

## APOGEE USER GUIDE



#### **IMPORTANT NOTICES**

#### **SAFETY**

For your safety, follow all Danger, Warning and Important notes. These safety messages are in the following formats:

DANGER: Means you risk possible loss of life.				
	WARNING: s you risk possible bodily harm.			

IMPORTANT: Means that the information demands special attention or that you risk damage to the vehicle or the tool.

Note: Added to provide clarity and helpful tips.

These safety messages cover situations SPX is aware of. SPX cannot know, evaluate and advise you as to all of the possible hazards. You must be certain that any conditions or service procedures encountered do not jeopardize your personal safety.

#### **COPYRIGHT**

No part of this manual may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SPX.

#### **DISCLAIMER**

All information, illustrations, and specifications contained in this technical instruction manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without obligation to notify any person or organization of such revisions or changes. Further, SPX shall not be liable for errors contained herein or for incidental or consequential damages (including lost profits) in connection with the furnishing, performance or use of this material.

# APOGEE USER GUIDE

## **Contents**

IMPORTANT NOTICESinside from	t cover
Chapter 1: General Information	1
Introduction	
APOGEE Tool Features	
Cables	
System Smart 25-Pin Cable (3305-73)	
DB25 Power Cable (3305-72)	
Software Installation/Description	
ScanMate PC Software	
Scan Tool/PC Connection	
ScanMate Application Overview	
Install the PC Software	
PC Requirements	
Software Installation	
New Scan Tool Application Updates	
Scan Tool Printing Procedure	
Software Screens	
Application Manager Screen	
Vehicle Identification Screen	
Vehicle Identification - Required Cables Screen	
Diagnostic Menu Screen	
Datastream	
Custom Datastream	
Diagnostic Codes (or Read Codes and Clear Codes)	
Post Collision Test	
Pathfinder	18
Vehicle Info	19
Controller ID	20
Special Tests	21
Vehicle Applications	22
Chapter 2: Start-up Steps	
Introduction	
Step 1: APOGEE	
Step 2: Adjust Default Settings	24
Step 3: Test Startup and Vehicle Connection	25
Step 4: Enter the Vehicle Information	26
Step 5: Connect the Cable	30
OBD II Vehicle Cable Connection	
Non-OBD II Vehicle Cable Connection	
Step 6: View the Quick Test Results	
Step 7: Select the Diagnostic Function	35

Chapter 3: Datastream	. 36
About Datastream	36
Automatic Diagnostic Code Triggered Record	
Basic Datastream Procedure	
Datastream Functions	
Record and Playback	
Record a Data File	
Playback a Data File	
Graph/Digital	
About Digital Display	
About Graph Display	
Lock	
To Top	
Freeze Frame	
Pathfinder	
Print	
Sort	
English / Metric Units	
Linguistr/ Michilo Offica	40
Chapter 4: Custom Datastream	. 50
	. 20
Chapter 5: Diagnostic Trouble Codes	. 52
Read Codes	
Read and Display Codes	
Read Codes Only	
Review Codes	
Clear Codes	
Self-Diagnostics	
Wiggle Test	
Read Codes/Clear Codes (Flash Codes)	
Read Codes (Flash Codes)	
Clear Codes (Flash Codes)	
,	
Chapter 6: Post Collision Test	. 72
<b>Chapter 7: Pathfinder Troubleshooting</b>	. 74
Repair Trac	
TSB References.	
Specifications	
Component Location	
Brake Bleed Procedure	
Brake Bleed Sequence	
·	
Chapter 8: Vehicle Info	. 84
Specifications	
Related TSBs	
System Type	
PROM Identification	

Chapter 9: Controller ID	90
Chapter 10: Special Tests	92
Basic Special Test Procedure	
Special Test Descriptions	
ABS Manual Control Tests	
ABS Motor Test	
ABS Version Test	
Actuator Tests	
Autobleed Test, Automated Bleed, or Service Bleed	
Automated Test	
Brake Bleed Preparation Test	
Function Test	
Gear Tension Relief Test	
Hydraulic Control Tests	
Idle Up Manual Control Test	
Lamp Tests	
Manual Control Test	
Motor Rehome Test	
Pump Motor Tests	
Relay Test	
Requested Torque Test	
Setup SDM Serial Number (Air Bag Sensing and Dia	
Solenoid Tests	
System Identification	
TCS Test	
Traction Control System (TCS) Manual Control Tests	
Voltage Load Test	
Special Test Screen Examples	97
Instructional Screen Example	97
Bi-Directional Control Screen Examples	98
Basic Single Component Control Screen	
Basic Multiple Component Control Screen	
Solenoid, Relay Controls Screen	100
Automatic Test Screen	101
Activate/Deactivate Screen	102
CI	404
Chapter 11: Global OBD II	
View the Quick Test Results	105
Diagnostic OBD II Trouble Codes	107
Read Codes/Pending Codes	107
Clear Codes	109
Freeze Frame	110
Special Tests (OBD II)	
Basic Procedure	
Component Parameters	113
Oxygen Sensor Tests	115
Readiness Test	
Vehicle Identification	_
Device Control	119
	440
Appendix: Vehicle Applications	120
SPY Corneration I imited Warranty	
KUX L'annanation Limited Mannanty	incido book covor

### **Safety Precautions**

#### **A** Danger:

When an engine is operating, keep the service area WELL VENTILATED or attach a building exhaust removal system to the engine exhaust system. Engines produce carbon monoxide, an odorless, poisonous gas that causes slower reaction time and can lead to serious injury or death.



### Warning:

When working with hydraulic or fuel lines, liquids under pressure may escape and create a dangerous condition. Never open a bleeder valve or loosen a hydraulic line while the ABS is pressurized. Use adequate ventilation and make sure there are no sparks or possibility of sparks present that may ignite any vapor.



. Wear an American National Standards Institute (ANSI) approved eye shield when testing or repairing vehicles. Objects propelled by whirling engine components or pressurized liquids escaping may cause personal injury.



 Set the parking brake and block the wheels before testing or repairing a vehicle. It is especially important to block the wheels on front-wheel drive vehicles because the parking brake does not hold the drive wheels.



- . Do not drive the vehicle and operate the APOGEE tool at the same time. Any distractions may cause an accident. Have one person operate the APOGEE tool as another person drives the vehicle.
- Maintain adequate clearance around moving components or belts during testing. Moving components and belts can catch loose clothing, body parts, or test equipment and cause serious damage or personal injury.



Automotive batteries contain sulfuric acid and produce explosive gases that can result in serious injury. To prevent ignition of gases, keep lighted cigarettes, sparks, flames, and other ignition sources away from the battery at all times. If you are using the battery as a power source, connect the RED (+) battery clip to the positive vehicle battery terminal and connect the BLACK (-) battery clip to a good ground away from the battery.



Refer to the service manual for the vehicle being serviced and adhere to all diagnostic procedures and precautions. Failure to do so could result in air bag deployment, personal injury, or otherwise unneeded air bag system repairs.



· Only use specially designed replacement parts (brake hoses and lines) for ABS-equipped vehicles.



 After bleeding the brake system, check the brake pedal for excessive travel or a "spongy" feel. Bleed again if either condition is present.

 When installing transmitting devices (Citizen Band radio, telephone, etc.) on ABS-equipped vehicles, do not locate the antenna near the ABS control unit or any other control unit.

#### Important:

- To avoid damaging the APOGEE tool or generating false data, make sure the vehicle battery is fully charged and the connection to the vehicle DLC is clean and secure.
- Never disconnect or reconnect any electrical connector while the ignition is on. Damage to the ABS control unit may result.
- Do not hammer speed rings into the hub or tap on speed sensor components (sensor, sensor rings, etc.).
   Speed rings must be pressed, not hammered, into the hub and striking or tapping speed sensor components can cause demagnetization or a loss of polarization, affecting the accuracy of the speed signal returning to the ABS control unit.
- Use the recommended anti-corrosion coating on speed sensor components: Do not contaminate with grease.
- When speed sensor components have been removed, be sure to check the sensor-to-ring gap, when applicable.
- Do not mix tire sizes. Increasing the width slightly is acceptable but rolling diameter must be identical for all tires. Some manufacturers recommend tires of the same brand, style, and type. Failure to follow this precaution may cause inaccurate wheel speed readings.
- Do not expose the ABS control unit to prolonged periods of high heat: 185 degrees F/85 degrees C for 2 hours is considered a maximum limit.
- Use a recommended brake fluid, do not use silicone brake fluids in an ABS-equipped vehicle.
- . Before bleeding the brake system, make sure no diagnostic codes are present.
- · Do not let the master cylinder run dry during the brake bleeding procedure.
- Do not allow brake fluid to contact the motor pack or the electrical connectors.

#### **VW Problems:**

• For model years 2000 and 2001 VW Golf, GTI, Jetta/Bora, and Beetle air bag controllers there are reports of air bag warning lights staying on permanently after scanning with a scan tool. The air bag controller shows DTC number 65535, indicating an internal error which cannot be cleared. This problem seems to be limited to air bag controllers with the part number 6Q0-909-605-A. There are a number of different index or color-code variations of this controller and not all of them are affected. If you have a 2000 or 2001 Golf, Jetta/Bora, Beetle, or a similar SEAT or Skoda model, physically inspect the air bag controller and look at the part number. If it is not 6Q0-909-605-A, then it should be safe to test. If it is Q0-909-605-A, then it is at risk of this problem — avoid testing the air bag controller.

Safety Precautions

### 1: General Information

#### Introduction

This automotive scan tool reads diagnostic trouble codes (DTCs), views "live" data readings from the vehicle's Electronic Control Units (ECUs), and saves recordings of the data readings.

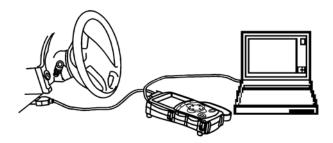


Figure 1.1: APOGEE Connection to Vehicle and to PC

Introduction

When you turn on the scan tool, the Application Manager screen appears for you to select a test option:

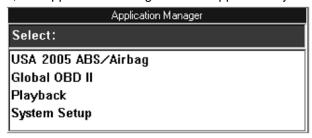


Figure 1.2: Application Manager Screen

- USA 2005 ABS/Airbag This is a software program for the tool. With the tool properly connected to a vehicle's electronic
  control unit (ECU), you can use the software to read the vehicle's anti-lock brake system (ABS) and air bag information
  and to perform device control tests.
  - After you enter the vehicle information into the APOGEE tool, the software displays an illustration of the cables
    required for connecting the APOGEE tool to the vehicle's ECU. After you connect the correct cables, the
    software automatically determines the tests available for that vehicle.
  - The software automatically saves the most recently used vehicle setup for you to reuse quickly. You can also save vehicle setups for reuse.
  - You can view "live" sensor and switch datastream information while it is being communicated from the vehicle's ECU.
  - The tests let you read DTCs for air bags and anti-lock brake systems. (In addition, you can manually enter diagnostic codes for vehicles without readable ECUs.)
  - Record (Save) and Playback functions let you record and replay datastream DTC information similar to a video recorder function.
  - An automatic DTC triggered record function automatically creates a recording for playback and alerts you
    whenever a DTC occurs during testing.
  - A Post Collision test provides instructions for testing air bags after repair(s).
  - Pathfinder Troubleshooting and Vehicle Info functions let you view vehicle-specific information, such as technical service bulletin (TSB) references, vehicle specifications, repair instructions, ECU component location(s), and brake bleed procedures.
  - The tests include programmed diagnostic procedures (special tests) you can use for bi-directional control tests on anti-lock brake systems.
- Global OBD II for diagnostic testing of On Board Diagnostics II (OBD II) compliant USA domestic, Asian, and European vehicles for the years 1996 to 2005. Refer to chapter 11 for details.
- Playback for viewing saved recordings.
- System Setup for adjusting default settings for the scan tool. Some of the functions provided by the APOGEE software include the following:

#### **APOGEE** Tool Features

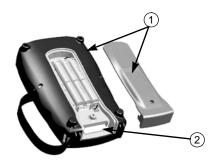


Figure 1.3: APOGEE Back View

- 1 Battery Compartment and Cover holds six (6) 1.5 volt batteries.
- 2 Flash Card Port holds a flash card (for future scan tool updates).



Figure 1.4: APOGEE Top View

- 1 RS 232 Port (25-Pin) connects to the vehicle Data Link Connector (DLC) cable.
- 2 External Power Port connects the power adapter.
- 3 RJ45 Serial Port connects the PC serial cable.



Figure 1.5: APOGEE Front View

- 1 LCD Screen displays the menus and data screens.
- 2 ENTER Key executes a selected menu option and/or displays the next screen.
- 3 LIGHT Key turns the LCD backlight on when using internal battery power. (When using external power, the backlight is always on when the tool is on.)
- **4 EXIT Key** exits a screen. Cancels a selected menu option.
- 5 Communication Indicator indicates when the scan tool is properly connected and communicating with the vehicle's ECU.
- 6 External Power Indicator indicates when the scan tool is drawing power from a source other than the internal batteries, such as from an OBD II vehicle cable connection, the cigarette lighter power adapter, or an accessory AC / DC power adapter.
- 7 On/Off Button turns the scan tool on and off. When using external power, the scan tool stays on until you turn it off. When using internal battery power, the scan tool turns off automatically after a set time (see Unit Defaults in Step 2: Adjust Default Settings, on page 24).
- **8 HELP Key** displays helpful information.
- 9 Arrow Keys (Up, Down, Left, and Right) select a menu option or scroll through a screen of data or text.
- 10 Variable Function Keys four keys that correspond with "buttons" on some screens; execute special commands.

#### **Cables**

The cable used to connect the **APOGEE** tool to the data link connector (DLC) of a vehicle's electronic control unit (ECU) depends on the type of vehicle being tested. The two most common cables are shown below. They are the System Smart 25-pin cable (3305-73) and the DB25 power cable (3305-72). An optional extension cable may also be used.

**Note:** The **APOGEE** software tells you which cable must be used for the vehicle you are testing. For details, refer to Step 4: Enter the Vehicle Information, on page 26.

#### System Smart 25-Pin Cable (3305-73)

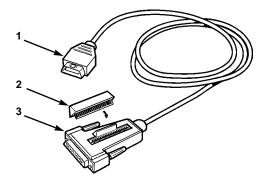


Figure 1.6: System Smart 25-Pin Cable

The System Smart 25-pin cable is for OBD II vehicles. The cable has the following components:

- 1 J-1962 Connector connects to the DLC of the vehicle's electronic control unit.
- 2 System Smart Insert (SSI) inserts into the port on the top of the 25-pin connector. The SSI used depends on the vehicle being tested.
- **25-pin Male Connector** connects to the DB25 port on the top of the **APOGEE** tool. The 25-pin connector has a port on the top of it for inserting SSI.

#### DB25 Power Cable (3305-72)

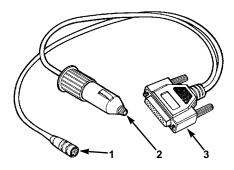


Figure 1.7: DB25 Power Cable

The DB25 power cable is for non-OBD II vehicles and some OBD II vehicles. The cable has the following components:

- 8-Pin Adapter Connector connects to the correct adapter for the vehicle being tested. The adapter then connects to the DLC of the vehicle's electronic control unit.
- 2 Power Plug inserts into the vehicle's cigarette lighter receptacle.
- 3 25-pin Male Connector connects to the DB25 port on the top of the APOGEE tool.

#### **Software Installation Description**

#### ScanMate PC Software

The ScanMate software application lets you print data and upload playback files to a personal computer (PC) from a connected scan tool. It also lets you view and print data from uploaded playback files without having a scan tool or vehicle connected. In addition, future functionality will let you update the scan tool's software through the ScanMate application.

A special feature of the ScanMate application is the variety of methods for viewing playback data. You can view data as gauges, block graphs, or bar graphs; you can add cursors and markers; and you can export files as text files or bitmaps (and even send them by email to Vehicle Diagnostic Help Services).

#### Scan Tool/PC Connection

To use the ScanMate application for printing data directly from the scan tool or for uploading playback event files from the scan tool, connect the scan tool and the PC with the RS232 serial cable, as shown below.

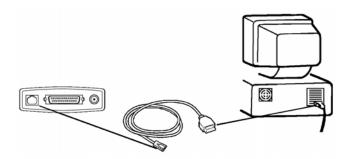


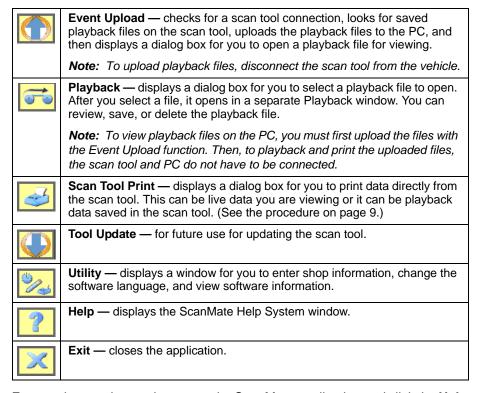
Figure 1.8: Scan Tool Connection to PC

#### ScanMate Application Overview

To start the ScanMate application, click the Windows desktop icon or select ScanMate from the Windows Start menu. The first window that appears is the ScanMate main window. This window has function buttons at the top for accessing the software functions. They include the following:



Figure 1.9: ScanMate Main Window



For step-by-step instructions, start the ScanMate application and click the **Help** button.

#### Install the PC Software

The ScanMate CD installs the software and User Guide on your personal computer (PC).

#### PC Requirements

The PC should have the following minimum requirements:

- · Microprocessor: 233 MHz Pentium, minimum
- RAM: 128 MB, minimum (256 MB recommended)
- Hard Disk (C drive): 60 MB free space, minimum
- PC Communication Port: 9-pin serial COM port
- Display (Monitor): Color, set at 800 × 600 pixel, minimum
- Operating System: Microsoft<sup>®</sup> Windows<sup>®</sup> 2000, Windows XP<sup>®</sup> (updated with current service packs)
- Internet Browser: Microsoft Internet Explorer 5.0 or newer

#### Software Installation

Use the following steps to install the software.

- 1 Insert the ScanMate CD in your PCs CD drive and follow the on-screen instructions. Be aware of the following:
  - The install software uses Windows auto-play technology. This means the installation instructions appear on your PC screen automatically.
    - If the instructions do not appear automatically, click the Windows Start button and click Run. This displays a Run dialog box. Click the Browse button and then find and select your CD drive. After this, select the Setup.exe file and click the Open button (or OK). Then click the OK button in the Run box.
  - The installation places a ScanMate icon on the Windows desktop and places the ScanMate option on the Windows Start, Programs menu. You can use either one of these to start the software application. Refer to Scanmate Software, on page 6.
- 2 When the installation is finished, remove the CD from the PCs CD drive

#### New Scan Tool Application Updates

To obtain new application updates, contact your local distributor.

#### **Scan Tool Printing Procedure**

To print data directly from the scan tool, the scan tool must be connected to a PC that has the ScanMate software installed and prepared for printing. Use the following steps as a reference for printing. For detailed instructions use the ScanMate application's Help System.

- 1 Make sure the scan tool is connected to the PC. For details, refer to Scan Tool/PC Connection, on page 6.
- 2 Start the ScanMate application on the PC.
- 3 On the ScanMate main window, click the **Print** button. This displays the ScanMate Print dialog box.

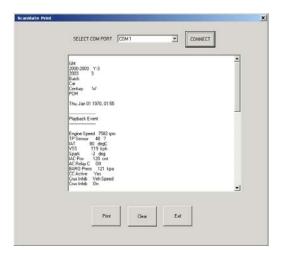


Figure 1.10: ScanMate Print Dialog Box

- 4 In the ScanMate Print dialog box, do the following:
  - a Select the COM port for the scan tool connection and click the CONNECT button.
  - **b** Check the display area. If it contains data you do not want to print, click the **Clear** button.
- 5 On the scan tool, display the data to print and press the **Print** key. This uploads the data to the display area in the ScanMate Print dialog box on the PC.
- 6 In the ScanMate Print dialog box, view the data and click the **Print** button to print the data to the PCs default printer.

Note: The scan tool header prints on all reports. For details, refer to Step 2: Adjust Default Settings, on page 24.

#### **Software Screens**

This section contains an overview of the main screens in the **APOGEE** software. Some of the screens contain menus and others contain test instructions or results.

#### Application Manager Screen

When you turn on the *APOGEE* tool, the Application Manager screen appears. The Application Manager screen contains a menu of the groups of software installed in the *APOGEE* tool.

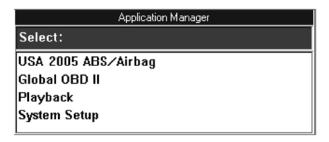


Figure 1.11: Application Manager Screen

From the Application Manager screen, select USA 2005 ABS / Airbag and then press the ENTER key. This displays the first Vehicle Identification screen.

#### Vehicle Identification Screen

When you select **USA 2005 ABS/Airbag** from the Scan Diagnostics menu, the first Vehicle Identification screen appears.

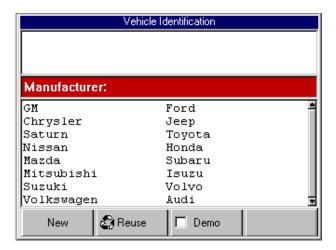


Figure 1.12: Vehicle Identification Screen

The Vehicle Identification screen has the following sections:

- top section displays vehicle identification information as you select options from the middle section.
- middle section contains the options you select in order to enter identification information for a vehicle. When you select an option and press the ENTER key, the selected option appears in the top section and the middle section changes to the next group of selection options. For example, the middle section shown above is for selecting the manufacturer. After you select a manufacturer, the middle section changes to options for selecting the vehicle's year range. After you have entered all the information for a vehicle, the middle section displays the cable connections required for the vehicle.
- bottom section contains the function keys for:
- 1 entering new information for a vehicle,
- 2 selecting and reusing information for a vehicle previously tested, and
- 3 viewing demonstration data.

For detailed information about using this screen, refer to Chapter 2: Start-up Steps, on page 23.

#### Vehicle Identification - Required Cables Screen

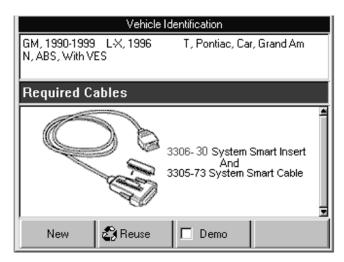


Figure 1.13: Vehicle Identification - Required Cables Screen

After you have entered all the information for a vehicle, the top section displays the vehicle information and the middle section displays the cable connections required for the vehicle (refer to Cables, on page 5).

With this screen displayed, you make the cable connections to the **APOGEE** tool and the vehicle and then press the ENTER key. This displays the Diagnostic Menu screen for the vehicle being tested as shown in Figure 1.19.

#### Diagnostic Menu Screen

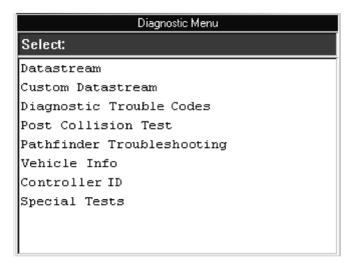


Figure 1.14: Diagnostic Menu Screen

The Diagnostic Menu screen contains a menu of the test options available for the vehicle being tested. The next few pages show and briefly describe each of the options on the Diagnostic menu.

**Note:** The screen shown above is only an example. It shows all possible options that can appear on the Diagnostic menu. Only the options available for the vehicle being tested will appear on this menu.

#### Datastream

When you select **Datastream** from the Diagnostic menu, the following screen appears.

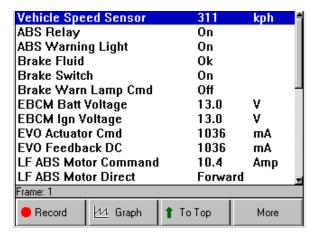


Figure 1.15: Datastream Screen

This screen displays live data from the vehicle's electronic control unit (ECU). The data displays in either a digital or a graphical format. You can also change the units of measure from English to Metric units. From this screen, you can record, print, and sort the data.

For detailed information about using this screen, refer to Chapter 3: Datastream, on page 36.

#### **Custom Datastream**

When you select Custom Datastream from the Diagnostic menu, the following screen appears.

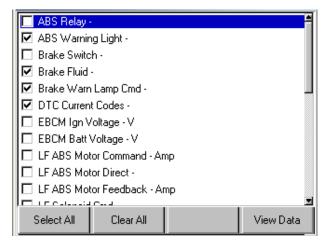


Figure 1.16: Custom Datastream Selection Screen - before selections

Use this screen to select specific (customized) data items you want to display on the standard Datastream screen.

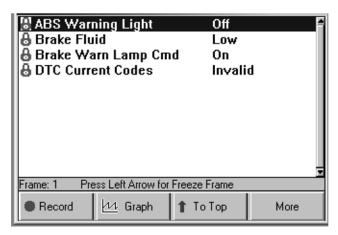


Figure 1.17: Custom Datastream Selection Screen - after selections

For detailed information about using the Custom Datastream menu option, refer to Chapter 4: Custom Datastream, on page 50.

#### Diagnostic Trouble Codes

The diagnostic trouble code (DTC) option(s) that appear on the Diagnostic Menu screen vary depending on the vehicle being tested. For some vehicles, the menu option is Diagnostic Trouble Codes; for other vehicles, there are two menu options: Read Codes and Clear Codes.

The **Diagnostic Trouble Codes** option appears on the Diagnostic Menu screen for vehicles that allow reading of DTCs with a scan tool.

The **Read Codes** and **Clear Codes** options appear on the Diagnostic Menu screen (instead of the Diagnostic Codes option) for vehicles that require reading of DTCs by visually viewing them as flash codes. For this type of vehicle, you identify the vehicle's flash code numbers and manually enter the numbers into the **APOGEE** tool to see their descriptions.

When you use the DTC options, a screen similar to the following screen appears. The screen displays diagnostic test code DTC numbers and descriptions.

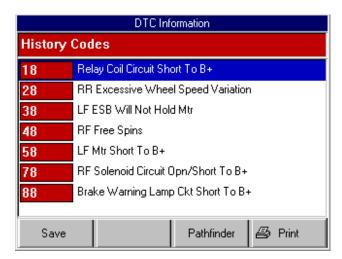


Figure 1.18: DTC Information Screen

For detailed information about using the DTC options, refer to Chapter 5: Diagnostic Trouble Codes, on page 52.

#### Post Collision Test

When you select **Post Collision Test** from the Diagnostic menu several step-by-step instruction screens, similar to the following screen, appear.

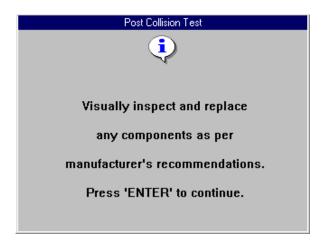


Figure 1.19: Post Collision Test Screen

The screens provide instructions for testing air bags after repair(s).

For detailed information about using the screens, refer to Chapter 6: Post Collision Test on page 72.

#### Pathfinder Troubleshooting

When you select **Pathfinder Troubleshooting** from the Diagnostic menu, the following screen appears.

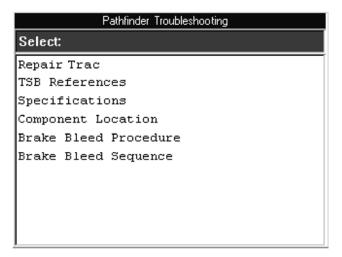


Figure 1.20: Pathfinder Screen

The Pathfinder screen contains menu options for viewing vehicle-specific information, such as TSB references, vehicle specifications, ECU component location(s), and brake bleed procedures. You can also use this function to access the Repair Trac software from within the USA 2005 ABS/Airbag software.

For detailed information about using this screen, refer to Chapter 7: Pathfinder Troubleshooting on page 74.

#### Vehicle Info

When you select **Vehicle Info** from the Diagnostic menu, the following screen appears.

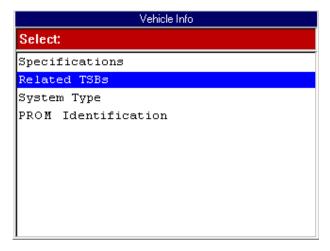


Figure 1.21: Vehicle Info Screen

The Vehicle Info screen contains menu options for viewing vehicle-specific information, such as vehicle specifications, TSB references, and the vehicle description (system type).

For detailed information about using this screen, refer to Chapter 8: Vehicle Info, on page 84.

#### **Controller ID**

When you select Controller ID from the Diagnostic menu, the following screen appears.

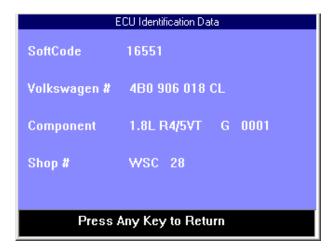


Figure 1.22: ECU Identification Data Screen

The ECU Identification screen contains information about the selected ECU (Audi and Volkswagen).

For detailed information about using this screen, refer to Chapter 9: Controller ID on page 90.

#### Special Tests

When you select **Special Tests** from the Diagnostic menu, the following screen appears.

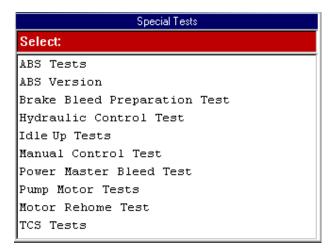


Figure 1.23: Special Tests Screen

The Special Tests screen contains menu options for performing special diagnostic tests. After you select a menu option, pre-programmed screens appear for the diagnostic test.

**Note:** The screen shown above is only an example. It shows only a few of the possible options that can appear on the screen. For detailed information about using this screen, refer to Chapter 10: Special Tests, on page 92.

### **Vehicle Applications**

The *APOGEE* Vehicle Applications Reference Guide is available in the appendix of this manual. The Reference Guide contains a listing of the vehicles and ECUs that the *APOGEE* software works with.

### 2: Start-up Steps

#### Introduction

#### Step 1: APOGEE Power

Setup includes providing power to the **APOGEE** tool, adjusting default settings, and installing the ScanMate PC software.





Figure 2.1: Batteries and Power Cord

Before using the **APOGEE** tool, provide power from either six (6) internal 1.5 volt batteries or from an external power adapter. (After you start vehicle diagnosis, On Board Diagnostics (OBD II) vehicle cable connections provide external power to the **APOGEE** tool.)

- The 1.5 volt batteries can be either alkaline or rechargeable nickel metal hydride (NiMH) batteries. Insert the batteries
  into the battery compartment on the back side of the APOGEE tool.
  - IMPORTANT: Use only high-quality batteries. During long periods of storage, remove the batteries to prevent damage from battery leakage.
- The cigarette lighter power adapter provides power from the vehicle's battery. For some APOGEE tool functions (System Setup, Playback), use of the adapter is optional but preserves the life of the internal batteries. For other functions
  - (OBD I testing), use of the adapter is required. To use the adapter, insert the pin into the port on the top of the **APOGEE** tool and insert the plug into the vehicle's cigarette lighter. Turn the vehicle's ignition key to the On (Run) position.
- Accessory components are available for connecting the APOGEE tool directly to the vehicle's battery or to an electrical
  outlet. For details, refer to the User Guide.

IMPORTANT: To conserve internal battery life, use either an OBD II vehicle cable connection or a power adapter as the *APOGEE* tool's primary power source; do not use the internal batteries as the primary power source. Use the internal batteries only when adjusting default *APOGEE* tool settings, during test startup (for vehicle identification), or when uploading files to the ScanMate software on a PC. In addition, use the backlight in poorly-lit conditions only.

### **Step 2: Adjust Default Settings**

The System Setup functions let you view information about the **APOGEE** tool and adjust default settings as follows:

1 Press the On / Off button to turn the APOGEE tool on and wait for the Application Manager screen to appear.

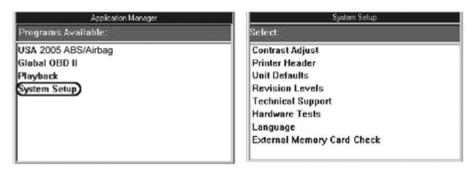


Figure 2.2: Application Manager Screen and System Setup Screen

- 2 Use the **Down Arrow** key to select **System Setup** and then press the **ENTER** key. This displays the System Setup screen, shown in figure 2.2.
- 3 Use the **Down Arrow** key to select an item to adjust (described below) and then press the **ENTER** key.
  - Contrast Adjust adjust the contrast of the LCD screen.
  - **Print Header** set up a heading for reports that you print from the **APOGEE** tool.
  - **Unit Defaults** set the date, time, units-of-measure, and automatic shut down time. It also lets you turn the audible beep and print header functions on or off.
  - Revision Levels display software version numbers.
  - **Technical Support** display technical support information.
  - Hardware Tests test the LCD screen, keypad keys, and beeper and view the time clock and serial number for the APOGEE tool.
  - Language set the default language for the APOGEE tool software.
  - External Memory Card Check check the system files on a compact flash card in the compact flash port.
- 4 Follow any on-screen instructions; use the **Arrow** keys as needed to adjust settings; use the **EXIT** key to exit the screens. For detailed instructions, refer to the *User Guide*.

### **Step 3: Test Startup and Vehicle Connection**

All vehicle setups require a specific cable connection to the vehicle DLC. To determine the specific cable required for a vehicle, you must first enter the vehicle information. After you have done this, the screen displays the specific cable information for the vehicle. You then use this information to connect the correct cable to the DLC and proceed with the vehicle diagnostics.

This chapter includes the following general steps to get you started:

- 1 Enter the vehicle information to determine the correct cable required.
- 2 Connect the required cable.
- 3 Select the diagnostic function you want to perform.



#### **WARNING:**

Before performing any diagnostic functions, refer to the Safety Precautions, instructions, and the warnings provided by the vehicle manufacturer. In addition, follow any warnings and descriptions provided on the *APOGEE* tool screens.

### **Step 4: Enter the Vehicle Information**

Use the following steps to enter vehicle information and to determine which cable to use for the communication connection between the *APOGEE* tool and the vehicle's ECU.

#### To enter the vehicle information, follow these steps:

Note: Before doing these steps, make sure the battery for the APOGEE tool is charged.

1 Press the power button on the APOGEE tool to turn the tool on. This displays the Application Manager screen.



Figure 2.3: Application Manager Screen

- 2 Select Vehicle Information and press the ENTER key. This displays the Vehicle Information screen.
- 3 Select **USA 2005 ABS/Airbag** and press the **ENTER** key. This displays the first Vehicle Information screen (Refer to figure 2.4 on page 27).

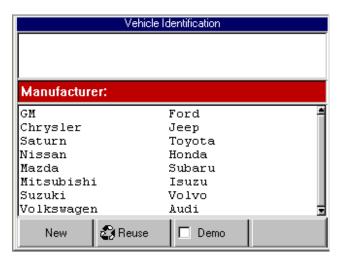


Figure 2.4: Vehicle Information - Manufacturer Screen

- **4** With the Vehicle Information screen displayed, you can enter new information for a vehicle or you can select and reuse saved information for a vehicle already tested. Do one of the following:
  - To enter new information for a vehicle, go to step 5 and then step 7.
  - To reuse saved information for a vehicle already tested go to step 6 and then step 7.

IMPORTANT: For model years 2000 and 2001 VW Golf, GTI, Jetta/Bora, and Beetle air bag controllers there are reports of air bag warning lights staying on permanently after scanning with a *APOGEE* tool. The air bag controller shows DTC number 65535, indicating an internal error which cannot be cleared. This problem seems to be limited to air bag controllers with the part number 6Q0-909-605-A. There are a number of different index or color-code variations of this controller and not all of them are affected. If you have a 2000 or 2001 Golf, Jetta/Bora, Beetle, or a similar SEAT or Skoda model, physically inspect the air bag controller and look at the part number. If it is not 6Q0-909-605-A, then it should be safe to test. If it is Q0-909-605-A, then it is at risk of this problem — avoid testing the air bag controller.

- **5** To enter new information for a vehicle, do the following:
  - a Select the vehicle manufacturer and press the ENTER key. This displays the selected vehicle description in the top part of the screen and changes the middle part of the screen to the next screen of a series of screens.

Note: The screens shown in figure 2.5 are only examples. The screens that actually appear are different for each vehicle.

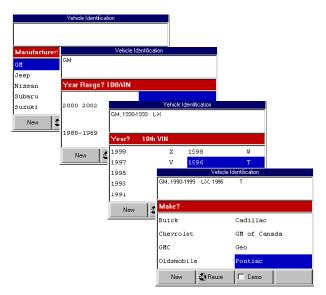


Figure 2.5: Vehicle Information - Series of Screens

**b** On each screen that appears, select the correct option and then press the ENTER key. Do this until the complete vehicle information is entered and the illustration of the required cables appears, as shown in Step 7.

**Note:** On the Vehicle Information screens, you can press the Demo function key to display demonstration data in the software. The Demo function stays on until you press the function key again to turn it off. When the Demo function is on, a checkmark appears in the box on the function key.

- 6 To reuse saved information for a vehicle already tested, do the following:
  - a Press the Reuse function key. This displays the Reuse Vehicles screen, which contains a list of saved vehicle descriptions.

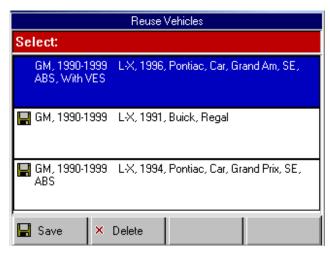


Figure 2.6: Reuse Vehicles Screen

**b** Select the vehicle description to use and press the ENTER key. This displays the illustration of the required cables, as shown in figure 2.7.

**Note:** The Reuse Vehicles list holds 25 vehicle descriptions. When the list is full, old descriptions automatically delete as you enter new descriptions. To prevent a description from being automatically deleted, highlight the description and press the **Save** function key. This places a disk icon to the left of the file name and saves the description until you delete it. (Use the **Delete** function key to delete a selected description.)

7 After you have entered new vehicle information or selected a vehicle description to reuse, the Required Cables illustration displays on the Vehicle Identification screen. With this screen displayed, make the required cable connections. Refer to the next section, step 5 Connect the Cable, on page 30 for specific steps.

**Note:** Some vehicles do not have an ECU and do not require a cable connection. For these vehicles, the screen states that no cable connection is required. If this happens, skip the next section and go to step 7, Select the Diagnostic Function, on page 35.

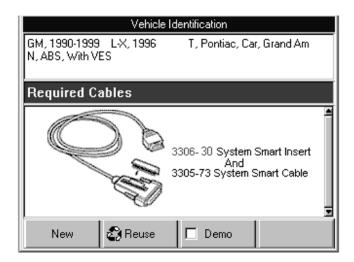


Figure 2.7: Vehicle Information - Required Cables Screen

**Note:** For some vehicles, this screen illustrates the vehicle's DLC test terminals rather than the required cables.

To display demonstration data in the software, press the function key that corresponds to the **Demo** button. A checkmark in the box indicates the Demo function is on (press the key again to turn the function off).

## **Step 5: Connect the Cable**

The method used to connect the **APOGEE** tool to a vehicle's ECU depends on the vehicle's configuration as follows:

- A vehicle equipped with an OBD II vehicle management system supplies both communication and 12-volt power through a standardized J-1962 DLC.
- A vehicle not equipped with an OBD II system supplies communication through a DLC connection and supplies 12-volt power through the cigarette lighter receptacle or a connection to the battery.

#### **OBD II Vehicle Cable Connection**

This type of connection generally requires the System Smart 25-pin cable (3305-73) and a System Smart Insert (SSI).

Note: For a description of the cables, refer to Cables, on page 5.

To connect the System Smart 25-pin cable, follow these steps:



Figure 2.8: SSI and System Smart 25-pin Cable

1 Locate the required SSI and insert it into the port on the top of the cable's 25-pin connector.

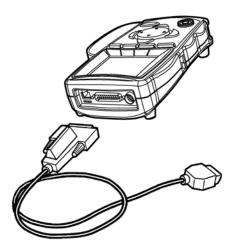


Figure 2.9: System Smart 25-pin Cable Connection to APOGEE Tool

2 Connect the 25-pin connector to the DB25 port on the top of the APOGEE tool. Finger tighten the connecting screws.

IMPORTANT: Make sure you have correctly entered the vehicle information in the *APOGEE* tool; incorrect vehicle identification can produce unexpected test results (see step 4: Enter the Vehicle Information, on page 26).

Note: Leave the Required Cables screen displayed on the APOGEE tool. Do not turn the APOGEE tool off.

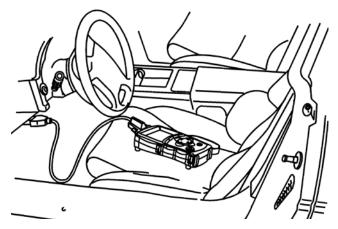


Figure 2.10: System Smart 25-pin Cable Connection to Vehicle's DLC

- 3 Connect the cables's J-1962 (16 pin) connector into the vehicle's J-1962 DLC (16 pin), located under the vehicle dash.
- 4 Continue with the next section, Step 7: Select the Diagnostic Function, on page 35.

#### Non-OBD II Vehicle Cable Connection

This type of connection generally requires the DB25 power cable (3305-72) or another vehicle-specific cable.

Note: Some non-ODB II vehicles may require the System Smart 25-pin cable.

Note: For a description of the cables, refer to Cables, on page 5.

To connect the DB25 power cable or another similar cable, follow these steps:

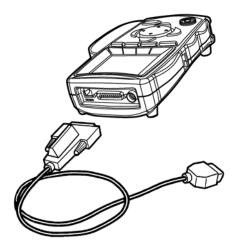


Figure 2.11: DB25 Power Cable Connection to APOGEE Tool

1 Connect the cable's 25-pin connector to the DB25 port on the top of the **APOGEE** tool. Finger tighten the connecting screws (see figure 2.11).

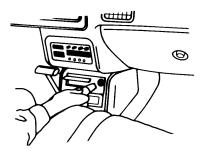


Figure 2.12: DB25 Power Cable Connection to Cigarette Lighter Receptacle

2 Connect the cable's power plug into the vehicle's cigarette lighter receptacle.

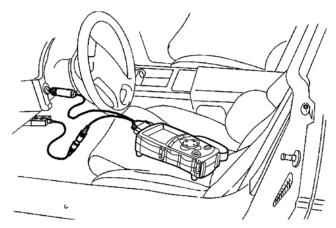


Figure 2.13: DB25 Power Cable Connection to Vehicle's DLC

3 Connect the cable to the vehicle's DLC.

Note: The vehicle's DLC is not always located under the dash as shown above.

**Note:** Some adapters may have more than one connector or may have test leads instead of a connector. Whatever the case, make the required connections to the vehicle's DLC.

4 With the Required Cables illustration still displayed on the *APOGEE* tool, press the **ENTER** key. This initiates communication with the vehicle's computer and displays the next screen.

Note: If the communication indicator on the APOGEE tool is not lit, check the cable and power connections.

# **Step 6: Select the Diagnostic Function**

After connecting the cable, the *APOGEE* tool should still display the Vehicle Identification - Required Cables screen.

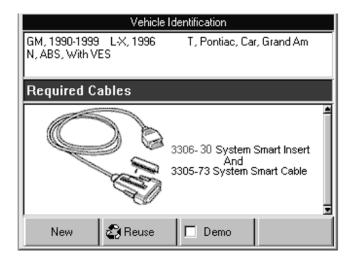


Figure 2.14: Vehicle Information - Required Cables Screen

#### To select the diagnostic function, follow these steps:

- 1 With the Required Cables (or Connectors) illustration still displayed, press the ENTER key.
- One or more instruction screens may appear. If so, read each screen, follow the instructions, and press the **OK** function key to display the next screen. Do this until the Diagnostic Menu screen appears.

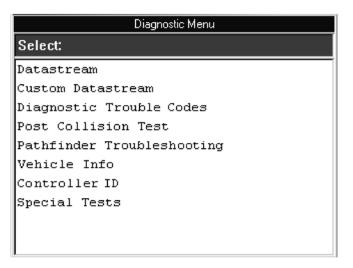


Figure 2.15: Diagnostic Menu Screen

Note: The screen shown above is only an example. It shows all possible options for the Diagnostic menu. During actual testing, only the options available for the vehicle being tested will appear on this screen.

- 3 Select the option for the diagnostic function you want to perform and press the ENTER key.
- **4** For specific steps for each function, refer to the following chapters:
  - Datastream Chapter 3: Datastream on page 36.
  - Custom Datastream Chapter 4: Custom Datastream on page 50.
  - Diagnostic Trouble Codes Chapter 5: Diagnostic Trouble Codes on page 52.
  - Post Collision Test Chapter 6: Post Collision Test on page 72.
  - PathfinderTroubleshooting Chapter 7: Pathfinder Troubleshooting on page 74.
  - Vehicle Info Chapter 8: Vehilce Info on page 84.
  - Controller ID Chapter 9: Controller II on page 90.
  - Special Tests Chapter 10: Special Tests on page 92.



## **WARNING:**

Before performing any diagnostic functions, refer to the Safety Precautions and instructions provided in this User Guide and the warnings provided by the vehicle manufacturer. In addition, follow any warnings and descriptions provided on the APOGEE tool screens.

**APOGEE User Guide** Step 6: Select the Diagnostic Function

# 3: Datastream

The Datastream function lets you view live ABS and air bag data from a vehicle's electronic control unit (ECU). This chapter describes how to use the Data-stream function.

## **About Datastream**

Datastream is the communication of information between the sensors, computer, and actuators (switches) on a vehicle. The sensors monitor the vehicle systems and send data to the vehicle computer, the computer uses the data from the sensors to determine if any vehicle systems need adjusting. If so, the computer converts the data into commands and sends the commands to the actuators. The actuators then convert the commands to mechanical actions that adjust the vehicle systems.

As this stream of data is being communicated in the vehicle, the software can read the vehicle computer and display the data information in a readable format, called datastream. This lets you view live sensor and switch readings.

## **Automatic Diagnostic Code Triggered Record**

The **APOGEE** software has an automatic Diagnostic Code Triggered Record function. This function works automatically and does not appear as an option on any menu. If a diagnostic fault occurs while you are testing a vehicle, the software automatically creates a recording for playback and alerts you with a screen message. To replay these recordings, refer to Playback a Data File on page 39.

## **Basic Datastream Procedure**

Use the following steps to obtain a basic understanding of how the Datastream function works.

Note: Before performing this procedure, follow the instructions in Chapter 2: Start-up Steps, on page 23.

#### To use the datastream function, follow these steps:

**Note:** Optionally, you can use Custom Datastream and select specific datastream items for viewing. For details, refer to Capter 4: Custom Datastream on page 50.

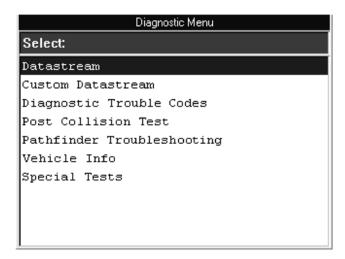


Figure 3.1: Diagnostic Menu Screen

1 From the Diagnostic Menu screen, select **Datastream** and press the **ENTER** key. This displays the Datastream screen.

Note: If a group selection screen appears, select a group and press the **ENTER** key to display the Datastream screen.

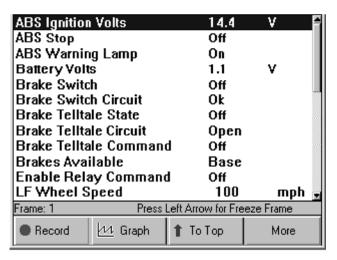


Figure 3.2: Datastream Screen

- 2 Notice the following about the Datastream screen:
  - Each line displays a data item. Use the Up and Down Direction keys to scroll through the data and to select lines.
  - The screen's data updates as the software reads from the vehicle's ECU. Each update is called a frame of data.
  - The function keys at the bottom of the screen let you perform several other functions on the screen. For details, refer to the next section, Datastream Functions on page 38.
  - The status line above the function keys displays current software status information.
  - You can stop and start the live readings at any time. When you stop the readings, the data "freezes" on the screen. For details, refer to Freeze Frame on page 43.
- 3 When you are finished using the screen, press the **EXIT** key to return to the Diagnostic Menu screen.

## **Datastream Functions**

There are several functions you can use on the Datastream screen. Most of the functions are activated with the function keys at the bottom of the screen. These functions, described in detail on the next few pages, include the following:

- Record and Playback records the data for viewing again at a later time. (See page 39.)
- Graph / Digital depending on the type of data on a line, changes the view of a selected line from digital to graphical. (See page 40.)
- **To Top** moves a selected data item to the top of the screen. (See page 43.)
- Lock locks selected data lines so they are always included when recording and printing, even if they are below the viewable area of the screen. (See page 42.)
- Freeze Frame freezes the data acquisition and displays past data. (See page43.)

Note: The following functions are on the menu that appears when you press the More function key.

- Pathfinder provides quick access to the Pathfinder 2004 software's Pathfinder Troubleshooter functions from within the APOGEE software. (See page 44.)
- **Print** prints the data in the viewable area of the current data display. (See page45.)
- **Zoom** enlarges the view of a data line. (See page46.)
- Sort rearranges the data alphabetically or with the graphed lines at the top. (See page 47.)
- English / Metric Units changes the units of measure for the data from English to Metric, or vice versa. (See page 48.)

**Datastream Functions** 

### Record and Playback

The Record function lets you record up to 150 one-second frames of data (75 frames that occur before pressing the Record function key and 75 frames that occur after pressing the key). The Playback function lets you replay recorded data. You can also save and delete recordings.

#### Record a Data File

To record a data file, follow these steps:

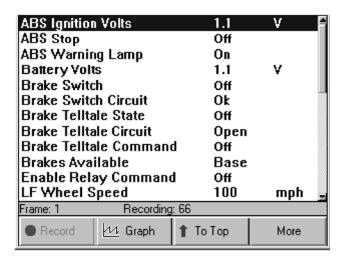


Figure 3.3: Datastream Screen - Record Function

- 1 With the Datastream screen displayed, press the **Record** function key. This does the following:
  - Temporarily shades the Record function key.
  - Automatically records the past 75 frames of data that occurred before pressing the key and continues recording the next 75 frames of data as they occur.
  - Displays a countdown on the status line of the number of frames left to be recorded (from Recording: 75 to Recording: 1).
     When the countdown reaches 1, the recorded data is saved as an Event file and placed in a Playback folder.

**Note:** To record less than 150 frames of data, press the EXIT key at any time. This stops the recording and saves only the frames already captured.

- 2 When the recording completes, continue viewing live data or press the EXIT key to return to the Diagnostic Menu screen.
- 3 Refer to the next section for playback steps.

#### Playback a Data File

#### To replay a recorded (saved) data file, follow these steps:

- 1 Press the EXIT key until Playback option appears on the Application Manager screen.
- 2 From the Application Manager screen, select Playback. This displays the Events to Playback screen.

**Note:** The Events to Playback list holds the recordings. When the list is full, old recordings automatically delete as you make new recordings. To prevent a recording from being automatically deleted, highlight the recording and press the **Save** function key. This places a disk icon to the left of the file name and saves the recording until you delete it. (Use the **Delete** function key to delete a selected recording.)



Figure 3.4: Events to Playback Screen

- 3 Select the recorded event to replay and press the ENTER key. (The events are identified by the vehicle description, date, and time of the recording.) The recorded event displays on either the DTC display screen or the Datastream screen, depending on the type of recording (Fault Codes or Live Data).
- 4 If the Datastream screen displays, use the **Left** and **Right Direction** keys to view the data. The Frame number in the status line changes as you move through the recording.
  - **Note:** There may be a **DTC** function key you can use to view a list of any DTCs that existed at the time of the recording. You can use the To Top function key to move a selected line to the top of the screen. You can also use other functions of the Datastream screen, such as Graph, Print, Zoom, and Sort. Refer to the steps for these on the next few pages.
- 5 When you are finished viewing the recording, press the **EXIT** key to return to the Application Manager screen.

#### **Graph/Digital**

The Graph/Digital function lets you change the display type for each line on the Datastream screen. Depending on the type of data on a line, you can change a selected line from digital to a graphical display.

To change the display for each line, follow these steps:

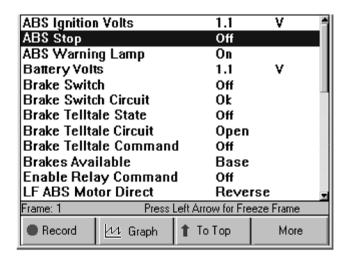


Figure 3.5: Datastream Screen - Digital Display

**Datastream Functions** 

- 1 With the Datastream screen displayed, use the **Up** or **Down Direction** key to select the line to change.
- 2 Press the Graph/Digital function key.

**Note:** This name of this function key changes each time you press the key. The name of the key represents the next display type that will appear when you press the key.

3 Repeat steps 1 and 2 for each line to change.

### About Digital Display

When a line is displayed as Digital, its reading is a word or a number as shown for all the lines in figure 3.5.

You can change the display of the lines as follows:

- If the selected line's data reading is a word, such as On, Off, Open, Closed, etc., then you can change the line's display back and forth between Digital.
- If the selected line's data reading is a number, such as 1.1 V, 23.3 Amps, etc., then you can change the line to also display
  as a graph.

#### About Graph Display

If a selected line's data reading is a number (such as 14.4 V, 1.1 V, or 23 Amps), you can use the Graph function key to display the line's data as a graph.

Note: The function key toggles from Graph to Digital and back to Graph.

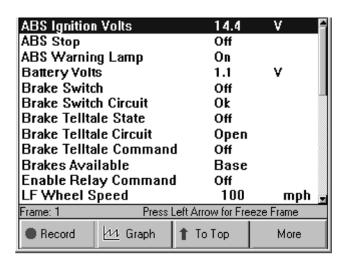


Figure 3.6: Datastream Screen - Digital Display

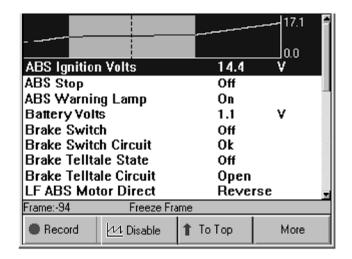


Figure 3.7: Datastream Screen - Graph Display

The graph has a past activity section and a magnified live activity window. The minimum and maximum measurements appear to the right of the graph and the digital reading is below the graph. You can use the Left and Right Direction keys to move the magnified window through the data. See Freeze Frame on page 43.

#### Lock

The Lock function lets you lock selected data lines so they are always included when recording and printing, even if they are below the viewable area of the screen.

Note: Generally, printing and recording include only the data items within the viewable area of the data display.

#### To lock data lines, follow these steps:

- 1 With the Datastream screen displayed, use the Up or Down Direction key to select the line to lock.
- 2 Press the ENTER key. A padlock icon appears on the left side of the line.

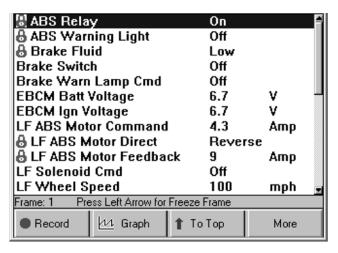


Figure 3.8: Datastream Screen - Sensor Lock Function

3 Repeat steps 1 and 2 for each line to lock.

Note: The lines remain locked for the selected vehicle until you unlock them, even if you exit the software.

4 To unlock a locked line, select the locked line and then press the ENTER key (see steps 1 and 2).

#### To Top

The To Top function lets you move a selected data line to the top of the Datastream screen.

Note: You can also use the Sort function to rearrange the data lines. For details, refer to Sort on page 47.

To move a data line to the top of the screen, follow these steps:

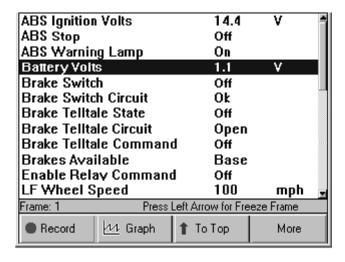


Figure 3.9: Datastream Screen - To Top Function

- 1 With the Datastream screen displayed, use the **Up** or **Down Direction** key to select the line to move.
- 2 Press the **To Top** function key. The selected line moves to the top of the screen.
- 3 Repeat steps 1 and 2 for each line to move.

#### Freeze Frame

The Freeze Frame function lets you freeze the data display on the Datastream screen and lets you view past data frame-by-frame.

To freeze data, follow these steps:

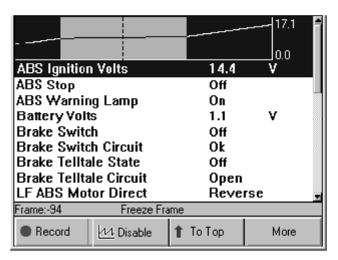


Figure 3.10: Datastream Screen - Freeze Frame Function

- 1 With the Datastream screen displayed, press the Left Direction key to begin the freeze function.
- 2 Repeatedly press the Left Direction key or press and hold the key to move backward through the data. As you do this, notice the following:
  - The Frame number (above the Record key) changes to show the frame number of the currently-displayed data.
  - The message next to the frame number flashes as Freeze Frame and Exit to resume.
  - On any displayed graphs, the vertical, dashed-line moves to display the past data for each frame.
  - On any displayed digital lines, the data changes to display the past data for each frame.
- 3 Use the Left or Right Direction keys to move backward or forward through the data, frame-by-frame.
- 4 When finished, press the EXIT key to return to the normal screen display and to resume reading data.

#### **Pathfinder**

The Pathfinder function on the Datastream screen's More menu provides quick access to the Pathfinder software's menu options. With these menu options, you can view vehicle-specific information, such as DTC descriptions, TSB references, vehicle specifications, ECU component location(s), and brake bleed procedures. You can also use this function to access the Repair Trac or Fast Fixes software from within the **APOGEE** software.

To access the Pathfinder menu options from the Datastream screen, follow these steps:

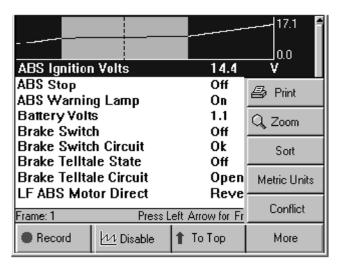


Figure 3.11: Datastream Screen - Pathfinder Function

- 1 With the Datastream screen displayed, press the More function key.
- 2 If necessary, use the **Up** or **Down Direction** key to select the **Pathfinder** function.
- 3 Press the ENTER key. This displays the Pathfinder screen.

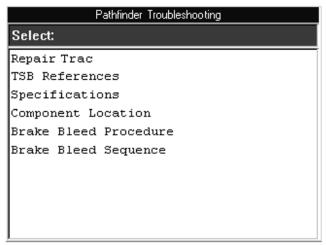


Figure 3.12: Pathfinder Screen

4 To use this screen, refer to Chapter 7 Pathfinder on page 74.

#### **Print**

The Print function on the Datastream screen's More menu lets you print the data currently displayed on the screen.

#### To print the data, follow these steps:

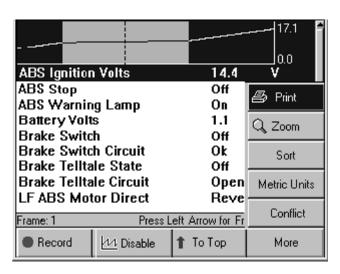


Figure 3.13: Datastream Screen - Print Function

- 1 With the Display Live Data screen displayed, press the **More** function key.
- 2 Use the **Down Direction** key to select the **Print** function.
- 3 The message Print the current frame of data? appears on a Print screen. Press the **OK** function key.

#### Zoom

The Zoom function on the Datastream screen's More menu lets you magnify the view of each data line on the Datastream screen.

**Note:** This function applies to digital and graph display lines. The function can be used for the normal display or for a frozen display.

To zoom the view of the data lines, follow these steps:

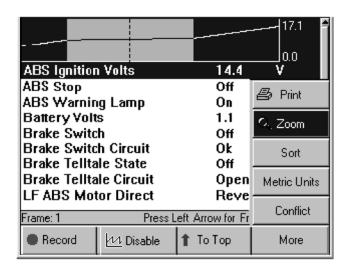


Figure 3.14: Datastream Screen - Zoom Function

- 1 With the Datastream screen displayed, use the **Up** or **Down Direction** key to **select the digital or graph line** to change.
- 2 Press the More function key.
- 3 Use the **Down Direction** key to select the **Zoom** function.
- 4 Press the ENTER key. This magnifies the selected line, as shown in figure 3.15.

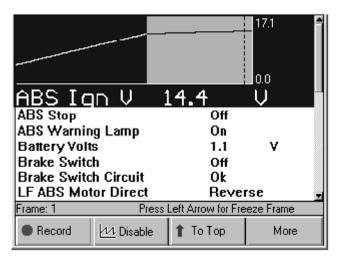


Figure 3.15: Datastream Screen - Zoom Function

- 5 Repeat steps 1 through 4 for each line to change.
- **6** To remove the Zoom view from a line, select the line with the zoomed view and then select the More, Zoom function again (see steps 2, 3, and 4).

#### Sort

The Sort function on the Datastream screen's More menu lets you rearrange the data on the Datastream screen alphabetically or with either locked or graphed lines at the top of the screen.

Note: You can also use the To Top function to rearrange the data lines. For details, refer to To Top on page 43.

To sort the data lines, follow these steps:

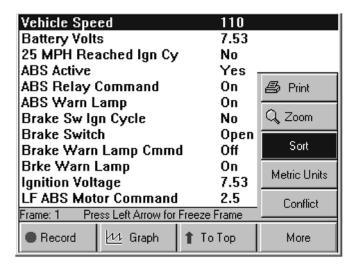


Figure 3.16: Datastream Screen - Sort Function

**Note:** Figure 3.16 shows all graphs disabled. To use the Sort by Graphed function, one or more graphs must be displayed. To use the Sort by Locked function, one or more lines must be locked.

- 1 With the Datastream screen displayed, press the **More** function key.
- 2 Use the **Down Direction** key to select the **Sort** function.
- 3 Press the ENTER key. This displays the Sort Options screen.

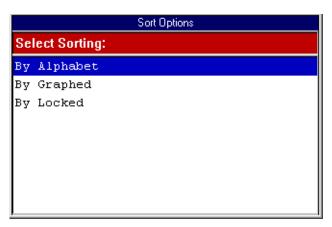


Figure 3.17: Sort Options Screen

- 4 From the Sort Options screen (Figure 3.18), select one of the following:
  - Select **By Alphabet** to sort the data alphabetically, or
  - Select By Graphed to sort the data with the graphs at the top of the screen.
  - Select By Locked to sort the data with the locked lines at the top of the screen.
- 5 After making the selection, the Datastream screen displays the rearranged lines (or graphs).

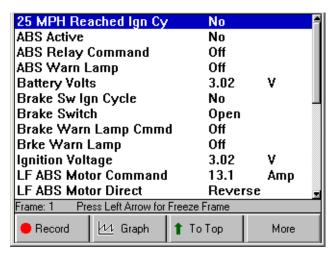


Figure 3.18: Datastream Screen - Sort by Alphabet Function

## **English/Metric Units**

The English/Metric Units function on the Datastream screen's More menu lets you change the units of measure for the data from English to Metric, or vice versa.

To change the units of measure, follow these steps:

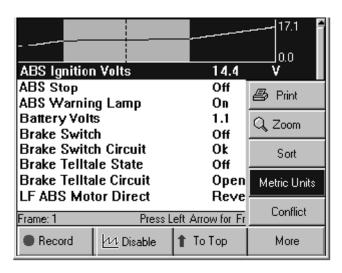


Figure 3.19: Datastream Screen - English / Metric Units Function

- 1 With the Datastream screen displayed, press the **More** function key.
- 2 Use the **Down Direction** key to select the **English Units** or **Metric Units** function.

**Note:** This name of this menu option changes each time you select it. It changes back and forth between English Units and Metric Units. The name of the option represents the units of measure that will appear after you select the option.

3 Press the ENTER key. This displays the data in the selected units of measure.

# 4: Custom Datastream

The Custom Datastream function lets you select specific data items to display on the standard Datastream screen.

#### To use the custom datastream function, follow these steps:

1 Follow the instructions in Chapter 2: Start-up Steps, on page 23, to display the Diagnostic Menu screen.

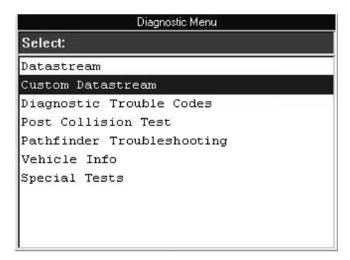


Figure 4.1: Diagnostic Menu Screen

2 From the Diagnostic Menu screen, select **Custom Datastream** and press the **ENTER** key. This displays the Custom Datastream selection screen.

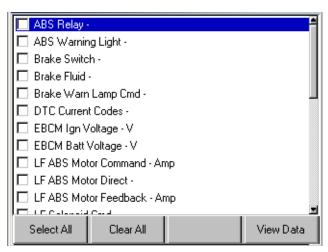


Figure 4.2: Custom Datastream Selection Screen - before selections

- 3 Select the data items to include in the Datastream display as follows:
  - a Use the **Up** and **Down Direction** key to select an item to include in the display.
  - **b** Press the **ENTER** key. A check mark appears in the box on the left side of the item.

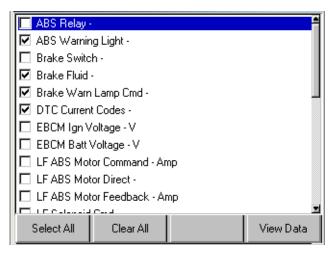


Figure 4.3: Custom Datastream Selection Screen - after selections

**c** Repeat **a** and **b** for each item to include in the display.

**Note:** To deselect an item, select the item again and press the ENTER key. Optionally, use the Select All and Clear All function keys to select or deselect all of the items at once.

4 When finished selecting data items, press the View Data function key to display the selected items on the Datastream screen.

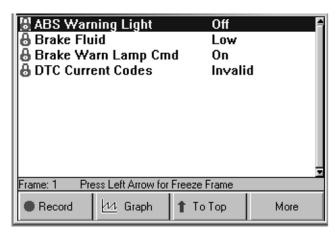


Figure 4.4: Datastream Screen

5 For details about the Datastream screen, refer to Chapter 3 Datastream on page 36.

# **5: Diagnostic Trouble Codes**

The Diagnostic Trouble Codes functions let you read, review, and clear diagnostic trouble codes (DTCs) for a vehicle.

The DTC option(s) that appear on the Diagnostic Menu screen vary depending on the vehicle being tested. For some vehicles, the menu option is Diagnostic Codes (see figure 5.1); for other vehicles, there are two menu options: Read Codes and Clear Codes (see figure 5.2).

The **Diagnostic Trouble Codes** option appears on the Diagnostic Menu screen for vehicles that allow reading of DTCs with a scan tool. This chapter includes the following procedures for using the Diagnostic Trouble Codes functions:

- Read Codes on page 53.
- Review Codes on page 59.
- Clear Codes on page 61.
- Self Diagnostics on page 63.
- Wiggle Test on page 66.

The **Read Codes** and **Clear Codes** options appear on the Diagnostic Menu screen (instead of the Diagnostic Codes option) for vehicles that require reading of DTCs by visually viewing them as flash codes. For this type of vehicle, you identify the vehicle's flash code numbers and manually enter the numbers into the **APOGEE** tool to see their descriptions. This chapter includes the following procedures for using the Read Codes and Clear Codes options when they appear directly on the Diagnostic Menu screen:

- Read Codes (Flash Codes) on page 68.
- Clear Codes (Flash Codes) on page 71.

**Note:** Before performing the procedures in this chapter, follow the instructions in Chapter 2 Start-up Steps on page 23.

**Note:** The ABS Reader II software has an automatic Diagnostic Code Triggered Record function. For vehicles with datastream access, if a diagnostic fault occurs while you are testing a vehicle, the software automatically alerts you with a screen message and creates a recording for playback. To replay these recordings, refer to Playback a Data File on page 39.

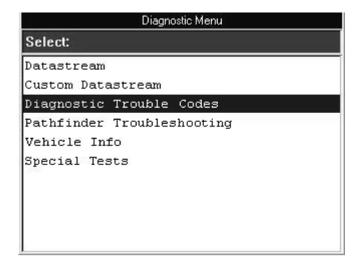


Figure 5.1: Diagnostic Menu Screen with Diagnostic Codes Option

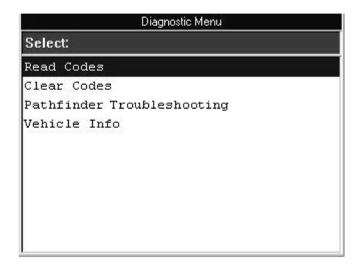


Figure 5.2: Diagnostic Menu Screen with Read Codes and Clear Codes
Ontions

## **Read Codes**

The Diagnostic Codes, Read Codes option lets you use the **APOGEE** tool to read DTCs from a vehicle that allows access to the vehicle's electronic control unit (ECU) through a data link connector (DLC).

Depending on the vehicle being tested, the Read Codes procedure varies. This section includes two separate Read Codes procedures, as follows: Read Codes

- Read and Display Codes (below) this procedure reads and displays the DTCs in one procedure.
- Read Codes Only (page 56)- this procedure only reads the DTCs. You have to use the Review Codes procedure (page 59) to view codes after reading them with this procedure.

## **Read and Display Codes**

Use these steps to read and display DTCs for vehicles that allow reading and displaying of codes in one procedure.

**Note:** For vehicles that require reading of DTCs by visually viewing them as flash codes, refer to Read Codes/Clear Codes (Flash Codes) on page 68.

#### To read and display DTCs, follow these steps:

**Note:** Before performing this procedure, make sure the vehicle's ignition key is in the On (Run) position with the engine off.

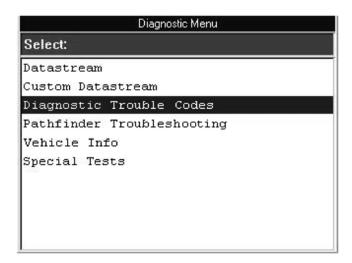


Figure 5.3: Diagnostic Menu Screen

1 From the Diagnostic Menu screen, select Diagnostic Codes and press the ENTER key. This displays the Diagnostic Trouble Codes menu screen.

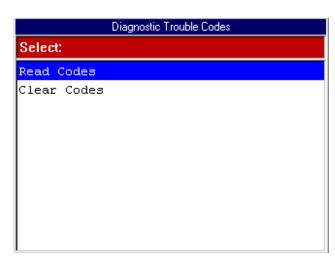


Figure 5.4: Diagnostic Trouble Codes Menu Screen

2 Select Read Codes and press the ENTER key. One of the following happens:

- If the vehicle's ECU stores current and history codes, the Read Codes menu screen appears (see figure 5.5). Continue with the next step.
- If the vehicle's ECU stores only current codes, the DTC Information screen appears (see figure 5.6). Go to Step 4.

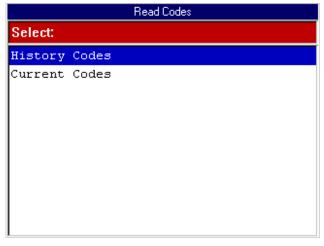


Figure 5.5: Read Codes Menu Screen

- 3 Select either History Codes or Current Code as follows:
  - **Note:** For some vehicles, the menu options may be Past and Present instead of History and Current.
  - Select History Codes and press the ENTER key to display history (or past) codes for the vehicle. History Codes are diagnostic trouble codes that have occurred intermittently.
  - Select Current Codes and press the ENTER key to display current (or present) codes for the vehicle. Current Codes are diagnostic trouble codes that have occurred a specified number of times.

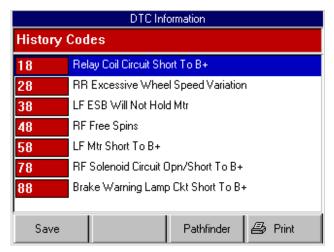


Figure 5.6: DTC Information Screen

**Note:** General Motors codes are generally listed as A, B, C, or D in order of importance for repair.

Read Codes

4 View the list and save or print it, if necessary. To view a saved file, refer to Playback a Datafile on page 39. For printing information, refer to Print on page 45.

**Note:** For some vehicles, the DTC Information screen has a Pathfinder function key. This function key lets you access the Pathfinder software's Quick Path function from with in the **APOGEE** software. For details, refer to Chapter 7 Pathfinder Troubleshooting on page 74.

5 Use the **EXIT** key to return to previous screens.

**Note:** Use the Clear Codes function to erase the codes from a vehicle's ECU. For details, refer to Clear Codes on page 61.

### Read Codes Only

Use these steps to read DTCs for vehicles that allow reading of codes as one procedure and viewing of codes as a separate procedure (review).

**Note:** These steps only read the DTCs. You have to use the Review Codes procedure (page 59) to view codes after reading them with this procedure.

**Note:** For vehicles that require reading of DTCs by visually viewing them as "flash codes," refer to Read Codes/Clear Codes (Flash Codes) on page 68.

To read codes, follow these steps:

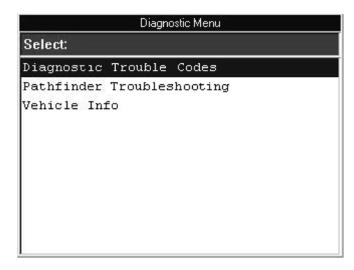


Figure 5.7: Diagnostic Menu Screen

1 From the Diagnostic Menu screen, select **Diagnostic** Codes and press the ENTER key. This displays the Diagnostic Trouble Codes menu screen (see figure 5.8 on page 57).

56

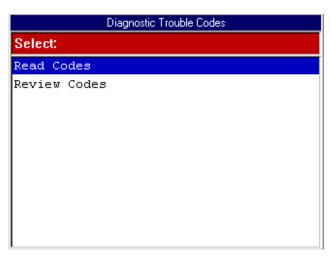


Figure 5.8: Diagnostic Trouble Codes Menu Screen

Select Read Codes and press the ENTER key. This displays an instruction or information screen, similar to the following screen.

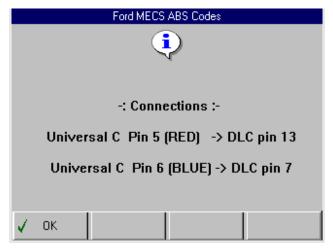


Figure 5.9: Information or Instruction Screen

**Note:** If connection information is provided (see figure 5.9). use the information to connect the APOGEE tool to the vehicle's DLC.

One or more information or instruction screens appear. Read the screens and follow all instructions. If necessary, use the function keys to answer any questions. Do this until the test screen appears (see figure 5.10).

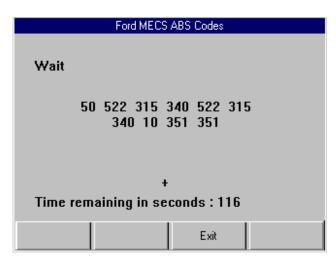


Figure 5.10: Read Codes Test Screen

The test screen displays the codes being read and the time remaining for the test. When the test is finished, the word Wait changes to Test completed. When this happens, press the EXIT function key to continue. This displays the following screen.

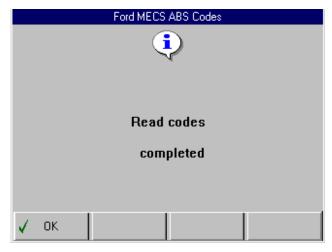


Figure 5.11: Read Codes Completed Screen

- 5 Press the **OK** function key.
- One or more instruction screens may appear telling you how to clear the codes from the vehicle. Read each screen and use the function keys to answer any questions.
- 7 When finished, use the EXIT key to return to previous screens.

**Note:** Use the Review Codes function to view a list of any codes that were read. For details, refer to Review Codes on page 59.

### Review Codes

## **Review Codes**

For some vehicles, the Review Codes option appears on the Diagnostic Trouble Codes menu screen. This option lets you review trouble codes after initially reading them.

To review diagnostic trouble codes, follow these steps:

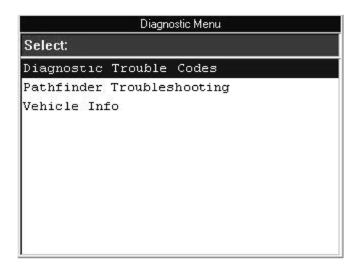


Figure 5.12: Diagnostic Menu Screen

 Select Diagnostic Codes from the Diagnostic Menu screen. This displays the Diagnostic Trouble Codes menu screen.

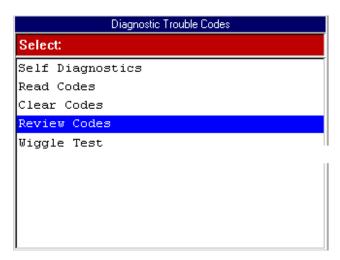


Figure 5.13: Diagnostic Trouble Codes Menu Screen

2 From the Diagnostic Trouble Codes screen, select Review Codes and press the ENTER key.

3 If another menu appears, select KOEO on Demand and press the ENTER key. This displays the list of codes on the Review Codes screen.

**Note:** If there are no codes to display, a message screen states that the code library is empty. If necessary, read the codes. Refer to Read Codes on Page 53.

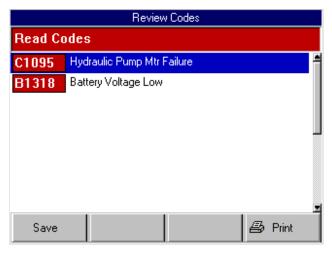


Figure 5.14: Review Codes Screen

- **4** View the list and save or print it, if necessary. To view a saved file, refer to Playback a Datafile on page 39. For printing information, refer to Print on page 45.
- 5 Use the **EXIT** key to return to previous screens.

**Note:** After reviewing the codes, if necessary, clear the codes from the vehicle and the **APOGEE** software. Use any instructions that were provided when reading the codes. For some vehicles the Diagnostic Trouble Codes menu screen may have a Clear Codes option. If so, refer to Clear Codes on page 61. If necessary, consult the manufacturer's service manual for the correct "clear code" method.

## **Clear Codes**

For some vehicles, the Clear Codes option appears on the Diagnostic Trouble Codes menu screen. This option lets you clear codes from a vehicle. For some vehicles, this procedure also clears codes stored in the USA 2005 ABS/Airbag software.

After reading and/or reviewing the diagnostic trouble codes, use the following steps to clear the codes from the vehicle. If Clear Codes is not an available menu option, consult the manufacturer's service manual for the correct clear code method.

#### To clear the DTCs, follow these steps:

**Note:** Before performing this procedure, make sure the vehicle's ignition key is in the On (Run) position with the engine off.

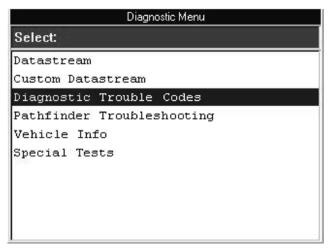


Figure 5.15: Diagnostic Menu Screen

 Select Diagnostic Codes from the Diagnostic Menu screen. This displays the Diagnostic Trouble Codes menu screen.

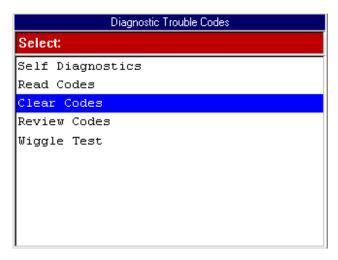


Figure 5.16: Diagnostic Trouble Codes Menu Screen

2 From the Diagnostic Trouble Codes menu screen, select Clear Codes and press the ENTER key. This displays a clear codes instruction screen similar to either figure 5.17 or figure 5.18.

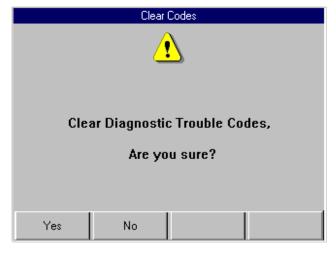


Figure 5.17: Clear Codes Instruction Screen

Self-Diagnostics

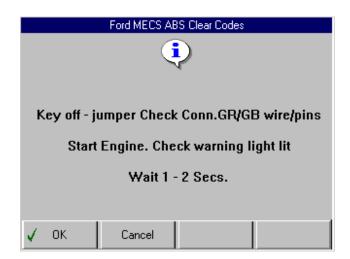


Figure 5.18: Clear Codes Instruction Screen

- 3 Read the screen and follow all instructions, if necessary. Press the appropriate function key.
- 4 After this, one or more information or instruction screens may appear. Read the screens and follow all instructions. If necessary, use the function keys to answer any questions. Do this until the Diagnostic Trouble Codes menu screen appears.
- 5 Use the **EXIT** key to return to previous screens.

**Note:** Check the codes again. If any codes remain, repeat the Clear Codes steps. Make sure the vehicle's ignition key is in the On (Run) position and the engine is off. (If codes remain, the problem may still exist in the vehicle.)

**Note:** GM supplemental inflatable restraint (SIR) code 52, which indicates the air bag has been deployed, cannot be cleared. All other codes clear and the SIR dash warning light turns off.

## **Self-Diagnostics**

For some vehicles (Ford), the Self-Diagnostics option appears on the DTC Menu screen. This function is a diagnostic test that is activated and managed by the vehicle. At the completion of the test, a list of diagnostic trouble codes displays on the screen.

**Note:** Before performing this procedure, make sure the vehicle's ignition key is in the On (Run) position with the engine off.

To perform a self diagnostic test, follow these steps:

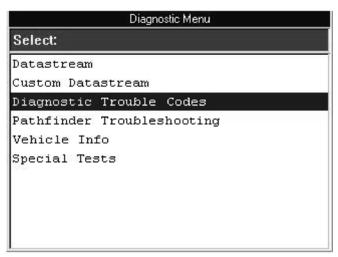


Figure 5.19: Diagnostic Menu Screen

1 From the Diagnostic Menu screen, select Diagnostic Codes and press the ENTER key. This displays the Diagnostic Trouble Codes menu screen.

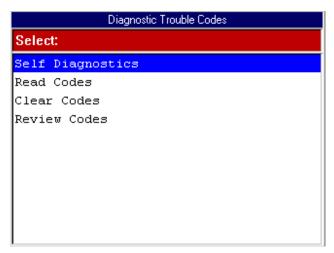


Figure 5.20: Diagnostic Trouble Codes Menu Screen

2 Select Self Diagnostics and press the ENTER key. This displays the Self Diagnostics menu screen.

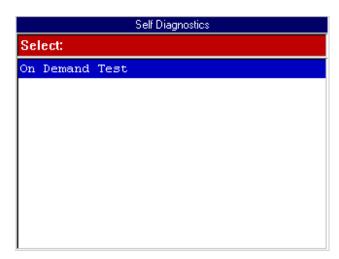


Figure 5.21: Self Diagnostics Menu Screen

3 Select On Demand Test and press the ENTER key. This displays the On Demand Test screen.

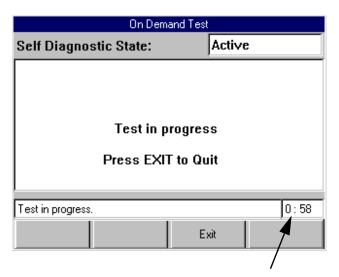


Figure 5.22: Self Diagnostic On Demand Test Screen

Wait for the test to start. While the test runs, a timer counts down the time remaining for the test. When the test is complete, an instruction screen (similar to figure 5.23) may appear.



Figure 5.23: Self Diagnostic Test Instruction Screen

- 5 Read and follow the instructions on the screen and press the OK function key.
- 6 One or more instruction screens may appear. If so, read each screen and use the function keys to answer any questions. Do this until the list of codes appears on the DTC Info screen.

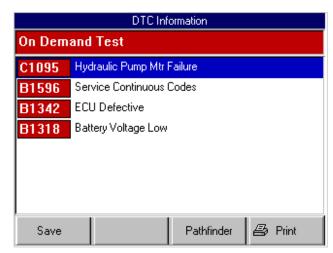


Figure 5.24: DTC Information Screen

7 View the list and save or print it, if necessary. To view a saved file, refer to Playback a Datafile on page 39. For printing information, refer to Print on page 45.

**Note:** For some vehicles, the DTC Information screen has a Pathfinder function key. This function key lets you access the Pathfinder software's Quick Path function from with in the **APOGEE** software. For details, refer to Chapter 7: Pathfinder Troubleshooting on page 74.

8 Use the **EXIT** key to return to previous screens.

**Note:** After viewing the codes, clear the codes. Refer to Clear Codes on page 61.

## **Wiggle Test**

For some vehicles (Ford), the Wiggle Test option appears on the DTCs Menu screen. This function checks for intermittent breaks in connections and for resulting DTCs. When a circuit break is detected, the **APOGEE** tool beeps and places the code in memory.

To perform a wiggle test, follow these steps:

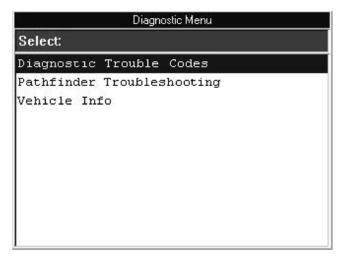


Figure 5.25: Diagnostic Menu Screen

1 From the Diagnostic Menu screen, select Diagnostic Codes and press the ENTER key. This displays the Diagnostic Trouble Codes menu screen.

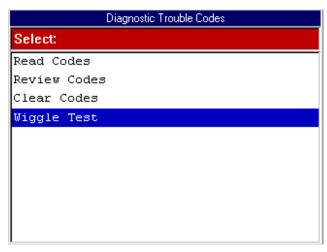


Figure 5.26: Diagnostic Trouble Codes Menu Screen

- 2 Select Wiggle Test and press the ENTER key.
- 3 One or more information or instruction screens may appear. Read the screens and follow all instructions. If necessary, use the **function keys** to answer any questions. Do this until the Wiggle Test screen appears.

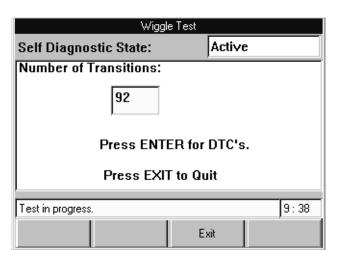


Figure 5.27: Wiggle Test Screen

4 The test screen displays the state of the test, the number of transitions (circuit breaks that occur), and the time remaining for the test. While the test is running, wiggle the wiring and wiring connections or drive the vehicle to recreate the intermittent failure condition suspected.

**Note:** To stop the test before the test time expires, press the EXIT function key.

To finish the test, press the ENTER key. This displays a list of any DTCs that occurred.

**Note:** One or more instruction screens may appear. If so, read each screen and use the **function keys** to answer any questions. Do this until the list of codes appears on the DTC Info screen.



Figure 5.28: DTC Information Screen

- 6 View the list and save or print it, if necessary. To view a saved file, refer to Playback a Datafile on page 39. For printing information, refer to Print on page 45.
- 7 Use the EXIT key to return to previous screens.

**Note:** After viewing the codes, clear the codes. Refer to Clear Codes on page 61.

Read Codes / Clear Codes (Flash Codes)

# Read Codes / Clear Codes (Flash Codes)

If a vehicle requires that you read diagnostic trouble codes by visually viewing them as "flash codes," the Read Codes and Clear Codes menu options appear directly on the Diagnostic Menu screen (instead of the Diagnostic Codes option).

For this type of vehicle, you identify the vehicle's flash code numbers and manually enter the numbers into the *APOGEE* tool to see their descriptions. The Read Codes function provides instructions for how to physically view the flash codes and lets you enter the code numbers to see their descriptions. The Clear Codes function provides instructions for how to manually clear flash codes from the vehicle.

**Note:** Flash codes are DTCs that you identify by: 1) grounding a pin on the vehicle's check connector to trigger a specific indictor light to blink, and 2) viewing and counting the number of times the indicator light blinks.

This section includes the following procedures:

- · Read Codes (Flash Codes) (below)
- CLear Codes (Flash Codes) on page 71

## Read Codes (Flash Codes)

When the Read Codes option appears on the Diagnostic Menu screen, use the option to: 1) view instructions for how to physically view flash codes from the vehicle, and 2) to enter the flash code numbers into the *APOGEE* tool to see their descriptions.

To read flash codes, follow these steps:

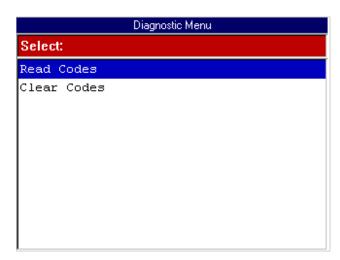


Figure 5.29: Diagnostic Menu Screen

1 From the Diagnostic Menu screen, select Read Codes and press the ENTER key. This displays the Connector Location screen.

**Note:** The Connector Location screen is not available for all vehicles. If this screen does not appear, go to Step 4.

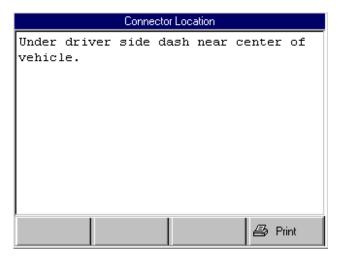


Figure 5.30: Connector Location Screen

- 2 View the information and print it, if necessary. For printing information, refer to Print on page 45.
- 3 Press the ENTER key. This displays the DTC Retrieval Procedure screen.

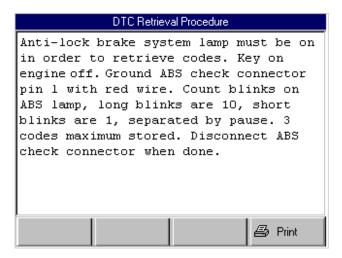


Figure 5.31: DTC Retrieval Procedure Screen

- 4 View the DTC retrieval procedure and print it, if necessary. For printing information, refer to Print on page 45.
- 5 Use the connector location and DTC retrieval procedure to read the flash codes from the vehicle. When you know the codes, press the ENTER key. This displays the Possible Codes screen.

Read Codes / Clear Codes (Flash Codes)

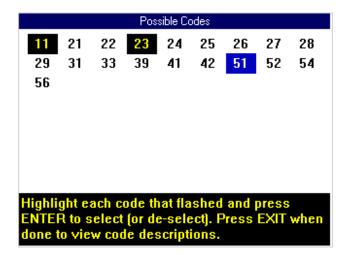


Figure 5.32: Possible Codes Screen

- 6 Use the Possible Codes screen to enter the flash codes as follows:
  - a Use the **Direction** keys to select (highlight) a code number. With the number selected, press the **ENTER** key.
  - b Repeat step a until all the flash codes are highlighted.
  - **c** Press the **EXIT** key to display the code descriptions. This displays the Review Codes screen.

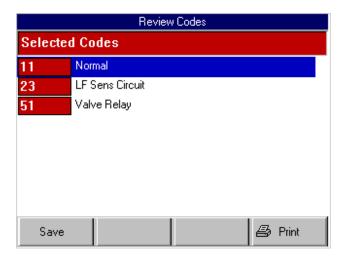


Figure 5.33: Review Codes Screen

- 7 View the list and save or print it, if necessary. To view a saved file, refer to Playback a Datafile on page 39. For printing information, refer to Print on page 45.
- 8 Press the **EXIT** key to return to the Diagnostic Menu screen.
- **9** Clear the codes. Refer to Clear Codes (Flash Codes) on page 71.

## **Clear Codes (Flash Codes)**

After retrieving flash codes from a vehicle (refer to Read Codes (Flash Codes) on page 68), use the following steps to clear the codes from the vehicle.

**Note:** If necessary, consult the manufacturer's service manual for the correct "clear code" method.

To clear flash codes, follow these steps:

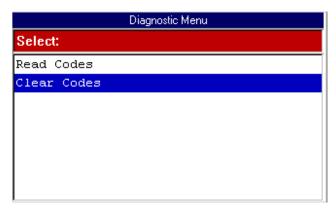


Figure 5.34: Diagnostic Menu Screen

1 From the Diagnostic Menu screen, select Clear Codes and press the ENTER key. This displays the Erase Procedure screen.

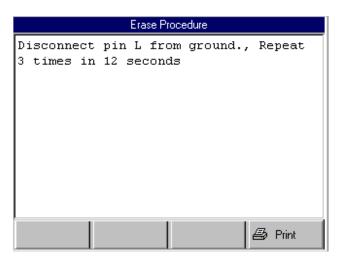


Figure 5.35: Erase Procedure Screen

- 2 View the information and print it, if necessary. For printing information, refer to Print on page 45.
- 3 Press the EXIT key to return to the Diagnostic Menu screen.
- 4 Use the erase procedure to clear the flash codes from the vehicle.

**APOGEE User Guide** Read Codes / Clear Codes (Flash Codes)

## **6: Post Collision Test**

The Post Collision Test function is a preset test for testing air bags after repair.

Note: Before performing the test steps, follow the instructions in Chapter 2: Start-up Steps on page 23.

To perform a Post Collision Test, follow these steps:

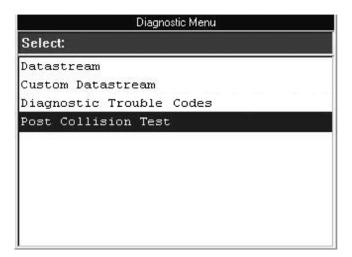


Figure 6.1: Diagnostic Menu Screen

**Note:** For some vehicles, the Post Collision Test option may be available only after first selecting Diagnostic Trouble Codes. The option then appears on the Diagnostic Trouble Codes menu screen.

1 Select Post Collision Test and press the ENTER key. This displays an instruction screen.



Figure 6.2: Post Collision Test Screen

- 2 Read the screen, follow the instructions, and press the ENTER key.
- **3** After this, several instruction screens appear. Read the screens and follow all instructions. Do this until the Diagnostic Trouble Codes menu screen appears.

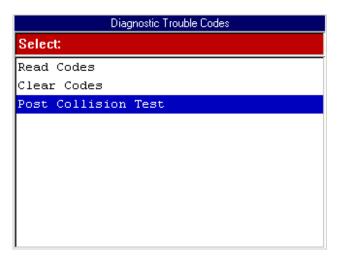


Figure 6.3: Diagnostic Trouble Codes Menu Screen

Note: The Post Collision Test option may not appear on the menu at this time.

- 4 Do one of the following:
  - If the SIR warning lamp is off, the procedure is complete. Use the EXIT key to return to previous screens.
  - If the SIR warning lamp is on, continue with the next step.
- 5 Select Read Codes from the Diagnostic Trouble Codes menu screen and press the ENTER key.

**Note:** If the Read Codes menu screen appears, select **Current Codes** from the menu and press the **ENTER** key. This displays the DTC Information screen.

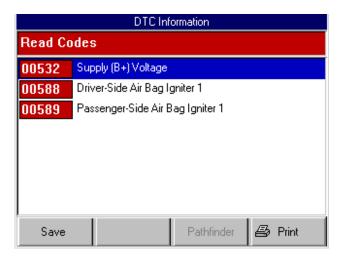


Figure 6.4: DTC Information Screen

6 View the list and save or print it, if necessary. To view a saved file, refer to Playback a Datafile on page 39. For printing information, refer to Print on page 45.

**Note:** For more information about DTCs and the DTC Information screen, refer to Chapter 5: Diagnostic Trouble Codes: on page 52.

- 7 Use the **EXIT** key to return to previous screens.
- 8 If necessary, use the Clear Codes function to erase the codes from the vehicle's ECU. For details, refer to Clear Codes: on page 61.
- **9** Do any further air bag repairs and repeat the test.

## 7: Pathfinder Troubleshooting

The Pathfinder Troubleshooting function lets you access the Pathfinder software's functions from within the *APO-GEE* software. This option lets you view vehicle-specific information for some 1988-2003 GM, Saturn, Ford, Chrysler, and Jeep vehicles.

**Note:** You can also access the Pathfinder Troubleshooting functions from within the **APOGEE** software by doing one of the following:

- From the Datastream screen, press the More function key and select the Pathfinder option. For details, refer to Pathfinder on page 44.
- From the DTC Information screen, press the Pathfinder function key. For details, refer to Read and Display Codes on page 53.

This chapter includes procedures for using the following Pathfinder Troubleshooting functions:

- Repair Trac used to access the Repair Trac software from within the APOGEE software. (See the steps on the following page.)
- TSB References used to view numbers and titles of technical service bulletins that apply to a vehicle. (See page 77.)
- Specifications used to view brake and ABS specifications for a vehicle. (See page 78.)
- Component Location used to view a description of the computer and connector locations for a vehicle. (See page 79.)
- Brake Bleed Procedure used to view instructions for bleeding a vehicle's brakes. (See page 81.)
- Brake Bleed Sequence used to view a description of the correct sequence for bleeding a vehicle's brakes. (See page 82.)

Note: Before performing the procedures in this chapter, follow the instructions in Chapter 2: Start-up steps on page 23.

Repair Trac

## **Repair Trac**

The Repair Trac option lets you access the Repair Trac software from within the *APOGEE* software. The Repair Trac software contains repair instructions for hard-to-diagnose "pattern failures" on vehicles with 50,000 or more miles.

**Note:** You can also access the Repair Trac software from the **APOGEE** tool's Repair Information menu, depending on the system version in the tool. If you do this, you will need to enter the vehicle information again.

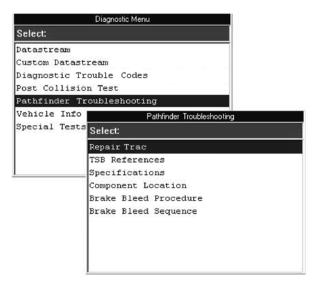


Figure 7.1: Diagnostic Menu Screen and Pathfinder Screen

- 1 From the Diagnostic Menu screen, select Pathfinder Troubleshooting and press the ENTER key. This displays the Pathfinder screen.
- 2 From the Pathfinder screen, select **Repair Trac** and press the **ENTER** key. This displays the Repair Trac screen for the vehicle (see figure 7.2).

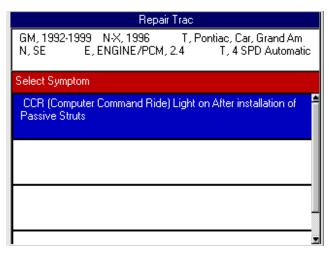


Figure 7.2: Repair Trac Symptoms Screen

3 From the list of symptoms, select a symptom to view and press the **ENTER** key. This displays the Repair Trac Problems and Fixes screen.

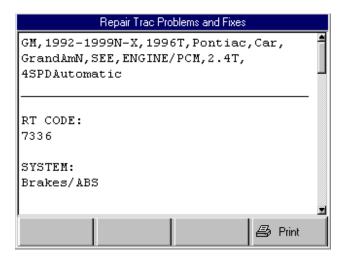


Figure 7.3: Repair Trac Problems and Fixes Screen

Note: The RT (Repair Trac) Code on this screen is a software code only. It is not a part of any diagnostic trouble code (DTC).

- 4 View the description and print it, if necessary. For printing information, refer to Print on page 45.
- **5** When finished, use the **EXIT** key to return to previous screens.

## **TSB References**

The TSB References option lets you look up the numbers and titles of technical service bulletins for a vehicle.

To view the TSB references, follow these steps:

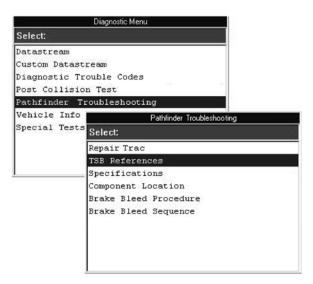


Figure 7.4: Diagnostic Menu Screen and Pathfinder Screen

- 1 From the Diagnostic Menu screen, select **Pathfinder Troubleshooting** and press the **ENTER** key. This displays the Pathfinder screen.
- 2 From the Pathfinder screen, select **TSB References** and press the **ENTER** key. This displays the TSB References screen.

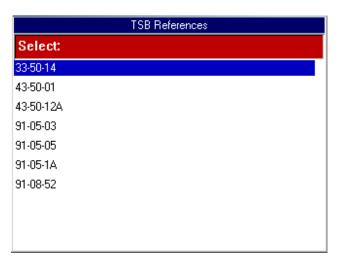


Figure 7.5: TSB References Screen

3 From the list of TSBs, select a TSB to view and press the **ENTER** key. This displays a brief description of the TSB.

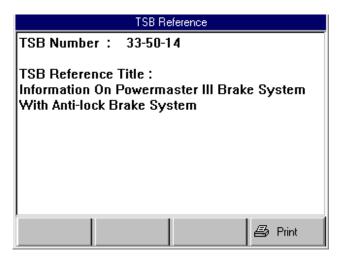


Figure 7.6: TSB Reference Screen

- 4 View the description and print it, if necessary. For printing information, refer to Print on page 45.
- 5 When finished, use the EXIT key to return to previous screens.

## **Specifications**

The Specifications option lets you view tune-up, engine, and system specifications for a vehicle.

To view the vehicle specifications, follow these steps:

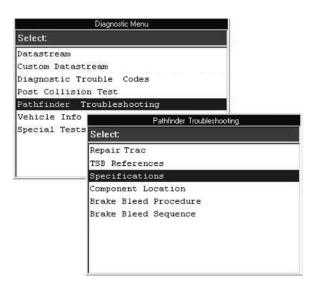


Figure 7.7: Diagnostic Menu Screen and Pathfinder Screen

- 1 From the Diagnostic Menu screen, select Pathfinder Troubleshooting and press the ENTER key. This displays the Pathfinder screen.
- 2 Select Specifications and press the ENTER key. This displays the Specifications screen.

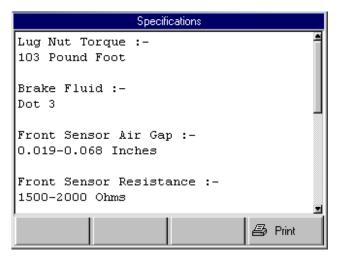


Figure 7.8: Specifications Screen

- 3 View the specifications and print them, if necessary. For printing information, refer to Print on page 45.
- 4 When finished, use the EXIT key to return to previous screens.

## **Component Location**

The Component Location option lets you view a description of the computer and connector locations for a vehicle.

To view the component locations, follow these steps:

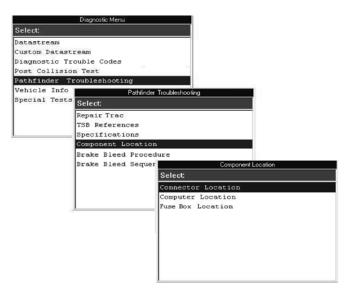


Figure 7.9: Diagnostic Menu Screen, Pathfinder Screen, and Component Location Screen

- 1 From the Diagnostic Menu screen, select Pathfinder Troubleshooting and press the ENTER key. This displays the Pathfinder screen.
- 2 Select Component Location and press the ENTER key. This displays the Component Location screen. Do one of the following:
  - Select **Connector Location** and press the **ENTER** key to view a description of where the vehicle's data link connector (DLC) is located. This displays the Connector Location screen (see figure 7.10).

- Select Computer Location and press the ENTER key to view a description of where the vehicle's electronic control
  unit (ECU) is located. This displays the Connector Location screen (see figure 7.11).
- Select **Fuse Box Location** and press the **ENTER** key to view a description of where the vehicle's fuse box(es) are located. This displays the Connector Location screen (not shown).

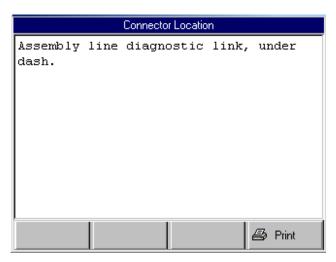


Figure 7.10: Connector Location Screen



Figure 7.11: Computer Location Screen

- 3 View the description and print it, if necessary. For printing information, refer to Print on page 45.
- 4 When finished, use the EXIT key to return to previous screens.

## **Brake Bleed Procedure**

The Brake Bleed Procedure option lets you view instructions for bleeding a vehicle's brakes.

To view the brake bleed procedure, follow these steps:

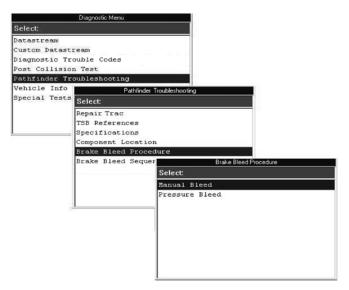


Figure 7.12: Diagnostic Menu Screen, Pathfinder Screen, and Brake Bleed Procedure Screen

- 1 From the Diagnostic Menu screen, select Pathfinder Troubleshooting and press the ENTER key. This displays the Pathfinder screen.
- 2 Select Brake Bleed Procedure and press the ENTER key. This displays the Brake Bleed Procedure screen.
- 3 Select either Manual Bleed or Pressure Bleed and press the ENTER key. This displays either the Manual Bleed Procedure screen (see figure 7.13) or the Pressure Bleed Procedure screen (see figure 7.14).

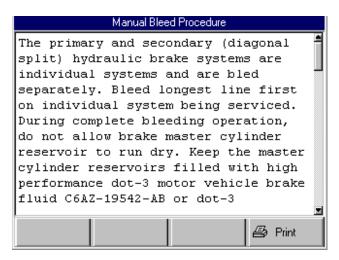


Figure 7.13: Manual Bleed Procedure Screen

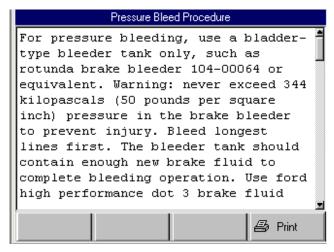


Figure 7.14: Pressure Bleed Procedure Screen

- 4 View the procedure and print it, if necessary. For printing information, refer to Print on page 45.
- 5 When finished, use the **EXIT** key to return to previous screens.

## **Brake Bleed Sequence**

The Brake Bleed Sequence option lets you view a description of the correct sequence for bleeding a vehicle's brakes.

To view the brake bleed sequence, follow these steps:

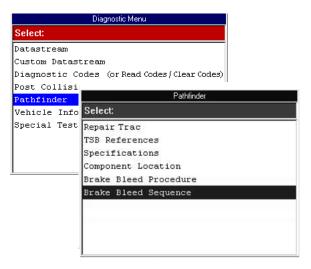


Figure 7.15: Diagnostic Menu Screen and Pathfinder Screen

- 1 From the Diagnostic Menu screen, select Pathfinder Troubleshooting and press the ENTER key. This displays the Pathfinder screen.
- 2 Select Brake Bleed Sequence and press the ENTER key. This displays the Brake Bleed Sequence screen.

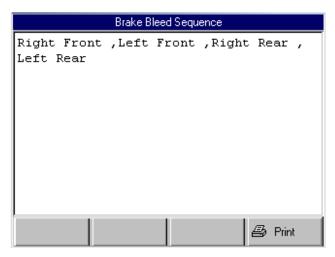


Figure 7.16: Brake Bleed Sequence Screen

- 3 View the description and print it, if necessary. For printing information, refer to Print on page 45.
- 4 When finished, use the **EXIT** key to return to previous screens.

## 8: Vehicle Info

The Vehicle Info function lets you view vehicle-specific information. This chapter includes procedures for using the following Vehicle Info functions:

- Specifications used to view brake and ABS specifications for a vehicle. (See the steps below.)
- Related TSBs used to view numbers and titles of technical service bulletins that apply to a vehicle. (See page 85.)
- System Type used to view the description of the vehicle being tested. (See page 87.)
- PROM Identification for some GM vehicles, used to view PROM information. (See page 88.)

Note: Before performing the procedures in this chapter, follow the instructions in Chapter 2: Start-up Steps on page 23.

## **Specifications**

The Specifications option lets you view brake and ABS specifications.

To view the vehicle specifications, follow these steps:

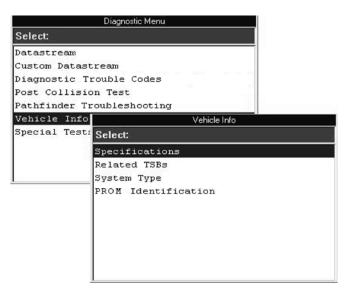


Figure 8.1: Diagnostic Menu Screen and Vehicle Info Screen

Related TSBs

- 1 From the Diagnostic Menu screen, select Vehicle Info and press the ENTER key. This displays the Vehicle Info screen.
- 2 Select Specifications and press the ENTER key. This displays the Specifications screen.

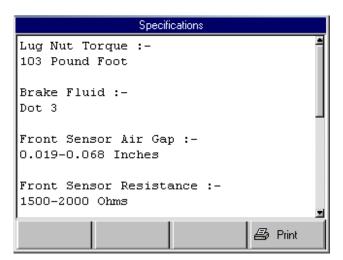


Figure 8.2: Specifications Screen

- 3 View the specifications and print them, if necessary. For printing information, refer to Print on page 45.
- 4 When finished, use the EXIT key to return to previous screens.

## Related TSBs

The Related TSBs option lets you look up the numbers and titles of technical service bulletins.

To view the related TSBs, follow these steps:

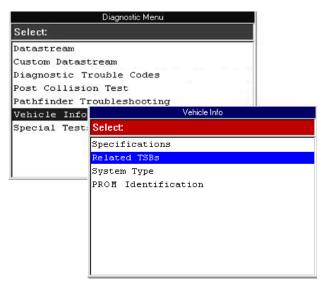


Figure 8.3: Diagnostic Menu Screen and Vehicle Info Screen

- 1 From the Diagnostic Menu screen, select Vehicle Info and press the ENTER key. This displays the Vehicle Info screen.
- 2 Select Related TSBs and press the ENTER key. This displays the TSB References screen.

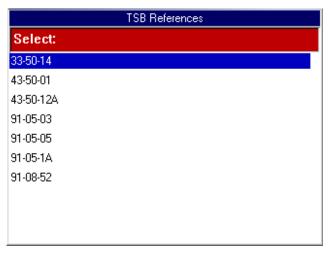


Figure 8.4: TSB References Screen

3 Select a TSB to view and press the ENTER key. This displays a brief description of the TSB.

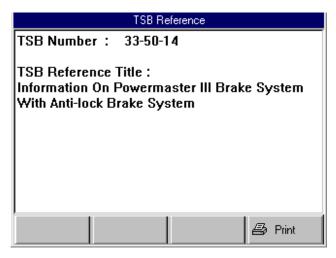


Figure 8.5: TSB Reference Screen

- 4 View the description and print it, if necessary. For printing information, refer to Print on page 45.
- 5 When finished, use the **EXIT** key to return to previous screens.

## **System Type**

The System Type option lets you view the vehicle description.

To view the system type, follow these steps:

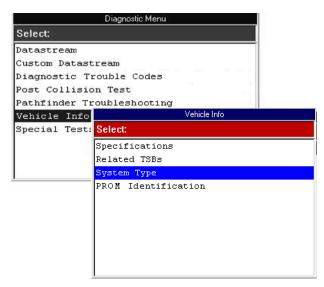


Figure 8.6: Diagnostic Menu Screen and Vehicle Info Screen

- 1 From the Diagnostic Menu screen, select Vehicle Info and press the ENTER key. This displays the Vehicle Info screen.
- 2 Select **System Type** and press the **ENTER** key. This displays the System Information screen.

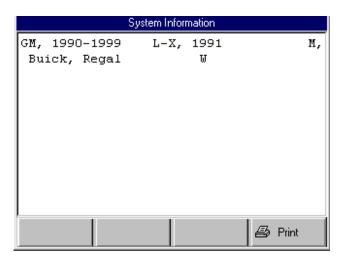


Figure 8.7: System Information Screen

- 3 View the information and print it, if necessary. For printing information, refer to Print on page 45.
- 4 When finished, use the EXIT key to return to previous screens.

## **PROM Identification**

The PROM Identification option, which is available for some GM vehicles, lets you view the Programmable Read Only Memory (PROM) 4-digit identification number and additional PROM related information.

To view PROM information, follow these steps:

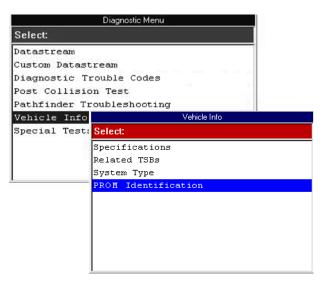


Figure 8.8: Diagnostic Menu Screen and Vehicle Info Screen

- 1 From the Diagnostic Menu screen, select Vehicle Info and press the ENTER key. This displays the Vehicle Info screen.
- 2 Select PROM Identification and press the ENTER key. This displays the PROM Identification screen.
- 3 View the information and print it, if necessary. For printing information, refer to Print on page 45.
- 4 When finished, use the **EXIT** key to return to previous screens.

## 9: Controller ID

The Controller ID function displays identification information about the selected ECU (Audi and Volkswagen).

Note: Before performing the test steps, follow the instructions in Chapter 2: Start-up on 23.

To display the Controller ID information, follow these steps:

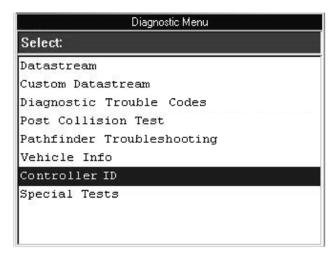


Figure 9.1: Diagnostic Menu Screen

1 Select Controller ID and press the ENTER key. This displays the ECU Identification Data screen.

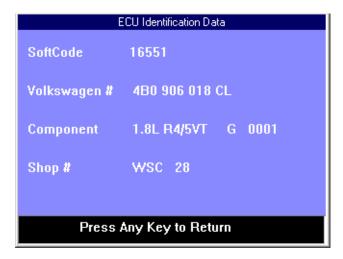


Figure 9.2: ECU Identification Screen

- 2 View the data.
- 3 When finished, use the **EXIT** key to return to previous screens.

## 10: Special Tests

The Special Tests function lets you perform special bi-directional diagnostic tests on anti-lock brake systems (ABS) and air bags. The tests let you use the **APOGEE** tool to activate or control the system components.

Note: During a test, you use the tool to temporarily control a selected component. When you exit the test, the component returns to the normal setting.

This chapter includes a basic procedure for doing the special tests, brief descriptions of the special tests, and examples of common special test screens.

Note: While performing a special test, a Fault Code Detected screen may appear indicating a fault exists. Repair the problem and clear the diagnostic test code(s) before continuing the special test. For details about clearing codes, refer to Chapter 5: Diagnostic Trouble Codes.

Note: The APOGEE software has an automatic Diagnostic Code Triggered Record function. If a diagnostic fault occurs while you are testing a vehicle, the software automatically alerts you with a screen message and creates a recording for playback. To replay these recordings, refer to Playback a Datafile on page 39.



## **WARNING:**

Before performing any tests, refer to the Safety Precautions and instructions provided in this User Guide and the warnings provided by the vehicle manufacturer. In addition, follow any warnings and descriptions provided on the APOGEE tool screens.



### WARNING:

During active testing, bi-directional component activation is automatically "inhibited" when required to allow brake components adequate time to cool down. Do not bypass this cool-down period by restarting the test or by using any other means of bypassing the cool-down period.

## **Basic Special Test Procedure**

The special tests vary for each vehicle, year, and component (ABS, Air Bag, etc.). This section provides basic steps for the special tests.

#### To perform special tests on a vehicle, follow these steps:

1 Perform the steps in Chapter 2 Start-up Steps to enter the vehicle information and display the Diagnostic Menu screen.

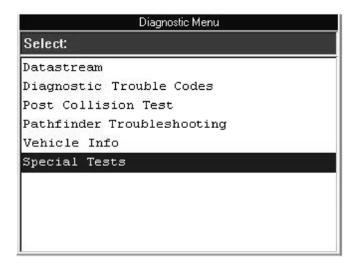


Figure 10.1: Diagnostic Menu Screen

2 From the Diagnostic Menu screen, select **Special Tests**. This displays the Special Tests menu screen (figure 10.2).

Note: If an identification screen appears, review the screen and press the **ENTER** key to display the Special Tests menu screen.



Figure 10.2: Special Tests Menu Screen

Note: The screen shown above is only an example. Actual screens vary by vehicle and component.

- 3 From the Special Tests menu screen, select the test you want to perform and press the ENTER key.
- 4 A group selection screen, test selection screen, several step-by-step instruction screens, or bi-directional control screen may appear. Read the screens and follow all instructions. If necessary, use the function keys to perform commands or answer any questions. Use the ENTER key as instructed. (See Special Test Screen Examples on page 97.)
- 5 When finished, use the **EXIT** key to return to previous screens.

## **Special Test Descriptions**

This section includes brief descriptions of many of the special tests. Actual tests vary by vehicle manufacturer, year, make, component, etc. For complete test instructions and specifications, refer to the vehicle service manual for the vehicle being tested.

#### **ABS Manual Control Tests**

Manual Control Tests let you use the **APOGEE** tool to manually control the actuators in order to test the following: ABS motors, solenoids, solenoid enable relays, EMBs, and more.

You can confirm proper operation by comparing what you command with the **APOGEE** tool to what the ECU sees as a response and to what the actual output is at the component.

### **ABS Motor Test**

The Motor Test lets you use the **APOGEE** tool to manually control the ABS pump motor. For some vehicles, the **APOGEE** tool runs the test automatically; for other vehicles, the tool displays instructional screens for you to perform the test manually.

#### **ABS Version Test**

The ABS Version test displays the name of the brake system and the ABS controller version number, software ID, and sequence value.

#### **Actuator Tests**

The Actuator Tests let you use the **APOGEE** tool to manually control the actuators in order to test the following: AYC valves, inlet valves, outlet valves, pump motors, TRACS valves.

You can confirm proper operation by comparing what you command with the **APOGEE** tool to what the ECU sees as a response and to what the actual output is at the component.

#### Autobleed Test, Automated Bleed, or Service Bleed

The bleed tests remove air from the internal brake fluid chambers after servicing the brakes. For some vehicles, the **APOGEE** tool runs the test automatically; for other vehicles, the tool displays instructional screens for you to perform the test manually.

The test usually cycles the valve solenoids so you can use brake pedal feel to diagnose solenoid problems, pump output problems, and pedal feel complaints. The final phase of the test releases brake pressure from each hydraulic channel in sequence, allowing you to identify pedal travel problems, solenoid leakage, or internal problems.

#### **IMPORTANT:**

- · Before bleeding the brake system, make sure no diagnostic codes are present.
- Do not let the master cylinder run dry during the brake bleeding procedure.
- Do not allow brake fluid to contact the motor pack or the electrical connectors.

**IMPORTANT:** Use a recommended brake fluid. Do not use silicone brake fluids in an ABS-equipped vehicle.



#### **WARNING:**

After bleeding the brake system, check the brake pedal for excessive travel or a "spongy" feel. Bleed again if either condition is present.

#### **Automated Test**

The Automated Test automatically commands each solenoid valve and the pump motor on and off to test for proper operation. If there is a malfunction, a diagnostic trouble code (DTC) is set in the vehicle.

## **Brake Bleed Preparation Test**

The Brake Bleed Preparation Test prepares the brake lines for bleeding by clearing air from the modulator. The test rehomes all the ABS and TCS motors, cycles the TCS motors, and then returns all motors to the "home" position at the bottom of the bore.

Usually, the tool displays instructional screens for you to perform the test manually

### **Function Test**

The Function Test automatically commands the ABS relay, valve solenoids, and pump motor on and off to test for proper operation. If there is a malfunction, a diagnostic trouble code (DTC) is set in the vehicle.

#### **Gear Tension Relief Test**

The Gear Tension Relief Test relieves tension from the ABS motor gears so you can separate the ABS motor pack from the ABS hydraulic modulator.

For some vehicles, the **APOGEE** tool runs the test automatically; for other vehicles, the tool displays instructional screens for you to perform the test manually.

## **Hydraulic Control Tests**

The Hydraulic Control Tests let you use the **APOGEE** tool to manually engage and disengage the ABS solenoids for troubleshooting the hydraulic functions.

## Idle Up Manual Control Test

The Idle Up Tests let you use the APOGEE tool to manually control the idle up actuators.

### **Lamp Tests**

The Lamp Tests lets you use the **APOGEE** tool to manually control the ABS or TCS warning or indicator lamps.

#### **Manual Control Test**

See ABS Manual Control Tests on page 94.

### **Motor Rehome Test**

The Motor Rehome Test prepares the brake lines for bleeding by clearing air from the modulator. The test returns all ABS motors to their "home" positions.

For some vehicles, the **APOGEE** tool runs the test automatically; for other vehicles, the tool displays instructional screens for you to perform the test manually.

#### IMPORTANT:

- Before rehoming the brake system, make sure no diagnostic codes are present.
- Do not let the master cylinder run dry during the rehoming or brake bleeding procedures.
- Do not allow brake fluid to contact the motor pack or the electrical connectors.

IMPORTANT: Use a recommended brake fluid, do not use silicone brake fluids in an ABS-equipped vehicle.



### **WARNING:**

After bleeding the brake system, check the brake pedal for excessive travel or a "spongy" feel. Bleed again if either condition is present.

## **Pump Motor Tests**

The Pump Motor Tests lets you use the **APOGEE** tool to manually control the pump motor. For some vehicles, the **APOGEE** tool runs the test automatically; for other vehicles, the tool displays instructional screens for you to perform the test manually.

## **Relay Test**

The Relay Test lets you use the **APOGEE** tool to manually engage and disengage either the ABS or TCS relays in order to test relay operation.

## **Requested Torque Test**

The Requested Torque Test lets you use the **APOGEE** tool to manually control the engine torque to test for proper operation of the traction control system (TCS).

## Setup SDM Serial Number (Air Bag Sensing and Diagnostic Module)

The Setup SDM Serial Number in DIM test lets you program a new air bag serial number into the dash integration module (DIM). You use this test after installing a new air bag; otherwise a diagnostic trouble code will be set when you turn on the ignition.

The tool displays instructional screens for you to perform the test manually.

#### Solenoid Tests

The Solenoid Tests let you use the **APOGEE** tool to manually control the inlet and output valve solenoids.

You can confirm proper operation by comparing what you command with the **APOGEE** tool to what the ECU sees as a response and to what the actual output is at the solenoid.

### System Identification

The System Identification test displays information about the brake system, the vehicle, and the ABS controller.

#### **TCS Test**

The TCS test lets you use the **APOGEE** tool to control the pump motor in order to apply fluid pressure to the front wheel circuits.

### Traction Control System (TCS) Manual Control Tests

The TCS Manual Control Tests let you use the **APOGEE** tool to perform motor tests and an adjuster assembly control test. You can confirm proper operation by comparing what you command with the **APOGEE** tool to what the ECU sees as a response and to what the actual output is at the component.

## Voltage Load Test

The Voltage Load Test "loads" the ABS battery supply circuit to test for adequate battery capacity.

## **Special Test Screen Examples**

There are two basic types of special test screens: instructional and bi-directional control.

## **Instructional Screen Example**

Instructional screens contain step-by-step instructions for performing a special test. You simply follow the instructions provided on each screen.



Figure 10.3: Instructional Screen Example

## **Bi-Directional Control Screen Examples**

The bi-directional control screens vary in appearance, but they all allow you to manually control the vehicle's relays, solenoids, lamps, and other components.

## Basic Single Component Control Screen

The following screen is the basic manual control screen for a single component. You press the Start function key to begin and then use the On and Off function keys to control the component.

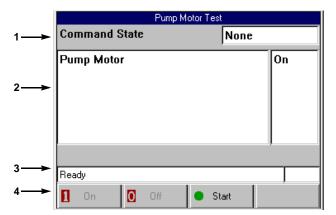


Figure 10.4: Single Component Control Screen Example

- Item 1 This area displays the command you have issued through the scan tool (On, Off).
- **Item 2** This area displays the state of the component being read by the ECU. The bottom of this area may also contain special test instructions.
- Item 3 The status line displays the current status of the test.
- **Item 4** The function keys let you manually control the component as necessary. Compare what is commanded by the **APOGEE** tool to the state of the component being read by the ECU to the actual physical state of the component.

## Basic Multiple Component Control Screen

The following screen is the basic manual control screen for multiple components. This screen allows control of more than one component and has a More function key menu for performing additional functions. You select a component and then press the Start function key to begin. You then use the On and Off function keys to control the selected component.

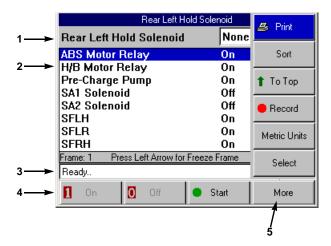


Figure 10.5: Multiple Component Control Screen Example

- Item 1 This area displays the command you have issued through the scan tool (On, Off).
- Item 2 This area displays the list of components you can control along with the state of each component being read by the ECU.
- Item 3 The status line displays the current status of the test.
- **Item 4** The function keys let you manually control the component as necessary. Compare what is commanded by the **APOGEE** tool to the state of the component being read by the ECU to the actual physical state of the component.
- Item 5 The More menu contains basic Datastream functions. For details, refer to Datastream Functions on page 38.

## Solenoid, Relay Controls Screen

The following screen is the basic manual control screen for a solenoid and enable relay. You press the Start function key to begin (when you press Start, the key name changes to Exit). You then use the Solenoid and Relay function keys to control the components.

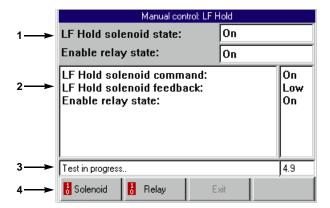


Figure 10.6: Solenoid, Relay Controls Screen Example

- Item 1 This area displays the commands you have issued through the scan tool (On, Off).
- **Item 2** This area displays the states of the components being read by the ECU. The bottom of this area may also contain special test instructions.
- **Item 3** The status line displays the current status of the test.
- **Item 4** The function keys let you manually control the component as necessary. Compare what is commanded by the **APOGEE** tool to the state of the component being read by the ECU to the actual physical state of the component.

### **Automatic Test Screen**

The following screen is an example of an automatic test screen. You press the Start function key to begin the automatic test.

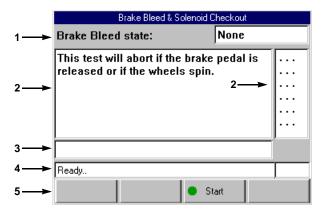


Figure 10.7: Automatic Test Screen Example

- Item 1 This area displays the state of the test commands being issued by the scan tool (On, Off).
- Item 2 This area displays each component. As the test runs, the brackets around the dots indicate the component(s) currently being tested.

**Note:** The bracket on the left side of the dot represents the command and the bracket on the right side represents the feedback. If one of the brackets is missing during the test, it indicates a problem.

- Item 3 This area may display special test instructions.
- **Item 4** The status line displays the current status of the test.
- Item 5 The Start function key starts the test.

## Activate/Deactivate Screen

The following screen is an example of a manual control screen with a toggle Activate/Deactivate function key. You use this function key to begin the test.

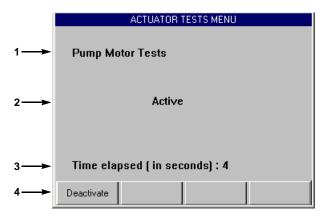


Figure 10.8: Activate/Deactivate Screen Example

- Item 1 This area displays the name of the component being tested.
- Item 2 This area displays the state of the component.
- Item 3 This area shows the time clock for the test.
- **Item 4** The function keys let you manually control the component as necessary. Compare what is commanded by the **APOGEE** tool to the state of the component being read by the ECU to the actual physical state of the component.

**Note:** Press the **Activate** function key to turn on the component. This changes the component state to "On" and changes the function key to "Deactivate". Press the **Deactivate** function key to turn off the component.

# 11: Global OBD II

Select the Global OBD II option from the Application Manager screen. Refer to page 2 for the illustration. The Cable Select screen appears next.

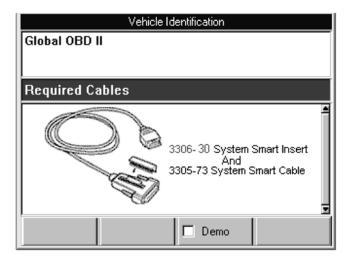


Figure 11.1: Vehicle Identification - Required Cables

# View the Quick Test Results

After you connect the cable and press the ENTER key on the scan tool, use the following steps if either the System Readiness Test message screen or the Quick Test Results screen appears.

**Note:** The Quick Tests provide a quick link to the vehicles Powertrain Control Module (PCM) for viewing OBD II emissions readiness tests and DTCs. If the system tests are not complete, press the **EXIT** key twice to return to the Required Cable illustration screen. Then start the vehicle, drive it for a few minutes, leave the engine running, and press the scan tool's **ENTER** key to run the tests again.

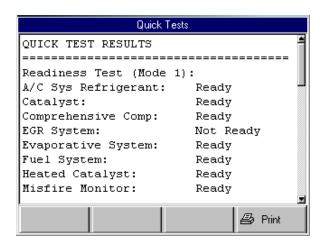


Figure 11.2: System Readiness Test Message and Quick Test Results Screen

- 1 Use the UP and DOWN arrow keys to scroll through the test results.
- 2 Optionally, to print the test results, refer to the Scan Tool Printing Procedure on page 11.
- 3 After viewing the Quick Test results, press the ENTER key.

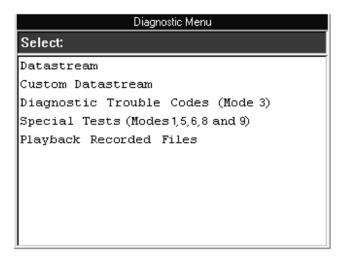


Figure 11.3: Diagnostic Trouble Codes Screen

**Note:** The screen shown in figure 11.3 is only an example. During testing, only the options available for the vehicle and engine control module (ECM) being tested will appear on this screen.

- 1 Select an option and press the ENTER key to continue.
- 2 Refer to the following section matching the option you choose for details.
  - Datastream (Mode 1) See Chapter 3, Datastream.
  - Custom Datastream See Chapter 4, Custom Datastream.
  - Diagnostic Trouble Codes (Mode 3) See Chapter 5, Diagnostic Trouble Codes.
  - Special Tests (Mode 1, 5, 6, 8 and 9) See Chapter 10, Special Tests.
  - Playback Recorded Files See Chapter 3, Datastream.

# **Diagnostic OBD II Trouble Codes**

For OBD II vehicles, the Diagnostic Trouble Codes screen usually has the following menu options. Refer to the page numbers given for the specific procedures.

- Read Codes/Pending Codes See below.
- Clear Codes See page 109.
- Freeze Frame See page 110

### **Read Codes/Pending Codes**

The Read Codes function allows you to view a list of active DTCs along with their descriptions. The Pending Codes function allows you to view a list of codes previously set but not currently active.

1 Follow the steps on page 105 to display the Diagnostic Trouble Codes screen.

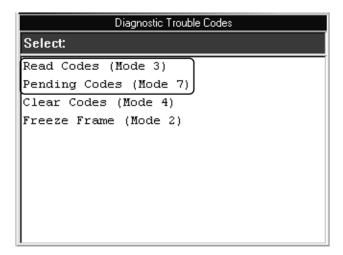
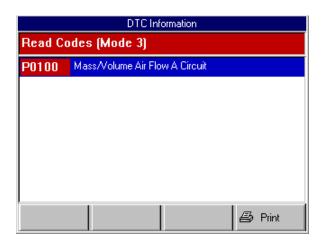


Figure 11.4: OBD II Diagnostic Trouble Codes Screen

**Note:** Modes are an older method of naming the function. Refer to the vehicle's service manual for more information.

- 2 Select one of the following and then press the ENTER key to display the DTCs:
  - Read Codes displays DTCs that have occured a specified number of times and indicate a problem that requires repair.
  - Pending Codes displays DTCs that have occurred at least once, but have not occurred enough times to be considered
    current. Use this option to check recent repairs because it shows DTCs after only one drive cycle.



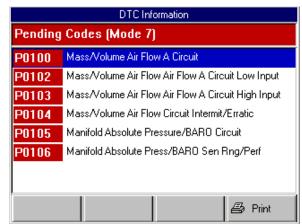


Figure 11.5: OBD II DTC Information Screens: Read Codes and Pending Codes

- 3 View the DTC list and optionally print it.
- 4 When finished, use the **EXIT** key to return to the previous screens.

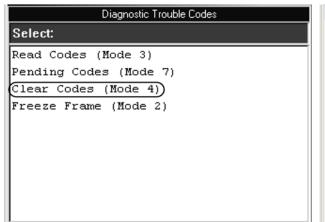
Note: Use the Clear Codes function to erase the codes from the vehicle's ECM. For details, refer to Clear Codes on page 109.

### Diagnostic OBD II Trouble Codes

# **Clear Codes**

The Clear Codes function allows you to clear the DTCs from the vehicle's ECM.

1 Follow the steps on page 105 to display the Diagnostic Trouble Codes screen.



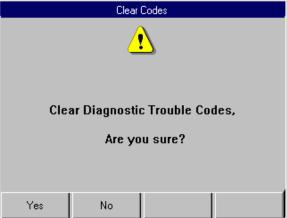


Figure 11.6: OBD II Diagnostic Trouble Codes Screen and Clear Codes Warning Screen

- 2 Select Clear Codes and press the ENTER key. This displays a warning screen, as shown in figure 11.6.
- 3 Press the Yes function key and follow the instructions on each screen that appears. Press the function keys as necessary until the DTCs Have Been Cleared Information screen appears.

Note: If a screen has no function keys, press the ENTER key to continue.

- 4 On the information screen (not shown), press the **OK** function key.
- 5 Use the **EXIT** key to return to the previous screen.

## **Freeze Frame**

The Freeze Frame function allows you to view datastream snapshots that were automatically recorded by the ECM when one or more DTC occurred. By viewing the actual data values from the time of a fault, you may be able to determine what caused the fault.

1 Follow the steps on page 105 to display the Diagnostic Trouble Codes screen.

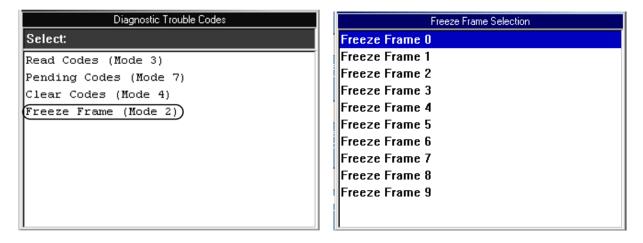


Figure 11.7: OBD II Diagnostic Trouble Codes Screen and Freeze Frame Selection Screen

- 2 Select **Freeze Frame** and press the **ENTER** key. This displays the Freeze Frame Selection screen as shown in figure 11.7. Each frame contains a snapshot from when a DTC occurred.
- 3 Select a frame and press the ENTER key. This displays the snapshot data as shown in figure 11.8.

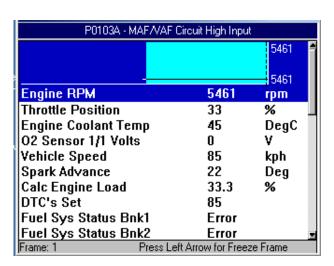


Figure 11.8: OBD II DTC Freeze Frame Screen

4 Use the **EXIT** key to return to the previous screen.

For OBD II compliant vehicles, the Special Tests functions allow you to view detailed system component information, oxygen (O2) sensor readings, Readiness Test results, and the vehicle identification number (VIN).

**Note:** The scan tool has an automatic DTC-triggered recording function. If a DTC occurs while you are testing a vehicle, the scan tool automatically creates a recording for playback and alerts you with a screen message. To replay these recordings refer to Playback on page 39.

#### **Basic Proceedure**

1 Follow the instructions in Test Startup and Vehicle Connection in the Quick Start Guide to display the Diagnostic Menu screen.

Note: You must select Global OBD II for testing.

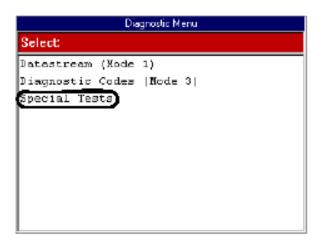


Figure 11.9: Diagnostic Menu Screen

2 Select **Special Tests** and press the **ENTER** key. This displays the Special Tests Menu screen.

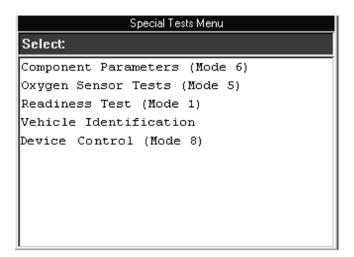


Figure 11.10: Special Tests Menu Screen

- 3 Select an option and press the ENTER key to continue.
- 4 Refer to the following sections:
  - Component Parameters on page 113.
  - Oxygen Sensor Tests on page 115
  - Readiness Test on page 117
  - Vehicle Identification on page 118
  - Device control on page 119

# **Component Parameters**

The Component Parameters function allows you to view detailed information about components that are not continuously monitored, such as a catalyst or evaporative system.

1 Follow the steps in Basic Procedure on page 111 to display the Special Tests Menu screen.

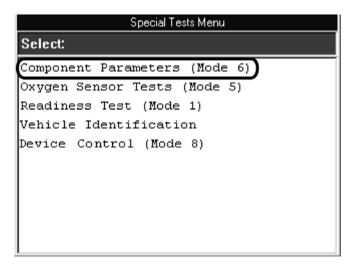


Figure 11.11: Special Tests Menu Screen

2 Select Component Parameters and press the ENTER key.



Figure 11.12: Component Parameters Instruction Screen

3 Press the **OK** function key.

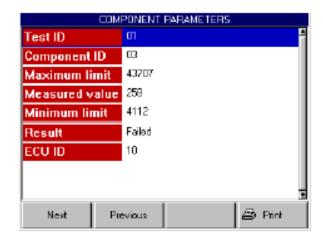


Figure 11.13: Component Parameters Screen

- 4 View the information for the component. Use the function keys as follows.
  - Press the **Next** function key to display information for the next component.
  - Press the **Previous** function key to display information for the previous component.
  - Use the **Print** function key to optionally print the information.
- 5 When finished, use the **EXIT** key to return to the previous screens.

# **Oxygen Sensor Tests**

The Oxygen Sensor Tests function allows you to view data readings for the O2 sensor.

**IMPORTANT:** Warm the engine to operating temperature before doing this test.

1 Follow the steps in Basic Procedure on page 111 to display the Special Tests Menu screen.

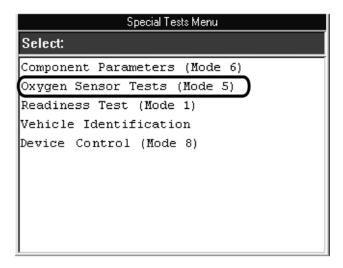


Figure 11.14: Special Tests Menu Screen

2 Select Oxygen Sensor Tests and press the ENTER key.

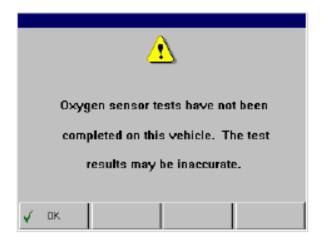
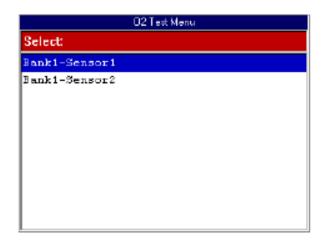


Figure 11.15: Oxygen Sensor Tests Warning Screen

3 If the Oxygen sensor tests not completed warning message appears, press the **OK** function key to continue. Otherwise, continue to step 4.

**Note:** If the system tests are not complete, use the **EXIT** key to return to the Required Cables illustration screen. Then, drive the vehicle for a few minutes and then start this test again. For more information, refer to **Readiness Test** on page 117.



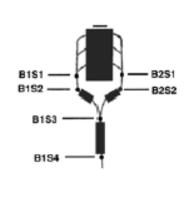
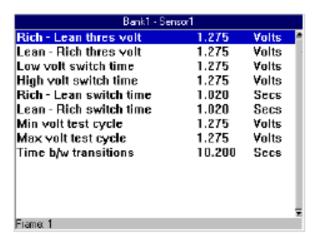


Figure 11.16: O2 Test Menu Screen and O2 Sensor Locations

Note: The O2 Test Menu screen lists all the bank and sensor combinations available for the vehicle.

4 Select a Bank and Sensor and press the ENTER key. This displays the data readings for the selected sensor.



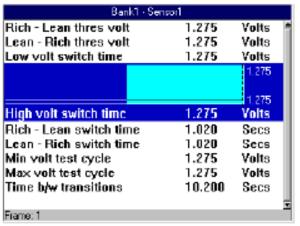


Figure 11.17: Sensor Data Display - Original Display and With One Graphed Line

- 5 View the sensor data. Optionally, view each line as a graph as follows:
  - a Select a line and press the ENTER key.
  - **b** Use the **Left Arrow** key and then the **Right Arrow** key to view past data.
  - c To remove the graph, select the graphed line and press the ENTER key.
- 6 When finished viewing the data, use the EXIT key to return to the previous screen.

## **Readiness Test**

The Readiness Test function allows you to view Readiness Test results for all non-continuous and continuous vehicle system monitors as described below.

- Non-continuous vehicle system monitors run a test routine once per drive cycle.
- Continuous vehicle system monitors run a test routine continuously during a drive cycle.

**IMPORTANT:** Warm the engine to operating temperature before performing this test.

1 Follow the steps in **Basic Proceedure** on page 111 to display the Special Tests Menu screen.

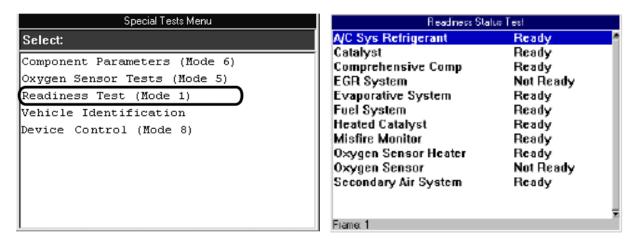


Figure 11.18: Special Tests Menu Screen and Readiness Status Test Screen

- 2 Select Readiness Test and press the ENTER key. This displays the Readiness Status Test screen as shown in figure 11.18.
- 3 Test results display as Ready (complete), Not Ready (not complete), or Failed. View the test results.

  Note: If any tests are not ready, use the EXIT key to return to the Required Cables illustration screen. Then drive the vehicle for a few minutes and start the test again.
- 4 Use the EXIT key to return to previous screens.

# **Vehicle Identification**

The Vehicle Identification function allows you to view the VIN for the vehicle.

1 Follow the steps in **Basic Procedure** on page 111 to display the Special Tests Menu screen.

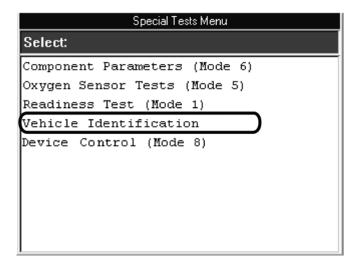


Figure 11.19: Special Tests Menu Screen

2 Select Vehicle Identification and press the ENTER key. This displays the Vehicle Identification screen.

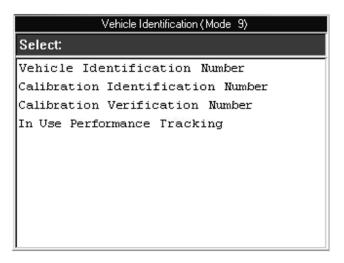


Figure 11.20: Vehicle Identification Screen

- 3 View the VIN and press the **OK** function key when finished.
- 4 Use the **EXIT** key to return to the previous screen.

# **Device Control**

The Device Control menu option allows you to manually control the vehicle's system components. Some examples are relays, solenoids and lights.

1 Follow the steps in Basic Procedure on page 111 to display the Special Tests Menu screen.

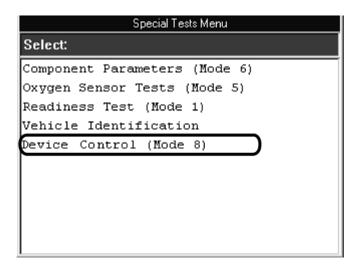


Figure 11.21: Special Tests Menu Screen

- 2 Select **Device Control** and press the **ENTER** key.
- 3 As necessary follow the on screen instruction to control the available device you are seeking.
- 4 Use the **EXIT** key to return to the previous screen.

# **Appendix: Vehicle Applications**

manufacturer	mako	carline	computo	Year	Last Year
			compute		
Audi	Audi	100CS	ABS	1993	1994
Audi	Audi	100CS	AIRBAG	1993	1994
Audi	Audi	100S	ABS	1993	1994
Audi	Audi	100S	AIRBAG	1993	1994
Audi	Audi	90	AIRBAG II	1995	1995
			AIRBAG III /		
Audi	Audi	90	V	1995	1995
Audi	Audi	90CS	ABS	1993	1994
Audi	Audi	90CS	AIRBAG II	1993	1995
			AIRBAG III /		
Audi	Audi	90CS	V	1993	1995
Audi	Audi	90S	ABS	1993	1994
Audi	Audi	90S	AIRBAG II	1993	1995
A	A	000	AIRBAG III /	4000	4005
Audi	Audi	90S	V ADC (Decelo	1993	1995
Audi	Audi	A4	ABS (Bosch 5.0)	1996	2001
Audi	Auui	A4	ABS (Bosch	1990	2001
Audi	Audi	A4	5.3)	1996	2001
Audi	Audi	A4	AIRBAG	1996	2001
Audi	Audi	A6	ABS	1996	2003
	Audi	A6	AIRBAG	1995	2003
Audi	Auui	Au	SUSPENSI	1990	2003
Audi	Audi	A6	ON	1998	2003
Audi	Audi	A8	ABS	1997	2003
Audi	Audi	A8	AIRBAG	1997	2003
Audi	Audi	A8L	ABS	2000	2002
Audi	Audi	A8L	AIRBAG	2000	2002
Audi	Audi	Allroad	ABS	2000	2002
Audi	Audi	Allroad	AIRBAG SUSPENSI	2001	2003
Audi	Audi	Allroad	ON	2001	2003
Audi	Audi	Cabriolet	ABS	1994	1998
Audi	Audi	Cabriolet	AIRBAG	1994	1998
Auui	Auui	Cabilolet	AIRBAG III /	1994	1996
Audi	Audi	Cabriolet	V	1995	1995
Audi	Audi	S4	ABS	1993	1994
7.00.	71001		ABS (Bosch		
Audi	Audi	S4	5.0)	2000	2001
			ABS (Bosch		
Audi	Audi	S4	5.3)	2000	2001
Audi	Audi	S4	AIRBAG	1993	2001
Audi	Audi	S6	ABS	2002	2003
Audi	Audi	S6	AIRBAG	1995	2003
			SUSPENSI		
Audi	Audi	S6	ON	2002	2003
Audi	Audi	S8	ABS	2001	2003
Audi	Audi	S8	AIRBAG	2001	2003
Audi	Audi	TT	ABS	2000	2003
Audi	Audi	TT	AIRBAG	2000	2003

A di	۸.,۰۰۱:	\/0	AIDDAG	1002	1004
Audi	Audi	V8	AIRBAG	1992	1994
Chrysler	Chrysler	300 Tour. AWD	ABS	2005	2005
Jili y Sioi	Offigalet	7.070	OCCUPANT	2000	2000
		300 Tour.	CLASS		
Chrysler	Chrysler	AWD	MODULE	2005	2005
			OCCUPANT		
		300 Tour.	RESTRAIN		
Chrysler	Chrysler	AWD	T CONTRO	2005	2005
			WIRELESS		
Christolar	Charalar	300 Tour.	CTRL	2005	2005
Chrysler	Chrysler	AWD	MODULE	2005	2005
Chrysler	Chrysler	300 Touring	ABS OCCUPANT	2005	2005
			CLASS		
Chrysler	Chrysler	300 Touring	MODULE	2005	2005
,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		OCCUPANT		
			RESTRAIN		
Chrysler	Chrysler	300 Touring	T CONTRO	2005	2005
			WIRELESS		
			CTRL		
Chrysler	Chrysler	300 Touring	MODULE	2005	2005
Chrysler	Chrysler	300M	ABS	1999	2004
Chrysler	Chrysler	300M	AIRBAG	1999	2004
Chrysler	Chrysler	Cirrus	ABS	1998	2000
Chrysler	Chrysler	Cirrus	AIRBAG	1999	2000
Chrysler	Chrysler	Concorde	ABS	1993	2004
Chrysler	Chrysler	Concorde	AIRBAG	1999	2004
Chrysler	Chrysler	Dynasty	ABS	1989	1990
Chrysler	Chrysler	Intrepid	ABS	1995	1997
Chrysler	Chrysler	LHS	ABS	1994	2001
Chrysler	Chrysler	LHS	AIRBAG	1999	2001
			4.00	4000	4007
Chrysler	Chrysler	New Yorker	ABS	1989	1997
Chrysler	Chrysler	Pacifica	ABS	2005	2005
Chrysler	Chrysler	Pacifica	AIRBAG	2004	2004
Chrysler	Chrysler	Pacifica AWD	ABS	2005	2005
Chrysler	Chrysler Chrysler	Prowler	AIRBAG	2005	2005
Chrysler		Prowier PT Cruiser	ABS	2002	2002
	Chrysler	PT Cruiser PT Cruiser		2001	
Chrysler	Chrysler	Sebring	AIRBAG	2001	2005
Chrysler	Chrysler	Conv.	ABS	1998	2004
Citiyoloi	Citysici	Sebring	, ,,,,,,,	.000	2007
Chrysler	Chrysler	Conv.	AIRBAG	1999	2005
		Sebring			
Chrysler	Chrysler	Coupe	ABS	1998	2000
		Sebring			
Chrysler	Chrysler	Coupe	AIRBAG	2001	2001
			AIRBAG		
		Sebring	W/O SIDE	0000	2005
Chrysler	Chrysler	Coupe	AIRBAG	2002	2005
		Sebring	AIRBAG W/SIDE		
Chrysler	Chrysler	Coupe	AIRBAG	2002	2005
Onlysiel	Chrysler	Tooupe	AINDAG	2002	2005

		Calarina			
Chrysler	Chrysler	Sebring Sedan	ABS	2001	2005
		Sebring			
Chrysler	Chrysler	Sedan	AIRBAG	2001	2005
		Town &			
Chrysler	Chrysler	Country	ABS	1997	2005
Chrysler	Chrysler	Town & Country	AIRBAG	1998	2005
Chrysler	Chrysler	Voyager	ABS	2001	2003
Chrysler	Chrysler	Voyager	AIRBAG	2001	2003
Chrysler	Dodge	Avenger	ABS	1998	2000
Chrysler	Douge	Averiger	ABS	1990	2000
Chrysler	Dodge	B-150	(RWAL)	1989	1994
Cyo.o.		12 100	ABS		1001
Chrysler	Dodge	B-250	(RWAL)	1989	1994
			ABS		
Chrysler	Dodge	B-350	(RWAL)	1989	1994
Chrysler	Dodge	Caravan	ABS	1997	2005
Chrysler	Dodge	Caravan	AIRBAG	1998	2005
			ABS		
Chrysler	Dodge	D-50	(RWAL)	1993	1993
Chrysler	Dodge	Dakota 4X2	ABS	2005	2005
Chrysler	Dodge	Dakota 4X2	ABS (4WAL)	1997	2004
			ABS		
Chrysler	Dodge	Dakota 4X2	(RWAL)	1987	2004
Chrysler	Dodge	Dakota 4X2	AIRBAG	1999	2002
			OCCUPANT CLASS		
Chrysler	Dodge	Dakota 4X2	MODULE	2005	2005
Chrysler	Douge	Dakota 4/12	OCCUPANT	2003	2003
			RESTRAIN		
Chrysler	Dodge	Dakota 4X2	T CONTRO	2005	2005
			WIRELESS		
			CTRL		
Chrysler	Dodge	Dakota 4X2	MODULE	2005	2005
Chrysler	Dodge	Dakota 4X4	ABS	2005	2005
Chrysler	Dodge	Dakota 4X4	· · · · · · · ·	1997	2004
Ob an and an	Darley	Dalasta AVA	ABS	4007	0004
Chrysler	Dodge	Dakota 4X4	(RWAL)	1987	2004
Chrysler	Dodge	Dakota 4X4	AIRBAG OCCUPANT	1999	2002
			CLASS		
Chrysler	Dodge	Dakota 4X4	MODULE	2005	2005
Official	Boage	Bakota 47(4	OCCUPANT	2000	2000
			RESTRAIN		
Chrysler	Dodge	Dakota 4X4	T CONTRO	2005	2005
			WIRELESS		
			CTRL		
Chrysler	Dodge	Dakota 4X4	MODULE	2005	2005
		Durango			
Chrysler	Dodge	4X2	ABS (4WAL)	1998	2003
Charles	Dodge	Durango	ABS	1000	2002
Chrysler	Dodge	4X2	(RWAL)	1998	2003
Chrysler	Dodge	Durango 4X2	ABS 3 CHANNEL	2004	2005
Official	Louge	4/12	OUNINEL	2004	2003

	_				
			ABS 3		
		Durango	CHANNEL		
Chrysler	Dodge	4X2	4WD	2005	2005
Ob an and a m	Destar	Durango	ABS TCS 4	0004	0005
Chrysler	Dodge	4X2	CHANNEL	2004	2005
Charalar	Dodge	Durango 4X2	AIRBAG	1998	2003
Chrysler	Dodge	4//2	OCCUPANT	1990	2003
		Durango	CLASS		
Chrysler	Dodge	4X2	MODULE	2004	2005
J, 55.	Joago	17.2	OCCUPANT	2001	
		Durango	RESTRAIN		
Chrysler	Dodge	4X2	T CONTRO	2004	2005
			WIRELESS		
		Durango	CTRL		
Chrysler	Dodge	4X2	MODULE	2005	2005
		Durango			
Chrysler	Dodge	4X4	ABS (4WAL)	1998	2003
		Durango	ABS		
Chrysler	Dodge	4X4	(RWAL)	1998	2003
		Durango	ABS 3		
Chrysler	Dodge	4X4	CHANNEL	2005	2005
			ABS 3		
O		Durango	CHANNEL	0004	0004
Chrysler	Dodge	4X4	4WD	2004	2004
Chambalan	Dadas	Durango	ABS TCS 4	2005	2005
Chrysler	Dodge	4X4	CHANNEL	2005	2005
		Duranga	ABS TCS 4		
Chrysler	Dodge	Durango 4X4	4WD	2004	2005
Offigaler	Douge	Durango	14440	2004	2003
Chrysler	Dodge	4X4	AIRBAG	1998	2003
<u> </u>	Jouge		OCCUPANT		
		Durango	CLASS		
Chrysler	Dodge	4X4	MODULE	2004	2005
			OCCUPANT		
		Durango	RESTRAIN		
Chrysler	Dodge	4X4	T CONTRO	2004	2005
			WIRELESS		
		Durango	CTRL		
Chrysler	Dodge	4X4	MODULE	2005	2005
Chrysler	Dodge	Dynasty	ABS	1989	1990
		Grand			
Chrysler	Dodge	Caravan	ABS	1997	2005
		Grand			
Chrysler	Dodge	Caravan	AIRBAG	1998	2005
Chrysler	Dodge	Intrepid	ABS	1993	2004
Chrysler	Dodge	Intrepid	AIRBAG	1999	2004
Chrysler	Dodge	Magnum	ABS	2005	2005
			OCCUPANT		
			CLASS		
Chrysler	Dodge	Magnum	MODULE	2005	2005
			OCCUPANT		
Character:	Dada	Ma	RESTRAIN	2005	2005
Chrysler	Dodge	Magnum	T CONTRO	2005	2005
Chrysler	Dodge	Magnum AWD	ABS	2005	2005
Only Siel	Douge	IVAND	IVD0	2003	2005

			OCCUPANT		
		Magnum	CLASS		
Chrysler	Dodge	AWD	MODULE	2005	2005
j			OCCUPANT		
		Magnum	RESTRAIN		
Chrysler	Dodge	AWD	T CONTRO	2005	2005
Chrysler	Dodge	Neon	ABS	1999	2005
Chrysler	Dodge	Neon	AIRBAG	1999	2005
		Power Ram	ABS		
Chrysler	Dodge	100	(RWAL)	1989	1989
		Power Ram	ABS		
Chrysler	Dodge	150	(RWAL)	1989	1991
		Power Ram	ABS		
Chrysler	Dodge	250	(RWAL)	1989	1991
Chrysler	Dodgo	Power Ram 350	ABS	1000	1991
Chrysler	Dodge	Ram 100	(RWAL) ABS	1989	1991
Chrysler	Dodge	4X2	(RWAL)	1989	1989
<u> </u>	Joago	Ram 150	ABS		.000
Chrysler	Dodge	4X2	(RWAL)	1989	1993
		Ram 1500			
Chrysler	Dodge	4X2	ABS (4WAL)	1998	2005
		Ram 1500	ABS		
Chrysler	Dodge	4X2	(RWAL)	1994	2005
		Ram 1500			
Chrysler	Dodge	4X2	AIRBAG	1999	2005
Ola served a se	Destar	Ram 1500	A D.O. (4)A(A1.)	4000	0005
Chrysler	Dodge	4X4	ABS (4WAL)	1998	2005
Chrysler	Dodge	Ram 1500 4X4	(RWAL)	1994	2005
Chrysler	Douge	Ram 1500	(IXVVAL)	1334	2003
Chrysler	Dodge	4X4	AIRBAG	1999	2005
,		Ram 250	ABS		
Chrysler	Dodge	4X2	(RWAL)	1989	1993
		Ram 2500			
Chrysler	Dodge	4X2	ABS (4WAL)	1998	2005
		Ram 2500	ABS		
Chrysler	Dodge	4X2	(RWAL)	1994	2005
Ola served a se	Destar	Ram 2500	AIDDAG	4000	0005
Chrysler	Dodge	4X2	AIRBAG	1999	2005
Chrysler	Dodge	Ram 2500 4X4	ABS (4WAL)	1008	2005
Onlysici	Douge	Ram 2500	ABS	1000	2003
Chrysler	Dodge	4X4	(RWAL)	1994	2005
		Ram 2500			
Chrysler	Dodge	4X4	AIRBAG	1999	2005
		Ram 350	ABS		
Chrysler	Dodge	4X2	(RWAL)	1989	1993
		Ram 3500			
Chrysler	Dodge	4X2	ABS (4WAL)	1998	2005
Character a	Dadas	Ram 3500	ABS	4004	2005
Chrysler	Dodge	4X2	(RWAL)	1994	2005
Chrysler	Dodge	Ram 3500 4X2	AIRBAG	1999	2005
Ciliysiei	Douge	Ram 3500	AINDAG	1333	2005
Chrysler	Dodge	4X4	ABS (4WAL)	1998	2005
j c.c.	20090	Ram 3500	ABS		
Chrysler	Dodge	4X4	(RWAL)	1994	2005
	,				

Chrysler	Dodge	Ram 3500 4X4	AIRBAG	1999	2005
Chrysler	Dodge	Ram B-250	ABS (RWAL)	1995	1995
Chrysler	Dodge	Ram B-350	ABS (RWAL)	1995	1995
Chrysler	Dodge	Ram SRT- 10	ABS (4WAL)	2004	2005
Chrysler	Dodge	Ram SRT- 10	ABS (RWAL)	2004	2005
Chrysler	Dodge	Ram SRT- 10	AIRBAG	2004	2005
Chrysler	Dodge	Ram Van 1500	ABS (4WAL)	1998	2003
Chrysler	Dodge	Ram Van 1500	ABS (RWAL)	1995	2003
Chrysler	Dodge	Ram Van 1500	AIRBAG	1999	2003
Chrysler	Dodge	Ram Van 2500	ABS (4WAL)		2003
Chrysler	Dodge	Ram Van 2500	ABS (RWAL)	1995	2003
Chrysler	Dodge	Ram Van 2500	AIRBAG	1999	2003
Chrysler	Dodge	Ram Van 3500	ABS (4WAL)		2003
Chrysler	Dodge	Ram Van 3500	ABS (RWAL)	1995	2003
Chrysler	Dodge	Ram Van 3500	AIRBAG	1999	2003
· · · · · · · · · · · · · · · · · · ·	Joago	Ram Wagon	, ,	.000	
Chrysler	Dodge	1500	ABS (4WAL)	1998	2003
Chrysler	Dodge	Ram Wagon 1500	ABS (RWAL)	1995	2003
Chrysler	Dodge	Ram Wagon 1500	AIRBAG	1999	2003
Chrysler	Dodge	Ram Wagon 2500	ABS (4WAL)	1998	2003
Chrysler	Dodge	Ram Wagon 2500	ABS (RWAL)	1995	2003
,		Ram Wagon	(******		
Chrysler	Dodge	2500	AIRBAG	1999	2003
Chrysler	Dodge	Ram Wagon 3500		1998	2003
Chrysler	Dodge	Ram Wagon 3500	ABS (RWAL)	1995	2003
Chrysler	Dodge	Ram Wagon 3500	AIRBAG	1999	2003
Chrysler	Dodge	Ramcharger 4X2		1989	1993

		Ramcharger	ABS		
Chrysler	Dodge	4X4	(RWAL)	1989	1993
Chrysler	Dodge	SRT-4	ABS	2003	2005
Chrysler	Dodge	SRT-4	AIRBAG	2003	2005
Chrysler	Dodge	Stealth	ABS	1996	1996
Chrysler	Dodge	Stratus	ABS	1998	2000
Chrysler	Dodge	Stratus	AIRBAG	1999	2000
Chrysler	Douge	Stratus	AINDAO	1999	2000
Chrysler	Dodge	Coupe	AIRBAG	2001	2001
, ,			AIRBAG		
		Stratus	W/O SIDE		
Chrysler	Dodge	Coupe	AIRBAG	2002	2005
			AIRBAG		
		Stratus	W/SIDE		
Chrysler	Dodge	Coupe	AIRBAG	2002	2005
Character.	Dadas	Stratus	A D C	2004	2005
Chrysler	Dodge	Sedan Stratus	ABS	2001	2005
Chrysler	Dodge	Sedan	AIRBAG	2001	2005
Chrysler	Dodge	Viper	ABS	2001	2005
	Dodge	Viper	AIRBAG	1999	2005
Chrysler Chrysler		Vision	ABS		
	Eagle			1993	1997
Chrysler	Plymouth	Breeze	ABS	1998	2000
Chrysler	Plymouth	Breeze	AIRBAG	1999	2000
Chrysler	Plymouth	Grand Voyager	ABS	1997	2000
Chrysler	Figilioutii	Grand	ADO	1991	2000
Chrysler	Plymouth	Voyager	AIRBAG	1998	2000
Chrysler	Plymouth	Neon	ABS	1999	2001
Chrysler	Plymouth	Neon	AIRBAG	1999	2001
Chrysler	Plymouth	Prowler	AIRBAG	1999	2001
Chrysler	Plymouth	Voyager	ABS	1997	2000
Chrysler	Plymouth	Voyager	AIRBAG	1998	2000
O in your	riyinodar	vojugo	7 LIT CD / CO	1000	2000
Ford	Ford	Aerostar	ABS (RABS)	1990	1997
Ford	Ford	Aerostar	AIRBAG	1992	1997
Ford	Ford	Aspire	ABS	1994	1997
Ford	Ford	Aspire	AIRBAG	1994	1997
Ford	Ford	Bronco	ABS	1993	1995
Ford	Ford	Bronco	ABS (RABS)	1988	1991
Ford	Ford	Bronco	AIRBAG	1992	1996
Ford	Ford	Bronco II	ABS (RABS)	1987	1990
Ford	Ford	Club Wagon	ABS	1997	1998
El	Famil	Obala Marana	A D.O. (D.A D.O.)	4000	4000
Ford	Ford	Club wagon	ABS (RABS)	1999	1999
Ford	Ford	Club Wagon	AIRBAG	1997	1999
Ford	Ford	Contour	ABS	1995	2000
Ford	Ford	Contour Crown	AIRBAG	1995	2000
Ford	Ford	Victoria	ABS	1992	2005
		Crown			
Ford	Ford	Victoria	AIRBAG	1992	2005

					_
		Crown			
Ford	Ford	Victoria	STEERING	2003	2005
Fand	Fand	Crown	SUSPENSI	4000	2005
Ford	Ford	Victoria	ON	1992	2005
Ford	Ford	E-Super Duty	ABS	1999	1999
Tolu	1 Old	E-Super	ABS	1999	1999
Ford	Ford	Duty	ABS (RABS)	1999	1999
		E-Super			
Ford	Ford	Duty	AIRBAG	1998	1999
Ford	Ford	Econoline	ABS	2001	2005
Ford	Ford	Econoline	ABS (RABS)	2001	2004
Ford	Ford	Econoline	AIRBAG	2001	2005
		Econoline			
Ford	Ford	E150	ABS	1994	2000
		Econoline			
Ford	Ford	E150	ABS (RABS)	1987	2000
Fand	Fand	Econoline E150	AIDDAG	4000	2000
Ford	Ford	Econoline	AIRBAG	1992	2000
Ford	Ford	E250	ABS	1994	2000
Tolu	Toru	Econoline	ABO	1334	2000
Ford	Ford	E250	ABS (RABS)	1987	2000
		Econoline			
Ford	Ford	E250	AIRBAG	1993	2000
		Econoline			
Ford	Ford	E350	ABS	1994	2000
		Econoline			
Ford	Ford	E350	ABS (RABS)	1987	2000
		Econoline			
Ford	Ford	E350	AIRBAG	1993	2000
Ford	Ford	Econoline E450	ABS	2000	2000
Ford	Fold	Econoline	ADS	2000	2000
Ford	Ford	E450	ABS (RABS)	2000	2000
1 Old	T OIG	Econoline	TIBE (TUTBE)	2000	2000
Ford	Ford	E450	AIRBAG	2000	2000
Ford	Ford	Escape	ABS	2001	2005
Ford	Ford	Escape	AIRBAG	2001	2005
		Escape			
Ford	Ford	Hybrid	ABS	2005	2005
		Escape			
Ford	Ford	Hybrid	AIRBAG	2005	2005
		Escape			
Ford	Ford	Hybrid	STEERING	2005	2005
Ford	Ford	Escort	ABS	1994	2003
Ford	Ford	Escort	AIRBAG	1994	2003
Ford	Ford	Excursion	ABS	2000	2005
Ford	Ford	Excursion	AIRBAG	2000	2005
E		Exp Sport	ADC	0004	000.1
Ford	Ford	Trac	ABS	2001	2004
Ford	Ford	Exp Sport Trac	AIRBAG	2001	2004
Ford	Tolu	Exp Sport	SUSPENSI	2001	2004
Ford	Ford	Trac	ON	2001	2002
Ford	Ford	Expedition	ABS	1997	2005
i olu	Toru	Lybealtion	IVPO	1331	2000

Ford	Ford	Expedition	AIRBAG	1997	2005
1 Old	Tolu	LAPCUILION	SUSPENSI	1001	2005
Ford	Ford	Expedition	ON	1997	2005
1 010	roid	Ελροαιαστί	TIRE	1001	2000
Ford	Ford	Expedition	PRESSURE	2003	2004
Ford	Ford	Explorer	ABS	1993	2005
roid	Ford	Explorei	ADS	1993	2005
Ford	Ford	Explorer	ABS (RABS)	1990	1992
Ford	Ford	Explorer	AIRBAG	1992	2005
1 010	roid	Explorer	SUSPENSI	1002	2000
Ford	Ford	Explorer	ON	1995	2001
Tolu	Tolu	LAPIOICI	TIRE	1333	2001
Ford	Ford	Explorer	PRESSURE	2002	2005
1 Old	i old	Explorer	TRECOURE	2002	2000
Ford	Ford	Sport	ABS	2000	2005
1 010	roid	Explorer	/\DC	2000	2000
Ford	Ford	Sport	AIRBAG	2000	2005
1 Old	i old	Explorer	SUSPENSI	2000	2000
Ford	Ford	Sport	ON	2000	2002
1 010	i ora	ExplorerPos	OIV	2000	2002
Ford	Ford	tal	ABS	2001	2002
1 014	1 010	ExplorerPos	7.50	2001	2002
Ford	Ford	tal	AIRBAG	2001	2001
Ford	Ford	F-150	ABS	1996	2005
Folu	Fold	1-130	ADS	1990	2003
Ford	Ford	F-150	ABS (RABS)	1087	2004
Ford	Ford	F-150	AIRBAG	1992	2005
		F-150	450	0004	0004
Ford	Ford	Heritage	ABS	2004	2004
Ford	Ford	F-150	ADC (DADC)	2004	2004
Ford	Ford	Heritage	ABS (RABS)	2004	2004
Fad	Faud	F-150	AIDDAG	2004	2004
Ford	Ford	Heritage	AIRBAG	2004	2004
Fad	Faud	F-150 Reg Cab	ADC	4000	2000
Ford	Ford		ABS	1999	2000
Ford	Ford	F-150 Reg	ADC (DADC)	1000	2000
Ford	Ford	Cab	ABS (RABS)	1999	2000
Ford	Ford	F-150 Reg Cab	AIDDAC	1999	2000
Ford	roid		AIRBAG	1999	2000
Ford	Ford	F-150 Supr	ADC	1999	2000
Ford	Ford	Cab F-150 Supr	ABS	1999	2000
Ford	Ford	Cab	ADC (DADC)	1000	2000
Ford	Fold	F-150 Supr	ABS (RABS)	1999	2000
Ford	Ford	Cab	AIRBAG	1999	2000
Ford	Ford	F-250	ABS	1997	1998
Ford	Ford	E 250	ADC (DADC)	1007	1000
Ford	Ford	F-250	ABS (RABS)		1998
Ford	Ford	F-250	AIRBAG	1992	1998
		F-250 Reg	450	1000	1000
Ford	Ford	Cab	ABS	1999	1999
		F-250 Reg	ADO (D.155)	1000	1000
Ford	Ford	Cab	ABS (RABS)	1999	1999
E	For all	F-250 Reg	AIDDAG	4000	1000
Ford	Ford	Cab	AIRBAG	1999	1999
E	Frank.	F-250 Supr	400	1000	1000
Ford	Ford	Cab	ABS	1999	1999

Ford	Ford	F-250 Supr Cab	ABS (RABS)	1999	1999
		F-250 Supr			
Ford	Ford	Cab	AIRBAG	1999	1999
Ford	Ford	F-350	ABS (RABS)	1987	1997
Ford	Ford	F-350	AIRBAG	1992	1996
Ford	Ford	F-450	ABS (RABS)	1988	1993
Ford	Ford	F-450	AIRBAG	1992	1994
		F-Super			
Ford	Ford	Duty	ABS (RABS)	1995	1997
		F-Super			
Ford	Ford	Duty	AIRBAG	1995	1996
Ford	Ford	Five	ADC	2005	2005
Ford	Ford	Hundred Five	ABS	2005	2005
Ford	Ford	Hundred	AIRBAG	2005	2005
Ford	Ford	Focus	ABS	2000	2005
Ford	Ford	Focus	AIRBAG	2000	2005
Ford	Ford	Ford GT	ABS	2005	2005
Ford	Ford	Ford GT	AIRBAG	2005	2005
Ford			ABS	2003	2005
	Ford	Freestar			
Ford	Ford	Freestar	AIRBAG TIRE	2004	2005
Ford	Ford	Freestar	PRESSURE	2005	2005
Ford	Ford	Freestyle	ABS	2005	2005
Ford	Ford	Freestyle	AIRBAG	2005	2005
Ford	Ford	Motorhome	ABS	2005	2005
Ford	Ford	Mustang	ABS	1994	2005
Ford	Ford	Mustang	AIRBAG	1992	2005
Ford	Ford	Probe	ABS	1992	1997
Ford	Ford	Probe	AIRBAG	1996	1997
Ford	Ford	Ranger	ABS	1995	2005
			ABS		
Ford	Ford	Ranger	(4WABS)	1996	1997
Ford	Ford	Ranger	ABS (RABS)	1989	2004
Ford	Ford	Ranger	AIRBAG	1992	2005
Ford	Ford	Super Club	ABS	1999	1999
Ford	Ford	Super Club	ABS (RABS)	1999	1999
Ford	Ford	Super Club	AIRBAG	1999	1999
Ford	Ford	Super Van	ABS	1999	1999
Ford	Ford	Super Van	A D C ( D A D C )	1000	1000
Ford Ford	Ford Ford	Super Van Super Van	ABS (RABS) AIRBAG	1999 1999	1999 1999
Ford	Ford	SuperDuty	ABS	1999	2005
Ford	Ford	SuperDuty	AIRBAG	1999	2005
Ford	Ford	Taurus	ABS	1999	2005
			AIRBAG	1990	
Ford	Ford	Taurus	SUSPENSI	1332	2005
Ford	Ford	Taurus	ON	1997	1997
Ford	Ford	Tempo	ABS	1993	1994

Ford	Ford	Thunderbird	ABS	1987	2005
Ford	Ford	Thunderbird	AIRBAG	1996	2005
Ford	Ford	Thunderbird	SUSPENSI ON	1992	1995
Ford	Ford	Windstar	ABS	1995	2003
Ford	Ford	Windstar	AIRBAG	1995	2003
Ford	Ford	ZX2	ABS	2001	2003
Ford	Ford	ZX2	AIRBAG	2001	2003
Ford	Lincoln	Aviator	ABS	2003	2005
Ford	Lincoln	Aviator	AIRBAG	2003	2005
Ford	Lincoln	Aviator	STEERING	2003	2005
Ford	Lincoln	Aviator	SUSPENSI	2004	2004
			TIRE		
Ford	Lincoln	Aviator	PRESSURE	2003	2005
Ford	Lincoln	Blackwood	ABS	2002	2003
Ford	Lincoln	Blackwood	AIRBAG	2002	2003
Ford	Lincoln	Blackwood	SUSPENSI ON	2002	2003
Ford	Lincoln	Continental	ABS	1986	2002
Ford	Lincoln	Continental	AIRBAG	1992	2002
Ford	Lincoln	Continental	SUSPENSI ON	1992	2002
Ford	Lincoln	LS	ABS	2000	2005
Ford	Lincoln	LS	AIRBAG	2000	2005
			ELECPARK		
Ford	Lincoln	LS	BRAKE	2004	2005
Ford	Lincoln	Mark VII	ABS	1987	1992
Ford	Lincoln	Mark VIII	ABS	1993	1998
Ford	Lincoln	Mark VIII	AIRBAG SUSPENSI	1996	1998
Ford	Lincoln	Mark VIII	ON	1993	1998
Ford	Lincoln	Navigator	ABS	1998	2005
Ford	Lincoln	Navigator	AIRBAG	1998	2005
Ford	Lincoln	Navigator	SUSPENSI ON	1998	2005
Ford	Lincoln	Town Car	ABS	1990	2005
Ford	Lincoln	Town Car	AIRBAG	1992	2005
Ford	Lincoln	Town Car	SUSPENSI ON	1992	2005
Ford	Mercury	Capri	AIRBAG	1992	1994
Ford	Mercury	Cougar	ABS	1988	2002
Ford	Mercury	Cougar	AIRBAG	1993	2002
Tora	ivicioury	Cougui	SUSPENSI	1000	2002
Ford	Mercury	Cougar Grand	ON	1992	1995
Ford	Mercury	Marquis	ABS	1992	2005
Ford	Mercury	Grand Marquis	AIRBAG	1992	2005
	,	Grand			
Ford	Mercury	Marquis	STEERING	2003	2005
		Grand	SUSPENSI		
Ford	Mercury	Marquis	ON	1992	2005

Ford	Mercury	Marauder	ABS	2003	2004
Ford	Mercury	Marauder	AIRBAG	2003	2004
Ford	Mercury	Marauder	STEERING	2003	2004
			SUSPENSI		
Ford	Mercury	Marauder	ON	2003	2004
Ford	Mercury	Mariner	ABS	2005	2005
Ford	Mercury	Mariner	AIRBAG	2005	2005
Ford	Mercury	Montego	ABS	2005	2005
Ford	Mercury	Montego	AIRBAG	2005	2005
Ford	Mercury	Monterey	ABS	2004	2005
Ford	Mercury	Monterey	AIRBAG	2004	2005
Ford	Mercury	Monterey	TIRE PRESSURE	2005	2005
Ford	Mercury	Mountaineer	ABS	1997	2005
Food			AIDDAG	4007	0005
Ford	Mercury	Mountaineer	SUSPENSI	1997	2005
Ford	Mercury	Mountaineer		1998	2001
Toru	Wicrodry	Wiodritairicci	TIRE	1330	2001
Ford	Mercury	Mountaineer	PRESSURE	2002	2005
Ford	Mercury	Mystique	ABS	1995	2000
Ford	Mercury	Mystique	AIRBAG	1995	2000
Ford	Mercury	Sable	ABS	1990	2005
Ford	Mercury	Sable	AIRBAG	1992	2005
1 010	Williamy	Cabio	SUSPENSI	1002	2000
Ford	Mercury	Sable	ON	1997	1997
Ford	Mercury	Topaz	ABS	1993	1994
Ford	Mercury	Tracer	ABS	1994	1999
Ford	Mercury	Tracer	AIRBAG	1995	1999
Ford	Mercury	Villager	ABS	1993	2002
Ford	Mercury	Villager	AIRBAG	1994	2002
			ABS/ETS/T		
GM	Buick	Allure	PM/VES	2005	2005
			ABS/TCS/T		
GM	Buick	Allure	PM/VES	2005	2005
			ABS/TCS/T PM/VES/VS		
GM	Buick	Allure	ES	2005	2005
GM	Buick	Allure	AIRBAG	2005	2005
GM	Buick	Century	ABS	1996	2005
GM	Buick	Century	ABS VI	1991	1995
			ABS/ETS/TI		
GM	Buick	Century	M	2000	2005
014	D	01	ABS/ETS/TI	0000	0005
GM	Buick	Century	M/VES	2000	2005
GM	Buick	Century	ABS/TCS	2000	2005
GM	Buick	Century	ABS/TCS/TI M	2000	2005
0.1			ABS/TCS/TI		
GM	Buick	Century	M/VES	2000	2005
GM	Buick	Century	AIRBAG	1993	2005
GM	Buick	Coach Wagon	ABS	1991	1995
GM	Buick	Coach Wagon	AIRBAG	1992	1995

Buick						
Buick	0.4	D		ABS TEVES	4000	1000
GM         Buick         LaCrosse         PMVES         2005         2005           GM         Buick         LaCrosse         ABS/TCS/T PMV/ES         2005         2005           GM         Buick         LaCrosse         ES         2005         2005           GM         Buick         LaCrosse         AIRBAG         2005         2005           GM         Buick         LeSabre         ABS         1991         2005           GM         Buick         LeSabre         ABS #1         1994         1999           GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005	GM	Buick	Electra		1989	1990
Buick	GM	Buick	LaCrossa		2005	2005
GM         Buick         LaCrosse         PM/VES         2005         2005           GM         Buick         LaCrosse         ES         2005         2005           GM         Buick         LaCrosse         AIRBAG         2005         2005           GM         Buick         LeSabre         ABS #1         1994         1999           GM         Buick         LeSabre         ABS #2         1994         1999           GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ABS/TIM         1992         2005           GM         Buick         Park Avenue         ABS         1991         2005           GM <td>GIVI</td> <td>Buick</td> <td>Laciosse</td> <td></td> <td>2003</td> <td>2003</td>	GIVI	Buick	Laciosse		2003	2003
ABS/TCS/T   PM/VES/VS   CS   CS   CS   CS   CS   CS   CS	GM	Buick	LaCrosse		2005	2005
GM         Bulick         LaCrosse         ES         2005         2005           GM         Bulick         LaCrosse         AIRBAG         2005         2005           GM         Bulick         LeSabre         ABS         1991         2005           GM         Bulick         LeSabre         ABS #1         1994         1999           GM         Bulick         LeSabre         ABS TEVES         1994         1999           GM         Bulick         LeSabre         ABS/TCS/TI         2000         2005           GM         Bulick         LeSabre         MS/TCS/TI         2000         2005           GM         Bulick         LeSabre         ABS/TCS/TI         2000         2005           GM         Bulick         LeSabre         ABS/TIM         2000         2005           GM         Bulick         LeSabre         ABS/TIM         2000         2005           GM         Bulick         LeSabre         ABS/TIM         2000         2005           GM         Bulick         LeSabre         ER         2000         2005           GM         Bulick         Park Avenue         ABS/TIM         1994         1996	<b>5</b>				2000	
GM         Buick         LaCrosse         AIRBAG         2005         2005           GM         Buick         LeSabre         ABS         1991         2005           GM         Buick         LeSabre         ABS #1         1994         1999           GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS/TES/TI         1994         1996						
GM         Buick         LeSabre         ABS         1991         2005           GM         Buick         LeSabre         ABS #1         1994         1999           GM         Buick         LeSabre         ABS #2         1994         1999           GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         M/SES         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ARSABARTIM         2000         2005           GM         Buick         LeSabre         ARSABARTIM         2000         2005           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005 <tr< td=""><td>GM</td><td>Buick</td><td>LaCrosse</td><td>ES</td><td>2005</td><td>2005</td></tr<>	GM	Buick	LaCrosse	ES	2005	2005
GM         Buick         LeSabre         ABS #1         1994         1999           GM         Buick         LeSabre         ABS #2         1994         1999           GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         MSS/TCS/TI         2000         2005           GM         Buick         LeSabre         MSS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ER         2000         2005           GM         Buick         Park Avenue         ABS         1992         2005           GM         Buick         Park Avenue         ABS #1         1996         1996           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005	GM	Buick	LaCrosse	AIRBAG	2005	2005
GM         Buick         LeSabre         ABS #2         1994         1999           GM         Buick         LeSabre         ABSTEVES         II         1989         1990           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         M         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2	GM	Buick	LeSabre	ABS	1991	2005
GM         Buick         LeSabre         ABSTEVES II         1989         1990           GM         Buick         LeSabre         ABS/TCS         2000         2005           GM         Buick         LeSabre         M         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1994         1996           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         MCOO         2005	GM	Buick	LeSabre	ABS #1	1994	1999
GM         Buick         LeSabre         II         1989         1990           GM         Buick         LeSabre         ABS/TCS         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         MV/SES         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1989         1990           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005	GM	Buick	LeSabre	ABS #2	1994	1999
GM         Buick         LeSabre         ABS/TCS         2000         2005           GM         Buick         LeSabre         M         2000         2005           GM         Buick         LeSabre         MV/SES         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #2         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1989         1990           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005				ABS TEVES		
GM         Buick         LeSabre         ABS/TCS/TI M         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI M/VSES         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS #2         1994         1996           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000	GM	Buick	LeSabre	II	1989	1990
GM         Buick         LeSabre         M         2000         2005           GM         Buick         LeSabre         ABS/TCS/TI         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2004           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS #2         1994         1996           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005	GM	Buick	LeSabre	ABS/TCS	2000	2005
GM         Buick         LeSabre         M/VSES         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS #2         1994         1996           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         M         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         MVSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM						
GM         Buick         LeSabre         M/VSES         2000         2005           GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS #2         1994         1996           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         1989         1990           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005 <td>GM</td> <td>Buick</td> <td>LeSabre</td> <td></td> <td>2000</td> <td>2005</td>	GM	Buick	LeSabre		2000	2005
GM         Buick         LeSabre         ABS/TIM         2000         2005           GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1989         1990           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS TIM         2000         2005           GM         Buick         Rainier         ABS         2004         2005	CNA	Duriale	L a Calara		2000	2005
GM         Buick         LeSabre         AIRBAG         1992         2005           GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1989         1990           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Rainier         ABS         2004         200						
GM         Buick         LeSabre         MAGNASTE ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1994         1996           GM         Buick         Park Avenue         ABS/TEVES         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         MVSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABRAG         1991         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Reatta         ABS         1991         1991						
GM         Buick         LeSabre         ER         2000         2004           GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS #2         1994         1996           GM         Buick         Park Avenue         II         1989         1990           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005 <td>GM</td> <td>Buick</td> <td>LeSabre</td> <td></td> <td>1992</td> <td>2005</td>	GM	Buick	LeSabre		1992	2005
GM         Buick         Park Avenue         ABS         1991         2005           GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1994         1996           GM         Buick         Park Avenue         II         1989         1990           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005<	GM	Buick	LaSahra		2000	2004
GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1994         1996           GM         Buick         Park Avenue         II         1989         1990           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         AIRBAG         1990         1991	GIVI	Buick	Leoabie	LIX	2000	2004
GM         Buick         Park Avenue         ABS #1         1994         1996           GM         Buick         Park Avenue         ABS TEVES         1994         1996           GM         Buick         Park Avenue         II         1989         1990           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         ABS/TCS/TI         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         AIRBAG         1990         1991	GM	Buick	Park Avenue	ABS	1991	2005
GM         Buick         Park Avenue         ABS #2         1994         1996           GM         Buick         Park Avenue         II         1989         1990           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         AIRBAG         1990         1991						
GM         Buick         Park Avenue         II         1989         1990           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         MVSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Regal         ABS         1996         2004           GM	GM	Buick	Park Avenue	ABS #1	1994	1996
GM         Buick         Park Avenue         II         1989         1990           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         MVSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Regal         ABS         1996         2004           GM						
GM         Buick         Park Avenue         II         1989         1990           GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         AIRBAG         1990         1991 <td< td=""><td>GM</td><td>Buick</td><td>Park Avenue</td><td>ABS #2</td><td>1994</td><td>1996</td></td<>	GM	Buick	Park Avenue	ABS #2	1994	1996
GM         Buick         Park Avenue         ABS/TCS         2000         2005           GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Reatta         AIRBAG         1990         1991						
GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM	GM	Buick	Park Avenue	II	1989	1990
GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM	GM	Buick	Dark Avenue	ARS/TCS	2000	2005
GM         Buick         Park Avenue         M         2000         2005           GM         Buick         Park Avenue         M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Reatta         AIRBAG         1990         1991           GM	GIVI	Buick	I alk Aveilue		2000	2003
GM         Buick         Park Avenue         ABS/TCS/TI M/VSES         2000         2005           GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS III         1989         1991	GM	Buick	Park Avenue		2000	2005
GM         Buick         Park Avenue         ABS/TIM         2000         2005           GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           GM         Buick         Regal         ABS VI         1992         1995						
GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           GM         Buick         Regal         ABS VI         1992         1995	GM	Buick	Park Avenue	M/VSES	2000	2005
GM         Buick         Park Avenue         AIRBAG         1991         2005           GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           GM         Buick         Regal         ABS VI         1992         1995						
GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           TRACTION         TRACTION         2005         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           GM         Buick         Regal         ABS VI         1992         1995	GM	Buick	Park Avenue	ABS/TIM	2000	2005
GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           TRACTION         TRACTION         2005         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           GM         Buick         Regal         ABS VI         1992         1995	014	Destate	Davida Assassas	AIDDAG	4004	0005
GM         Buick         Park Avenue         ER         2000         2005           GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           GM         Buick         Regal         ABS VI         1992         1995	GM	Buick	Park Avenue		1991	2005
GM         Buick         Rainier         ABS         2004         2005           GM         Buick         Rainier         AIRBAG         2004         2005           TRACTION         TRACTION         2005         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           GM         Buick         Regal         ABS VI         1992         1995	GM	Buick	Park Avenue		2000	2005
GM         Buick         Rainier         AIRBAG         2004         2005           GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI						
GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI						
GM         Buick         Rainier         ASSIST         2004         2005           GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI	GIVI	Duick	rainei	_	2004	2003
GM         Buick         Reatta         ABS         1991         1991           GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI	GM	Buick	Rainier		2004	2005
GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI						
GM         Buick         Reatta         II         1988         1990           GM         Buick         Reatta         AIRBAG         1990         1991           GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI						
GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI	GM	Buick	Reatta		1988	1990
GM         Buick         Regal         ABS         1996         2004           GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI	GM	Buick	Reatta	AIRBAG	1990	1991
GM         Buick         Regal         ABS III         1989         1991           GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI		Buick	Regal	ABS	1996	2004
GM         Buick         Regal         ABS VI         1992         1995           ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI         ABS/ETS/TI	GM	Buick	Regal	ABS III	1989	1991
ABS/ETS/TI				ABS VI	1992	
GM Buick Regal M 2000 2004				ABS/ETS/TI		
	GM	Buick	Regal	M	2000	2004

014	Destala	Daniel	ABS/ETS/TI	0000	0004
GM	Buick	Regal	M/VES	2000	2004
GM	Buick	Regal	ABS/TCS/TI	2000	2004
GM	Buick	Regal	M	2000	2004
O.V.	Balok	rtogai	ABS/TCS/TI	2000	2001
GM	Buick	Regal	M/VES	2000	2004
GM	Buick	Regal	AIRBAG	1994	2004
		Regal			
GM	Buick	(1997.5)	ABS	1997	1997
		Regal			
GM	Buick	(1997.5)	AIRBAG	1997	1997
GM	Buick	Rendezvous	ΔRS	2002	2005
CIVI	Dalok	TCHGCZVOGS	ADO	2002	2000
GM	Buick	Rendezvous	ABS/TCS	2002	2005
			ABS/TCS/T		
GM	Buick	Rendezvous	PM	2002	2005
GM	Buick	Rendezvous	ABS/TPM	2002	2005
GM	Buick	Rendezvous	AIDRAC	2002	2005
GIVI	Duick	Rendezvous	AINDAG	2002	2003
GM	Buick	3.4	ABS	2004	2004
		Rendezvous			
GM	Buick	3.4	ABS/TCS	2004	2004
		Rendezvous			
GM	Buick	3.4	PM	2004	2004
CM	Desirale	Rendezvous	ADC/TDM	2004	2004
GM	Buick	3.4 Rendezvous	ABS/TPM	2004	2004
GM	Buick	3.4	AIRBAG	2004	2004
GM	Buick	Riviera	ABS	1991	1993
GM	Buick	Riviera	ABS #1	1995	1999
GM	Buick	Riviera	ABS #2	1995	1999
			ABS TEVES		
GM	Buick	Riviera	II	1988	1990
GM	Buick	Riviera	AIRBAG	1990	1999
GM	Buick	Roadmaster	ABS	1991	1996
GM	Buick	Pondmoster	AIDBAC	1992	1006
GM	Buick	Roadmaster Skylark	AIRBAG ABS	1992	1996 1998
GM GM	Buick Buick	Skylark	ABS VI	1996	1998
GM		,		1991	
GM	Buick Buick	Skylark Terraza	AIRBAG ABS	2005	1998
GM		_	ABS/TCS		2005
GIVI	Buick	Terraza	ABS/TCS/V	2005	2005
GM	Buick	Terraza	SES	2005	2005
GM	Buick	Terraza	AIRBAG	2005	2005
GM	Cadillac	Allante	ABS/ASR	1993	1993
GM	Cadillac	Allante	AIRBAG	1990	1993
GM	Cadillac	Brougham	ABS	1990	1992
GM	Cadillac	Catera	ABS	2000	2001
GM	Cadillac	Comm Chas		1991	1995
GM	Cadillac	Comm Chas		1991	1995
	, J. a.aa.	- John Orlas		. 50 .	

GM	Cadillac	Concours	ABS	1994	1998
GM	Cadillac	Concours	AIRBAG	1994	1998
GM	Cadillac	CTS	ABS/TCS	2003	2003
			ABS/TCS/V		
GM	Cadillac	CTS	SES	2003	2003
GM	Cadillac	CTS	AIRBAG	2003	2005
			DRP/ABS/T		
GM	Cadillac	CTS	CS/VSES	2004	2005
			TIRE		
			PRESS		
GM	Cadillac	CTS	MONITOR	2004	2004
			VARI		
CM	Codilloo	CTC	EFFORT	2002	2002
GM	Cadillac	CTS	STEER VARIABLE	2003	2003
			EFFORT		
GM	Cadillac	CTS	STEERING	2004	2005
GM	Cadillac	DeVille	ABS	1991	1999
Olvi	Caumac	Deville	ABS TEVES	1331	1999
GM	Cadillac	DeVille	II	1989	1990
GM	Cadillac	DeVille	ABS/TCS	2000	2005
Olvi	Caumac	Deville	ABS/TCS/V	2000	2003
GM	Cadillac	DeVille	SES 2	2000	2005
<b>U</b>	- Caamas	2010	ABS/TCS/V		
GM	Cadillac	DeVille	SES 3	2000	2005
			ABS/TCS/V		
GM	Cadillac	DeVille	SES2/BLW	2000	2005
			ABS/TCS/V		
GM	Cadillac	DeVille	SES3/BLW	2000	2005
GM	Cadillac	DeVille	AIRBAG	1990	2005
			CVRSS/AL		
GM	Cadillac	DeVille	С	2000	2001
			ELECT		
			SUSP		
GM	Cadillac	DeVille	CNTRL	2002	2005
			MAGNASTE		
GM	Cadillac	DeVille	ER	2000	2005
			SPEED		
CM	Cadillac	DoVillo	SENS STEER	2000	2005
GM	Caulliac	DeVille	TIRE	2000	2005
			PRESSURE		
GM	Cadillac	DeVille	MONITOR	2001	2005
GM	Cadillac	DHS	ABS/TCS	2005	2005
3111	Jaamao	51.15	ABS/TCS/V	_000	_000
GM	Cadillac	DHS	SES 2	2005	2005
			ABS/TCS/V		
GM	Cadillac	DHS	SES 3	2005	2005
			ABS/TCS/V		
GM	Cadillac	DHS	SES2/BLW	2005	2005
			ABS/TCS/V		
GM	Cadillac	DHS	SES3/BLW	2005	2005
GM	Cadillac	DHS	AIRBAG	2005	2005
			ELECT		
			SUSP		
GM	Cadillac	DHS	CNTRL	2005	2005

		1			
CM	Codillos	DITIC	MAGNASTE	2005	2005
GM	Cadillac	DHS	ER	2005	2005
			SPEED SENS		
GM	Cadillac	DHS	STEER	2005	2005
CIVI	Cadinac	Dile	TIRE	2000	2000
			PRESSURE		
GM	Cadillac	DHS	MONITOR	2005	2005
GM	Cadillac	DTS	ABS/TCS	2005	2005
			ABS/TCS/V		
GM	Cadillac	DTS	SES 2	2005	2005
			ABS/TCS/V		
GM	Cadillac	DTS	SES 3	2005	2005
			ABS/TCS/V		
GM	Cadillac	DTS	SES2/BLW	2005	2005
			ABS/TCS/V		
GM	Cadillac	DTS	SES3/BLW	2005	2005
GM	Cadillac	DTS	AIRBAG	2005	2005
			ELECT		
CM	On all line	DTC	SUSP	2005	2005
GM	Cadillac	DTS	CNTRL	2005	2005
GM	Cadillac	DTS	MAGNASTE ER	2005	2005
GIVI	Caulliac	013	SPEED	2005	2003
			SENS		
GM	Cadillac	DTS	STEER	2005	2005
<u> </u>	Juanua		TIRE	2000	2000
			PRESSURE		
GM	Cadillac	DTS	MONITOR	2005	2005
GM	Cadillac	Eldorado	ABS	1991	1999
			<b>ABS TEVES</b>		
GM	Cadillac	Eldorado	II	1988	1990
GM	Cadillac	Eldorado	ABS/ASR	1993	1993
GM	Cadillac	Eldorado	ABS/TCS	2000	2002
			ABS/TCS		
GM	Cadillac	Eldorado	ICCS2	2000	2002
			ABS/TCS		
GM	Cadillac	Eldorado	ICCS3	2000	2002
GM	Cadillac	Eldorado	AIRBAG	1990	2002
			CVRSS/AL		
GM	Cadillac	Eldorado	C	2000	2002
CM	Codillos	Eldorod	DUAL	1002	1002
GM	Cadillac	Eldorado	AIRBAGS	1993	1993
GM	Cadillac	Escalade	ABS	2000	2005
GM	Cadillac	Escalade	AIRBAG	1999	2005
			ELECT SUSP		
GM	Cadillac	Escalade	CNTRL	2003	2005
Civi	Jaulilau	Localage	CIVITAL	2000	2000
			ELECT		
GM	Cadillac	Escalade	VARI ORFIC	2000	2002
			REAR		
			WHEEL		
GM	Cadillac	Escalade	STEER	2002	2005
GM	Cadillac	Escalade	RTD / EVO	2000	2002

			TIDE		
			TIRE		
014	0 - 1111	E I I.	PRESSURE	0004	0005
GM	Cadillac	Escalade	MONITOR	2004	2005
014	0 - 1111	E I I.	TRACTION	0004	0005
GM	Cadillac	Escalade	ASSIST	2004	2005
GM	Cadillac	Escalade	VSES	2002	2005
		Escalade			
GM	Cadillac	EXT	ABS	2002	2003
		Escalade			
GM	Cadillac	EXT	AIRBAG	2002	2003
			ELECT		
014	0 - 1111	Escalade	SUSP	0000	0000
GM	Cadillac	EXT	CNTRL	2003	2003
		E I I.	FLEOT		
CM	Codilloo	Escalade	ELECT	2002	2002
GM	Cadillac	EXT	VARI ORFIC	2002	2002
		Escalade	REAR WHEEL		
GM	Cadillac	EXT	STEER	2002	2003
GIVI	Caumac	Escalade	SILLK	2002	2003
GM	Cadillac	EXT	RTD / EVO	2002	2002
GIVI	Caulliac	Escalade	KID/EVO	2002	2002
GM	Cadillac	EXT	VSES	2002	2003
GM	Cadillac	Fleetwood	ABS	1991	1996
CM	0-4:11-		ABSTEVES	4000	4000
GM	Cadillac	Fleetwood	100/100	1989	1990
GM	Cadillac	Fleetwood	ABS/ASR	1993	1993
GM	Cadillac	Fleetwood	AIRBAG	1990	1996
GM	Cadillac	Seville	ABS	1991	1999
			ABSTEVES		
GM	Cadillac	Seville	II	1988	1990
GM	Cadillac	Seville	ABS/ASR	1993	1993
GM	Cadillac	Seville	ABS/TCS	2000	2004
			ABS/TCS/V		
GM	Cadillac	Seville	SES 2	2000	2004
			ABS/TCS/V		
GM	Cadillac	Seville	SES 3	2000	2004
			ABS/TCS/V		
GM	Cadillac	Seville	SES2/BLW	2000	2004
			ABS/TCS/V		
GM	Cadillac	Seville	SES3/BLW	2000	2004
GM	Cadillac	Seville	AIRBAG	1990	2004
			CVRSS/AL		
GM	Cadillac	Seville	С	2000	2001
			DUAL		
GM	Cadillac	Seville	AIRBAGS	1993	1993
			ELECT		
			SUSP		
GM	Cadillac	Seville	CNTRL	2002	2004
			MAGNASTE		
GM	Cadillac	Seville	ER	2000	2004
			SPEED		
			SENS		
GM	Cadillac	Seville	STEER	2000	2004
			TIRE		
			PRESSURE		
GM	Cadillac	Seville	MONITOR	2001	2004

GM	Cadillac	SRX	AIRBAG	2004	2005
014		000	DRP/ABS/T	0004	0005
GM	Cadillac	SRX	CS/VSES	2004	2005
			SUSP		
GM	Cadillac	SRX	CNTRL	2004	2005
Civi	Cadillac	O TOX	TIRE	2004	2000
			PRESS		
GM	Cadillac	SRX	MONITOR	2004	2005
			VARIABLE		
			EFFORT		
GM	Cadillac	SRX	STEERING	2004	2005
GM	Cadillac	STS	ABS	2005	2005
			ABS/TCS/V		
GM	Cadillac	STS	SES	2005	2005
GM	Cadillac	STS	AIRBAG	2005	2005
			ELECT		
CM	Codillos	CTC	SUSP	2005	2005
GM	Cadillac	STS	VARIABLE	2005	2005
			EFFORT		
GM	Cadillac	STS	STEERING	2005	2005
GM	Cadillac	XLR	ABS	2004	2005
O.III	Caamao	, ALIX	ABS/TCS/V	2001	2000
GM	Cadillac	XLR	SES	2005	2005
GM	Cadillac	XLR	AIRBAG	2004	2005
			ELECT		
			SUSP		
GM	Cadillac	XLR	CNTRL	2005	2005
			PARK		
GM	Cadillac	XLR	BRAKE	2004	2005
			TIRE		
CM	Codilloo	VI D	PRESS	2004	2005
GM	Cadillac	XLR	MONITOR VARIABLE	2004	2005
			EFFORT		
GM	Cadillac	XLR	STEERING	2004	2005
GM	Chevrolet	Astro	ABS	2004	2005
GM	Chevrolet	Astro	AIRBAG	2004	2005
GM	Chevrolet	Astro AWD	ABS	2000	2003
	3				
GM	Chevrolet	Astro AWD	ABS (4WAL)	1999	1999
GM	Chevrolet	Astro AWD	AIRBAG	1999	2003
GM	Chevrolet	Astro RWD	ABS	2000	2003
GM	Chevrolet	Astro RWD	ABS (4WAL)	1999	1999
GM	Chevrolet	Astro RWD	AIRBAG	1999	2003
GM	Chevrolet	Astro Van	ABS (4WAL)	1990	1998
			ABS		
GM	Chevrolet	Astro Van	(RWAL)	1989	1994
GM	Chevrolet	Astro Van	AIRBAG	1994	1998
GM	Chevrolet	Avalanche	ABS	2002	2005
GM	Chevrolet	Avalanche	AIRBAG	2002	2005
			ELECT		
CM	Charmalat	Avelerate	SUSP	2002	2005
GM	Chevrolet	Avalanche	CNTRL	2003	2005

			ELECT		
GM	Chevrolet	Avalanche	VARI ORFIC	2002	2002
<b>5</b>	GHOVIOIO	711414110110	REAR		
			WHEEL		
GM	Chevrolet	Avalanche	STEER	2002	2005
GM	Chevrolet	Avalanche	RTD / EVO	2002	2002
			TIRE		
			PRESSURE		
GM	Chevrolet	Avalanche	MONITOR	2004	2005
014	Observation	A	TRACTION	0000	0005
GM	Chevrolet	Avalanche	ASSIST	2002	2005
GM	Chevrolet	Avalanche	VSES ABS	2002	2005
GM	Chevrolet	Aveo	(Delphi)	2004	2004
Civi	Oneviolet	71000	ABS	2004	2004
GM	Chevrolet	Aveo	(MANDO)	2005	2005
			ABS/TCS		
GM	Chevrolet	Aveo	(Delphi)	2004	2004
			ABS		
			HYDRAULI		
			C 4WAL 4		
GM	Chevrolet	B7 Chassis	SNSR	2002	2002
			ABS		
			HYDRAULI C 4WAL 4		
GM	Chevrolet	B7-Chassis	SNSR	2000	2005
GM	Chevrolet	B7-Chassis	AIRBAG	2005	2005
GM	Chevrolet	Beretta	ABS	1996	1996
GM	Chevrolet	Beretta	ABS VI	1991	1995
GM	Chevrolet	Beretta	AIRBAG	1991	1996
GM	Chevrolet	Blazer	ABS	2004	2005
GM	Chevrolet	Blazer	AIRBAG	2004	2005
Civi	Oneviolet	Diazoi	TRACTION	2004	2000
GM	Chevrolet	Blazer	ASSIST	2004	2005
GM	Chevrolet	Blazer 2WD	ABS	2000	2003
GM	Chevrolet	Blazer 2WD	ABS (4WAL)	1996	1999
GM	Chevrolet	Blazer 2WD	AIRBAG	1996	2002
			TRACTION		
GM	Chevrolet	Blazer 2WD	ASSIST	2002	2003
GM	Chevrolet	Blazer 4WD	ABS	2000	2003
014	01	DI (14/5	ADO (4):11:	1000	1000
GM	Chevrolet	Blazer 4WD	ABS (4WAL)		1999
GM	Chevrolet	Blazer 4WD	AIRBAG	1996	2002
GM	Chevrolet	Rus Chassia	ABS (4WAL)	1001	1991
GIVI	Cheviolet	Dus Chassis	ABS (4WAL)	1331	1331
GM	Chevrolet	Bus Chassis	_	1991	1991
		2.2 2.1.00010	ABS		
			HYDRAULI		
			C 4WAL 4		
GM	Chevrolet	C Series	SNSR	2002	2002
			ABS		
			HYDRAULI		
CM	Charmalat	C Corio	C 4WAL 4	2000	2005
GM	Chevrolet	C-Series	SNSR	2000	2005

GM         Chevrolet         C-Series         AIRBAG         2005         2005           GM         Chevrolet         C1500         ABS (4WAL)         1999         1999           GM         Chevrolet         C1500         AIRBAG         1999         1999           GM         Chevrolet         C1500 2WD         ABS (4WAL)         1996         1998           GM         Chevrolet         C1500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C1500,2WD         AIRBAG         1996         1998           GM         Chevrolet         C1500,2WD         AIRBAG         1996         1997           GM         Chevrolet         C1500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C1500,2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 ALT         ABS         2000         2000           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         C2500         ABS         2000<						
GM         Chevrolet         C1500         AIRBAG         1999         1999           GM         Chevrolet         C1500 2WD         ABS (4WAL)         1996         1998           GM         Chevrolet         C1500 2WD         AIRBAG         1996         1998           GM         Chevrolet         C1500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C1500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         ASSIST         2000         2000           GM         Chevrolet         OB600         ABS (4WAL)         199	GM	Chevrolet	C-Series	AIRBAG	2005	2005
GM         Chevrolet         C1500         AIRBAG         1999         1999           GM         Chevrolet         C1500 2WD         ABS (4WAL)         1996         1998           GM         Chevrolet         C1500 2WD         AIRBAG         1996         1998           GM         Chevrolet         C1500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C1500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 ALT         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           C2500 ALT         RTD / EVO         2000         2000         2000           GM         Chevrolet         PUEL         ASSIST         2000         200	GM	Chourslot	C1500	ARS (ANAL)	1000	1000
GM         Chevrolet         C1500 2WD         ABS (4WAL)         1996         1998           GM         Chevrolet         C1500 2WD         AIRBAG         1996         1998           GM         Chevrolet         C1500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C1500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500,2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500,2WD         AIRBAG         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         C2500,2WD         AIRBAG         1998         2000           GM         Chevrolet         C98600         ABS						
GM         Chevrolet         C1500 2WD         AIRBAG         1996         1998           GM         Chevrolet         C1500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C1500,2WD         (RWAL)         1998         1994           GM         Chevrolet         C2500 2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           C2500 ALT         GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         ASSIST         2000         2000           GM         Chevrolet         C2500 ALT         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL) <td>Civi</td> <td>Cheviolet</td> <td>01300</td> <td>AINDAG</td> <td>1333</td> <td>1333</td>	Civi	Cheviolet	01300	AINDAG	1333	1333
GM         Chevrolet         C1500 2WD         AIRBAG         1996         1998           GM         Chevrolet         C1500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C1500,2WD         (RWAL)         1998         1994           GM         Chevrolet         C2500 2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           C2500 ALT         GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         ASSIST         2000         2000           GM         Chevrolet         C2500 ALT         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL) <td>GM</td> <td>Chevrolet</td> <td>C1500 2WD</td> <td>ABS (4WAL)</td> <td>1996</td> <td>1998</td>	GM	Chevrolet	C1500 2WD	ABS (4WAL)	1996	1998
GM         Chevrolet         C1500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C1500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C1500,2WD         AlRBAG         1994         1995           GM         Chevrolet         C2500,2WD         AlRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         ABS (4WAL)         1998         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         PUEL         RTD / EVO         2000         2000           GM         Chevrolet         08600         ABS         2000         2000           GM         Chevrolet         08600         ABS (4WAL)         1998         1999           GM         Chevrolet         08600         ABS (4WAL)         1998				` `		
GM         Chevrolet         C1500,2WD         ABS (RWAL)         1988         1994           GM         Chevrolet         C1500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 ALT         ABS         2000         2000           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL)         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000						
GM         Chevrolet         C1500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C1500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         C2500         ABS         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL)         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000	GM	Chevrolet	C1500,2WD	ABS (4WAL)	1991	1995
GM         Chevrolet         C1500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500 2WD         ABS (4WAL)         1996         1997           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         C2500 ALT         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000				ABS		
GM         Chevrolet         C2500 2WD         ABS (4WAL)         1996         1997           GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         ASSIST         2000         2000           GM         Chevrolet         08600         ABS         2000         2000           GM         Chevrolet         08600         ABS (4WAL)         1998         1999           GM         Chevrolet         08600         AIRBAG         1998         2000           GM         Chevrolet         08600         AIRBAG         1998         2000           GM         Chevrolet         08600         ASSIST         2000         2000     <	GM	Chevrolet	C1500,2WD	(RWAL)	1988	1994
GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         FUEL         ASSIST         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL)         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000	GM	Chevrolet	C1500,2WD	AIRBAG	1994	1995
GM         Chevrolet         C2500 2WD         AIRBAG         1996         1997           GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         FUEL         ASSIST         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL)         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000	CM	Ch as made t	C0500 0MD	A D.C. (4)A(A1.)	4000	4007
GM         Chevrolet         FUEL C2500 ALT FUEL         ABS         2000         2000           GM         Chevrolet         FUEL FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL FUEL FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL FUEL FUEL FUEL FUEL         RTD / EVO         2000         2000           GM         Chevrolet         FUEL FUEL FUEL FUEL FUEL FUEL FUEL FUEL				` `		
GM         Chevrolet         FUEL         ABS         2000         2000           GM         Chevrolet         FUEL         ABS (4WAL)         1998         1998           GM         Chevrolet         FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999	GIVI	Chevrolet		AIRBAG	1996	1997
Chevrolet	GM	Chevrolet		ABS	2000	2000
GM         Chevrolet         C2500 ALT FUEL         AIRBAG         1998         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         C2500 ALT FUEL         RSSIST         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         1998         1999           C2500         GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000         2000           GM         Chevrolet         U8600         AIRBAG         1998         2000         2000						
GM         Chevrolet         FUEL C2500 ALT FUEL RTD / EVO C2000         2000           GM         Chevrolet         FUEL RTD / EVO C2000         2000           GM         Chevrolet         FUEL RTD / EVO C2000         2000           GM         Chevrolet         C2500 ALT ASSIST C2000         2000           GM         Chevrolet C2500 O8600         ABS C2000         2000           GM         Chevrolet C2500 O8600         ABS (4WAL) 1998 A1999         1999           C2500 GM         Chevrolet C2500 O8600         AIRBAG A1998 A2000         2000           GM         Chevrolet C2500 O8600 OASSIST C2000 ASSIST C2000 ASSIST C2000 A2000         2000           GM         Chevrolet U8600 OABS (4WAL) 1998 A1999 A2000         2000           GM         Chevrolet U8600 OABS (4WAL) 1998 A1999 A1999         1999           C2500 GM C2500 C2500 A1RBAG A1RBAG A1998 A2000 A1RBAG A18BAG A1998 A2000         2000           GM         Chevrolet U8600 A1RBAG A18BAG A1998 A2000 A1RBAG A1991 A1995           GM         Chevrolet C2500,2WD A1RBAG A1991 A1995 A18BAG A1994 A1995           GM         Chevrolet C2500,2WD A1RBAG A1994 A1995 A18BAG A1994 A1995           GM         Chevrolet C2500,2WD A1RBAG A1994 A1995 A18BAG A1994 A1	GM	Chevrolet		ABS (4WAL)	1998	1998
GM         Chevrolet         C2500 ALT FUEL         RTD / EVO         2000         2000           GM         Chevrolet         FUEL         RTD / EVO         2000         2000           GM         Chevrolet         C2500         ASSIST         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL)         1998         1999           CM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           C2500         GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         C2500         TRACTION         A			C2500 ALT			
GM         Chevrolet         FUEL C2500 ALT C2500 ALT TRACTION ASSIST         2000         2000           GM         Chevrolet         C2500 ALT FUEL ASSIST         2000         2000           GM         Chevrolet         O8600 ABS         2000         2000           GM         Chevrolet         O8600 ABS (4WAL)         1998         1999           GM         Chevrolet         O8600 AIRBAG         1998         2000           GM         Chevrolet         O8600 AIRBAG         1998         2000           GM         Chevrolet         O8600 AIRBAG         1998         2000           GM         Chevrolet         O8600 ASSIST         2000         2000           GM         Chevrolet         U8600 ABS         2000         2000           GM         Chevrolet         U8600 ABS (4WAL)         1998         1999           GM         Chevrolet         U8600 ABS (4WAL)         1998         1999           GM         Chevrolet         U8600 AIRBAG         1998         2000           C2500         GM         Chevrolet         C2500         CASSIST         2000         2000           GM         Chevrolet         C2500,2WD ABS (4WAL)         1991         1995	GM	Chevrolet	_	AIRBAG	1998	2000
GM         Chevrolet         FUEL         ASSIST         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000	014	01		DTD / 51/6	0000	0000
GM         Chevrolet         FUEL         ASSIST         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL)         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         C2500         TRACTION         ABS         4000 <td< td=""><td>GM</td><td>Chevrolet</td><td></td><td></td><td>2000</td><td>2000</td></td<>	GM	Chevrolet			2000	2000
GM         Chevrolet         Q8600         ABS         2000         2000           GM         Chevrolet         Q8600         ABS (4WAL) 1998         1999           C2500         Chevrolet         Q8600         AIRBAG         1998         2000           GM         Chevrolet         Q8600         RTD / EVO         2000         2000           GM         Chevrolet         Q8600         ASSIST         2000         2000           GM         Chevrolet         Q8600         ASSIST         2000         2000           GM         Chevrolet         Q8600         ABS         (4WAL)         1998         1999           GM         Chevrolet         Q8600         AIRBAG         1998         2000         2000           GM         Chevrolet         Q8600         AIRBAG         1998         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)	GM	Chevrolet			2000	2000
GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         ABS (4WAL)         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         AIRBAG         1994	Civi	Oneviolet		7.00101	2000	2300
GM         Chevrolet         C2500 O8600         ABS (4WAL)         1998         1999           GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1994         1995           GM         Chevrolet         C3500         ABS         2000	GM	Chevrolet		ABS	2000	2000
GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2			C2500			
GM         Chevrolet         O8600         AIRBAG         1998         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS (4WAL)         1999	GM	Chevrolet	O8600	ABS (4WAL)	1998	1999
GM         Chevrolet         C2500 O8600 RTD / EVO D000         2000 D000           GM         Chevrolet O8600 ASSIST D000 D000         2000 D000           GM         Chevrolet U8600 ABS D000 D000         2000 D000           GM         Chevrolet U8600 ABS (4WAL) 1998 D000         1998 D000           GM         Chevrolet U8600 ABS (4WAL) 1998 D000         1998 D000           GM         Chevrolet U8600 AIRBAG D000 D000         2000 D000           GM         Chevrolet U8600 ASSIST D000 D000         2000 D000           GM         Chevrolet U8600 ASSIST D000 D000         2000 D000           GM         Chevrolet C2500,2WD ABS (4WAL) 1991 D000         1995 D000           GM         Chevrolet C2500,2WD AIRBAG D000 D000         1994 D000           GM         Chevrolet C3500 ABS D000 D000         2000 D000           GM         Chevrolet C3500 ABS D000 D000         2000 D000           GM         Chevrolet C3500 AIRBAG D000 D000 D000         2000 D000						
GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999	GM	Chevrolet		AIRBAG	1998	2000
GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999 <td< td=""><td>GM</td><td>Chevrolot</td><td></td><td>RTD / EVO</td><td>2000</td><td>2000</td></td<>	GM	Chevrolot		RTD / EVO	2000	2000
GM         Chevrolet         O8600         ASSIST         2000         2000           GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000	JIVI	Cheviolet			2000	2000
GM         Chevrolet         U8600         ABS         2000         2000           GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           CBM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000	GM	Chevrolet			2000	2000
GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000			C2500			
GM         Chevrolet         U8600         ABS (4WAL)         1998         1999           GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	GM	Chevrolet	U8600	ABS	2000	2000
GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000						
GM         Chevrolet         U8600         AIRBAG         1998         2000           GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	GM	Chevrolet		ABS (4WAL)	1998	1999
GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	GM	Chavrolat		AIRBAC	1002	2000
GM         Chevrolet         U8600         RTD / EVO         2000         2000           GM         Chevrolet         U8600         ASSIST         2000         2000           GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	JIVI	Cheviolet		AINDAG	1990	2000
GM         Chevrolet         U8600         TRACTION ASSIST         2000         2000           GM         Chevrolet         C2500,2WD ABS (4WAL) 1991         1995           ABS         ABS         1994         1994           GM         Chevrolet         C2500,2WD (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	GM	Chevrolet		RTD / EVO	2000	2000
GM         Chevrolet         C2500,2WD         ABS (4WAL)         1991         1995           GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000						
GM         Chevrolet         C2500,2WD (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD AIRBAG         1994         1995           GM         Chevrolet         C3500 ABS         2000         2000           GM         Chevrolet         C3500 ABS (4WAL)         1999         1999           GM         Chevrolet         C3500 AIRBAG         1999         2000           GM         Chevrolet         C3500 RTD / EVO         2000         2000	GM	Chevrolet	U8600	ASSIST	2000	2000
GM         Chevrolet         C2500,2WD (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD AIRBAG         1994         1995           GM         Chevrolet         C3500 ABS         2000         2000           GM         Chevrolet         C3500 ABS (4WAL)         1999         1999           GM         Chevrolet         C3500 AIRBAG         1999         2000           GM         Chevrolet         C3500 RTD / EVO         2000         2000						
GM         Chevrolet         C2500,2WD         (RWAL)         1988         1994           GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	GM	Chevrolet	C2500,2WD	1	1991	1995
GM         Chevrolet         C2500,2WD         AIRBAG         1994         1995           GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	CM	Charmalat	C2500 214/D	_	1000	1004
GM         Chevrolet         C3500         ABS         2000         2000           GM         Chevrolet         C3500         ABS (4WAL) 1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000			,			
GM         Chevrolet         C3500         ABS (4WAL)         1999         1999           GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000			1			
GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	GIVI	Cheviolet	C3300	ADS	2000	2000
GM         Chevrolet         C3500         AIRBAG         1999         2000           GM         Chevrolet         C3500         RTD / EVO         2000         2000	GM	Chevrolet	C3500	ABS (4WAL)	1999	1999
GM Chevrolet C3500 RTD / EVO 2000 2000						
				TRACTION		
GM Chevrolet C3500 ASSIST 2000 2000	GM	Chevrolet	C3500		2000	2000

GM	Chevrolet	C3500 2WD	ABS (4WAL)	1996	1998
GM	Chevrolet	C3500 2WD	AIRBAG	1996	1998
GM	Chevrolet	C3500,2WD	ABS (4WAL)	1991	1995
GM	Chevrolet	C3500,2WD	(RWAL)	1988	1994
GM	Chevrolet	C3500,2WD	AIRBAG	1994	1995
GM	Chevrolet	Camaro	ABS	1996	2002
GM	Chevrolet	Camaro	ABS VI	1993	1995
GM	Chevrolet	Camaro	ABS/ETS	2000	2002
GM	Chevrolet	Camaro	ABS/TCS	2000	2002
GM	Chevrolet	Camaro	AIRBAG	1990	2002
GM	Chevrolet	Caprice	ABS	1991	1996
GM	Chevrolet	Caprice	AIRBAG	1991	1996
GM	Chevrolet	Cavalier	ABS	1996	2005
GM	Chevrolet	Cavalier	ABS VI	1992	1995
GM	Chevrolet	Cavalier	ABS/ETS	2000	2005
GM	Chevrolet	Cavalier	AIRBAG	1993	2005
		Cavalier			
GM	Chevrolet	Alt/F	ABS	2001	2002
		Cavalier			
GM	Chevrolet	Alt/F	ABS/ETS	2001	2002
CM	Charmalat	Cavalier Alt/F	AIDDAC	2004	2002
GM	Chevrolet	Chassis	AIRBAG	2001	2002
GM	Chevrolet	Only	ABS (4WAL)	1991	1991
GM	Chevrolet	Cobalt 2.0L	ABS	2005	2005
GM	Chevrolet	Cobalt 2.0L	AIRBAG	2005	2005
			POWER		
			STEERING		
GM	Chevrolet	Cobalt 2.0L	SYSTEM	2005	2005
GM	Chevrolet	Cobalt 2.2L	ABS	2005	2005
GM	Chevrolet	Cobalt 2.2L	AIRBAG	2005	2005
			POWER		
GM	Chevrolet	Cobalt 2.2L	STEERING SYSTEM	2005	2005
GM	Chevrolet	Colorado	ABS	2003	2005
GM	Chevrolet	Colorado	ABS/TCS	2004	2003
GM			AIRBAG	2004	
GM	Chevrolet Chevrolet	Colorado Corsica	ABS	1996	2005 1996
GM	Chevrolet	Corsica	ABS VI	1990	1995
GM	Chevrolet	Corsica	AIRBAG	1991	1996
GM GM	Chevrolet Chevrolet	Corvette	ABS/ASR	1990 1992	2005
		Corvette			1993
GM	Chevrolet	Corveile	ABS/TCS/M	2000	2004
GM	Chevrolet	Corvette	AGSTEER	2000	2000
			ABS/TCS/V		
GM	Chevrolet	Corvette	SES	2000	2004
GM	Chevrolet	Corvette	AIRBAG	1993	2005
GM	Chevrolet	Corvette	RTD	2000	2004
			TIRE PRESS		
GM	Chevrolet	Corvette	MONITOR	2005	2005
	3	33.7000		_000	_000

		•			
			VARIABLE		
			EFFORT		
GM	Chevrolet	Corvette	STEERING	2005	2005
		Corvette/Co			
GM	Chevrolet	nv	ABS	1991	1991
GM	Chevrolet	Equinox	ABS	2005	2005
GM	Chevrolet	Equinox	ABS/TCS	2005	2005
			ELECT		
			PWR		
GM	Chevrolet	Equinox	STEERING	2005	2005
GM	Chevrolet	Express	ABS	2003	2005
GM	Chevrolet	Express	ABS (4WAL)	1999	2002
GM	Chevrolet	Express	AIRBAG	1999	2005
GM	Chevrolet	Express	VSES	2004	2005
		Express			
GM	Chevrolet	Access	ABS	2004	2005
		Express			
GM	Chevrolet	Access	AIRBAG	2004	2005
		Express			
GM	Chevrolet	Access	VSES	2004	2005
		Express			
GM	Chevrolet	BiFuel	ABS	2004	2004
		Express			
GM	Chevrolet	BiFuel	AIRBAG	2004	2004
		Express			
GM	Chevrolet	BiFuel	VSES	2004	2004
		Express			
GM	Chevrolet	CNG	ABS	2004	2004
		Express			
GM	Chevrolet	CNG	AIRBAG	2004	2004
		Express			
GM	Chevrolet	CNG	VSES	2004	2004
GM	Chevrolet	G10 Van	ABS (4WAL)	1991	1996
			ABS		
GM	Chevrolet	G10 Van	(RWAL)	1990	1995
GM	Chevrolet	G10 Van	AIRBAG	1994	1996
GM	Chevrolet	G1500 Van	ABS (4WAL)	1997	1998
GM	Chevrolet	G1500 Van	AIRBAG	1997	1998
	30010	J.000 Van			
GM	Chevrolet	G20 Van	ABS (4WAL)	1991	1996
			ABS		
GM	Chevrolet	G20 Van	(RWAL)	1990	1995
GM	Chevrolet	G20 Van	AIRBAG	1994	1996
U.VI	Jiloviolet	JZU VAII	, iii CD/ CO	1004	1300
GM	Chevrolet	G2500 Van	ABS (4WAL)	1997	1998
GM	Chevrolet	G2500 Van	AIRBAG	1997	1998
JIVI	SHEVIOLEL	J2500 Vail	AINDAG	1991	1990
GM	Chevrolet	G30 Van	ABS (4WAL)	1991	1996
Civi	Cheviolet	USU Vali	ABS (4WAL)	1331	1990
GM	Chevrolet	G30 Van	(RWAL)	1990	1995
GM	Chevrolet	G30 Van	AIRBAG	1994	1996
CM	Charrelet	C2500 Va	A D.C. (4)A(A1.)	1007	1000
GM	Chevrolet	G3500 Van	ABS (4WAL)		1998
GM	Chevrolet	G3500 Van	AIRBAG	1997	1998

		Hearse/Lim			
GM	Chevrolet	0	ABS	1991	1994
		Hearse/Lim			
GM	Chevrolet	0	AIRBAG	1991	1994
GM	Chevrolet	Impala	ABS	1995	1996
			ABS/TCS/TI		
GM	Chevrolet	Impala	M	2000	2005
GM	Chevrolet	Impala	ABS/TCS/TI M/VES	2000	2003
GIVI	CHEVIOLE	ППрага	ABS/TCS/V	2000	2003
GM	Chevrolet	Impala	ES/TIM	2004	2005
GM	Chevrolet	Impala	ABS/TIM	2000	2005
GM	Chevrolet	Impala	AIRBAG	1995	2005
		K-	ABS		
GM	Chevrolet	Blazer,2WD	(RWAL)	1990	1991
		K-	ABS		
GM	Chevrolet	Blazer,4WD	(RWAL)	1990	1991
014	Ob account to t	144500	A D.O. (4) A (A L.)	4000	4000
GM	Chevrolet	K1500	ABS (4WAL)		1999
GM	Chevrolet	K1500	AIRBAG	1999	1999
GM	Chevrolet	K1500 4WD	ABS (4WAL)	1996	1998
GM	Chevrolet	K1500 4WD	AIRBAG	1996	1998
Civi	Oneviolet	111000 4111	THIRDITO	1000	1000
GM	Chevrolet	K1500,4WD	ABS (4WAL)	1991	1995
			ABS		
GM	Chevrolet	K1500,4WD	(RWAL)	1988	1994
GM	Chevrolet	K1500,4WD	AIRBAG	1994	1995
GM	Chevrolet		ABS (4WAL)		1997
GM	Chevrolet	K2500 4WD	AIRBAG	1996	1997
CM	Oh av mallat	K2500	ADC	2000	2000
GM	Chevrolet	O8600 K2500	ABS	2000	2000
GM	Chevrolet	O8600	ABS (4WAL)	1998	1999
<b>5</b>	0110110101	K2500	7.20 (117.2)		.000
GM	Chevrolet	O8600	AIRBAG	1998	2000
		K2500	ELECT		
GM	Chevrolet	O8600	VARI ORFIC	2000	2000
GM	Chevrolet	K2500 O8600	RTD / EVO	2000	2000
Givi	Crieviolet	K2500	KID/EVO	2000	2000
GM	Chevrolet	U8600	ABS	2000	2000
<b>5</b>	0110110101	K2500	7.20		2000
GM	Chevrolet	U8600	ABS (4WAL)	1998	1999
		K2500			
GM	Chevrolet	U8600	AIRBAG	1998	2000
		140505	E1 E0=		
GM	Chevrolet	K2500 U8600	VARI ORFIC	2000	2000
GIVI	Cheviolet	K2500	VARIORFIC	2000	2000
GM	Chevrolet	U8600	RTD / EVO	2000	2000
GM	Chevrolet	K2500,4WD	ABS (4WAL)	1991	1995
			ABS		
GM	Chevrolet	K2500,4WD	(RWAL)	1988	1994

OM	Oh as mala t	1/0500 AMD	AIDDAG	1001	4005
GM	Chevrolet	K2500,4WD		1994	1995
GM	Chevrolet	K3500	ABS	2000	2000
GM	Chevrolet	K3500	ABS (4WAL)	1000	1999
GM	Chevrolet	K3500	AIRBAG	1999	2000
Givi	Cheviolet	K3300	AINDAG	1999	2000
			ELECT		
GM	Chevrolet	K3500	VARI ORFIC	2000	2000
GM	Chevrolet	K3500	RTD / EVO	2000	2000
GM	Chevrolet	K3500 4WD	ABS (4WAL)	1996	1998
GM	Chevrolet	K3500 4WD	AIRBAG	1996	1998
GM	Chevrolet	K3500,4WD	ABS (4WAL)	1991	1995
GM	Chevrolet	K3500,4WD	(RWAL)	1988	1994
GM					
GIVI	Chevrolet	K3500,4WD	AIRBAG	1994	1995
GM	Chevrolet	Kodiak	ABS (4WAL)	1991	1991
			ABS		
GM	Chevrolet	Kodiak	(RWAL)	1991	1991
GM	Chevrolet	Lumina	ABS	1996	2002
GM	Chevrolet	Lumina	ABS VI	1992	1995
GM	Chevrolet	Lumina	AIRBAG	1994	2001
GM	Chevrolet	Lumina APV	ABS	1996	1996
GM	Chevrolet	Lumina APV	ABS VI	1992	1995
GM	Chevrolet	Lumina APV	AIRBAG	1994	1996
GM	Chevrolet	Malibu	ABS	1997	2005
GM	Chevrolet	Malibu	ABS/ETS	2000	2003
OIVI	Oneviolet	Ivialibu	ABS/ETS/TI	2000	2003
GM	Chevrolet	Malibu	M/VES	2000	2003
			ABS/ETS/V		
GM	Chevrolet	Malibu	ES	2000	2003
GM	Chevrolet	Malibu	AIRBAG	1997	2005
			POWER		
			STEERING		
GM	Chevrolet	Malibu	SYSTEM	2004	2004
			PWR		
GM	Chevrolet	Malibu	STEERING	2005	2005
GM	Chevrolet	Malibu Malibu	(GM LAN)	2005	2005
GM	Chevrolet	Classic	ABS	2004	2005
		Malibu			
GM	Chevrolet	Classic	ABS/ETS	2004	2005
		Malibu	ABS/ETS/TI		
GM	Chevrolet	Classic	M/VES	2004	2005
014		Malibu	ABS/ETS/V	0001	0637
GM	Chevrolet	Classic	ES	2004	2005
GM	Chayralat	Malibu	AIDDAC	2004	2005
GM	Chevrolet	Classic	AIRBAG ABS	2004	2005
			HYDRAULI		
		MD B7-	C 4WAL 4		
GM	Chevrolet	Chassis	SNSR	2004	2004

		=	ELECT		
CNA	Oh as malat	MD B7-	SUSP	2002	2002
GM	Chevrolet	Chassis	CNTRL ABS	2003	2003
			HYDRAULI		
			C 4WAL 4		
GM	Chevrolet	MD C-Series	SNSR	2004	2004
GM	Chevrolet	MD C-Series	AIRBAG	2004	2004
			ELECT		
CNA	Oh as malat	MD C Carias	SUSP	2002	2002
GM	Chevrolet	MD C-Series	ABS	2003	2003
			HYDRAULI		
			C 4WAL 4		
GM	Chevrolet	MD T-Series	SNSR	2004	2004
GM	Chevrolet	MD T-Series	AIRBAG	2004	2004
			ELECT		
CM	Oh as malat	MD T Carias	SUSP	2002	2002
GM	Chevrolet	MD T-Series	ELECT	2003	2003
		MD W22	SUSP		
GM	Chevrolet	Series	CNTRL	2003	2003
		MD W4			
GM	Chevrolet	Series	ABS	2004	2004
			ELECT		
		MD W4	SUSP		
GM	Chevrolet	Series	CNTRL	2003	2003
		MD MEO	ELECT		
GM	Chevrolet	MD W52 Series	SUSP CNTRL	2003	2003
GM	Chevrolet	Metro	ABS	1998	2000
GM	Chevrolet	Metro	AIRBAG	1998	2000
GM	Chevrolet	Monte Carlo		1996	1999
GM	Chevrolet	Monte Carlo		1995	1995
Civi	Oneviolet	Worte Gario	ABS/TCS/TI	1000	1000
GM	Chevrolet	Monte Carlo	M	2000	2005
			ABS/TCS/TI		
GM	Chevrolet	Monte Carlo	M/VES	2000	2003
			ABS/TCS/V		
GM	Chevrolet	Monte Carlo		2004	2005
GM	Chevrolet	Monte Carlo		2000	2005
GM	Chevrolet	Monte Carlo	AIRBAG	1995	2005
CM	Chevrolet	D20 Camm	ADC (4)((1)	1001	1001
GM	Chevrolet	P30 Comm.	ABS (4WAL)	1991	1991
GM	Chevrolet	P30 Comm.	(RWAL)	1991	1991
GM	Chevrolet	Prizm	ABS	1998	2002
GM	Chevrolet	Prizm	AIRBAG	1998	2002
			ABS		
GM	Chevrolet	R1500,2WD	(RWAL)	1990	1991
			ABS		
GM	Chevrolet	R2500,2WD	(RWAL)	1990	1991
			ABS		
GM	Chevrolet	R3500,2WD	(RWAL)	1990	1991
GM	Chevrolet	S-10 2WD	ABS	2000	2003

GM	Chevrolet	S-10 2WD	ABS (4WAL)	1996	1999
OW	Oneviolet	0-10 ZWD	ABS	1330	1555
GM	Chevrolet	S-10 2WD	(RWAL)	1989	1990
GM	Chevrolet	S-10 2WD	AIRBAG	1996	2003
			TRACTION		
GM	Chevrolet	S-10 2WD	ASSIST	2002	2003
GM	Chevrolet	S-10 4WD	ABS	2000	2003
GM	Chevrolet	S-10 4WD	ABS (4WAL)	1996	1999
			ABS		
GM	Chevrolet	S-10 4WD	(RWAL)	1989	1990
GM	Chevrolet	S-10 4WD	AIRBAG	1996	2003
GM	Chevrolet	S10	ABS	2004	2004
GM	Chevrolet	S10	AIRBAG	2004	2004
			TRACTION		
GM	Chevrolet	S10	ASSIST	2004	2004
		S10			
GM	Chevrolet	Blazer,2WD	ABS (4WAL)	1995	1995
CM	Charmalat	S10	ABS	100E	1005
GM	Chevrolet	Blazer,2WD S10	(RWAL)	1995	1995
GM	Chevrolet	Blazer,2WD	AIRBAG	1995	1995
Civi	Oneviolet	S10	THIRDING	1000	1000
GM	Chevrolet		ABS (4WAL)	1995	1995
		S10	ABS		
GM	Chevrolet	Blazer,4WD	(RWAL)	1995	1995
		S10			
GM	Chevrolet	Blazer,4WD	AIRBAG	1995	1995
GM	Chevrolet	S10,2WD	ABS (4WAL)	1991	1995
GM	Chevrolet	S10,2WD	(RWAL)	1991	1995
	Chevrolet	S10,2WD	,		
GM	Chevrolet	310,200	AIRBAG	1994	1995
GM	Chevrolet	S10,4WD	ABS (4WAL)	1991	1995
	300.00	2.0,.112	ABS		
GM	Chevrolet	S10,4WD	(RWAL)	1991	1995
GM	Chevrolet	S10,4WD	AIRBAG	1994	1995
		Silv O8600			
GM	Chevrolet	GVW	ABS (4WAL)	1999	1999
		Silv O8600			
GM	Chevrolet	GVW	AIRBAG	1999	1999
		Silv U8600			
GM	Chevrolet	GVW	ABS (4WAL)	1999	1999
CM	Charmalat	Silv U8600	AIDDAC	1000	1000
GM	Chevrolet	GVW Silv. 2500	AIRBAG	1999	1999
GM	Chevrolet	HD	ABS	2001	2003
J.VI	Jiloviolet	Silv. 2500	, , , ,	_301	
GM	Chevrolet	HD	AIRBAG	2001	2003
			ELECT		
		Silv. 2500	SUSP		
GM	Chevrolet	HD	CNTRL	2003	2003
CM	Ch a mad t	Silv. 2500	ELECT	2004	2000
GM	Chevrolet	HD	VARI ORFIC	2001	2002

			REAR		
		Silv. 2500	WHEEL		
GM	Chevrolet	HD	STEER	2002	2003
		Silv. 2500			
GM	Chevrolet	HD	RTD / EVO	2001	2002
GM	Chevrolet	Silv. 2500 HD	TRACTION ASSIST	2001	2003
Olvi	Cheviolet	Silv. 2500	700101	2001	2003
GM	Chevrolet	HD	VSES	2002	2003
		Silv. 3500			
GM	Chevrolet	2WD	ABS	2001	2001
		Silv. 3500			
GM	Chevrolet	2WD	AIRBAG	2001	2001
GM	Chevrolet	Silv. 3500 2WD	RTD / EVO	2001	2001
OIVI	Officerolot	Silv. 3500	TRACTION	2001	2001
GM	Chevrolet	2WD	ASSIST	2001	2001
		Silv. 3500			
GM	Chevrolet	4WD	ABS	2001	2001
		Silv. 3500			
GM	Chevrolet	4WD	AIRBAG	2001	2001
		Silv. 3500	ELECT		
GM	Chevrolet	4WD	VARI ORFIC	2001	2001
O.U.	CHOVICION	Silv. 3500	771111 6711 16	2001	2001
GM	Chevrolet	4WD	RTD / EVO	2001	2001
GM	Chevrolet	Silverado	ABS	2002	2005
GM	Chevrolet	Silverado	AIRBAG	2002	2005
			ELECT		
			SUSP		
GM	Chevrolet	Silverado	CNTRL	2003	2005
			ELECT		
GM	Chevrolet	Silverado	VARI ORFIC	2002	2002
			REAR		
			WHEEL		
GM	Chevrolet	Silverado	STEER	2002	2005
GM	Chevrolet	Silverado	RTD / EVO	2002	2002
			TIRE		
GM	Chevrolet	Silverado	PRESSURE MONITOR	2004	2005
OW	Cheviolet	Silverado	TRACTION	2004	2003
GM	Chevrolet	Silverado	ASSIST	2002	2005
GM	Chevrolet	Silverado	VSES	2002	2005
		Silverado			
GM	Chevrolet	2WD	ABS	2000	2001
		Silverado			
GM	Chevrolet	2WD	AIRBAG	2000	2001
GM	Chevrolet	Silverado 2WD	RTD / EVO	2000	2001
Civi	CHEVIOLET	Silverado	TRACTION	2000	2301
GM	Chevrolet	2WD	ASSIST	2000	2001
		Silverado			
GM	Chevrolet	4WD	ABS	2000	2001
		Silverado			
GM	Chevrolet	4WD	AIRBAG	2000	2001

		Silverado	ELECT		
GM	Chevrolet	4WD	<b>VARI ORFIC</b>	2000	2001
		Silverado			
GM	Chevrolet	4WD	RTD / EVO	2000	2001
		Silverado			
GM	Chevrolet	PHT	ABS	2005	2005
		Silverado			
GM	Chevrolet	PHT	AIRBAG	2005	2005
			ELECT		
		Silverado	SUSP		
GM	Chevrolet	PHT	CNTRL	2005	2005
			REAR		
		Silverado	WHEEL		
GM	Chevrolet	PHT	STEER	2005	2005
			TIRE		
		Silverado	PRESSURE		
GM	Chevrolet	PHT	MONITOR	2005	2005
		Silverado	TRACTION		
GM	Chevrolet	PHT	ASSIST	2005	2005
		Silverado			
GM	Chevrolet	PHT	VSES	2005	2005
		Silverado			
GM	Chevrolet	SS	ABS	2003	2005
		Silverado			
GM	Chevrolet	SS	AIRBAG	2003	2005
			ELECT		
014		Silverado	SUSP	0000	2225
GM	Chevrolet	SS	CNTRL	2003	2005
			REAR		
CM	Ch as malat	Silverado	WHEEL	2002	2005
GM	Chevrolet	SS	STEER	2003	2005
		Cibranada	TIRE		
GM	Chauralat	Silverado SS	PRESSURE	2004	2005
GIVI	Chevrolet		MONITOR TRACTION	2004	2005
GM	Chevrolet	Silverado SS	ASSIST	2003	2003
Olvi	Cheviolet	Silverado	A00101	2003	2003
GM	Chevrolet	SS	VSES	2003	2005
GM	Chevrolet		AIRBAG	1990	1992
		Sprint			
GM	Chevrolet	SSR	ABS	2004	2004
GM	Chevrolet	SSR	AIRBAG	2004	2005
014	Ol .	000	TRACTION	0004	0004
GM	Chevrolet	SSR	ASSIST	2004	2004
CM	Ch a seed to	OTI T'' 07 0	ADC (4)4(41)	4004	4004
GM	Chevrolet	STL Tilt 67.2	ABS (4WAL)	1991	1991
CM	Ch a seed to	OTI T'' 07 0	ABS	4004	4004
GM	Chevrolet	STL Tilt 67.2	(RWAL)	1991	1991
CM	Charmalat	CTI T:14 70.0	A D.C. (4)(A)(A)	1001	1001
GM	Chevrolet	31L 11II /6.2	ABS (4WAL)	1991	1991
GM	Chevrolet	STL Tilt 76.2	ABS (RWAL)	1991	1991
			,		
GM	Chevrolet	Suburban	ABS	2004	2005
GM	Chevrolet	Suburban	AIRBAG	2004	2005
			ELECT		
014			SUSP	2004	2005
GM	Chevrolet	Suburban	CNTRL	2004	2005

Chevrolet   Suburban   STEER   2004   2005				DEAD		
Chevrolet				REAR		
GM	014	0, ,			0004	0005
Chevrolet	GM	Chevrolet	Suburban	_	2004	2005
GM         Chevrolet         Suburban         MONITOR         2004         2005           GM         Chevrolet         Suburban         ASSIST         2004         2005           GM         Chevrolet         Suburban         VSES         2004         2005           GM         Chevrolet         Suburban         ABS         2001         2003           GM         Chevrolet         2WD         ABS (4WAL) 1999         1999           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         ARS         2WO3         2003           GM         Chevrolet         2WD         REAR         SUSP         2002         2003           GM         Chevrolet         2WD         RTD / EVO         2001         2002         2003           GM         Chevrolet         2WD         ASSIST         2001         2003         2003           GM         Chevrolet         2WD         VSES         2003         2003         2003           GM         Chevrolet         4WD         ABS (4WA						
GM         Chevrolet         Suburban         TRACTION ASSIST         2004         2005           GM         Chevrolet         Suburban         VSES         2004         2005           GM         Chevrolet         2WD         ABS         2001         2003           GM         Chevrolet         2WD         ABS (4WAL) 1999         1999           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         CNTRL         2003         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         RTD / EVO         2001         2002           GM         Chevrolet         2WD         Naturban         2001         2002           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
GM         Chevrolet         Suburban         ASSIST         2004         2005           GM         Chevrolet         Suburban         VSES         2004         2005           GM         Chevrolet         2WD         ABS         2001         2003           GM         Chevrolet         2WD         ABS (4WAL)         1999         1999           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         CNTRL         2003         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         ASSIST         2001         2002           GM         Chevrolet         2WD         ASSIST         2001         2002           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           G	GM	Chevrolet	Suburban		2004	2005
GM         Chevrolet         Suburban         VSES         2004         2005           GM         Chevrolet         Suburban         ABS         2001         2003           GM         Chevrolet         2WD         ABS (4WAL) 1999         1999           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         CNTRL         2003         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         RTD / EVO         2001         2002           GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS         (4WAL)         1999         1999           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003				TRACTION		
GM         Chevrolet         Suburban 2WD ABS 2001         2003           GM         Chevrolet 2WD ABS (4WAL) 1999         1999           GM         Chevrolet 2WD ABS (4WAL) 1999         1999           GM         Chevrolet 2WD ABS (4WAL) 1999         1999           GM         Chevrolet 2WD Suburban Chevrolet 2WD CNTRL 2003         2003           GM         Chevrolet 2WD Suburban Chevrolet 2WD Suburban Chevrolet 2WD ASSIST 2001         2003           GM         Chevrolet 4WD ABS 2001         2003           GM         Chevrolet 4WD ABS (4WAL) 1999         1999           GM         Chevrolet 4WD AWD ABS (4WAL) 1999         1999           GM	GM	Chevrolet	Suburban	ASSIST	2004	2005
GM         Chevrolet         2WD         ABS         2001         2003           GM         Chevrolet         2WD         ABS (4WAL)         1999         1999           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         CNTRL         2003         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         RTD / EVO         2001         2002           GM         Chevrolet         2WD         ASSIST         2001         2002           GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM <td>GM</td> <td>Chevrolet</td> <td>Suburban</td> <td>VSES</td> <td>2004</td> <td>2005</td>	GM	Chevrolet	Suburban	VSES	2004	2005
GM         Chevrolet         Suburban 2WD         ABS (4WAL) 1999         1999           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         CNTRL         2003         2003           GM         Chevrolet         2WD         REAR WHEEL STEER         2002         2003           GM         Chevrolet         2WD         RTD / EVO 2001         2002           GM         Chevrolet         2WD         RTACTION ASSIST         2001         2003           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS (4WAL) 1999         1999         1999           GM         Chevrolet         4WD         ABS (4WAL) 1999         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         VARIORFIC         2001         2002			Suburban			
GM         Chevrolet         2WD         ABS (4WAL)         1999         1999           GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         2WD         CNTRL         2003         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         ASSIST         2001         2002           GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         ARRAG         1999         2003           GM         Chevrolet         4WD         VRICALED         2001         2002           GM <td>GM</td> <td>Chevrolet</td> <td>2WD</td> <td>ABS</td> <td>2001</td> <td>2003</td>	GM	Chevrolet	2WD	ABS	2001	2003
GM         Chevrolet         Suburban 2WD         AIRBAG         1999         2003           GM         Chevrolet         Suburban 2WD         CNTRL         2003         2003           GM         Chevrolet         2WD         CNTRL         2003         2003           GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         RTD / EVO         2001         2002           GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         ASTEER         2002         2003			Suburban			
GM         Chevrolet         Suburban 2WD         AIRBAG 3USP 3USP 3USP 3USP 3USP 3USP 3USP 3USP	GM	Chevrolet	2WD	ABS (4WAL)	1999	1999
GM         Chevrolet         2WD         AIRBAG         1999         2003           GM         Chevrolet         Suburban 2WD         CNTRL 2003         2003           GM         Chevrolet 2WD         CNTRL 2003         2003           GM         Chevrolet 2WD         STEER 2002         2003           GM         Chevrolet 2WD         RTD / EVO 2001         2002           GM         Chevrolet 2WD         ASSIST 2001         2003           GM         Chevrolet 2WD         ASSIST 2001         2003           GM         Chevrolet 2WD         ASSIST 2001         2003           GM         Chevrolet 2WD         ABS 2001         2003           Suburban 3WD         ABS 2001         2003           GM         Chevrolet 3WD         ABS (4WAL) 1999         1999           GM         Chevrolet 3WD         AIRBAG 1999         2003           GM         Chevrolet 3WD         AIRBAG 1999         2003           GM         Chevrolet 3WD         CNTRL 2003         2003           GM         Chevrolet 3WD         ARAR         WHEEL 2003         2003           GM         Chevrolet 3WD         ARAR         WHEEL 2002         2003           GM			Suburban			
Suburban   Suburban   Suspection   Suspect	GM	Chevrolet		AIRBAG	1999	2003
Suburban   SUSP   CNTRL   2003   2003						
Chevrolet			Suburban	-		
Chevrolet	GM	Chevrolet			2003	2003
Suburban	Olvi	Oneviolet	2110		2000	2000
GM         Chevrolet         2WD         STEER         2002         2003           GM         Chevrolet         2WD         RTD / EVO         2001         2002           GM         Chevrolet         2WD         RTD / EVO         2001         2003           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         STEER         2002         2003           GM         Chevrolet         4WD         RTA         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM			Suburban			
GM         Chevrolet         Suburban 2WD         RTD / EVO         2001         2002           GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC         2001         2002           GM         Chevrolet         4WD         REAR         WHEEL         STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002         2003           GM         Chevrolet         4WD         VSES         2002         2003         3           GM         Chevrolet         O8600	GM	Chavrolat			2002	2003
GM         Chevrolet         2WD         RTD / EVO         2001         2002           GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARIORFIC         2001         2002           GM         Chevrolet         4WD         STEER         2002         2003           GM         Chevrolet         4WD         NTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         08600         AIRBAG         2000         2000           GM </td <td>Olvi</td> <td>Cheviolet</td> <td></td> <td>STEEK</td> <td>2002</td> <td>2003</td>	Olvi	Cheviolet		STEEK	2002	2003
Suburban   TRACTION   ASSIST   2001   2003	CM	Chayralat		DTD / EVO	2001	2002
GM         Chevrolet         2WD         ASSIST         2001         2003           GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARIORFIC         2001         2002           GM         Chevrolet         4WD         REAR         WHEEL         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         08600         ABS         2000         2000	Givi	Crieviolet			2001	2002
GM         Chevrolet         Suburban 2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL) 1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC 2001         2002           REAR Suburban Suburban GM         Suburban Chevrolet         4WD         STEER 2002         2003           GM         Chevrolet         4WD         RTD / EVO 2001         2002           GM         Chevrolet         4WD         VSES 2002         2003           GM         Chevrolet         O8600         ABS 2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC 2000         2000           GM         Chevrolet         O8600         RTD / E	CM	Ch as malat			2004	2002
GM         Chevrolet         2WD         VSES         2003         2003           GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL) 1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC         2001         2002           REAR         Suburban         WHEEL         STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         08600         ABS         2000         2000           GM         Chevrolet         08600         AIRBAG         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000           GM	GIVI	Chevrolet		A55151	2001	2003
GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC         2001         2002           GM         Chevrolet         4WD         STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000 <td< td=""><td>014</td><td>0, ,</td><td></td><td></td><td>0000</td><td>0000</td></td<>	014	0, ,			0000	0000
GM         Chevrolet         4WD         ABS         2001         2003           GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC         2001         2002           REAR         Suburban         WHEEL         STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           <	GM	Chevrolet		VSES	2003	2003
GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARIORFIC         2001         2002           GM         Chevrolet         4WD         STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
GM         Chevrolet         4WD         ABS (4WAL)         1999         1999           GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC         2001         2002           REAR         Suburban         WHEEL         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         08600         ABS         2000         2000           GM         Chevrolet         08600         AIRBAG         2000         2000           GM         Chevrolet         08600         VARI ORFIC         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000           GM	GM	Chevrolet		ABS	2001	2003
GM         Chevrolet         Suburban 4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC VARI ORFI						
GM         Chevrolet         4WD         AIRBAG         1999         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC         2001         2002           REAR         WHEEL         WHEEL         WHEEL         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         08600         ABS         2000         2000           GM         Chevrolet         08600         AIRBAG         2000         2000           GM         Chevrolet         08600         VARI ORFIC         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000	GM	Chevrolet		ABS (4WAL)	1999	1999
GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC         2001         2002           GM         Chevrolet         4WD         VARI ORFIC         2001         2002           REAR WHEEL SUburban GM         Chevrolet         4WD         STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         08600         ABS         2000         2000           GM         Chevrolet         08600         AIRBAG         2000         2000           GM         Chevrolet         08600         VARI ORFIC         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000						
GM         Chevrolet         Suburban 4WD         SUSP CNTRL         2003         2003           GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC 2001         2002           REAR         Suburban         WHEEL         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         08600         ABS         2000         2000           GM         Chevrolet         08600         AIRBAG         2000         2000           GM         Chevrolet         08600         VARI ORFIC         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000	GM	Chevrolet	4WD		1999	2003
GM         Chevrolet         4WD         CNTRL         2003         2003           GM         Chevrolet         4WD         VARI ORFIC 2001         2002           REAR Suburban GM         Chevrolet         4WD         STEER 2002         2003           GM         Chevrolet         4WD         RTD / EVO 2001         2002           GM         Chevrolet         4WD         VSES 2002         2003           GM         Chevrolet         4WD         VSES 2002         2003           GM         Chevrolet         O8600         ABS 2000         2000           GM         Chevrolet         O8600         AIRBAG 2000         2000           GM         Chevrolet         O8600         VARI ORFIC 2000         2000           GM         Chevrolet         O8600         RTD / EVO 2000         2000           GM         Chevrolet         O8600         RTD / EVO 2000         2000				_		
GM         Chevrolet         Suburban 4WD         ELECT VARI ORFIC 2001         2002           REAR Suburban GM         Chevrolet         4WD         STEER 2002         2003           GM         Chevrolet         4WD         RTD / EVO 2001         2002           GM         Chevrolet         4WD         RTD / EVO 2001         2002           GM         Chevrolet         4WD         VSES 2002         2003           GM         Chevrolet         O8600         ABS 2000         2000           GM         Chevrolet         O8600         AIRBAG 2000         2000           GM         Chevrolet         O8600         VARI ORFIC 2000         2000           GM         Chevrolet         O8600         RTD / EVO 2000         2000           GM         Chevrolet         O8600         RTD / EVO 2000         2000						
GM         Chevrolet         4WD         VARI ORFIC 2001         2002           REAR Suburban GM         Chevrolet         4WD         STEER	GM	Chevrolet	4WD	CNTRL	2003	2003
GM         Chevrolet         4WD         VARI ORFIC 2001         2002           REAR Suburban GM         Chevrolet         4WD         STEER						
GM         Chevrolet         4WD         STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000				_		
GM         Chevrolet         Suburban 4WD         WHEEL STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         08600         ABS         2000         2000           GM         Chevrolet         08600         AIRBAG         2000         2000           GM         Chevrolet         08600         VARI ORFIC         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000           GM         Chevrolet         08600         RTD / EVO         2000         2000	GM	Chevrolet	4WD	VARI ORFIC	2001	2002
GM         Chevrolet         4WD         STEER         2002         2003           GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000						
GM         Chevrolet         Suburban 4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000						
GM         Chevrolet         4WD         RTD / EVO         2001         2002           GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000	GM	Chevrolet	4WD	STEER	2002	2003
GM         Chevrolet         4WD         VSES         2002         2003           Suburban         Suburban         2000         2000           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000			Suburban			
GM         Chevrolet         4WD         VSES         2002         2003           GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           Suburban         TRACTION         TRACTION         TRACTION         TRACTION         TRACTION	GM	Chevrolet	4WD	RTD / EVO	2001	2002
GM         Chevrolet         Suburban O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           Suburban         O8600         RTD / EVO         2000         2000			Suburban			
GM         Chevrolet         O8600         ABS         2000         2000           GM         Chevrolet         O8600         AIRBAG         2000         2000           GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           Suburban         TRACTION         TRACTION         TRACTION         TRACTION	GM	Chevrolet	4WD	VSES	2002	2003
GM         Chevrolet         Suburban O8600         AIRBAG         2000         2000           GM         Chevrolet         Suburban O8600         VARI ORFIC 2000         2000           GM         Chevrolet         O8600         RTD / EVO 2000         2000           GM         Chevrolet         O8600         RTD / EVO 2000         2000           Suburban         TRACTION         TRACTION         TRACTION			Suburban			
GM         Chevrolet         O8600         AIRBAG         2000         2000           Suburban         ELECT         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           Suburban         TRACTION         TRACTION         TRACTION         TRACTION	GM	Chevrolet	O8600	ABS	2000	2000
Suburban   ELECT			Suburban			
GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           Suburban         TRACTION         TRACTION         TRACTION         TRACTION	GM	Chevrolet	O8600	AIRBAG	2000	2000
GM         Chevrolet         O8600         VARI ORFIC         2000         2000           GM         Chevrolet         O8600         RTD / EVO         2000         2000           Suburban         TRACTION         TRACTION         TRACTION         TRACTION						
Suburban   O8600   RTD / EVO   2000   2000   Suburban   TRACTION			Suburban	ELECT		
GM         Chevrolet         O8600         RTD / EVO         2000         2000           Suburban         TRACTION	GM	Chevrolet	O8600	VARI ORFIC	2000	2000
Suburban TRACTION			Suburban			
	GM	Chevrolet	O8600	RTD / EVO	2000	2000
GM			Suburban	TRACTION		
	GM	Chevrolet	O8600	ASSIST	2000	2000

		Suburban			
GM	Chevrolet	U8600	ABS	2000	2000
		Suburban			
GM	Chevrolet	U8600	AIRBAG	2000	2000
		Cubumbaa	FLECT		
GM	Chevrolet	Suburban U8600	VARI ORFIC	2000	2000
O.V.	CHOVICION	Suburban	77441014110	2000	2000
GM	Chevrolet	U8600	RTD / EVO	2000	2000
		Suburban	TRACTION		
GM	Chevrolet	U8600	ASSIST	2000	2000
GM	Chevrolet	Suburban,2 WD	(RWAL)	1990	1990
Olvi	Officerolot	Suburban,4	ABS	1000	1330
GM	Chevrolet	WD	(RWAL)	1990	1991
			ABS		
			HYDRAULI		
GM	Chovrolot	T Sorios	C 4WAL 4 SNSR	2002	2002
Givi	Chevrolet	T Series	ABS	2002	2002
			HYDRAULI		
			C 4WAL 4		
GM	Chevrolet	T-Series	SNSR	2000	2005
GM	Chevrolet	T-Series	AIRBAG	2005	2005
GM	Chevrolet	Tahoe	ABS	2004	2005
GM	Chevrolet	Tahoe	AIRBAG	2004	2005
			SUSP		
GM	Chevrolet	Tahoe	CNTRL	2004	2005
			REAR		
			WHEEL		
GM	Chevrolet	Tahoe	STEER	2004	2005
			TIRE PRESSURE		
GM	Chevrolet	Tahoe	MONITOR	2004	2005
			TRACTION		
GM	Chevrolet	Tahoe	ASSIST	2004	2005
GM	Chevrolet	Tahoe	VSES	2004	2005
GM	Chevrolet	Tahoe 2WD	ABS	2000	2003
GM	Chevrolet	Tahoe 2WD	ABS (4WAL)	1999	1999
GM	Chevrolet	Tahoe 2WD	AIRBAG	1999	2003
			ELECT		
			SUSP		
GM	Chevrolet	Tahoe 2WD	CNTRL	2003	2003
			REAR WHEEL		
GM	Chevrolet	Tahoe 2WD	STEER	2002	2003
GM	Chevrolet	Tahoe 2WD	RTD / EVO	2000	2002
			TRACTION		
GM	Chevrolet	Tahoe 2WD	ASSIST	2000	2003
GM	Chevrolet	Tahoe 2WD	VSES	2003	2003
GM	Chevrolet	Tahoe 4WD	ABS	2000	2003
GM	Chourslat	Tabos 4MD	ARC (AMAL)	1000	1000
GM	Chevrolet Chevrolet	Tahoe 4WD Tahoe 4WD	ABS (4WAL)		1999
GM	Cheviolet	Tanoe 4WD	AIRBAG	1999	2003

			ELECT		
			SUSP		
GM	Chevrolet	Tahoe 4WD	CNTRL	2003	2003
			ELECT		
GM	Chevrolet	Tahoe 4WD	VARI ORFIC	2000	2002
			REAR		
CM	Charmalat	Tahoe 4WD	WHEEL	2002	2002
GM GM	Chevrolet		STEER RTD / EVO	2002	2003
GM	Chevrolet Chevrolet	Tahoe 4WD Tahoe 4WD	VSES	2000	
GM	Chevrolet	Tracker	ABS	1998	2003
GM	Chevrolet	Tracker	AIRBAG	1998	2004
GM	Chevrolet	Trailblazer	ABS	2002	2002
GM	Chevrolet	Trailblazer	AIRBAG	2002	2005
GIVI	CHEVIOLE	TTAIIDIAZEI	TRACTION	2002	2003
GM	Chevrolet	Trailblazer	ASSIST	2002	2005
		TrailblazerE			
GM	Chevrolet	XT	ABS	2003	2005
		TrailblazerE			
GM	Chevrolet	XT	AIRBAG	2003	2005
CM	Charmalat	TrailblazerE	TRACTION	2002	2005
GM GM	Chevrolet Chevrolet	XT Uplander	ASSIST ABS	2003	2005
GM	Chevrolet	Uplander	ABS/TCS		2005
Givi	Crieviolet	Opiandei	ABS/TCS/V	2005	2005
GM	Chevrolet	Uplander	SES	2005	2005
GM	Chevrolet	Uplander	AIRBAG	2005	2005
			ABS		
GM	Chevrolet	V1500,4WD	(RWAL)	1990	1991
			ABS		
GM	Chevrolet	V2500,4WD	(RWAL)	1990	1991
CM	Ob as made t	V2500 4MD	ABS	4000	4004
GM	Chevrolet	V3500,4WD	(RWAL) ABS	1990	1991
GM GM	Chevrolet	Venture	ABS/TCS	1999 2000	2005
	Chevrolet	Venture			2005
GM GM	Chevrolet Chevrolet	Venture Venture	TCS	1997 1997	1999
Givi	Cheviolet	venture	ABS	1991	1999
			HYDRAULI		
			C 4WAL 4		
GM	Chevrolet	W22 Series	SNSR	2001	2003
GM	Chevrolet	W4 Series	ABS	2000	2005
			ABS		
			HYDRAULI		
GM	Chevrolet	W4 Series	C 4WAL 4 SNSR	2000	2000
Sivi	Cheviolet	W4 Delles	ABS	2000	2000
			HYDRAULI		
			C 4WAL 4		
GM	Chevrolet	W52 Series	SNSR	2002	2003
GM	Geo	Metro	ABS	1996	1997
GM	Geo	Metro	ABS VI	1995	1995
GM	Geo	Metro	AIRBAG	1990	1996
GM	Geo	Prizm	ABS	1996	1997
GM	Geo	Prizm	ABS VI	1993	1995

GM	Geo	Prizm	AIRBAG	1993	1997
GM	Geo	Tracker	ABS	1991	1997
GM	Geo	Tracker	AIRBAG	1996	1997
	GM of				
GM	Canada	Firefly	ABS	1996	1998
	GM of				
GM	Canada	Firefly	ABS VI	1995	1995
	GM of				
GM	Canada	Firefly	AIRBAG	1990	1998
	GM of				
GM	Canada	Sprint	AIRBAG	1991	1993
CM	GM of	T	ADC VII	4004	4004
GM	Canada	Tempest	ABS VI	1991	1994
GM	GM of	Tompost	AIDDAC	1001	1004
GIVI	Canada	Tempest	AIRBAG ABS	1991	1994
			HYDRAULI		
			C 4WAL 4		
GM	GMC	B7 Chassis	SNSR	2002	2002
J	00	27 01140010	ABS		
			HYDRAULI		
			C 4WAL 4		
GM	GMC	B7-Chassis	SNSR	2000	2005
GM	GMC	B7-Chassis	AIRBAG	2005	2005
GM	GMC	Bus Chassis	ABS (4WAL)	1991	1991
			ABS		
GM	GMC	Bus Chassis	(RWAL)	1991	1991
			ABS		
			HYDRAULI		
			C 4WAL 4		
GM	GMC	C Series	SNSR	2002	2002
			ABS		
			HYDRAULI		
			C 4WAL 4		
GM	GMC	C-Series	SNSR	2000	2005
GM	GMC	C-Series	AIRBAG	2005	2005
014	0140	04500	A D.O. (4) A (A L.)	4000	4000
GM	GMC	C1500	ABS (4WAL)		1999
GM	GMC	C1500	AIRBAG	1999	1999
CM	GMC	C1500 2WD	ABS (4WAL)	1006	1998
GM					
GM	GMC	C1500 2WD	AIRBAG	1996	1998
GM	GMC	C1500,2WD	ABS (4WAL)	1991	1995
Givi	GIVIC	C1300,244D	ABS (4WAL)	1991	1995
GM	GMC	C1500,2WD	(RWAL)	1988	1994
GM	GMC	C1500,2WD	AIRBAG	1994	1995
JIVI	JIVIO	J 1000,200D	טאמאווא	1004	1000
GM	GMC	C2500 2WD	ABS (4WAL)	1996	1997
GM	GMC	C2500 2WD		1996	1997
Jivi	31413	C2500 2VVD	אפאווא	.000	.007
GM	GMC	FUEL	ABS	2000	2000
	J	C2500 ALT			
GM	GMC	FUEL	ABS (4WAL)	1998	1998
		C2500 ALT			
GM	GMC	FUEL	AIRBAG	1998	2000

		00500 ALT			
CM	CNAC	C2500 ALT	DTD / EVO	2000	2000
GM	GMC	FUEL	RTD / EVO	2000	2000
014	0140	C2500 ALT	TRACTION	0000	0000
GM	GMC	FUEL	ASSIST	2000	2000
	0.40	C2500			
GM	GMC	O8600	ABS	2000	2000
014	0140	C2500		4000	4000
GM	GMC	O8600	ABS (4WAL)	1998	1999
	0.40	C2500			
GM	GMC	O8600	AIRBAG	1998	2000
		C2500			
GM	GMC	O8600	RTD / EVO	2000	2000
		C2500	TRACTION		
GM	GMC	O8600	ASSIST	2000	2000
	0.40	C2500			
GM	GMC	U8600	ABS	2000	2000
	0.40	C2500			
GM	GMC	U8600	ABS (4WAL)	1998	1999
	0.40	C2500			
GM	GMC	U8600	AIRBAG	1998	2000
014	0140	C2500	DTD / EV/0	0000	0000
GM	GMC	U8600	RTD / EVO	2000	2000
014	0140	C2500	TRACTION	0000	0000
GM	GMC	U8600	ASSIST	2000	2000
014	0140	00500 014/5	A D.O. (4) (A) (A)	1004	4005
GM	GMC	C2500,2WD	ABS (4WAL)	1991	1995
CM	CMC	C2500 2WD	ABS	1000	1004
GM	GMC	C2500,2WD	,	1988	1994
GM	GMC	C2500,2WD	AIRBAG	1994	1995
GM	GMC	C3500	ABS	2000	2000
014	0140	00500		4000	4000
GM	GMC	C3500	ABS (4WAL)		1999
GM	GMC	C3500	AIRBAG	1999	2000
GM	GMC	C3500	RTD / EVO	2000	2000
			TRACTION		
GM	GMC	C3500	ASSIST	2000	2000
	0.40				
GM	GMC		ABS (4WAL)		1998
GM	GMC	C3500 2WD	AIRBAG	1996	1998
GM	GMC	C3500,2WD	ABS (4WAL)	1991	1995
	0.40		ABS		
GM	GMC	C3500,2WD	(RWAL)	1988	1994
GM	GMC	C3500,2WD	AIRBAG	1994	1995
GM	GMC	Canyon	ABS	2004	2005
GM	GMC	Canyon	ABS/TCS	2004	2004
GM	GMC	Canyon	AIRBAG	2004	2005
		Chassis			
GM	GMC	Only	ABS (4WAL)	1991	1991
GM	GMC	Envoy	ABS	2000	2005
GM	GMC	Envoy	ABS (4WAL)	1999	1999
GM	GMC	Envoy	AIRBAG	1999	2005
			TRACTION		
GM	GMC	Envoy	ASSIST	2002	2005
GM	GMC	Envoy XL	ABS	2003	2005
GM	GMC	Envoy XL	AIRBAG	2003	2005

GM	GMC	Envoy XL	TRACTION ASSIST	2003	2005
GM	GMC	Envoy XUV	ABS	2003	2005
GM	GMC	Envoy XUV	AIRBAG	2004	2005
OIVI	Civio	Envoy XOV	TRACTION	2004	2000
GM	GMC	Envoy XUV	ASSIST	2004	2005
GM	GMC	G10 Van	ABS (4WAL)	1996	1996
GM	GMC	G10 Van	AIRBAG	1996	1996
CM	CMC	C45 Van	A D.C. (4)A(A L.)	4004	4005
GM	GMC	G15 Van	ABS (4WAL)	1991	1995
GM	GMC	G15 Van	(RWAL)	1990	1995
GM	GMC	G15 Van	AIRBAG	1994	1995
O.V.	00	0.0.00	7.1111.2271.0	1001	1000
GM	GMC	G1500 Van	ABS (4WAL)	1997	1998
GM	GMC	G1500 Van	AIRBAG	1997	1998
GM	GMC	G20 Van	ABS (4WAL)		1996
GM	GMC	G20 Van	AIRBAG	1996	1996
CM	CMC	COE Von	A D.C. (4)A(A L.)	1001	1005
GM	GMC	G25 Van	ABS (4WAL)	1991	1995
GM	GMC	G25 Van	(RWAL)	1990	1995
GM	GMC	G25 Van	AIRBAG	1994	1995
GM	GMC	G2500 Van	ABS (4WAL)	1997	1998
GM	GMC	G2500 Van	AIRBAG	1997	1998
GM	GMC	G30 Van	ABS (4WAL)	1996	1996
GM	GMC	G30 Van	AIRBAG	1996	1996
GM	GMC	G35 Van	ABS (4WAL)	1001	1995
OW	OWIO	OSS Vaii	ABS	1551	1555
GM	GMC	G35 Van	(RWAL)	1990	1995
GM	GMC	G35 Van	AIRBAG	1994	1995
GM	GMC	G3500 Van	ABS (4WAL)	1997	1998
GM	GMC	G3500 Van	AIRBAG	1997	1998
GM	GMC	Jimmy	ABS	2004	2005
GM	GMC	Jimmy	AIRBAG	2004	2005
CM	CMC	E	TRACTION	2004	2005
GM	GMC	Jimmy	ASSIST	2004	2005
GM	GMC	Jimmy 2WD	ABS	2001	2003
GM	GMC	Jimmy 2WD	ABS (4WAL)	1999	1999
GM	GMC	Jimmy 2WD	AIRBAG	1999	2002
			TRACTION		
GM	GMC	Jimmy 2WD	ASSIST	2002	2003
GM	GMC	Jimmy 4WD	ABS	2001	2003
GM	GMC		ABS (4WAL)		1999
GM	GMC	Jimmy 4WD	AIRBAG	1999	2002
GM	GMC	Jimmy 4X2	ABS (4WAL)	1996	1998
GM	GMC	Jimmy 4X2	AIRBAG	1996	1998

GM	GMC	Jimmy 4X4	ABS (4WAL)	1996	1998
GM	GMC	Jimmy 4X4	AIRBAG	1996	1998
O.W	Civio	omminy izer	7.111.127.13	1000	1000
GM	GMC	Jimmy,2WD	ABS (4WAL)	1995	1995
			ABS		
GM	GMC	Jimmy,2WD	(RWAL)	1995	1995
GM	GMC	Jimmy,2WD	AIRBAG	1995	1995
GM	GMC	Jimmy,4WD	ABS (4WAL)	1995	1995
			ABS		
GM	GMC	Jimmy,4WD		1995	1995
GM	GMC	Jimmy,4WD		1995	1995
014	0140	K-	ABS	1000	4004
GM	GMC	Blazer,2WD K-	(RWAL)	1990	1991
GM	GMC	Blazer,4WD	(RWAL)	1990	1991
Olvi	GIVIC	Diazei,4VVD	(IXVVAL)	1990	1991
GM	GMC	K1500	ABS (4WAL)	1999	1999
GM	GMC	K1500	AIRBAG	1999	1999
GM	GMC	K1500 4WD	ABS (4WAL)	1996	1998
GM	GMC	K1500 4WD	AIRBAG	1996	1998
GM	GMC	K1500,4WD	ABS (4WAL)	1991	1995
			ABS		
GM	GMC	K1500,4WD	(RWAL)	1988	1994
GM	GMC	K1500,4WD	AIRBAG	1994	1995
CM	CMC	KOEOO AMD	ADC (4)4/41.)	4000	4007
GM	GMC		ABS (4WAL)		1997
GM	GMC	K2500 4WD	AIRBAG	1996	1997
GM	GMC	K2500 O8600	ABS	2000	2000
Civi	OIVIO	K2500	ABO	2000	2000
GM	GMC	O8600	ABS (4WAL)	1998	1999
		K2500			
GM	GMC	O8600	AIRBAG	1998	2000
		K2500	ELECT		
GM	GMC	O8600	VARI ORFIC	2000	2000
014	0140	K2500	DTD / 5\/0	0000	0000
GM	GMC	O8600 K2500	RTD / EVO	2000	2000
GM	GMC	U8600	ABS	2000	2000
Civi	CIVIO	K2500	/ IDO	2000	2000
GM	GMC	U8600	ABS (4WAL)	1998	1999
		K2500			
GM	GMC	U8600	AIRBAG	1998	2000
014	0140	K2500	ELECT	0000	0000
GM	GMC	U8600	VARI ORFIC	2000	2000
GM	GMC	K2500 U8600	RTD / EVO	2000	2000
GIVI	JIVIO	00000	KID/ LVO	2000	2000
GM	GMC	K2500,4WD	ABS (4WAL)	1991	1995
			ABS		
GM	GMC	K2500,4WD	(RWAL)	1988	1994

GM	GMC	K2500,4WD	AIRBAG	1994	1995
GM	GMC	K3500	ABS	2000	2000
GM	GMC	K3500	ABS (4WAL)		1999
GM	GMC	K3500	AIRBAG	1999	2000
			ELECT		
GM	GMC	K3500	VARI ORFIC		2000
GM	GMC	K3500	RTD / EVO	2000	2000
GM	GMC		ABS (4WAL)		1998
GM	GMC	K3500 4WD	AIRBAG	1996	1998
GM	GMC	K3500,4WD	ABS (4WAL)	1991	1995
GM	GMC	K3500,4WD	_	1988	1994
GM GM	GMC	MD B7- Chassis	AIRBAG ABS HYDRAULI C 4WAL 4 SNSR	1994	2004
GM	GMC	MD B7- Chassis	ELECT SUSP CNTRL	2003	2003
GM	GMC	MD C-Series	ABS HYDRAULI C 4WAL 4 SNSR	2004	2004
GM	GMC	MD C-Series	AIRBAG	2004	2004
GM	GMC	MD C-Series	ELECT SUSP CNTRL	2003	2003
GM	GMC	MD T-Series	ABS HYDRAULI C 4WAL 4 SNSR	2004	2004
GM	GMC	MD T-Series	ELECT SUSP	2004	2004
GM	GMC	MD T-Series	ELECT	2003	2003
GM	GMC	MD W22 Series	SUSP	2003	2003
		MD W4			
GM	GMC	Series MD W4	ABS ELECT SUSP	2004	2004
GM	GMC	Series	CNTRL ELECT	2003	2003
GM	GMC	MD W52 Series	SUSP CNTRL	2003	2003
GM	GMC	P35 Comm.	ABS (4WAL)	1991	1991
GM	GMC	P35 Comm.	ABS (RWAL)	1991	1991

			150		
GM	GMC	R1500,2WD	ABS (RWAL)	1990	1991
			ABS		
GM	GMC	R2500,2WD	(RWAL)	1990	1991
			ABS		
GM	GMC	R3500,2WD	(RWAL)	1990	1991
GM	GMC	S15,2WD	ABS (4WAL)	1991	1994
			ABS		
GM	GMC	S15,2WD	(RWAL)	1989	1994
GM	GMC	S15,2WD	AIRBAG	1994	1994
GM	GMC	S15,4WD	ABS (4WAL)	1991	1994
CM	CNAC	CAE AND	ABS	4000	4004
GM	GMC	S15,4WD	(RWAL)	1989	1994
GM	GMC	S15,4WD	AIRBAG	1994	1994
GM	GMC	Safari	ABS	2004	2005
GM	GMC	Safari	AIRBAG	2004	2005
GM	GMC	Safari AWD	ABS	2000	2003
GM	GMC	Safari AWD	ABS (4WAL)	1000	1999
GM	GMC	Safari AWD	AIRBAG		
				1999	2003
GM	GMC	Safari RWD	ABS	2000	2003
GM	GMC	Safari RWD	ABS (4WAL)	1999	1999
GM	GMC	Safari RWD	AIRBAG	1999	2003
Givi	Olvio	Salali KWD	AINDAO	1999	2003
GM	GMC	Safari Van	ABS (4WAL)	1990	1998
			ABS		
GM	GMC	Safari Van	(RWAL)	1989	1994
GM	GMC	Safari Van	AIRBAG	1994	1998
GM	GMC	Savana	ABS	2003	2005
GM	GMC	Savana	ABS (4WAL)	1999	2002
GM	GMC	Savana	AIRBAG	1999	2005
GM	GMC	Savana	VSES	2004	2005
		Savana			
GM	GMC	CNG	ABS	2004	2004
	0110	Savana			
GM	GMC	CNG	AIRBAG	2004	2004
CM	CMC	Savana	VCEC	2004	2004
GM	GMC	CNG	VSES	2004	2004
GM	GMC	Savana Pro	ABS	2004	2005
GM	GMC	Savana Pro	AIRBAG	2004	2005
GM	GMC	Savana Pro	VSES	2004	2005
		Sier.			
GM	GMC		ABS (4WAL)	1999	1999
		333333777	: (		
		Sier.			
GM	GMC	O8600GVW	AIRBAG	1999	1999
		Sier.			
GM	GMC		ABS (4WAL)	1999	1999
014	0110	Sier.	AUDDAG	1000	1000
GM	GMC	U8600GVW		1999	1999
GM	GMC	Sierra	ABS	2002	2005

GM	GMC	Sierra	AIRBAG	2002	2005
			ELECT		
CM	CMC	0:	SUSP	2002	2005
GM	GMC	Sierra	CNTRL	2003	2005
			ELECT		
GM	GMC	Sierra	VARI ORFIC	2002	2002
O.W.	- Civio	Ciona	REAR	2002	2002
			WHEEL		
GM	GMC	Sierra	STEER	2002	2005
GM	GMC	Sierra	RTD / EVO	2002	2002
			TIRE		
			PRESSURE		
GM	GMC	Sierra	MONITOR	2004	2005
			TRACTION		
GM	GMC	Sierra	ASSIST	2002	2005
GM	GMC	Sierra	VSES	2002	2005
CNA	0110	Sierra 2500	ADC	2004	2002
GM	GMC	HD Signer 2500	ABS	2001	2003
GM	GMC	Sierra 2500 HD	AIRBAG	2001	2003
JIVI	GiviC	IID	ELECT	2001	2003
		Sierra 2500	SUSP		
GM	GMC	HD HD	CNTRL	2003	2003
		Sierra 2500	ELECT		
GM	GMC	HD	VARI ORFIC	2001	2002
			REAR		
		Sierra 2500	WHEEL		
GM	GMC	HD	STEER	2002	2003
CM	CMC	Sierra 2500	DTD / EVO	2004	2002
GM	GMC	HD Sierra 2500	TRACTION	2001	2002
GM	GMC	HD	ASSIST	2001	2003
		Sierra 2500			
GM	GMC	HD	VSES	2002	2003
GM	GMC	Sierra 2WD	ABS	2000	2001
GM	GMC	Sierra 2WD	AIRBAG	2000	2001
GM	GMC	Sierra 2WD	RTD / EVO	2000	2001
			TRACTION		
GM	GMC	Sierra 2WD	ASSIST	2000	2001
		Sierra 3500			
GM	GMC	HD	ABS	2001	2003
		Sierra 3500	AUDE : 6		
GM	GMC	HD	AIRBAG	2001	2002
		Siorra 3500	ELECT		
GM	GMC	Sierra 3500 HD	SUSP	2003	2003
JIVI	GiviC	110	REAR	2000	2003
		Sierra 3500	WHEEL		
GM	GMC	HD	STEER	2002	2003
		Sierra 3500			
GM	GMC	HD	RTD / EVO	2001	2002
		Sierra 3500	TRACTION		
GM	GMC	HD	ASSIST	2001	2003
014	01/0	Sierra 3500	V050	0000	0000
GM	GMC	HD	VSES	2003	2003
GM	GMC	Sierra 4WD	ABS	2000	2001

GM	GMC	Sierra 4WD	AIRBAG	2000	2001
			ELECT		
GM	GMC	Sierra 4WD	VARI ORFIC	2000	2001
GM	GMC	Sierra 4WD	RTD / EVO	2000	2001
		Sierra C3			
GM	GMC	AWD	ABS	2001	2001
GM	GMC	Sierra C3 AWD	AIRBAG	2001	2001
Givi	GIVIC	AVVD	AINDAG	2001	2001
		Sierra C3	ELECT		
GM	GMC	AWD	VARI ORFIC	2001	2001
		Sierra C3			
GM	GMC	AWD	RTD / EVO	2001	2001
		Sierra			
GM	GMC	Denali	ABS	2002	2005
CM	CMC	Sierra	AIDDAG	2000	2005
GM	GMC	Denali	AIRBAG ELECT	2002	2005
		Sierra	SUSP		
GM	GMC	Denali	CNTRL	2003	2005
		Sierra	ELECT		
GM	GMC	Denali	VARI ORFIC	2002	2002
			REAR		
014	0110	Sierra	WHEEL	0000	0005
GM	GMC	Denali	STEER	2002	2005
GM	GMC	Sierra Denali	RTD / EVO	2002	2002
Olvi	Olvio	Deriali	TIRE	2002	2002
		Sierra	PRESSURE		
GM	GMC	Denali	MONITOR	2004	2005
		Sierra	TRACTION		
GM	GMC	Denali	ASSIST	2004	2005
	0110	Sierra			
GM	GMC	Denali	VSES	2002	2005
GM	GMC	Sierra PHT	ABS	2005	2005
GM	GMC	Sierra PHT	AIRBAG	2005	2005
			SUSP		
GM	GMC	Sierra PHT	CNTRL	2005	2005
<u> </u>	Civio	Olona i i i i	REAR	2000	2000
			WHEEL		
GM	GMC	Sierra PHT	STEER	2005	2005
			TIRE		
			PRESSURE		
GM	GMC	Sierra PHT	MONITOR	2005	2005
GM	GMC	Sierra PHT	TRACTION	2005	2005
GM	GMC GMC	Sierra PHT	VSES		2005
GM				2005	
GM	GMC	Sonoma	ABS	2004	2005
GM	GMC	Sonoma	TRACTION	2004	2004
GM	GMC	Sonoma	ASSIST	2004	2005
		Sonoma			
GM	GMC	2WD	ABS	2000	2003
CM	CMC	Sonoma	A D C (4) A (A L )	1006	1000
GM	GMC	2WD	ABS (4WAL)	1990	1999

GM	GMC	Sonoma 2WD	AIRBAG	1996	2003
GM	GMC	Sonoma 2WD	TRACTION ASSIST	2002	2003
GM	GMC	Sonoma 4WD	ABS	2000	2003
GM	GMC	Sonoma 4WD	ABS (4WAL)	1996	1999
GM	GMC	Sonoma 4WD	AIRBAG	1996	2003
GM	GMC	Sonoma,2W D	ABS (4WAL)	1995	1995
GM	GMC	Sonoma,2W D	ABS (RWAL)	1995	1995
GM	GMC	Sonoma,2W D	AIRBAG	1995	1995
GM	GMC	Sonoma,4W D	ABS (4WAL)	1995	1995
GM	GMC	Sonoma,4W D Sonoma,4W	ABS (RWAL)	1995	1995
GM	GMC	D D	AIRBAG	1995	1995
GM	GMC	STL Tilt 67.2	ABS (4WAL) ABS	1991	1991
GM	GMC	STL Tilt 67.2	_	1991	1991
GM	GMC	STL Tilt 76.2	ABS (4WAL)	1991	1991
GM	GMC	STL Tilt 76.2 Suburban	_	1991	1991
GM	GMC	2WD Suburban	ABS	2001	2002
GM	GMC	2WD Suburban	ABS (4WAL)	1999	1999
GM	GMC	2WD	AIRBAG REAR	1999	2002
GM	GMC	Suburban 2WD	WHEEL STEER	2002	2002
GM	GMC	Suburban 2WD	RTD / EVO	2001	2002
GM	GMC	Suburban 2WD	TRACTION ASSIST	2001	2002
GM	GMC	Suburban 4WD	ABS	2001	2002
GM	GMC	Suburban 4WD	ABS (4WAL)	1999	1999
GM	GMC	Suburban 4WD	AIRBAG	1999	2002
GM	GMC	Suburban 4WD	ELECT VARI ORFIC	2001	2002
GM	GMC	Suburban 4WD	REAR WHEEL STEER	2002	2002
GM	GMC	Suburban 4WD	RTD / EVO	2001	2002

		Cuburban			
GM	GMC	Suburban 4WD	VSES	2002	2002
		Suburban			
GM	GMC	O8600	ABS	2000	2000
		Suburban			
GM	GMC	O8600	AIRBAG	2000	2000
GM	GMC	Suburban O8600	RTD / EVO	2000	2000
Olvi	OIVIO	Suburban	TRACTION	2000	2000
GM	GMC	O8600	ASSIST	2000	2000
		Suburban			
GM	GMC	U8600	ABS	2000	2000
014	0140	Suburban	410040	0000	2222
GM	GMC	U8600	AIRBAG	2000	2000
		Suburban	ELECT		
GM	GMC	U8600	VARI ORFIC	2000	2000
		Suburban			
GM	GMC	U8600	RTD / EVO	2000	2000
		Suburban	TRACTION		
GM	GMC	U8600	ASSIST	2000	2000
GM	GMC	Suburban,2 WD	(RWAL)	1990	1990
Givi	GIVIC	Suburban,4	ABS	1990	1990
GM	GMC	WD	(RWAL)	1990	1991
GM	GMC	Syclone	ABS (4WAL)	1991	1992
			ABS		
GM	GMC	Syclone	(RWAL)	1991	1992
			ABS		
			HYDRAULI C 4WAL 4		
GM	GMC	T Series	SNSR	2002	2002
			ABS		
			HYDRAULI		
			C 4WAL 4		
GM	GMC	T-Series	SNSR	2000	2005
GM	GMC	T-Series	AIRBAG	2005	2005
GM	GMC	Topkick	ABS (4WAL)	1001	1991
GIVI	OIVIC	ТОРКІСК	ABS (4WAL)	1991	1991
GM	GMC	Topkick	(RWAL)	1991	1991
GM	GMC	Typhoon	ABS (4WAL)	1991	1994
			ABS		
GM	GMC	Typhoon	(RWAL)	1992	1994
GM	GMC	V1500,4WD	ABS (RWAL)	1990	1991
Givi	GIVIC	V 1300,4VVD	ABS	1990	1991
GM	GMC	V2500,4WD	(RWAL)	1990	1991
			ABS		
GM	GMC	V3500,4WD	(RWAL)	1988	1991
			ABS		
			HYDRAULI		
GM	GMC	W22 Series	C 4WAL 4 SNSR	2001	2003
GM	GMC	W4 Series	ABS	2000	2005
OIVI	GIVIC	VV4 Series	אטא	2000	2003

			ABS		
			HYDRAULI		
			C 4WAL 4		
GM	GMC	W4 Series	SNSR	2000	2000
			ABS		
			HYDRAULI		
GM	GMC	W52 Series	C 4WAL 4 SNSR	2002	2003
GM	GMC	Yukon	ABS	2002	2005
GM	GMC	Yukon	AIRBAG ELECT	2004	2005
			SUSP		
GM	GMC	Yukon	CNTRL	2004	2005
0.00	- Cinic	Tattori	REAR	2001	2000
			WHEEL		
GM	GMC	Yukon	STEER	2004	2005
			TIRE		
			PRESSURE		
GM	GMC	Yukon	MONITOR	2004	2005
			TRACTION		
GM	GMC	Yukon	ASSIST	2004	2005
GM	GMC	Yukon	VSES	2004	2005
GM	GMC	Yukon 2WD	ABS	2000	2003
GM	GMC	Yukon 2WD	ABS (4WAL)	1999	1999
GM	GMC	Yukon 2WD	AIRBAG	1999	2003
			ELECT		
			SUSP		
GM	GMC	Yukon 2WD	CNTRL	2003	2003
			REAR		
			WHEEL		
GM	GMC	Yukon 2WD	STEER	2002	2003
GM	GMC	Yukon 2WD	RTD / EVO	2000	2002
			TRACTION		
GM	GMC	Yukon 2WD	ASSIST	2000	2003
GM	GMC	Yukon 2WD	VSES	2003	2003
GM	GMC	Yukon 4WD	ABS	2000	2003
GM	GMC		ABS (4WAL)		1999
GM	GMC	Yukon 4WD	AIRBAG	1999	2003
			ELECT		
GM	GMC	Yukon 4WD	SUSP CNTRL	2003	2003
GM	GIVIC	TUKOH 4VVD	CIVIKL	2003	2003
			ELECT		
GM	GMC	Yukon 4WD	VARI ORFIC	2000	2002
	Jillo	. ditori TVID	REAR	_300	_302
			WHEEL		
GM	GMC	Yukon 4WD	STEER	2002	2003
GM	GMC	Yukon 4WD	RTD / EVO	2000	2002
GM	GMC	Yukon 4WD	VSES	2002	2003
J	J	Yukon	. 0_0		
GM	GMC	Denali	ABS	2000	2005
		Yukon			
GM	GMC	Denali	ABS (4WAL)	1999	1999
		Yukon			
GM	GMC	Denali	AIRBAG	1999	2005

			ELECT		
		Yukon	SUSP		
GM	GMC	Denali	CNTRL	2003	2005
		Yukon	ELECT		
GM	GMC	Denali	<b>VARI ORFIC</b>	2000	2002
			REAR		
		Yukon	WHEEL		
GM	GMC	Denali	STEER	2002	2005
		Yukon			
GM	GMC	Denali	RTD / EVO	2000	2002
			TIRE		
		Yukon	PRESSURE		
GM	GMC	Denali	MONITOR	2004	2005
		Yukon	TRACTION		
GM	GMC	Denali	ASSIST	2002	2005
		Yukon			
GM	GMC	Denali	VSES	2002	2005
GM	GMC	Yukon XL	ABS	2004	2005
GM	GMC	Yukon XL	AIRBAG	2004	2005
			ELECT		
			SUSP		
GM	GMC	Yukon XL	CNTRL	2004	2005
			REAR		
			WHEEL		
GM	GMC	Yukon XL	STEER	2004	2005
			TIRE		
			PRESSURE		
GM	GMC	Yukon XL	MONITOR	2004	2005
			TRACTION		
GM	GMC	Yukon XL	ASSIST	2004	2005
GM	GMC	Yukon XL	VSES	2004	2005
<u> </u>	<u> </u>	Yukon XL			
GM	GMC	2WD	ABS	2000	2003
Olvi	Civio	Yukon XL	/\DC	2000	2000
GM	GMC	2WD	AIRBAG	2000	2003
Givi	GIVIC	2000		2000	2003
		Vulcan VI	ELECT		
CM	CMC	Yukon XL	SUSP	2002	2002
GM	GMC	2WD	CNTRL	2003	2003
			REAR		
014	0140	Yukon XL	WHEEL	0000	0000
GM	GMC	2WD	STEER	2002	2003
014	0110	Yukon XL	DTD / =: : :	2225	2222
GM	GMC	2WD	RTD / EVO	2000	2002
		Yukon XL	TRACTION		
GM	GMC	2WD	ASSIST	2000	2003
		Yukon XL			
GM	GMC	2WD	VSES	2003	2003
		Yukon XL			
GM	GMC	4WD	ABS	2000	2003
		Yukon XL			
GM	GMC	4WD	AIRBAG	2000	2003
			ELECT		
		Yukon XL	SUSP		
GM	GMC	4WD	CNTRL	2003	2003
		Yukon XL	ELECT		
GM	GMC	4WD	VARI ORFIC	2000	2002

			55.5		
		Vulcan VI	REAR WHEEL		
GM	GMC	Yukon XL 4WD	STEER	2002	2003
Olvi	GIVIC	Yukon XL	OTELIX	2002	2003
GM	GMC	4WD	RTD / EVO	2000	2002
		Yukon XL			
GM	GMC	4WD	VSES	2002	2003
		Yukon			
GM	GMC	XLDenali	ABS	2002	2003
		Yukon			
GM	GMC	XLDenali	AIRBAG	2002	2003
		V 1	ELECT		
GM	GMC	Yukon XLDenali	SUSP	2003	2003
Givi	GIVIC	ALDenaii	CIVINL	2003	2003
		Yukon	ELECT		
GM	GMC	XLDenali	VARI ORFIC	2002	2002
			REAR		
		Yukon	WHEEL		
GM	GMC	XLDenali	STEER	2002	2003
CNA	CMC	Yukon	DTD / 5\/0	2002	2002
GM	GMC	XLDenali Yukon	RTD / EVO	2002	2002
GM	GMC	XLDenali	TRACTION	2002	2003
CIVI	CIVIO	Yukon	AGGIGT	2002	2003
GM	GMC	XLDenali	VSES	2002	2003
GM	Hummer	H2	ABS	2004	2005
			AIR		
			SUSPENSI		
GM	Hummer	H2	ON	2004	2005
GM	Hummer	H2	AIRBAG	2004	2005
GM	Oldsmobile	88	ABS #1	1996	1996
GM	Oldsmobile	88	ABS #2	1996	1996
GM	Oldsmobile	88	AIRBAG	1996	1996
GM	Oldsmobile	98	ABS	1991	1993
GM	Oldsmobile	98	ABS #1	1994	1996
GM	Oldsmobile	98	ABS #2	1994	1996
			ABSTEVES		
GM	Oldsmobile	98	II	1989	1990
GM	Oldsmobile	98	AIRBAG	1991	1996
GM	Oldsmobile	Achieva	ABS	1996	1998
GM	Oldsmobile	Achieva	ABS VI	1992	1995
GM	Oldsmobile	Achieva	AIRBAG	1992	1998
GM	Oldsmobile	Alero	ABS	1999	2004
GM	Oldsmobile	Alero	ABS/ETS	2000	2004
			ABS/ETS/TI		
GM	Oldsmobile	Alero	M ADO/ETO/TI	2000	2000
GM	Oldemobile	Alere	ABS/ETS/TI M/VES	2000	2004
GM	Oldsmobile	Alero	ABS/ETS/V	2000	2004
GM	Oldsmobile	Alero	ES	2000	2004
GM	Oldsmobile	Alero	AIRBAG	1999	2004
GM	Oldsmobile	Aurora	ABS	2001	2003
GM	Oldsmobile	Aurora	ABS #1	1995	1999
GM	Oldsmobile	Aurora	ABS #2	1995	1999
GM	Oldsmobile	Aurora	ABS/TCS	2001	2003
Olvi	Jasinobile	, tarora	, 100/100	2001	2000

GM	Oldsmobile	Aurora	ABS/TCS/TI M	2001	2003
			ABS/TCS/TI		
GM	Oldsmobile	Aurora	M/VSES	2001	2003
GM	Oldsmobile	Aurora	ABS/TIM	2001	2003
GM	Oldsmobile	Aurora	AIRBAG	1995	2003
GM	Oldsmobile	Aurora	MAGNASTE ER	2001	2003
GM	Oldsmobile	Bravada	ABS	2000	2004
GM	Oldsmobile	Bravada	ABS (4WAL)	1992	1999
GM	Oldsmobile	Bravada	ABS (RWAL)	1992	1994
GM	Oldsmobile	Bravada	AIRBAG	1994	2004
			TRACTION		
GM	Oldsmobile	Bravada	ASSIST	2002	2004
GM	Oldsmobile	Ciera	ABS	1996	1996
GM	Oldsmobile	Ciera	AIRBAG	1996	1996
		Custom			
GM	Oldsmobile	Cruiser	ABS	1991	1992
		Custom			
GM	Oldsmobile	Cruiser	AIRBAG	1992	1992
GM	Oldsmobile	Cutlass	ABS	1997	1999
GM	Oldsmobile	Cutlass	AIRBAG	1997	1999
		Cutlass			
GM	Oldsmobile	Calais	ABS VI	1991	1991
		Cutlass			
GM	Oldsmobile	Ciera	ABS VI	1991	1995
		Cutlass			
GM	Oldsmobile	Ciera	AIRBAG	1993	1995
		Cutlass			
GM	Oldsmobile	Cruisr	ABS VI	1993	1995
CM	Oldomobilo	Cutlass	AIDDAC	1002	1005
GM	Oldsmobile	Cruisr	AIRBAG	1993	1995
GM	Oldsmobile	Cutlass Supr	ARS	1996	1997
Civi	Oldofflobilo	Outlass Capi	/ LDO	1000	1007
GM	Oldsmobile	Cutlass Supr	ABS III	1989	1992
GM	Oldsmobile	Cutlass Supr	ABS VI	1992	1995
GM	Oldsmobile	Cutlass Supr	AIRBAG	1993	1997
GM	Oldsmobile	Delta 88	ABS	1991	1993
GM	Oldsmobile	Delta 88	ABS #1	1994	1995
GM	Oldsmobile	Delta 88	ABS #2	1994	1995
			ABSTEVES		
GM	Oldsmobile	Delta 88	II	1989	1990
GM	Oldsmobile	Delta 88	AIRBAG	1991	1995
GM	Oldsmobile	Eighty Eight	ABS #1	1997	1999
GM	Oldsmobile	Eighty Eight	ABS #2	1997	1999
GM	Oldsmobile	Eighty Eight	AIRBAG	1997	1999
GM	Oldsmobile	Intrigue	ABS	1998	1998
			ABS		
GM	Oldsmobile	Intrigue	(BOSCH)	1999	1999
			ABS(DELC		
GM	Oldsmobile	Intrigue	O VI)	1999	1999

			1		
GM	Oldsmobile	Intrigue	ABS/TCS/V ES	2000	2002
GM	Oldsmobile	Intrigue	ABS/TCS/V SES	2000	2002
GM	Oldsmobile	Intrigue	ABS/VES	2000	2002
GM	Oldsmobile	Intrigue	AIRBAG	1998	2002
GM	Oldsmobile	LSS	ABS	1997	1997
GM	Oldsmobile	LSS	ABS #1	1996	1999
GM	Oldsmobile	LSS	ABS #2	1996	1999
GM	Oldsmobile	LSS	AIRBAG	1996	1999
GM	Oldsmobile	Regency	ABS #1	1998	1998
GM	Oldsmobile	Regency	ABS #2	1997	1998
GM	Oldsmobile	Regency	AIRBAG	1997	1998
GM	Oldsmobile	Silhouette	ABS	1999	2004
GM	Oldsmobile	Silhouette	ABS/TCS	2000	2004
GM	Oldsmobile	Silhouette	AIRBAG	1999	2004
GM	Oldsmobile	Silhouette	TCS	1999	1999
GM	Oldsmobile	Silhouette APV	ABS	1996	1996
GM	Oldsmobile	Silhouette APV	ABS VI	1992	1995
		Silhouette			
GM	Oldsmobile	APV	AIRBAG	1994	1997
GM	Oldsmobile	Silhouette APV	TCS	1997	1998
GM	Oldsmobile	Toronado	ABS	1991	1992
			ABSTEVES		
GM	Oldsmobile	Toronado	II	1988	1990
GM	Oldsmobile	Toronado	AIRBAG	1990	1992
GM	Pontiac	Aztek	ABS	2001	2005
GM	Pontiac	Aztek	ABS/TCS	2001	2005
GM	Pontiac	Aztek	ABS/TCS/T PM	2001	2005
GM	Pontiac	Aztek	ABS/TPM	2001	2005
GM	Pontiac	Aztek	AIRBAG	2001	2005
GM	Pontiac	Bonneville	ABS	1991	2005
GM	Pontiac	Bonneville	ABS #1	1994	1999
GM	Pontiac	Bonneville	ABS #2	1994	1999
	1 Ontido		ABS TEVES		1000
GM	Pontiac	Bonneville		1989	1990
GM	Pontiac	Bonneville	ABS/TCS	2000	2005
GM	Pontiac	Bonneville	ABS/TCS/TI M	2000	2005
GM	Pontiac	Bonneville	ABS/TCS/TI M/VSES	2000	2005
GM	Pontiac	Bonneville	ABS/TIM	2000	2005
GM	Pontiac	Bonneville	AIRBAG	1992	2005
			MAGNASTE		
GM	Pontiac	Bonneville	ER	2000	2005
GM	Pontiac	Firebird	ABS	1996	2002
GM	Pontiac	Firebird	ABS VI	1993	1994
GM	Pontiac	Firebird	ABS/ETS	2000	2002
GM	Pontiac	Firebird	ABS/TCS	2000	2002
GM	Pontiac	Firebird	AIRBAG	1990	2002

		Firebird/Con			
GM	Pontiac	V	ABS VI	1995	1995
		Firebird/Con			
GM	Pontiac	v	AIRBAG	1992	1995
GM	Pontiac	Firefly	AIRBAG	1990	1992
GM	Pontiac	Formula	ABS VI	1993	1994
GM	Pontiac	Formula	AIRBAG	1993	1994
Civi	1 Office	Formula/Co	Tille	1000	1004
GM	Pontiac	nv	ABS VI	1995	1995
		Formula/Co			
GM	Pontiac	nv	AIRBAG	1995	1995
GM	Pontiac	G6	ABS	2005	2005
GM	Pontiac	G6	AIRBAG	2005	2005
			PWR		
			STEERING		
GM	Pontiac	G6	(GM LAN)	2005	2005
GM	Pontiac	Grand Am	ABS	1996	2005
GM	Pontiac	Grand Am	ABS VI	1991	1995
GM	Pontiac	Grand Am	ABS/ETS	2000	2005
			ABS/ETS/TI		
GM	Pontiac	Grand Am	М	2000	2000
			ABS/ETS/TI		
GM	Pontiac	Grand Am	M/VES	2000	2005
			ABS/ETS/V		
GM	Pontiac	Grand Am	ES	2000	2005
GM	Pontiac	Grand Am	AIRBAG	1992	2005
GM	Pontiac	Grand Prix	ABS	1996	2003
GM	Pontiac	Grand Prix	ABS III	1989	1992
GM	Pontiac	Grand Prix	ABS VI	1992	1995
			ABS/ETS/T		
GM	Pontiac	Grand Prix	PM	2004	2005
			ABS/ETS/T		
GM	Pontiac	Grand Prix	PM/VES	2004	2005
			ABS/TCS/T		
GM	Pontiac	Grand Prix	PM/VES	2004	2005
			ABS/TCS/T		
014	Destina	Over d Detail	PM/VES/VS	0004	0005
GM	Pontiac	Grand Prix	ES	2004	2005
GM	Pontiac	Grand Prix	AIRBAG	1994	2005
GM	Pontiac	GTO	ABS/TCS	2004	2005
GM	Pontiac	GTO	AIRBAG	2004	2005
GM	Pontiac	Montana	ABS	1999	2005
GM	Pontiac	Montana	ABS/TCS	2000	2005
GM	Pontiac	Montana	AIRBAG	1999	2005
GM	Pontiac	Montana	TCS	1999	1999
		Montana			
GM	Pontiac	SV6	ABS	2005	2005
014	D (	Montana	400-00	2225	2225
GM	Pontiac	SV6	ABS/TCS	2005	2005
CM	Dontin	Montana	ABS/TCS/V	2005	2005
GM	Pontiac	SV6	SES	2005	2005
GM	Pontiac	Montana SV6	AIRBAG	2005	2005
GM	Pontiac	Pursuit	ABS	2005	2005
GM	Pontiac	Pursuit	AIRBAG	2005	2005

2005
2005
12005
1994
2005
1995
2005
2005
2002
2002
2002
2002
1996
1995
1997
1998
2004
2004
2005
1997
1997
1999
1999
1999
1999
1999
1999
1999
1999
1999
1999
2002
2003
2003
0000
2003
2003

			DICLIT CD		
			RIGHT SB		
Llondo	A 0.1.10	2 201	PRETENSI	2002	2002
Honda	Acura	3.2CL	ONER	2003	2003
			SEAT WEIGHT		
Hondo	Acuro	2 201		2002	2002
Honda 	Acura	3.2CL	SENSOR	2003	2003
Honda	Acura	3.2TL	ABS	1996	1998
		0.071	ABS	4000	0005
Honda	Acura	3.2TL	(HONDA)	1999	2005
Honda	Acura	3.2TL	AIRBAG	1996	2005
			LEFT SB		
			PRETENSI		
Honda	Acura	3.2TL	ONER	2003	2005
			OCCUPANT		
Heredo	A	0.071	POSITION	4000	0005
Honda	Acura	3.2TL	DETECT	1999	2005
			RIGHT SB		
Honda	Acuro	3.2TL	PRETENSI ONER	2003	2005
попаа	Acura	3.21L		2003	2005
			SEAT WEIGHT		
Hondo	Acura	2 2TI		2003	2005
Honda	Acura	3.2TL	SENSOR	2003	
Honda	Acura	3.5RL	ABS	1996	1999
Llondo	A 0.1.10	2 EDI	ABS	2005	2005
Honda	Acura	3.5RL	(HONDA)	2005	2005
Honda	Acura	3.5RL	ABS/VSA	2001	2004
Honda	Acura	3.5RL	AIRBAG	1996	2005
			LEFT SB		
			PRETENSI		
Honda	Acura	3.5RL	ONER	2003	2005
			OCCUPANT		
Handa	A	0.501	POSITION	4000	0005
Honda	Acura	3.5RL	DETECT	1999	2005
			RIGHT SB		
Llondo	A 0.1.10	2 EDI	PRETENSI ONER	2003	2005
Honda	Acura	3.5RL	SEAT	2003	2005
			WEIGHT		
Honda	Acura	3.5RL	SENSOR	2003	2005
Tiorida	Acuia	J.JIKL	TIRE	2003	2003
			PRESSURE		
Honda	Acura	3.5RL	MONITOR	2005	2005
Honda	Acura	Integra	ABS	1994	1997
Tioriua	Acuia	integra		1994	1991
Honda	Acura	Integra	(HONDA)	1998	2001
Honda	Acura	Integra	AIRBAG OCCUPANT	1996	2001
			POSITION		
Honda	Acura	Integra	DETECT	1999	2001
Tioriua	Acuia	integra	ABS	1333	2001
Honda	Acura	MDX	(BOSCH)	2002	2002
Honda	, toura	MUN	ABS	2002	2002
Honda	Acura	MDX	(HONDA)	2003	2005
Honda	Acura	MDX	AIRBAG	2002	2005
Tionud	Acuia	MDX	LEFT SB	2002	2003
			PRETENSI		
Honda	Acura	MDX	ONER	2003	2005
Horida	, touru	DX	ONLIN	2300	2000

			OCCUPANT		
			POSITION		
Honda	Acura	MDX	DETECT	2002	2005
			RIGHT SB		
			PRETENSI		
Honda	Acura	MDX	ONER	2003	2005
			SEAT		
			WEIGHT		
Honda	Acura	MDX	SENSOR	2003	2005
			TIRE		
			PRESSURE		
Honda	Acura	MDX	MONITOR	2004	2005
Honda	Acura	NSX	ABS	1997	1999
			ABS		
Honda	Acura	NSX	(HONDA)	2000	2005
Honda	Acura	NSX	AIRBAG	1995	2005
			LEFT SB		
			PRETENSI		
Honda	Acura	NSX	ONER	2003	2005
			OCCUPANT		
			POSITION		
Honda	Acura	NSX	DETECT	1999	2005
			RIGHT SB		
			PRETENSI		
Honda	Acura	NSX	ONER	2003	2005
Tiorida	Acuia	NOX	SEAT	2000	2003
			WEIGHT		
Honda	Acura	NSX	SENSOR	2003	2005
Tioriua	Acuia	INOA	ABS	2003	2003
Honda	Acura	RSX	(HONDA)	2002	2005
			,		
Honda	Acura	RSX	AIRBAG	2002	2005
			LEFT SB		
Usada	A	DOV	PRETENSI	0000	0005
Honda	Acura	RSX	ONER	2003	2005
			OCCUPANT		
		201	POSITION		
Honda	Acura	RSX	DETECT	2002	2005
			RIGHT SB		
			PRETENSI		
Honda	Acura	RSX	ONER	2003	2005
			SEAT		
			WEIGHT		
Honda	Acura	RSX	SENSOR	2003	2005
Honda	Acura	SLX	ABS (4WAL)	1996	1999
Honda	Acura	SLX	ABS (RABS)	1996	1996
			ABS		
Honda	Acura	TSX	(HONDA)	2003	2005
Honda	Acura	TSX	AIRBAG	2003	2005
			LEFT SB		
			PRETENSI		
Honda	Acura	TSX	ONER	2003	2005
			OCCUPANT		
			POSITION		
Honda	Acura	TSX	DETECT	2003	2005

			RIGHT SB		
			PRETENSI		
Honda	Acura	TSX	ONER	2003	2005
Tiorida	riodia	TOX	SEAT	2000	2000
			WEIGHT		
Honda	Acura	TSX	SENSOR	2003	2005
Honda	Honda	Accord	ABS	1994	1997
Tiorida	Tionaa	7100014	ABS	1004	1007
Honda	Honda	Accord	(HONDA)	1998	2005
Honda	Honda	Accord	AIRBAG	1994	2005
Tiorida	Tiorida	Accord	LEFT SB	1334	2005
			PRETENSI		
Honda	Honda	Accord	ONER	2003	2005
		7.000.0	OCCUPANT		
			POSITION		
Honda	Honda	Accord	DETECT	1999	2005
			RIGHT SB		
			PRETENSI		
Honda	Honda	Accord	ONER	2003	2005
			SEAT		
			WEIGHT		
Honda	Honda	Accord	SENSOR	2003	2005
		Accord	ABS		
Honda	Honda	Hybrid	(HONDA)	2005	2005
		Accord			
Honda	Honda	Hybrid	AIRBAG	2005	2005
			ELECT		
		Accord	PWR		
Honda	Honda	Hybrid	STEERING	2005	2005
			LEFT SB		
		Accord	PRETENSI		
Honda	Honda	Hybrid	ONER	2005	2005
			OCCUPANT		
		Accord	POSITION	0005	0005
Honda	Honda	Hybrid	DETECT	2005	2005
		A I	RIGHT SB		
Llondo	Honda	Accord	PRETENSI ONER	2005	2005
Honda	попа	Hybrid	SEAT	2005	2005
		Accord	WEIGHT		
Honda	Honda	Hybrid	SENSOR	2005	2005
Honda	Honda	Civic	ABS ABS	1994	1995
Honda	Honda	Civic	(BOSCH)	2001	2005
Tioriua	Tionua	CIVIC	ABS	2001	2000
Honda	Honda	Civic	(HONDA)	1996	2000
Honda	Honda	Civic	AIRBAG	1994	2005
Tioriua	Tionua	CIVIC	ELECT	1334	2000
			PWR		
Honda	Honda	Civic	STEERING	2004	2005
			LEFT SB		_,,,,
			PRETENSI		
Honda	Honda	Civic	ONER	2003	2005
			OCCUPANT		
			POSITION		
Honda	Honda	Civic	DETECT	1999	2005

			RIGHT SB		
Honda	Honda	Civic	PRETENSI ONER	2003	2005
Попиа	Попиа	CIVIC	SEAT	2003	2003
			WEIGHT		
Honda	Honda	Civic	SENSOR	2003	2005
			ABS		
Honda	Honda	Civic Hybrid	(HONDA)	2003	2005
Honda	Honda	Civic Hybrid	AIRBAG	2003	2005
			ELECT		
			PWR		
Honda	Honda	Civic Hybrid	STEERING	2003	2005
			LEFT SB		
Handa	l landa	Ois sing I I to the seight	PRETENSI	2002	2005
Honda	Honda	Civic Hybrid	ONER	2003	2005
			OCCUPANT POSITION		
Honda	Honda	Civic Hybrid	DETECT	2003	2005
1101100	1101100	0.11.0 1.1,2.11.0	RIGHT SB		2000
			PRETENSI		
Honda	Honda	Civic Hybrid	ONER	2003	2005
			SEAT		
			WEIGHT		
Honda	Honda	Civic Hybrid	SENSOR	2003	2005
		05.14	ABS		
Honda	Honda	CR-V	(HONDA)	1997	2005
Honda	Honda	CR-V	AIRBAG	1997	2005
			LEFT SB		
Honda	Honda	CR-V	PRETENSI ONER	2003	2005
Попиа	Попиа	CR-V	OCCUPANT	2003	2005
			POSITION		
Honda	Honda	CR-V	DETECT	1999	2005
			RIGHT SB		
			PRETENSI		
Honda	Honda	CR-V	ONER	2003	2005
			SEAT		
		05.14	WEIGHT		
Honda	Honda	CR-V	SENSOR	2003	2005
Honda	Honda	Del Sol	ABS	1994	1995
Honda	Honda	Del Sol	AIRBAG	1994	1995
Honds	Hondo	Elomont	ABS (HONDA)	2002	200E
Honda	Honda	Element	,	2003	2005
Honda	Honda	Element	AIRBAG LEFT SB	2003	2005
			PRETENSI		
Honda	Honda	Element	ONER	2003	2005
			OCCUPANT		
			POSITION		
Honda	Honda	Element	DETECT	2003	2005
			RIGHT SB		
			PRETENSI		
Honda	Honda	Element	ONER	2003	2005
			SEAT		
Honda	Hondo	Element	WEIGHT	2003	2005
Honda	Honda	Element	SENSOR ABS	2003	2005
Honda	Honda	Insight	(HONDA)	2000	2005
			1.0.10/1)		

Honda	Honda	Insight	AIRBAG	2000	2005
			ELECT		
			PWR		
Honda	Honda	Insight	STEERING	2000	2005
			LEFT SB		
Heads	Handa	La a Sada C	PRETENSI	0000	0005
Honda	Honda	Insight	ONER	2003	2005
			OCCUPANT POSITION		
Honda	Honda	Insight	DETECT	2000	2005
Tiorida	Tiorida	moignt	RIGHT SB	2000	2000
			PRETENSI		
Honda	Honda	Insight	ONER	2003	2005
			SEAT		
			WEIGHT		
Honda	Honda	Insight	SENSOR	2003	2005
			ABS		
Honda	Honda	Odyssey	(HONDA)	1996	2005
Honda	Honda	Odyssey	AIRBAG	1995	2005
			LEFT SB		
			PRETENSI	0000	0005
Honda	Honda	Odyssey	ONER	2003	2005
			OCCUPANT POSITION		
Honda	Honda	Odyssey	DETECT	1999	2005
Tiorida	Tiorida	Ouyssey	RIGHT SB	1000	2000
			PRETENSI		
Honda	Honda	Odyssey	ONER	2003	2005
			SEAT		
			WEIGHT		
Honda	Honda	Odyssey	SENSOR	2003	2005
			TIRE		
			PRESSURE		
Honda	Honda	Odyssey	MONITOR	2005	2005
Honda	Honda	Passport	A D C ( //\//\/ \ )	2001	2002
попаа	попа	Passport	ABS (4WAL)	2001	2002
Honda	Honda	2WD	ABS (4WAL)	1998	2000
	1101100	Passport	7.20 (117.2)		
Honda	Honda	2WD	ABS (RABS)	1996	1997
		Passport			
Honda	Honda	4WD	ABS (4WAL)	1996	2000
			ABS		
Honda	Honda	Pilot	(BOSCH)	2003	2004
		<b></b>	ABS		
Honda	Honda	Pilot	(HONDA)	2005	2005
Honda	Honda	Pilot	AIRBAG	2003	2005
			LEFT SB		
Honda	Honda	Pilot	PRETENSI ONER	2003	2005
Horida	Torida	1 1100	OCCUPANT	2000	2000
			POSITION		
Honda	Honda	Pilot	DETECT	2003	2005
			RIGHT SB		
			PRETENSI		
Honda	Honda	Pilot	ONER	2003	2005

			SEAT		
			WEIGHT		
Honda	Honda	Pilot	SENSOR	2003	2005
			TIRE		
Llanda	Llanda	Dilet	PRESSURE	2005	2005
Honda	Honda	Pilot	MONITOR	2005	2005
Honda	Honda	Prelude	ABS	1994	1995
Honda	Honda	Prelude	ABS (HONDA)	1996	2001
	Honda	Prelude	AIRBAG		
Honda	попаа	Preiude	FOUR	1994	2001
			WHEEL		
Honda	Honda	Prelude	STEERING	1992	1996
Tiorida	Tionaa	1 Tolddo	OCCUPANT	1002	1000
			POSITION		
Honda	Honda	Prelude	DETECT	1999	2001
			ABS		
Honda	Honda	S2000	(HONDA)	2000	2005
Honda	Honda	S2000	AIRBAG	2000	2005
			ELECT		
			PWR		
Honda	Honda	S2000	STEERING	2000	2005
			LEFT SB		
			PRETENSI		
Honda	Honda	S2000	ONER	2003	2005
			OCCUPANT		
			POSITION		
Honda	Honda	S2000	DETECT	2000	2005
			RIGHT SB		
Llanda	Llanda	62000	PRETENSI	2002	2005
Honda	Honda	S2000	ONER	2003	2005
			SEAT WEIGHT		
Honda	Honda	S2000	SENSOR	2003	2005
	1101144	02000	02.100.1	2000	
Isuzu	Isuzu	Amigo	ABS (RABS)	1994	1994
Isuzu	Isuzu	Hombre	ABS	2000	2000
Isuzu	Isuzu	Hombre	ABS (4WAL)	1998	1999
Isuzu	Isuzu	Hombre	AIRBAG	1996	1999
Isuzu	Isuzu	Impulse	ABS	1991	1992
Isuzu	Isuzu	Oasis	ABS	1996	1999
Isuzu	Isuzu	Oasis	AIRBAG	1996	1999
Isuzu	Isuzu	Pickup	ABS	1991	1993
	IOUZU	riologi	50	.001	1000
Isuzu	Isuzu	Pickup 2WD	ABS (RABS)	1994	1995
Isuzu	Isuzu	Pickup 4WD	ABS (RABS)	1994	1995
Isuzu	Isuzu	Rodeo	ABS	1991	1993
Isuzu	Isuzu	Rodeo	ABS (4WAL)	1996	2000
Isuzu	Isuzu	Rodeo	ABS (RABS)	1996	1997
Isuzu	Isuzu	Rodeo 2WD	ABS (RABS)	1994	1995
Isuzu	Isuzu	Rodeo 4WD	ABS (RABS)	1994	1995

Isuzu	Isuzu	Trooper	ABS	1992	1994
Isuzu	Isuzu	Trooper	ABS (4WAL)	1996	2000
Isuzu	Isuzu	Trooper	ABS (RABS)	1994	1996
Isuzu	Isuzu	Trooper	ABS 4WAL	1995	1995
Jeep	Jeep	Cherokee	ABS	1992	2001
Jeep	Jeep	Cherokee	AIRBAG	1999	2001
laaa	laaa	Cherokee	ADC	4005	4000
Jeep	Jeep	(RHD) Grand	ABS	1995	1996
Jeep	Jeep	Cherokee	ABS	1993	2005
СССР	СССР	Grand	7.20		2000
Jeep	Jeep	Cherokee	AIRBAG	1999	2004
·			OCCUPANT		
		Grand	CLASS		
Jeep	Jeep	Cherokee	MODULE	2005	2005
			OCCUPANT		
1		Grand	RESTRAIN	0005	0005
Jeep	Jeep	Cherokee	T CONTRO	2005	2005
		Grand	WIRELESS		
Jeep	Jeep	Cherokee	MODULE	2005	2005
Jeep	Jeep	Liberty	ABS	2003	2003
	Jeep	Liberty	AIRBAG	2002	2004
Jeep			ABS	2002	2005
Jeep	Jeep	Liberty 4x2			
Jeep	Jeep	Liberty 4x4	ABS	2005	2005
Jeep	Jeep	Wrangler	ABS	1993	2005
Jeep	Jeep	Wrangler	AIRBAG	1999	2005
Mazda	Mazda	323	ABS	1995	1995
Mazda	Mazda	626	ABS	1988	2002
Mazda	Mazda	626	AIRBAG	1996	2002
Mazda	Mazda	929	ABS	1995	1995
Mazda	Mazda	B-2300	ABS	1995	2005
Mazda	Mazda	B-2300	(4WABS)	1996	1997
Mazua	IVIazua	D-2300	(400ADS)	1990	1991
Mazda	Mazda	B-2300	ABS (RABS)	1994	2004
Mazda	Mazda	B-2300	AIRBAG	1994	2005
Mazda	Mazda	B-2500	ABS	1998	2001
Mazda	Mazda	B-2500	ABS (RABS)	1998	2001
Mazda	Mazda	B-2500	AIRBAG	1998	2001
Mazda	Mazda	B-3000	ABS	1995	2005
		D 0000	ABS	4000	4007
Mazda	Mazda	B-3000	(4WABS)	1996	1997
Mazda	Mazda	B-3000	ABS (RABS)	1994	2004
Mazda	Mazda	B-3000	AIRBAG	1994	2004
		B-4000	ABS	1994	
Mazda	Mazda	D-4000	ABS	1990	2005
Mazda	Mazda	B-4000	(4WABS)	1996	1997
			(		
Mazda	Mazda	B-4000	ABS (RABS)	1994	2004
Mazda	Mazda	B-4000	AIRBAG	1994	2005
Mazda	Mazda	B2200	ABS	1991	1992

Mazda	Mazda	B2200	ABS (RABS)	1993	1993
Mazda	Mazda	B2600i	ABS	1991	1992
			(5.150)		
Mazda	Mazda	B2600i	ABS (RABS)		1993
Mazda	Mazda	Mazda3	ABS	2004	2005
Mazda	Mazda	Mazda3	AIRBAG	2004	2005
Mazda	Mazda	Mazda3	STEERING	2005	2005
Mazda	Mazda	Mazda3	TIRE PRESSURE	2005	2005
Mazda	Mazda	Mazda6	ABS	2004	2005
Mazda	Mazda	Mazda6	AIRBAG	2003	2005
Mazaa	IVIGEGG	Mazado	TIRE	2000	2000
Mazda	Mazda	Mazda6	PRESSURE	2005	2005
Mazda	Mazda	Miata	ABS	1995	2004
Mazda	Mazda	Miata	AIRBAG	1996	2004
		Miata			
Mazda	Mazda	MazdaSpd	ABS	2005	2005
		Miata	410040	0005	2005
Mazda	Mazda	MazdaSpd	AIRBAG	2005	2005
Mazda	Mazda	Miata MX-5	ABS	2005	2005
Mazda	Mazda	Miata MX-5	AIRBAG	2005	2005
Mazda	Mazda	Millenia	ABS	1995	2002
Mazda	Mazda	Millenia	AIRBAG	1996	2002
Mazda	Mazda	MPV	ABS	1990	2005
Mazda	Mazda	MPV	AIRBAG	1996	2005
Mazda	Mazda	MX-3	ABS	1992	1995
Mazda	Mazda	MX-6	ABS	1988	1997
Mazda	Mazda	MX-6	AIRBAG	1996	1997
Mazda	Mazda	Protege	ABS	1995	2003
Mazda	Mazda	Protege	AIRBAG	1996	2003
Mazda	Mazda	Tribute	ABS	2001	2005
Mazda Mitaubiahi	Mazda	Tribute	AIRBAG	2001	2005
Mitsubishi	Mitsubishi	Diamante	TRACTION	2001	2004
Mitsubishi	Mitsubishi	Diamante	CONTROL	1999	2004
Mitsubishi	Mitsubishi	Eclipse	AIRBAG	2001	2005
			AIRBAG		
			W/O SIDE		
Mitsubishi	Mitsubishi	Eclipse	AIRBAG	2004	2004
		Eclipse			
Mitsubishi	Mitsubishi	Spyder	AIRBAG AIRBAG	2002	2005
		Eclipse	W/O SIDE		
Mitsubishi	Mitsubishi	Spyder	AIRBAG	2004	2004
		Eclipse			
Mitsubishi	Mitsubishi	Sypder	AIRBAG	2001	2001
Mitsubishi	Mitsubishi	Endeavor	AIRBAG	2004	2004
			TIRE		
Mitsubishi	Mitsubishi	Endeavor	PRESSURE	2004	2005
Mitsubishi	Mitsubishi	Galant	ABS	1999	2003
Mitsubishi	Mitsubishi	Galant	AIRBAG	2001	2003
Mitsubishi	Mitsubishi	Galant	TIRE PRESSURE	2004	2004
Mitsubishi	Mitsubishi	Lancer	ABS	2004	2004
เทเเอนมเอเน	Iningnnigili	Lance	IVD9	2002	2003

Mitsubishi         Mitsubishi         Mirage         ABS         1997         2002           Mitsubishi         Mitsubishi         Mirage         AIRBAG         2000         2002           Mitsubishi         Mitsubishi         Montero         ABS         1996         2005           Mitsubishi         Montero         AIRBAG         2000         2005           Mitsubishi         Mitsubishi         Montero         PRESSURE         2004         2005           Mitsubishi         Mitsubishi         Montero         AIRBAG         2000         2004           Mitsubishi         Mitsubishi         Montero         TIRE         Montero         AIRBAG         2000         2004           Mitsubishi         Mitsubishi         Outlander         AIRBAG         2000         2004           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         AIRBAG         2004         2004           Missan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan	Mitsubishi	Mitsubishi	Lancer	AIRBAG	2002	2005
Mitsubishi         Mitsubishi         Montero         ABS         1996         2005           Mitsubishi         Mitsubishi         Montero         AIRBAG         2000         2005           Mitsubishi         Mitsubishi         Montero         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero         AIRBAG         2000         2004           Mitsubishi         Mitsubishi         Montero         ABS         2003         2005           Mitsubishi         Mitsubishi         Montero         ABS         2004         2004           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20	Mitsubishi	Mitsubishi	Mirage	ABS	1997	2002
Mitsubishi         Mitsubishi         Montero         ABS         1996         2005           Mitsubishi         Mitsubishi         Montero         AIRBAG         2000         2005           Mitsubishi         Mitsubishi         Montero         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero         PRESSURE         2000         2004           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         ABS         2004         2004           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         GX20         ABS         1991         2002           Nissan         Infiniti         GZ0         ABS         1991         2002           Nissan         Infiniti         GZ0         <	Mitsubishi	Mitsubishi	Mirage	AIRBAG	2000	2002
Mitsubishi         Mitsubishi         Montero         AIRBAG         2000         2005           Mitsubishi         Mitsubishi         Montero         TIRE         PRESSURE         2004         2005           Mitsubishi         Mitsubishi         Montero         Sport         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero         TIRE         2000         2004           Mitsubishi         Mitsubishi         Montero         TIRE         2004         2004           Mitsubishi         Mitsubishi         Multsubishi         Outlander         ABS         2003         2005           Missan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20t         ABS         2001         2001           Nissan	Mitsubishi	Mitsubishi	Montero	ABS	1996	2005
Mitsubishi         Mitsubishi         Montero Montero Montero Montero         TIRE PRESSURE         2004         2005           Mitsubishi         Mitsubishi         Sport         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero Montero         TIRE         Montero         Montero         Mitsubishi         Montero         TIRE         Montero         Montero         Mitsubishi         Montero         PRESSURE         2004         2004         2004         Montero         Mitsubishi         Montero         PRESSURE         2004         2004         2004         Montero         Mitsubishi         Mitsubishi         Mutsubishi         Outlander         ABS         2003         2005         ABS         2003         2005         ABS         2003         2005         ABS         2003         2005         ABS         ABS         1991         2002         ABS         1991         2002         ABS         1991         2002         ABS         <						
Mitsubishi         Mitsubishi         Montero Montero Montero         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero Montero         TIRE         2004         2004         2004           Mitsubishi         Mitsubishi         Montero Sport         PRESSURE         2004         2004         2004           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005         2005           Missan         Infiniti         FX35         ABS         2003         2005         2005           Nissan         Infiniti         FX35         AIRBAG         2003         2005         2005           Nissan         Infiniti         FX45         ABS         2003         2005         2005           Nissan         Infiniti         G20         ABS         1991         2002         2005           Nissan         Infiniti         G20         ABS         1991         2002         2005           Nissan         Infiniti         G20         ABS         2001         2001         2001           Nissan         Infiniti         G20t         AIRBAG         2001         2001         2001           Nissan <td></td> <td></td> <td></td> <td>TIRE</td> <td></td> <td></td>				TIRE		
Mitsubishi         Mitsubishi         Sport         ABS         1997         2004           Mitsubishi         Mitsubishi         Montero         AIRBAG         2000         2004           Mitsubishi         Mitsubishi         Montero         TIRE         PRESSURE         2004         2004           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         AIRBAG         2004         2004           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         2001         2001           Nissan         Infiniti         G20t         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2001         2001           Nissan         Infiniti         I30         <	Mitsubishi	Mitsubishi	Montero	PRESSURE	2004	2005
Mitsubishi         Mitsubishi         Montero Sport         AIRBAG         2000         2004           Mitsubishi         Mitsubishi         Montero         TIRE           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         AIRBAG         2004         2004           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         FX45         AIRBAG         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         ABS         2001         2001           Nissan         Infiniti         G20t         ABS         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Mitsubishi         Mitsubishi         Sport         AIRBAG         2000         2004           Mitsubishi         Mitsubishi         Montero         TIRE         2004         2004           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         AIRBAG         2004         2004           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX35         AIRBAG         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G201         ABS         2001         2001           Nissan         Infiniti         G201         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABRAG         1996 </td <td>Mitsubishi</td> <td>Mitsubishi</td> <td>· ·</td> <td>ABS</td> <td>1997</td> <td>2004</td>	Mitsubishi	Mitsubishi	· ·	ABS	1997	2004
Mitsubishi         Mitsubishi         Montero Sport         TIRE PRESSURE         2004         2004           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         AIRBAG         2004         2004           Nissan         Infiniti         FX35         AIRBAG         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         FX45         AIRBAG         2003         2005           Nissan         Infiniti         FX45         AIRBAG         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2001         2001           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG	NA:tarabiahi	N Aitala i a la i		AIDDAG	2000	2004
Mitsubishi         Mitsubishi         Sport         PRESSURE         2004         2004           Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         AIRBAG         2004         2004           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20t         AIRBAG         1991         2002           Nissan         Infiniti         G20t         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996	MITSUDISNI	IVIITSUDISIII	_		2000	2004
Mitsubishi         Mitsubishi         Outlander         ABS         2003         2005           Mitsubishi         Mitsubishi         Outlander         AIRBAG         2004         2004           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20t         ABS         2001         2001           Nissan         Infiniti         G35         ABS         2001         2001           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         ABS         1998         2001     <	Mitsubishi	Mitsubishi			2004	2004
Mitsubishi         Mitsubishi         Outlander         AIRBAG         2004         2004           Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX35         AIRBAG         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20t         ABS         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         ABS         1998         2001						
Nissan         Infiniti         FX35         ABS         2003         2005           Nissan         Infiniti         FX35         AIRBAG         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30         AIRBAG         1998         2001						
Nissan         Infiniti         FX35         AIRBAG         2003         2005           Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         FX45         AIRBAG         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30         AIRBAG         1998         2001           Nissan         Infiniti         I30         AIRBAG         1998         2001						
Nissan         Infiniti         FX45         ABS         2003         2005           Nissan         Infiniti         FX45         AIRBAG         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20t         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         G35         AIRBAG         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I35         ABS         1998         2001           Nissan         Infiniti         I35         AIRBAG         1998         2001						
Nissan         Infiniti         FX45         AIRBAG         2003         2005           Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20t         ABS         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         G35         AIRBAG         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30t         AIRBAG         1996         2001           Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I35         AIRBAG         2003         2004 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Nissan         Infiniti         G20         ABS         1991         2002           Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20t         ABS         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABS         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         ABS         1998         2001           Nissan         Infiniti         I30         ABS         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         I35         AIRBAG         1998         2001           Nissan         Infiniti         J30         ABS         1993         1997           N						
Nissan         Infiniti         G20         AIRBAG         1991         2002           Nissan         Infiniti         G20t         ABS         2001         2001           Nissan         Infiniti         G20t         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1998         2001           Nissan         Infiniti         I30         AIRBAG         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997						
Nissan         Infiniti         G20t         ABS         2001         2001           Nissan         Infiniti         G20t         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I35         AIRBAG         1998         2001           Nissan         Infiniti         I35         AIRBAG         1998         2001           Nissan         Infiniti         J30         ABS         1998         2001           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         ABS         1990         1992						
Nissan         Infiniti         G20t         AIRBAG         2001         2001           Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         G35         AIRBAG         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1998         2001           Nissan         Infiniti         I30t         ABS         1998         2001           Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         I35         AIRBAG         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         ABS         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005						
Nissan         Infiniti         G35         ABS         2003         2005           Nissan         Infiniti         G35         AIRBAG         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30t         ABS         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         I35         AIRBAG         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         AIRBAG         1993         1997           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005						
Nissan         Infiniti         G35         AIRBAG         2003         2005           Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30t         ABS         1998         2001           Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         ABS         1990         1992           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005						
Nissan         Infiniti         I30         ABS         1996         2001           Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30t         ABS         1998         2001           Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         ABS         1990         1992           Nissan         Infiniti         M40         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         AIRBAG         1990         2005						
Nissan         Infiniti         I30         AIRBAG         1996         2001           Nissan         Infiniti         I30t         ABS         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         I35         AIRBAG         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         AIRBAG         1993         1997           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         ABS         1990         2005 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Nissan         Infiniti         I30t         ABS         1998         2001           Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         I35         AIRBAG         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         ABS         1990         1992           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001						
Nissan         Infiniti         I30t         AIRBAG         1998         2001           Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         I35         AIRBAG         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         1990         1992           Nissan         Infiniti         M45         AIRBAG         1990         1992           Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001      <						
Nissan         Infiniti         I35         ABS         2003         2004           Nissan         Infiniti         I35         AIRBAG         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003						
Nissan         Infiniti         I35         AIRBAG         2003         2004           Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         ABS         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003						
Nissan         Infiniti         J30         ABS         1993         1997           Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         ABS         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         AIRBAG         1990         2005           Nissan         Infiniti         Q45t         ABS         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003						
Nissan         Infiniti         J30         AIRBAG         1993         1997           Nissan         Infiniti         M30         ABS         1990         1992           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         AIRBAG         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003						
Nissan         Infiniti         M30         ABS         1990         1992           Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         AIRBAG         1990         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005						
Nissan         Infiniti         M30         AIRBAG         1990         1992           Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         AIRBAG         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Infiniti         M45         ABS         2003         2005           Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         AIRBAG         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Infiniti         M45         AIRBAG         2003         2005           Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         AIRBAG         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         QX4         AIRBAG         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200X         ABS         1995         1998		Infiniti				
Nissan         Infiniti         Q45         ABS         1990         2005           Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         AIRBAG         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         QX4         AIRBAG         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Infiniti         Q45         ABS/TCS         1991         1991           Nissan         Infiniti         Q45         AIRBAG         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         Q45t         AIRBAG         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Nissan         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998		Infiniti				
Nissan         Infiniti         Q45         AIRBAG         1990         2005           Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         Q45t         AIRBAG         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Nissan         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998					1991	1991
Nissan         Infiniti         Q45t         ABS         1998         2001           Nissan         Infiniti         Q45t         AIRBAG         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Infiniti         Q45t         AIRBAG         1998         2001           Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Infiniti         QX4         ABS         1997         2003           Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Infiniti         QX4         AIRBAG         1997         2003           Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Infiniti         QX56         ABS         2004         2005           Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Infiniti         QX56         AIRBAG         2004         2005           Nissan         Nissan         200SX         ABS         1995         1998						
Nissan         Nissan         200SX         ABS         1995         1998		Infiniti				
			200SX	ABS		
Nissan Nissan 200SX AIRBAG 1995 1998						
Nissan Nissan 240SX ABS 1990 1998						
Nissan Nissan 240SX AIRBAG 1990 1998						
Nissan Nissan 300ZX ABS 1990 1996						
Nissan Nissan 300ZX AIRBAG 1990 1996						
Nissan Nissan 350Z ABS 2003 2005						

Nissan	Nissan	350Z	AIRBAG	2003	2005
Nissan	Nissan	Altima	ABS	1993	2005
Nissan	Nissan	Altima	AIRBAG	1993	2005
Nissan	Nissan	Frontier	ABS	1998	2005
Nissan	Nissan	Frontier	AIRBAG	1998	2005
Nissan	Nissan	Maxima	ABS	1989	2005
Nissan	Nissan	Maxima	AIRBAG	1990	2005
Nissan	Nissan	Murano	ABS	2003	2005
Nissan	Nissan	Murano	AIRBAG	2003	2005
	Nissan	NX	ABS		
Nissan				1991	1993 1993
Nissan	Nissan	NX PathfindArm	AIRBAG	1991	1993
Nissan	Nissan	ada	ABS	2004	2005
NULL	NPassa	PathfindArm	AIDDAG	0004	0005
Nissan	Nissan	ada	AIRBAG	2004	2005
Nissan	Nissan	Pathfinder	ABS	1991	2005
Nissan	Nissan	Pathfinder	AIRBAG	1991	2005
Nissan	Ninna	Pathfinder	A D C	4000	4000
Nissan	Nissan	2WD Dethfinder	ABS	1996	1996
Nissan	Nissan	Pathfinder 2WD	AIRBAG	1996	1996
rtiocari	THOOGIT	Pathfinder	, un to	1000	1000
Nissan	Nissan	4WD	ABS	1996	1996
		Pathfinder			
Nissan	Nissan	4WD	AIRBAG	1996	1996
Nissan	Nissan	Pickup	ABS	1991	1993
Nissan	Nissan	Pickup	AIRBAG	1991	1993
Nissan	Nissan	Quest	ABS	1993	2005
Nissan	Nissan	Quest	AIRBAG	1993	2005
Nissan	Nissan	Sentra	ABS	1991	2005
Nissan	Nissan	Sentra	AIRBAG	1991	2005
Nissan	Nissan	Stanza	ABS	1990	1992
Nissan	Nissan	Stanza	AIRBAG	1990	1992
Nissan	Nissan	Titan	ABS	2004	2005
Nissan	Nissan	Titan	AIRBAG	2004	2005
Nissan	Nissan	Truck	ABS	1996	1997
Nissan	Nissan	Truck	AIRBAG	1996	1997
Nissan	Nissan	Truck 2WD	ABS	1994	1995
Nissan	Nissan	Truck 2WD	AIRBAG	1994	1995
Nissan	Nissan	Truck 4WD	ABS	1994	1995
Nissan	Nissan	Truck 4WD	AIRBAG	1994	1995
Nissan	Nissan	Xterra	ABS	2000	2005
Nissan	Nissan	Xterra	AIRBAG	2000	2005
Saturn	Saturn	Ion	ABS	2003	2004
Saturn	Saturn	Ion	AIRBAG	2003	2004
Saturn	Saturn	Ion	EPS	2004	2004
Saturn	Saturn	Ion 2.0L	ABS	2005	2005
Saturn	Saturn	Ion 2.0L	AIRBAG	2005	2005
Saturn	Saturn	lon 2.2L	ABS	2005	2005
Saturn	Saturn	lon 2.2L	AIRBAG	2005	2005
Saturn	Saturn	LS, LW	ABS	2000	2005
Saturn	Saturn	LS, LW	AIRBAG	2000	2005
Saturn	Saturn	Relay	ABS	2005	2005
JaiuIII	Saturn	Inelay	MDO	2005	2005

Saturn	Saturn	Relay	ABS/TCS	2005	2005
Saturn	Saturri	Neiay	ABS/TCS/V	2003	2003
Saturn	Saturn	Relay	SES	2005	2005
Saturn	Saturn	Relay	AIRBAG	2005	2005
Saturn	Saturn	SC	ABS	1992	1992
Saturn	Saturn	SC1	ABS	1996	1999
Saturn	Saturn	SC1	AIRBAG	1996	1999
Saturn	Saturn	SC2	ABS	1996	1999
Saturn	Saturn	SC2	AIRBAG	1996	1999
_	_	SL	ABS		
Saturn	Saturn			1996	1999
Saturn	Saturn	SL SC SW	AIRBAG	1996	
Saturn	Saturn	SL, SC, SW	ABS	1993	2002
Saturn	Saturn	SL, SC, SW	ABS VI	1994	1994
Saturn	Saturn	SL, SC, SW	AIRBAG	1993	2002
Saturn	Saturn	SL,SC	ABS	1991	1992
Saturn	Saturn	SL,SC	AIRBAG	1992	1992
Saturn	Saturn	SL1	ABS	1992	1999
Saturn	Saturn	SL1	AIRBAG	1992	1999
Saturn	Saturn	SL1,SC	ABS	1992	1992
Saturn	Saturn	SL1,SC	AIRBAG	1992	1992
Saturn	Saturn	SL2	ABS	1992	1999
Saturn	Saturn	SL2	AIRBAG	1992	1999
Saturn	Saturn	SW1	ABS	1996	1999
Saturn	Saturn	SW1	AIRBAG	1996	1999
Saturn	Saturn	SW2	ABS	1996	1999
Saturn	Saturn	SW2	AIRBAG	1996	1999
Saturn	Saturn	VUE	ABS	2002	2005
Saturn	Saturn	VUE	AIRBAG	2002	2005
Saturn	Saturn	VUE	EPS	2004	2004
Subaru	Subaru	Impreza	ABS	1993	1996
Subaru	Subaru	Legacy	ABS	1990	1996
Subaru	Subaru	SVX	ABS	1992	1995
Suzuki	Suzuki	Esteem	ABS	1995	1996
Suzuki	Suzuki	Sidekick	ABS	1991	1994
		Sidekick			
Suzuki	Suzuki	2WD	ABS	1995	1995
		Sidekick			
Suzuki	Suzuki	4WD	ABS	1995	1995
Toyota	Lexus	ES 300	ABS	2001	2003
Toyota	Lexus	ES 300	AIRBAG	2001	2003
Toyota	Lexus	ES 330	ABS	2004	2005
Toyota	Lexus	ES 330	AIRBAG	2004	2005
T		F0.000	OCCUPANT	0004	0005
Toyota	Lexus	ES 330	CLASS	2004	2005
Toyota	Lexus	ES300	ABS	1994	2000
Toyota	Lexus	ES300	AIRBAG	1994	2000
			MODULATE		
			D		
			SUSPENSI		
Toyota	Lexus	ES300	ON	1997	1999
_			TRACTION		
Toyota	Lexus	ES300	CONTROL	1997	1999

Toyota	Lexus	GS 300	ABS	2001	2005
Toyota	Lexus	GS 300	AIRBAG	2001	2005
Toyota	Lexus	GS 430	ABS	2001	2005
Toyota	Lexus	GS 430	AIRBAG	2001	2005
Toyota	Lexus	GS300	ABS	1996	2000
Toyota	Lexus	GS300	AIRBAG	1996	2000
			TRACTION		
Toyota	Lexus	GS300	CONTROL	1993	1997
Toyota	Lexus	GS400	ABS	1998	2000
Toyota	Lexus	GS400	AIRBAG	1998	2000
Toyota	Lexus	GX 470	ABS	2003	2005
			AIR		
Toyota	Lexus	GX 470	SUSPENSI	2003	2004
Toyota Toyota		GX 470	AIRBAG	2003	2004
Toyota	Lexus	GX 470	OCCUPANT	2003	2003
Toyota	Lexus	GX 470	CLASS	2005	2005
,			TIRE		
			PRESSURE		
Toyota	Lexus	GX 470	MONITOR	2004	2005
Toyota	Lexus	IS 300	ABS	2001	2005
Toyota	Lexus	IS 300	AIRBAG	2001	2005
Toyota	Lexus	LS 430	ABS	2001	2005
			AIR		
			SUSPENSI		
Toyota	Lexus	LS 430	ON	2001	2005
Toyota	Lexus	LS 430	AIRBAG	2001	2005
Toyota	Lexus	LS400	ABS	1995	2000
			AIR SUSPENSI		
Toyota	Lexus	LS400	ON	1992	2000
Toyota	Lexus	LS400	AIRBAG	1995	2000
. 5) 514	20/100	20100	TRACTION		2000
Toyota	Lexus	LS400	CONTROL	1992	1997
Toyota	Lexus	LX 470	ABS	2001	2005
Toyota	Lexus	LX 470	AIRBAG	2001	2005
			AUTOMATI		
			C HEIGHT		
Toyota	Lexus	LX 470	CONTROL	2001	2005
			ELECT		
			MOTOR POWER		
Toyota	Lexus	LX 470	STEER	2004	2005
Toyota	Lexus	LX450	ABS	1996	1997
Toyota	Lexus	LX450	AIRBAG	1996	1997
Toyota	Lexus	LX470	ABS	1998	2000
Toyota	Lexus	LX470	AIRBAG	1998	2000
.,,			AUTOMATI		
			C HEIGHT		
Toyota	Lexus	LX470	CONTROL	1998	2000
Toyota	Lexus	RX 300	ABS	2001	2003
Toyota	Lexus	RX 300	AIRBAG	2001	2003
			TRACTION		
Toyota	Lexus	RX 300	CONTROL	2001	2001
Toyota	Lexus	RX300	ABS	1999	2000

Toyota	Lexus	RX300	AIRBAG	1999	2000
Toyota	LCXUS	117.500	TRACTION	1000	2000
Toyota	Lexus	RX300	CONTROL	1999	2000
Toyota	Lexus	RX330	ABS	2004	2005
			AIR		
		D./222	SUSPENSI		
Toyota	Lexus	RX330	ON	2004	2005
Toyota	Lexus	RX330	AIRBAG OCCUPANT	2004	2005
Toyota	Lexus	RX330	CLASS	2004	2005
Toyota	Lexus	SC 430	ABS	2002	2005
Toyota	Lexus	SC 430	AIRBAG	2002	2005
,			TIRE		
			PRESSURE		
Toyota	Lexus	SC 430	MONITOR	2002	2005
Toyota	Lexus	SC300	ABS	1996	2000
Toyota	Lexus	SC300	AIRBAG	1996	2000
			TRACTION		
Toyota	Lexus	SC300	CONTROL	1992	2000
Toyota	Lexus	SC400	ABS	1996	2000
Toyota	Lexus	SC400	AIRBAG	1996	2000
_			TRACTION		
Toyota	Lexus	SC400	CONTROL	1992	2000
Toyota	Scion	TC	ABS	2005	2005
Toyota	Scion	TC	AIRBAG	2005	2005
Toyota	Scion	xA	ABS	2004	2005
Toyota	Scion	xA	AIRBAG	2004	2005
Toyota	Scion	xB	ABS	2004	2005
Toyota	Scion	xB	AIRBAG	2004	2005
Toyota	Toyota	4-Runner	ABS	1992	2005
Toyota	Toyota	4-Runner	ABS (RABS)	100/	1995
Toyota	Toyota	+ IXamilion	AIR	1004	1000
			SUSPENSI		
Toyota	Toyota	4-Runner	ON	2003	2005
Toyota	Toyota	4-Runner	AIRBAG	1996	2005
			OCCUPANT		
Toyota	Toyota	4-Runner	CLASS	2005	2005
			TIRE		
Tarrata	Taurata	4 D	PRESSURE	2004	2005
Toyota	Toyota	4-Runner	MONITOR	2004	2005
Toyota	Toyota	Avalon	ABS	1995	2005
Toyota	Toyota	Avalon	ABS/TRAC/	1997	1999
Toyota	Toyota	Avalon	VSC	2000	2001
Toyota	Toyota	Avalon	AIRBAG	1995	2005
· JJoila	. Oyota		OCCUPANT	. 300	_300
Toyota	Toyota	Avalon	CLASS	2005	2005
			TRACTION		
Toyota	Toyota	Avalon	CONTROL	1995	1999
Toyota	Toyota	Camry	ABS	1988	2005
			ABS		
Toyota	Toyota	Camry	(BOSCH)	1994	2001
Toyota	Toyota	Camry	ABS (ND)	1994	2001
Toyota	Toyota	Camry	ABS/TRAC	1997	2001

Toyoto	Toyota	Commi	AIDDAC	1002	2005
Toyota	Toyota	Camry	AIRBAG OCCUPANT	1993	2005
Toyota	Toyota	Camry	CLASS	2004	2005
Toyota	Toyota	Carriy	TRACTION	2004	2000
Toyota	Toyota	Camry	CONTROL	1997	2001
,	Í	Camry			
Toyota	Toyota	Solara	ABS	2002	2005
		Camry	ABS		
Toyota	Toyota	Solara	(BOSCH)	1999	2001
		Camry			
Toyota	Toyota	Solara	ABS (ND)	2001	2001
Tarreta	Tarrata	Camry	ADC/TDAC	4000	0004
Toyota	Toyota	Solara	ABS/TRAC	1999	2001
Toyota	Toyota	Camry Solara	AIRBAG	1999	2005
Toyota	Toyota	Camry	OCCUPANT	1999	2003
Toyota	Toyota	Solara	CLASS	2004	2005
	.,	Camry	TRACTION		
Toyota	Toyota	Solara	CONTROL	1999	2001
Toyota	Toyota	Celica	ABS	1988	2005
Toyota	Toyota	Celica	AIRBAG	1996	2005
Toyota	Toyota	Corolla	ABS	1993	2005
,	,		ABS		
Toyota	Toyota	Corolla	(NIPPON)	1996	1996
Toyota	Toyota	Corolla	AIRBAG	1996	2005
			OCCUPANT		
Toyota	Toyota	Corolla	CLASS	2005	2005
Toyota	Toyota	Echo	ABS	2000	2005
Toyota	Toyota	Echo	AIRBAG	2000	2005
Toyota	Toyota	Highlander	ABS	2001	2005
Toyota	Toyota	Highlander	AIRBAG	2001	2005
			OCCUPANT		
Toyota	Toyota	Highlander	CLASS	2004	2005
Toyota	Toyota	Land Cruiser	ABS	1995	2005
Tarreta	Tarrata	I am al Omilia am	AIDDAC	4005	2005
Toyota	Toyota	Land Cruiser		1995	2005
Toyota	Toyota	Matrix	ABS	2003	2005
Toyota	Toyota	Matrix	AIRBAG	2003	2005
Toyota	Toyota	Matrix	OCCUPANT CLASS	2005	2005
_		MR2	ABS	1991	2000
Toyota	Toyota				
Toyota	Toyota	MR2	AIRBAG ELEC HYD	2000	2000
			POWER		
Toyota	Toyota	MR2	STEERING	2000	2000
-,	2,5.0		J <b>_</b>		
Toyota	Toyota	MR2 Spyder	ABS	2001	2005
Toyota	Toyota	MR2 Spyder	AIRBAG	2001	2005
			ELEC HYD		
_			POWER		
Toyota _	Toyota	MR2 Spyder		2001	2005
Toyota	Toyota	Paseo	ABS	1993	1997
Toyota	Toyota	Paseo	AIRBAG	1996	1997
Toyota	Toyota	Pickup	ABS	1990	1993

Toyota	Toyota	Pickup	ABS (RABS)	1994	1995
Toyota	Toyota	Pickup 4WD	ABS	1990	1991
	-				
Toyota	Toyota	Pickup AWD	ABS	1991	1991
Toyota	Toyota	Previa	ABS	1991	1997
Toyota	Toyota	Previa	AIRBAG	1995	1997
Toyota	Toyota	Prius	ABS	2001	2005
Toyota	Toyota	Prius	AIRBAG	2001	2005
			ELEC		
			POWER		
Toyota	Toyota	Prius	STEERING	2003	2004
Toyota	Toyota	Rav4	ABS	1996	2005
Toyota	Toyota	Rav4	AIRBAG	1996	2005
Toyota	Toyota	Sequoia	ABS	2001	2005
			AIR		
T	T	0	SUSPENSI	0005	0005
Toyota _	Toyota	Sequoia	ON	2005	2005
Toyota	Toyota	Sequoia	AIRBAG	2001	2005
Toyota	Toyota	Sequoia	OCCUPANT CLASS	2005	2005
Toyota	Toyota	Sienna	ABS		
Toyota	1			1998	2005
Toyota	Toyota	Sienna	AIRBAG OCCUPANT	1998	2005
Toyota	Toyota	Sienna	CLASS	2005	2005
Toyota	Toyota	Supra	ABS	1988	1998
Toyota	Toyota	Supra	AIRBAG	1993	1998
Toyota	Toyota	Supra	AINDAO	1990	1990
Toyota	Toyota	Nonturbo	ABS	1996	1996
	, , , , , ,	Supra			
Toyota	Toyota	Nonturbo	AIRBAG	1996	1996
Toyota	Toyota	T-100	ABS	1995	1998
Toyota	Toyota	T-100	ABS (RABS)	1993	1994
Toyota	Toyota	T-100	AIRBAG	1995	1998
Toyota	Toyota	Tacoma	ABS	1996	2005
Toyota	Toyota	Tacoma	AIRBAG	1996	2005
			OCCUPANT		
Toyota	Toyota	Tacoma	CLASS	2005	2005
Toyota	Toyota	Tercel	ABS	1993	1998
Toyota	Toyota	Tercel	AIRBAG	1995	1998
Toyota	Toyota	Tundra	ABS	2000	2005
Toyota	Toyota	Tundra	AIRBAG	2000	2005
			OCCUPANT		
Toyota	Toyota	Tundra	CLASS	2005	2005
Volkewegen	Volkswagen	Pootlo	ABS (Mark 20)	1998	2000
Volkswagen	voikswagen	Beetle	ABS (Mark	1996	2000
Volkswagen	Volkswagen	Beetle	60)	1998	2000
- c.i.c.iragon	, con agon		30,	. 555	_000
Volkswagen	Volkswagen	Beetle	AIRBAG	1998	2000
			ABS (Teves		
Volkswagen	Volkswagen	Cabrio	04)	1999	2002
			ABS (Teves		
Volkswagen	Volkswagen	Cabrio	20)	1996	2003

Volkswagen	Volkswagen	Cabrio	AIRBAG	1996	2003
Volkswagen	Volkswagen	Cabriolet	ABS	1993	1993
Volkswagen	Volkswagen	Corrado	ABS	1990	1994
Volkswagen	Volkswagen	Eurovan	ABS	1992	1996
\	\/all	F	ABS (Bosch	4007	2002
Volkswagen	Volkswagen	Eurovan	5.0) ABS (Bosch	1997	2003
Volkswagen	Volkswagen	Eurovan	5.3)	1997	2003
Volkswagen	Volkswagen	Eurovan	AIRBAG	1992	2003
Volkswagen	Volkswagen	Fox	ABS	1993	1993
Volkswagen	Volkswagen	Golf	ABS (Mark 20)	1999	2003
Voikswageri	Volkswageri	Goil	ABS (Mark	1999	2003
Volkswagen	Volkswagen	Golf	60)	1999	2003
Volkswagen	Volkswagen	Golf	ABS (Teves 04)	1996	1998
vollet age.	v ome magen		ABS (Teves	.000	
Volkswagen	Volkswagen	Golf	20)	1996	1998
Volkswagen	Volkswagen	Golf	AIRBAG	1996	2003
Volkowagan	Valkowagon	Calf CTI	ABS (Teves	1997	1998
Volkswagen	Volkswagen	Golf GTI	ABS (Teves	1997	1990
Volkswagen	Volkswagen	Golf GTI	20)	1997	1998
Volkswagen	Volkswagen	Golf GTI	AIRBAG	1997	1998
\/all-aa	\	CTI	ABS (Mark	4000	2002
Volkswagen	Volkswagen	GTI	ABS (Mark	1999	2003
Volkswagen	Volkswagen	GTI	60)	1999	2003
Volkswagen	Volkswagen	GTI	ABS (Teves 04)	1996	1996
Volkswageri	Volkswageri	OTT	ABS (Teves	1550	1550
Volkswagen	Volkswagen	GTI	20)	1996	1996
Volkswagen	Volkswagen	GTI	AIRBAG	1996	2003
Volkswagen	Volkswagen	Jetta	ABS	1991	1991
Mallian	\/~!!-	latte	ABS (Mark	4000	2002
Volkswagen	Volkswagen	Jetta	20) ABS (Mark	1999	2003
Volkswagen	Volkswagen	Jetta	60)	1993	2003
Volkswagen	Volkswagen	Jetta	ABS (Teves 04)	1996	1998
	22.71		ABS (Teves		
Volkswagen	Volkswagen	Jetta	20)	1996	1998
Volkswagen	Volkswagen	Jetta	AIRBAG	1993	2003
Volkswagen	Volkswagen	Jetta III	ABS (Mark 60)	1993	1995
Volkswageri	Volkswagen	Jona III	30)	1000	1000
Volkswagen	Volkswagen	Jetta III	AIRBAG	1993	1995

			ADC (Marile		
Volkswagen	Volkswagen	New Beetle	ABS (Mark 20)	2001	2003
VOIKSWageri	Volkswageri	INEW Deelle	ABS (Mark	2001	2003
Volkswagen	Volkswagen	New Beetle	60)	2001	2004
Volkswagen	Volkswagen	New Beetle	AIRBAG	2001	2003
Volkswagen	Volkswagen	Passat	ABS (Basala	1990	2004
Volkswagen	Volkswagen	Passat	ABS (Bosch 5.3)	1998	2002
Voikswageri	Volkswageri	i assai	ABS (Teves	1990	2002
Volkswagen	Volkswagen	Passat	04)	1995	1995
			ABS (Teves		
Volkswagen	Volkswagen	Passat	20)	1995	1995
	\		410040	4005	0000
Volkswagen	Volkswagen	Passat	AIRBAG	1995	2003
Volkswagen	Volkswagen	Touareg	ABS (Teves 20)	2003	2003
volkowagon	Volkowagon	rodarog	20)	2000	2000
Volkswagen	Volkswagen	Touareg	AIRBAG	2003	2003
Volvo	Volvo	850	AIRBAG	1994	1997
			ANTILOCK		
	., .		BRAKE		
Volvo	Volvo	850	SYSTEM	1993	1997
Volvo	Volvo	940	ANTILOCK	1994	1995
			ANTILOCK BRAKE		
Volvo	Volvo	940	SYSTEM	1993	1995
Volvo	Volvo	960	AIRBAG	1994	1997
			ANTILOCK		
			BRAKE		
Volvo	Volvo	960	SYSTEM	1993	1997
Volvo	Volvo	C70	AIRBAG	1998	2004
			ANTILOCK BRAKE		
Volvo	Volvo	C70	SYSTEM	1998	2004
VOIVO	VOIVO	Cross	OTOTEN	1000	2004
Volvo	Volvo	Country	AIRBAG	2002	2002
			ANTILOCK		
		Cross	BRAKE		
Volvo	Volvo	Country	SYSTEM	2002	2002
Volvo	Volvo	S40	ANTILOCK	2000	2004
			ANTILOCK BRAKE		
Volvo	Volvo	S40	SYSTEM	2000	2004
Volvo	Volvo	S60	AIRBAG	2001	2004
			ANTILOCK		
			BRAKE		
Volvo	Volvo	S60	SYSTEM	2001	2004
Volvo	Volvo	S70	AIRBAG	1998	2000
			ANTILOCK BRAKE		
Volvo	Volvo	S70	SYSTEM	1998	2000
Volvo	Volvo	S80	AIRBAG	1999	2004
			ANTILOCK		
			BRAKE		
Volvo	Volvo	S80	SYSTEM	1999	2004

Volvo	Volvo	S90	AIRBAG	1998	1998
			ANTILOCK		
			BRAKE		
Volvo	Volvo	S90	SYSTEM	1998	1998
Volvo	Volvo	Select ECU	AIRBAG	1996	2004
			ANTILOCK		
			BRAKE		
Volvo	Volvo	Select ECU	SYSTEM	1996	2004
Volvo	Volvo	V40	AIRBAG	2000	2004
			ANTILOCK		
			BRAKE		
Volvo	Volvo	V40	SYSTEM	2000	2004
Volvo	Volvo	V70	AIRBAG	1998	2004
			ANTILOCK		
			BRAKE		
Volvo	Volvo	V70	SYSTEM	1998	2004
Volvo	Volvo	V90	AIRBAG	1998	1998
			ANTILOCK		
			BRAKE		
Volvo	Volvo	V90	SYSTEM	1998	1998
Volvo	Volvo	XC70	AIRBAG	2004	2004
			ANTILOCK		
			BRAKE		
Volvo	Volvo	XC70	SYSTEM	2004	2004
Volvo	Volvo	XC90	AIRBAG	2003	2004
			ANTILOCK		
			BRAKE		
Volvo	Volvo	XC90	SYSTEM	2003	2004

# **SPX** Corporation Limited Warranty

# THIS WARRANTY IS EXPRESSLY LIMITED TO ORIGINAL RETAIL BUYERS OF SPX ELECTRONIC DIAGNOSTIC TOOLS ("UNITS").

SPX Units are warranted against defects in materials and workmanship for three years (36 months) from date of delivery. This warranty does not cover any Unit that has been abused, altered, used for a purpose other than that for which it was intended, or used in a manner inconsistent with instructions regarding use. The sole and exclusive remedy for any Unit found to be defective is repair or replacement, at the option of SPX. In no event shall SPX be liable for any direct, indirect, special, incidental or consequential damages (including lost profit) whether based on warranty, contract, tort or any other legal theory. The existence of a defect shall be determined by SPX in accordance with procedures established by SPX. No one is authorized to make any statement or representation altering the terms of this warranty.

#### DISCLAIMER

THE ABOVE WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

### **SOFTWARE**

Unit software is proprietary, confidential information protected under copyright law. Users have no right in or title to Unit software other than a limited right of use revocable by SPX. Unit software may not be transferred or disclosed without the written consent of SPX. Unit software may not be copied except in ordinary backup procedures.

### ORDER INFORMATION

Replacement and optional parts can be ordered directly from your SPX authorized tool supplier. Your order should include the following information:

- quantity
- · part number
- · item description

#### **Technical Service**

If you have any questions about the operation of the product, please call (800) 533-6127.

## **Repair Service**

When sending your SPX electronic product in for repair, please include the following information:

- · company name
- · contact name
- · telephone number
- · description of the problem
- · proof-of-purchase for warranty repairs
- · preferred method of payment for non-warranty repairs

For non-warranty repairs, payment can be made with Visa, Master Card, or with approved credit terms. To receive a credit application, please fax your request to the Credit Department at 800-962-8734.

Send the unit to: SPX Service Solutions 2300 Park Drive PO Box 994 Owatonna, MN 55060-0994 RGA: Repair Dept.



Service Solutions, A UNIT OF SPX CORPORATION

655 Eisenhower Drive, Owatonna, MN 55060-0095 Phone: 507-455-7000, International Sales: 507-455-7223

2006 SPX Corporation. All rights reserved **07/12/06 Part Number 538656**