

TRUSCAN MEASURING SYSTEM



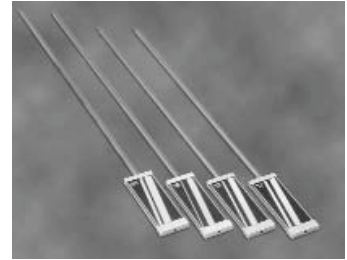
PARTS MANUAL



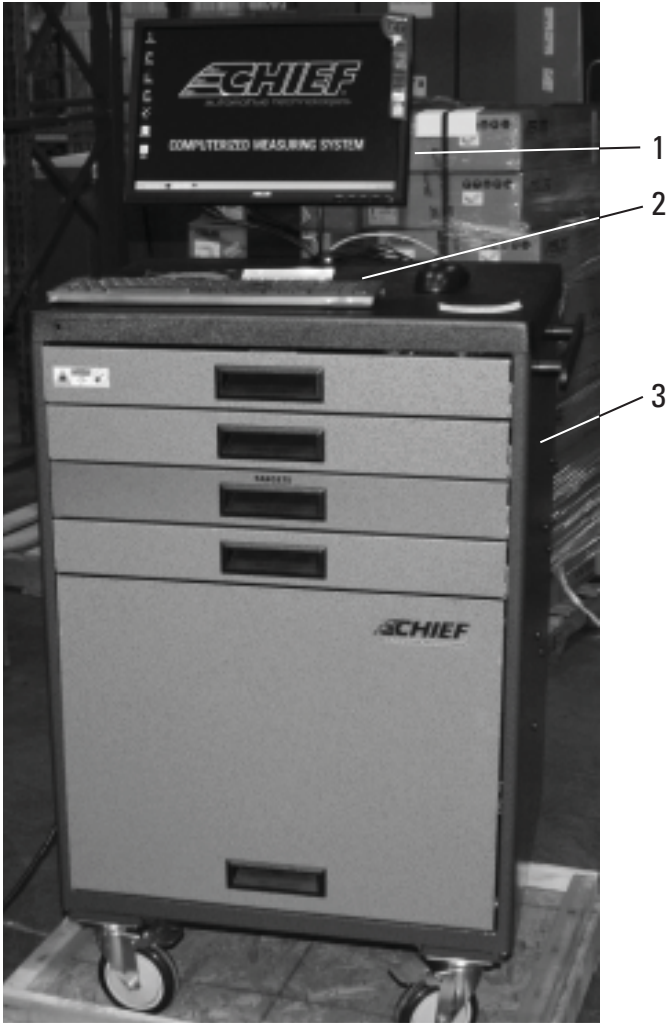
PARTS ORDERING INFORMATION

If it becomes necessary to order replacement parts or accessories for your Vector Measuring System, or contact a service representative, call the Chief Automotive Technologies 24-hour toll-free telephone number (800-445-9262). If located outside the United States, contact an authorized Chief Automotive Technologies representative.

When contacting Chief Automotive Technologies by telephone or mail, provide the following information: name, name of shop, shop telephone number, shop address, a description of the part and the part number, if available. In addition, note the method of payment and shipping charges.



Workstation



| REF | PART. NO | DESCRIPTION |
|-----|----------|--------------------------|
| 1 | ** | Monitor, LCD |
| 2 | ** | Keyboard, Enhanced |
| 3 | 788958 | Workstation, Complete |
| 4 | NP1318 | Decal, Laser Caution |
| 5 | CK720225 | Scanner Assembly |
| 6 | CK130091 | Scanner Power Cable |
| 7 | CK110048 | Power Supply Cable, 110V |
| 8 | CK110049 | Power Supply Cable, 220V |
| * | 788289 | Nylon Hinges (pair) |

* Not shown.

** Contact Chief Automotive Technologies for current model(s) available. Note brand name and model number of existing equipment when making inquiry.

NOTE: Decals available in some foreign languages. Order by description.

BODY SCANNER



Scanner Cable 6



Power Supply Cable, 110V 7

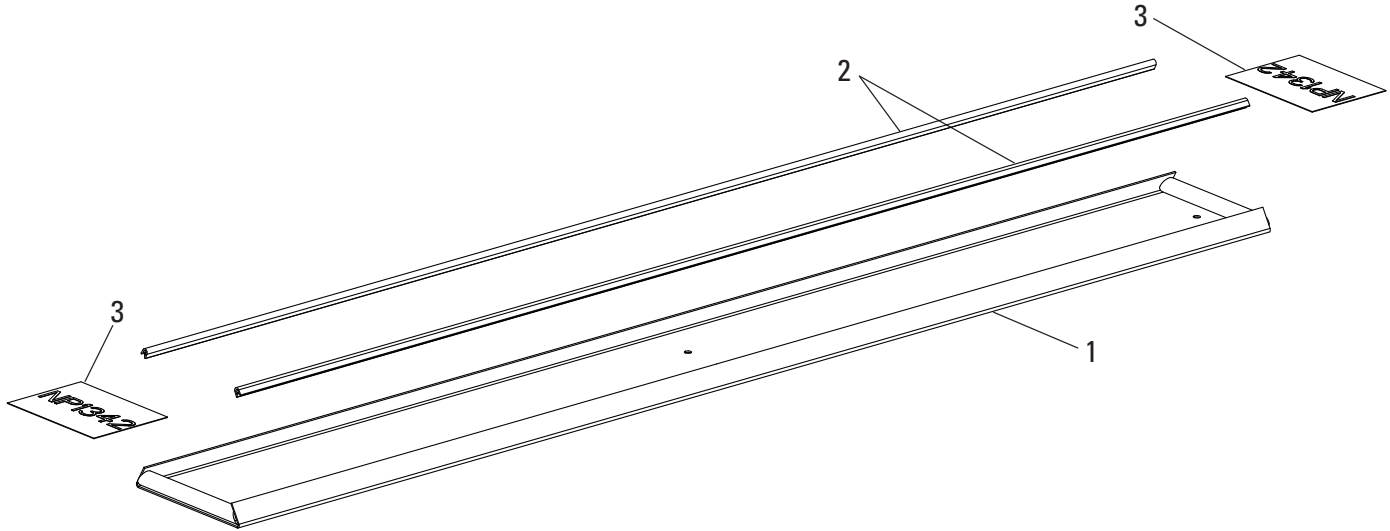


Power Supply Cable, 220V 8



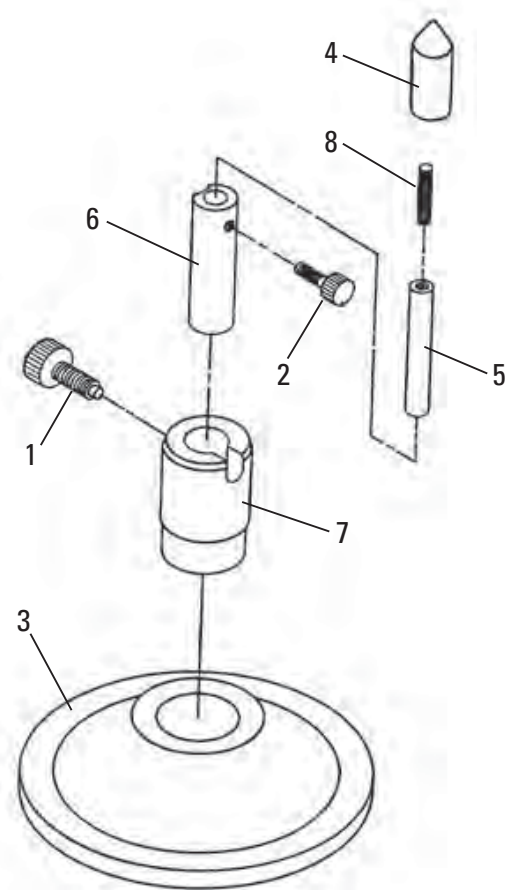
Scanner Tray

| REF | PART NO. | DESCRIPTION |
|-----|---------------|---------------------------------------|
| | 788078 | Tray, Scanner (complete) |
| 1 | 788076 | Tray, Scanner |
| 2 | 795624 | Trim, 1/16" wide, raw, R100 B3 x 1/16 |
| 3 | NP1342 | Nameplate |



Target Base

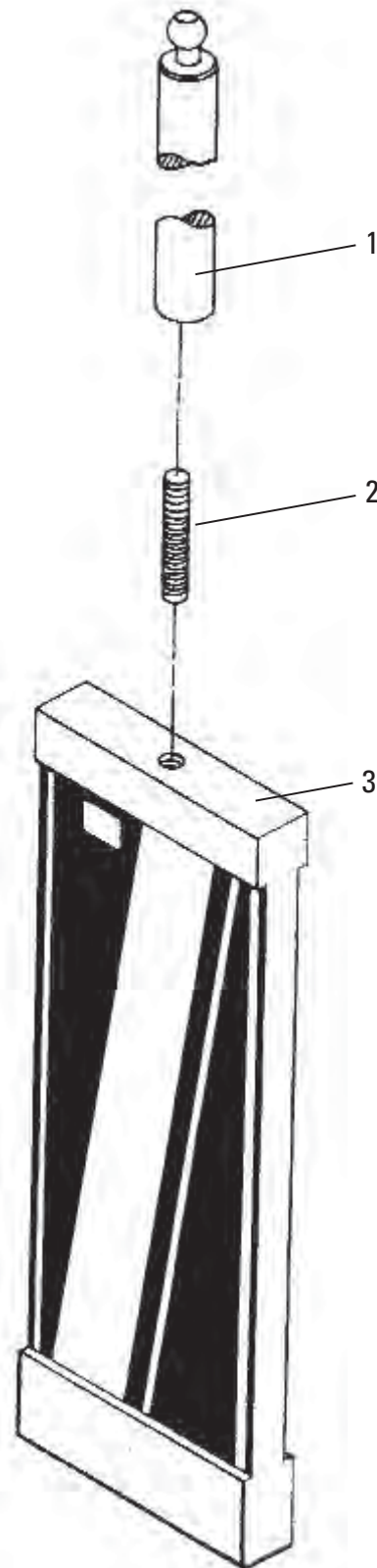
| REF | PART NO. | DESCRIPTION |
|-----|---------------|-------------------------------------|
| | 799060 | Target Base (complete) |
| 1 | 621835 | Thumb Screw, Padded, 1/4-20NC x 1/2 |
| 2 | 632227 | Screw, 6-32 x 1/2, SHCS |
| 3 | 635612 | Base |
| 4 | 790209 | Point, 25mm |
| 5 | 790217 | Extension, Inner, 6mm x 50mm |
| 6 | 790225 | Extension, Center, 13mm x 50mm |
| 7 | 790233 | Cylinder, Outer, 25mm x 45mm |
| 8 | 796221 | Set Screw, Hex Socket |



| REF | PART NO. | DESCRIPTION |
|-----|---------------|---|
| | 798526 | Target Ass'y, 20-150mm, #1, complete |
| 1 | 790401 | Pendant, 20mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798008 | Sub Assembly Target |
| | 798534 | Target Ass'y, 20-150mm, #2, complete |
| 1 | 790401 | Pendant, 20mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798016 | Sub Assembly Target |
| | 798585 | Target Ass'y, 40-170mm, #7, complete |
| 1 | 790410 | Pendant, 40mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798067 | Sub Assembly, Target |
| | 798593 | Target Ass'y, 40-170mm, #8, complete |
| 1 | 790410 | Pendant, 40mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798075 | Sub Assembly, Target |
| | 798606 | Target Ass'y, 60-190mm, #9, complete |
| 1 | 790428 | Pendant, 60mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798083 | Sub Assembly, Target |
| | 798614 | Target Ass'y, 60-190mm, #10, complete |
| 1 | 790428 | Pendant, 60mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798091 | Sub Assembly, Target |
| | 798622 | Target Ass'y, 60-19mm, #11, complete |
| 1 | 790428 | Pendant, 60mm |
| 2 | 796221 S | tud (Set Screw), 8-32NC x .75 Large |
| 3 | 798104 | Sub Assembly, Target |
| | 798630 | Target Ass'y, 60-190mm, #12, complete |
| 1 | 790428 | Pendant, 60mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798112 | Sub Assembly Target |
| | 798649 | Target Ass'y, 100-230mm, #13, complete |
| 1 | 790436 | Pendant, 100mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798120 | Sub Assembly Target |
| | 798657 | Target Ass'y, 100-230mm, #14, complete |
| 1 | 790436 | Pendant, 100mm |
| 2 | 796221 | Stud (Set Screw, 8-32NC x .75 Large |
| 3 | 798139 | Sub Assembly, Target |
| | 798665 | Target Ass'y, 100-230mm, #15, complete |
| 1 | 790436 | Pendant, 100mm |
| 2 | 796221 | Stud (Set Screw), 80-32NC x .75 Large |
| 3 | 798147 | Sub Assembly, Target |
| | 798673 | Target Ass'y, 100-230mm, #16, complete |
| 1 | 790436 | Pendant, 100mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798155 | Sub Assembly, Target |

Target Assemblies

Target No. 1-2, 7-36

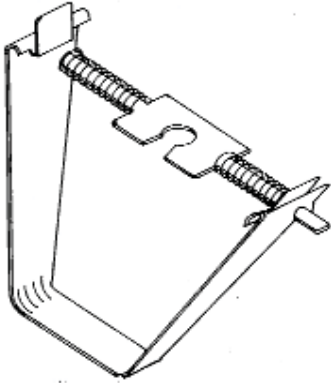


Target Assemblies continued

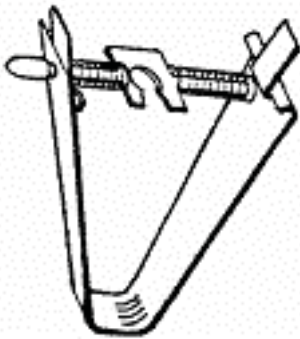
| REF | PART NO. | DESCRIPTION |
|-----|---------------|---|
| | 798681 | Target Ass'y, 140-270mm, #17, complete |
| 1 | 790444 | Pendant, 140mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798163 | Sub Assembly Target |
| | 798690 | Target Ass'y, 140-270mm, #18, complete |
| 1 | 790444 | Pendant, 140mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798171 | Sub Assembly Target |
| | 798702 | Target Ass'y, 140-270mm, #19, complete |
| 1 | 790444 | Pendant, 140mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798180 | Sub Assembly, Target |
| | 798710 | Target Ass'y, 140-170mm, #20, complete |
| 1 | 790444 | Pendant, 140mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798198 | Sub Assembly, Target |
| | 798729 | Target Ass'y, 180-310mm, #21, complete |
| 1 | 790452 | Pendant, 180mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798200 | Sub Assembly, Target |
| | 798737 | Target Ass'y, 180-310mm, #22, complete |
| 1 | 790452 | Pendant, 180mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798219 | Sub Assembly, Target |
| | 798745 | Target Ass'y, 220-350mm, #23, complete |
| 1 | 790460 | Pendant, 220mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798227 | Sub Assembly, Target |
| | 798753 | Target Ass'y, 220-350mm, #24, complete |
| 1 | 790460 | Pendant, 220mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798235 | Sub Assembly Target |
| | 798761 | Target Ass'y, 260-390mm, #25, complete |
| 1 | 790479 | Pendant, 260mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798243 | Sub Assembly Target |
| | 798770 | Target Ass'y, 260-390mm, #26, complete |
| 1 | 790479 | Pendant, 260mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798251 | Sub Assembly, Target |

| REF | PART NO. | DESCRIPTION |
|-----|---------------|---|
| | 798788 | Target Ass'y, 300-430mm, #27, complete |
| 1 | 790487 | Pendant, 300mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798260 | Sub Assembly, Target |
| | 798796 | Target Ass'y, 300-430mm, #28, complete |
| 1 | 790487 | Pendant, 300mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798278 | Sub Assembly, Target |
| | 798809 | Target Ass'y, 340-470mm, #29, complete |
| 1 | 790495 | Pendant, 340mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798286 | Sub Assembly, Target |
| | 798817 | Target Ass'y, 340-470mm, #30, complete |
| 1 | 790495 | Pendant, 340mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798294 | Sub Assembly Target |
| | 798825 | Target Ass'y, 340-470mm, #31, complete |
| 1 | 790495 | Pendant, 340mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798307 | Sub Assembly, Target |
| | 798833 | Target Ass'y, 340-470mm, #32, complete |
| 1 | 790495 | Pendant, 340mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798315 | Sub Assembly, Target |
| | 798841 | Target Ass'y, 380-510mm, #33, complete |
| 1 | 790516 | Pendant, 380mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798323 | Sub Assembly, Target |
| | 798850 | Target Ass'y, 380-510mm, #34, complete |
| 1 | 790516 | Pendant, 380mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798331 | Sub Assembly, Target |
| | 798868 | Target Ass'y, 380-510mm, #35, complete |
| 1 | 790516 | Pendant, 380mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798340 | Sub Assembly, Target |
| | 798876 | Target Ass'y, 380-510mm, #36, complete |
| 1 | 790516 | Pendant, 380mm |
| 2 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 3 | 798358 | Sub Assembly, Target |

Hole Attachment - Metal



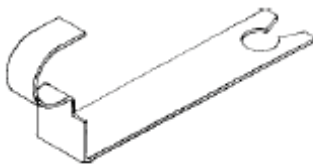
Extruded Hole Attachment - Metal



Side Hole Clip - Metal



Extended Side Hole Clip - Metal

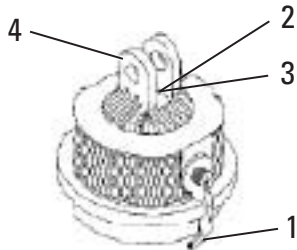


| PART NO. | DESCRIPTION |
|----------|--------------------------------------|
| | Hole Attachment |
| 798980 | Attachment, Hole, 9 - 25mm |
| 798999 | Attachment, Hole, 20 - 45mm |
| | Extruded Hole Attachment |
| 799019 | Attachment, Extruded Hole, 9 - 25mm |
| 799027 | Attachment, Extruded Hole, 20 - 45mm |
| | Side Hole Clip |
| 790188 | Clip, Side Hole, 23mm |
| 790196 | Clip, Side Hole, 35mm |
| | Side Hole Clip, Extended |
| 790330 | Clip, Side Hole, Extended, 23 x 50mm |
| 790372 | Clip, Side Hole, Extended, 35 x 50mm |

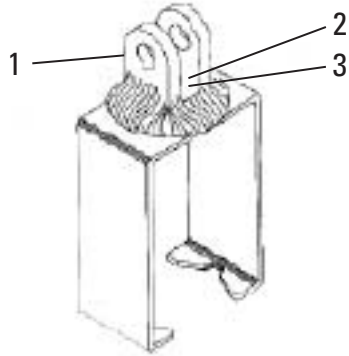
Bottom Hole Clip



Aluminum Snap-in

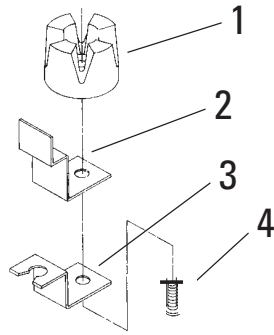


Nylon Bolt Clip

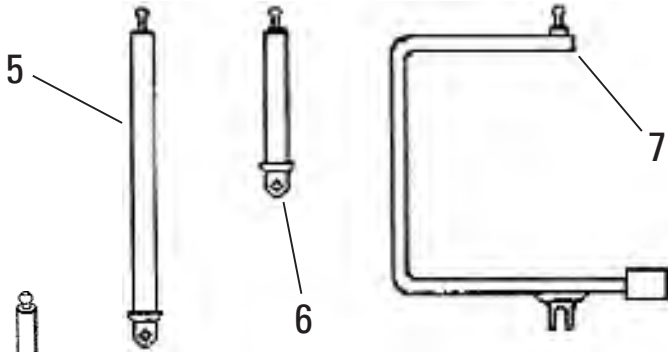


| REF | PART NO. | DESCRIPTION |
|-----|----------|---|
| | | Bottom Hole Clip |
| | 792271 | Clip, Bottom Hole, 5-10mm |
| | | Aluminum Snap-In Attachment |
| | 780030 | Attachment, Snap-In, 10mm |
| | 780031 | Attachment, Snap-In, 11mm |
| | 780032 | Attachment, Snap-In, 12mm |
| | 780033 | Attachment, Snap-In, 13mm |
| | 780034 | Attachment, Snap-In, 14mm |
| | 780035 | Attachment, Snap-In, 15mm |
| | 780036 | Attachment, Snap-In, 16mm |
| | 780037 | Attachment, Snap-In, 17mm |
| | 780038 | Attachment, Snap-In, 18mm |
| | 780039 | Attachment, Snap-In, 19mm |
| | 780040 | Attachment, Snap-In, 20mm |
| | 780042 | Attachment, Snap-In, 22mm |
| | 780044 | Attachment, Snap-In, 24mm |
| | 780045 | Attachment, Snap-In, 25mm |
| | 780046 | Attachment, Snap-In, 26mm |
| | 780048 | Attachment, Snap-In, 28mm |
| | 780050 | Attachment, Snap-In, 30mm |
| | 780052 | Attachment, Snap-In, 32mm |
| 1 | 780000 | Spring, Hole Plug |
| 2 | 780001 | Shoulder Screw, .18 x .313 Long |
| 3 | 780026 | Set Screw, 2-56 x 3/8 Long |
| 4 | 790277 | Ball Socket, Target |
| | | Nylon Bolt Clip |
| | 780057 | Bolt Clip, Nylon, 10-20mm |
| | 780058 | Bolt Clip, Nylon, 15-25mm |
| | 780059 | Bolt Clip, Nylon, 25-35mm |
| 1 | 790277 | Ball Socket, Target |
| 2 | 780001 | Shoulder Screw, .18 x .313 Long |
| 3 | 780028 | Cap Screw, 2-56 x 3/16 Lg., Button Hd. |

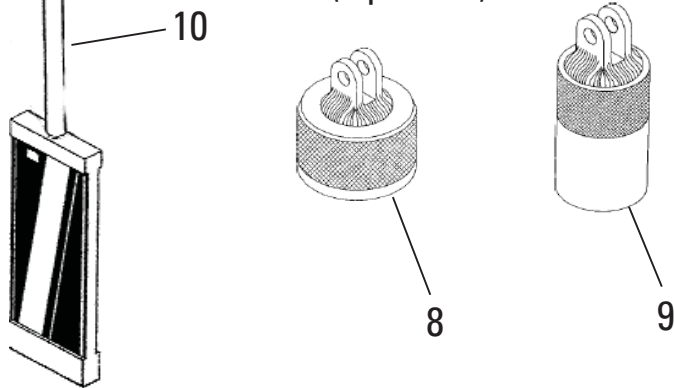
Magnetic Attachment (Optional)



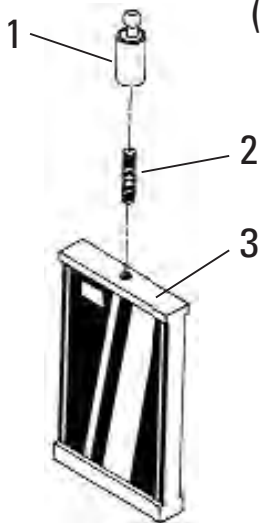
Target Extension Rod Assembly Package (Optional)



Truck Attachment Package (Optional)



Lower Ball Joint Targets - #41 & #42 (Optional)



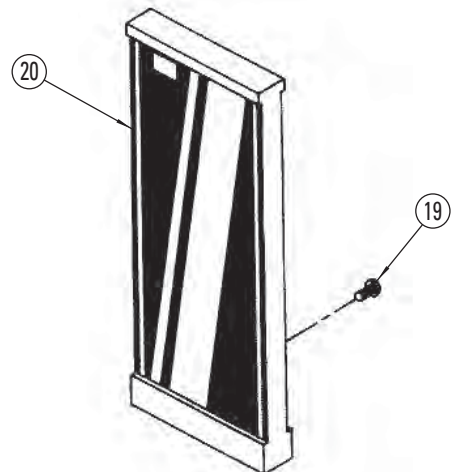
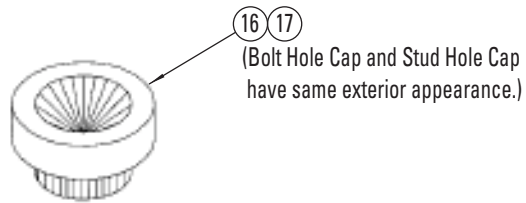
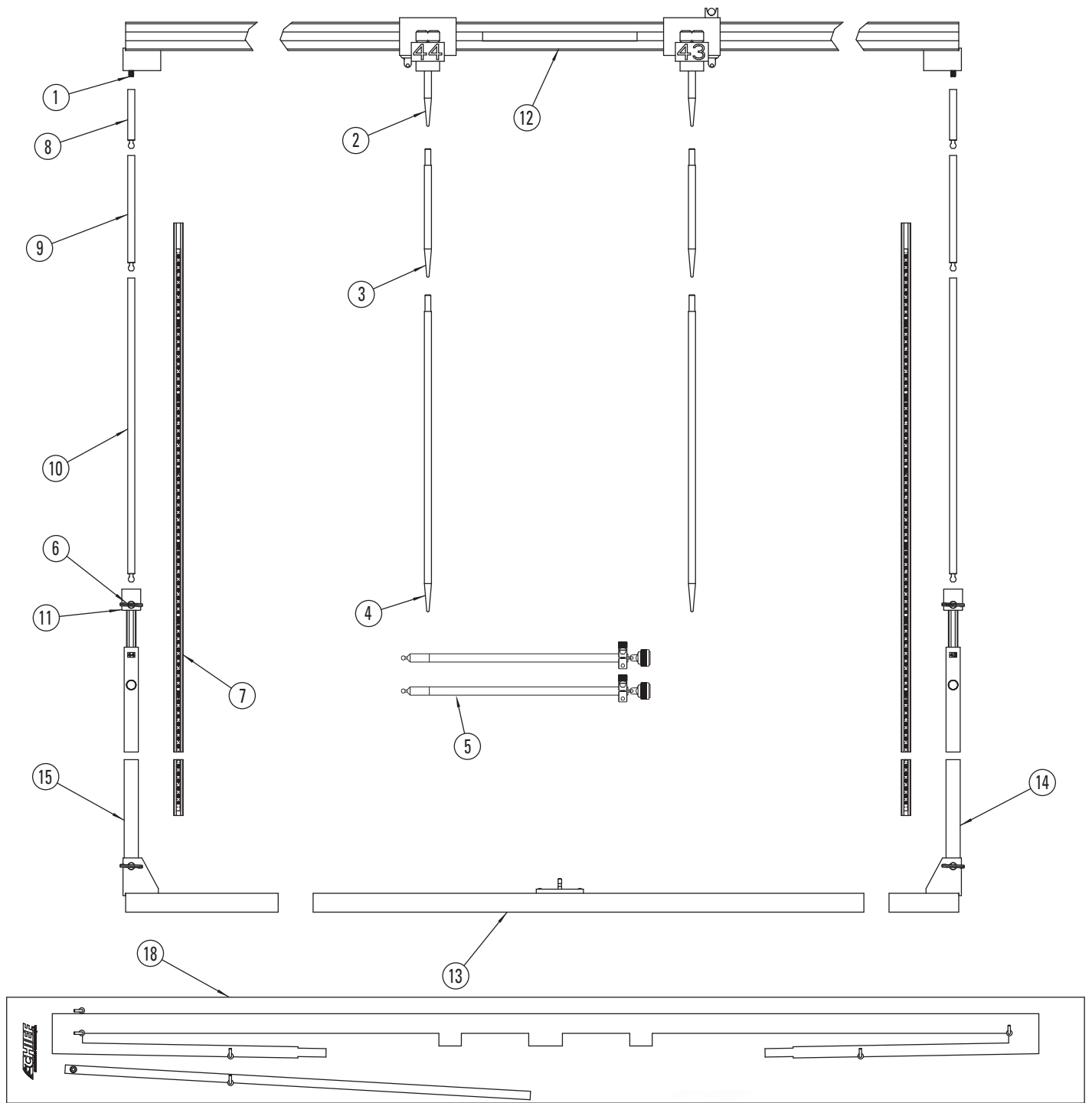
| REF | PART NO. | DESCRIPTION |
|-----|---------------|---|
| | | Magnetic Attachment (Optional) |
| 1 | 629010 | Magnet |
| 2 | 790102 | Holder, Magnetic Attachment |
| 3 | 790110 | Guide, Magnetic Attachment |
| 4 | 790678 | Pop Rivet, 1/4", Multi-Grip, AD-828 |
| | 798440 | Target Extension Rod Assembly Pkg. (Optional) |
| 5 | Target | Ext. Rod Ass'y, 256mm, red |
| 6 | Target | Ext. Rod Ass'y, 156mm, blue |
| 7 | 4C | Extension, C - Shape |
| | 799535 | Truck Attachment Pkg. — Drawer 4 (Optional) |
| 8 | | Magnetic Bolt Attachment, 10mm |
| | | Magnetic Bolt Attachment, 13mm |
| | | Magnetic Bolt Attachment, 14mm |
| | | Magnetic Bolt Attachment, 15mm |
| | | Magnetic Bolt Attachment, 16mm |
| | | Magnetic Bolt Attachment, 17mm |
| | | Magnetic Bolt Attachment, 18mm |
| | | Magnetic Bolt Attachment, 19mm |
| | | Magnetic Bolt Attachment, 21mm |
| | | Magnetic Bolt Attachment, 24mm |
| 9 | | Threaded Bolt Attachment, 13mm |
| | | Threaded Bolt Attachment, 14mm |
| | | Threaded Bolt Attachment, 15mm |
| | | Threaded Bolt Attachment, 18mm |
| | | Threaded Bolt Attachment, 21mm |
| | | Threaded Bolt Attachment, 24mm |
| 10 | | Target Assembly, No. 37 |
| | | Target Assembly, No. 38 |
| | | Target Assembly, No. 39 |
| | | Target Assembly, No. 40 |
| * | | Pad, Truck Attachment Package |
| * | | Foam Pad, 1" x 17" x 21" |
| | | Lower Ball Joint Targets - #41 & 42 (Optional) |
| | 798921 | Target Ass'y, 20-95mm, #41, complete |
| 11 | 790401 | Pendant, 20mm |
| 12 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 13 | 798403 | Sub Assembly, Target |
| | 798930 | Target Ass'y, 20-95mm, #42, complete |
| 11 | 790401 | Pendant, 20mm |
| 12 | 796221 | Stud (Set Screw), 8-32NC x .75 Large |
| 13 | 798411 | Sub Assembly, Target |

* Not shown

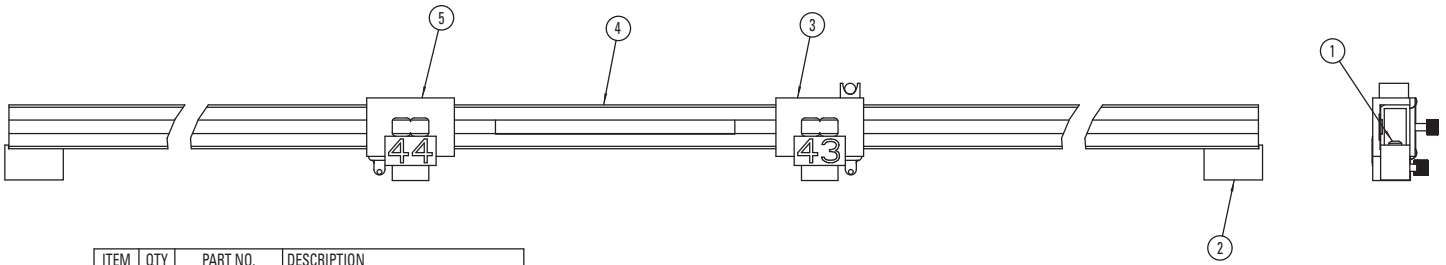
Upper Body Bar Package
(Optional)

| REF | PART NO. | DESCRIPTION |
|-----|----------------|---|
| | 799013D | Upper Body Bar Package (Optional) |
| | 799013 | Upper Body Bar Assembly (complete) |
| 1 | 010074 | Socket Head Set Screw 1/4-20 x 3/4 |
| 2 | 620947 | Uni-Strut 4" Pointer |
| 3 | 620955 | Uni-Strut 7" Pointer |
| 4 | 620956 | Uni-Strut 17" Pointer |
| 5 | 790331 | UBB Stabilizer Assembly |
| 6 | 792781 | Pin, Upper Body Bar |
| 7 | 797786 | Bar-Tape Assembly, Upper Body Scale |
| 8 | 799005 | Short UBB Extension - |
| 9 | 799007 | Medium UBB Extension - |
| 10 | 799011 | Long UBB Extension - |
| 11 | 799012 | UBB Extension Attachment |
| 12 | 799014 | Upper Bar Assembly Upper Body Bar |
| 13 | 799481 | Lower Bar Assembly Upper Body Bar |
| 14 | 799489 | Vertical Scale Assembly Upper Body Bar, Left |
| 15 | 799490 | Vertical Scale Assembly Upper Body Bar, Right |
| | | Caps, Bolt Hole / Stud Hole |
| 16 | 780060 | Cap, Bolt Hole, 5mm |
| | 780061 | Cap, Bolt Hole, 7mm |
| | 780062 | Cap, Bolt Hole, 9mm |
| | 780063 | Cap, Bolt Hole, 11mm |
| | 780064 | Cap, Bolt Hole, 13mm |
| | 780065 | Cap, Bolt Hole, 15mm |
| | 780066 | Cap, Bolt Hole, 17mm |
| 17 | 792025 | Cap, Stud/Hole, 6mm |
| | 792026 | Cap, Stud/Hole, 8mm |
| | 792027 | Cap, Stud/Hole, 9mm |
| | 792028 | Cap, Stud/Hole, 10mm |
| | 792029 | Cap, Stud/Hole, 12mm |
| | 792030 | Cap, Stud/Hole, 13mm |
| | 792031 | Cap, Stud/Hole, 14mm |
| | 792032 | Cap, Stud/Hole, 15mm |
| | 792033 | Cap, Stud/Hole, 18mm |
| 18 | 799158 | Storage Board |
| | | Hanger, Long |
| | | Nut, Propeller Tee, 1/4-20, Pl. |
| | | Silk Screen Board |
| | | Decal, Vector Accessories |
| | | Upper Body Bar Targets - Nos. 43, 44, 45 |
| | 798948 | Target Assembly, 100mm, #43, Left, complete |
| 19 | 796096 | Screw, 4-40 x 1/2" HSHCS, Bl. |
| 20 | 798420 | Sub Assembly, Target |
| | 798956 | Target Assembly, 100mm, #44, Right, complete |
| 21 | 796096 | Screw, 4-40 x 1/2" HSHCS, Bl. |
| 22 | 798438 | Sub Assembly, Target |
| | 798964 | Target Assembly 100mm, #45, Center, complete |
| 23 | 796096 | Screw, 4-40 x 1/2" HSHCS, Bl. |
| 24 | 798446 | Sub Assembly, Target |

* Not shown

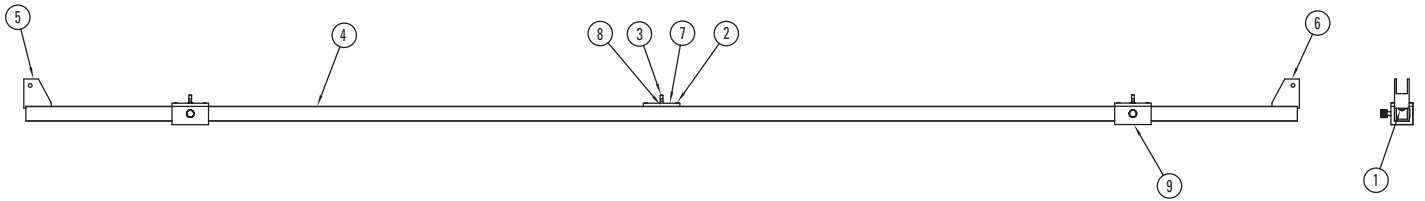


799014 Upper Bar Assembly Upper Body Bar



| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|----------|----------------------------------|
| 1 | 4 | 011052 | SCREW, 1/4-20 X 5/8, BHCS, BLACK |
| 2 | 2 | 799004 | UPPER UBB CORNER BRACKET |
| 3 | 1 | 799561 | POINTER HOLDER ASSEMBLY #43 |
| 4 | 1 | 799625 | BAR-TAPE ASSEMBLY UPPER BODY BAR |
| 5 | 1 | 799641 | POINTER HOLDER ASSEMBLY #44 |

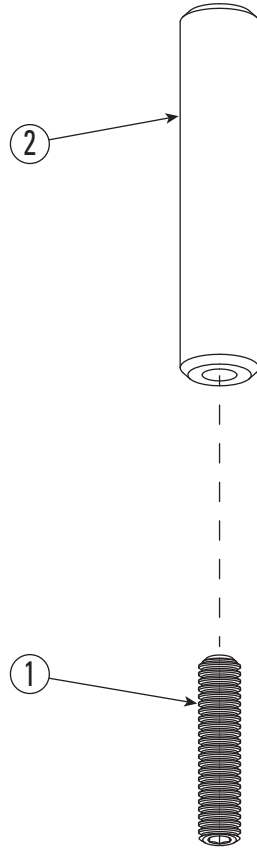
799481 Lower Bar Assembly Upper Body Bar



| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|----------|---|
| 1 | 4 | 011052 | SCREW, 1/4-20 X 5/8, BHCS, BLACK |
| 2 | 2 | 790679 | POP RIVET, 1/8" |
| 3 | 1 | 790866 | |
| 4 | 1 | 790890 | BAR, LOWER, UPPER BODY BAR |
| 5 | 1 | 790920 | BRACKET, LOWER CORNER RIGHT, UPPER BODY BAR |
| 6 | 1 | 790922 | BRACKET, LOWER CORNER RIGHT, UPPER BODY BAR |
| 7 | 1 | 792714 | |
| 8 | 1 | 796053 | SET SCREW, 4-48 X 1/2 LG BLACK |
| 9 | 2 | 799553 | |

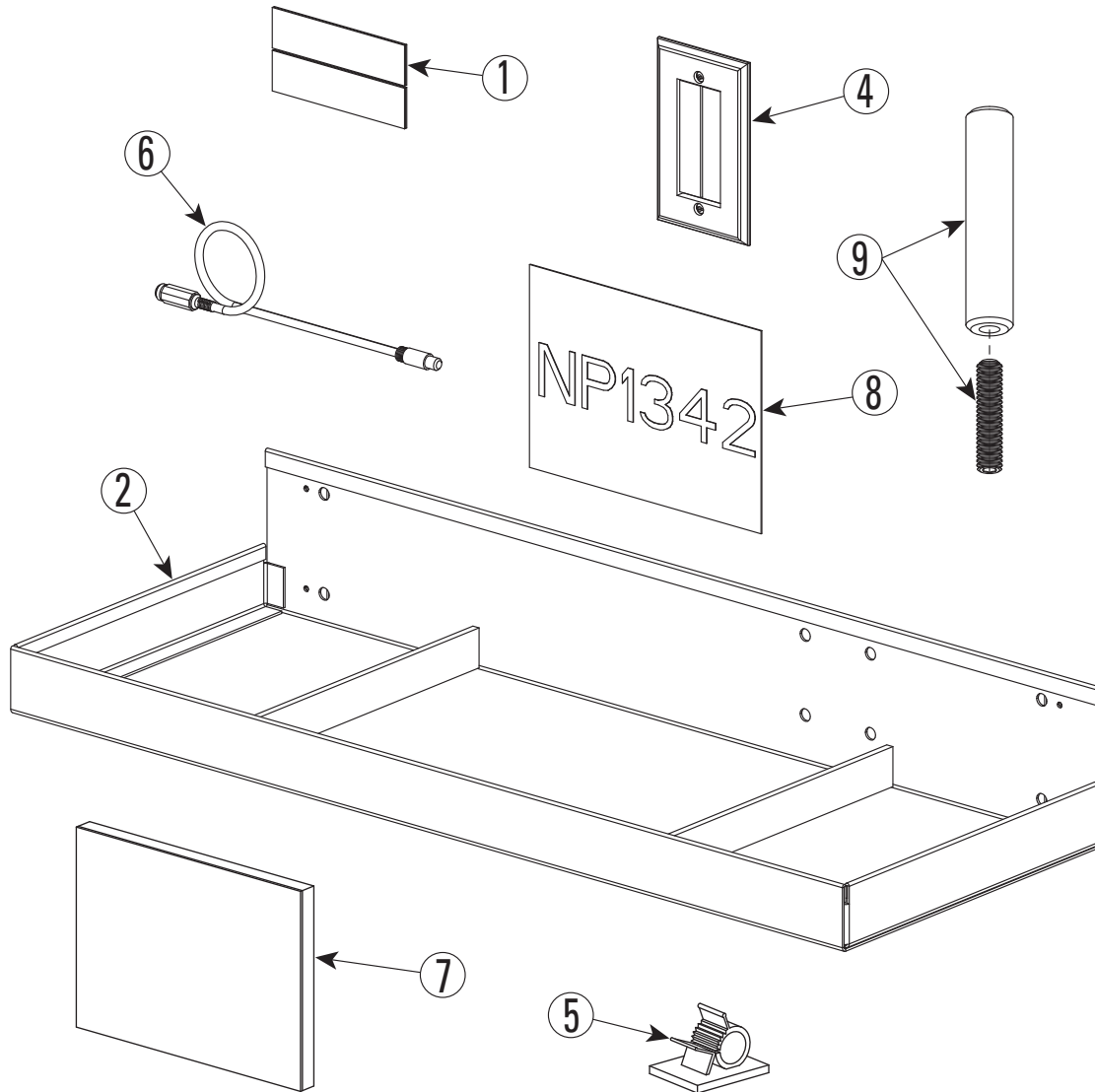
VERIFICATION KIT (CK140041)

| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|----------|-----------------------|
| 1 | 2 | 796221 | SCREW 8-32NC X .75 LG |
| 2 | 2 | CK130088 | TARGET STEM |



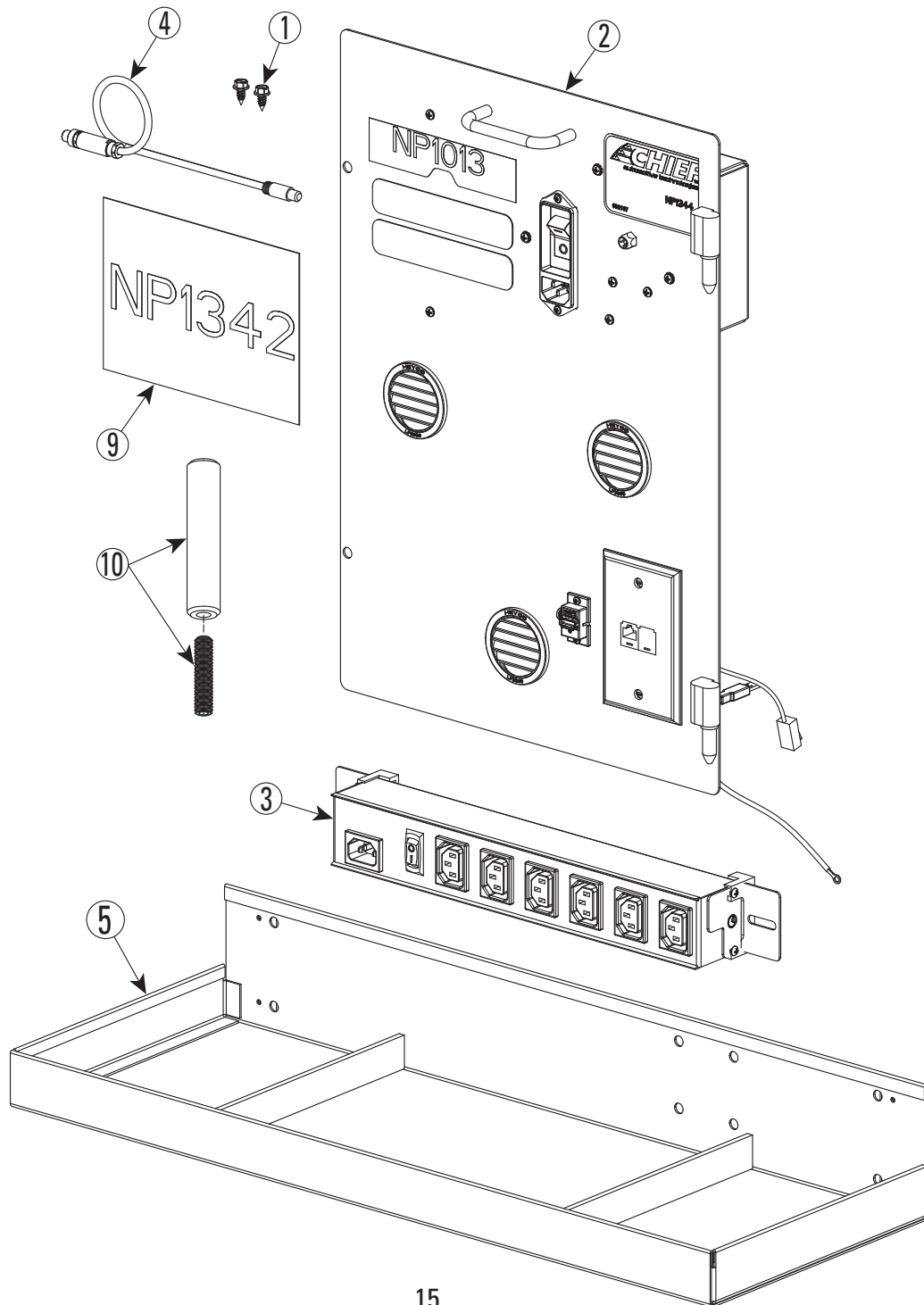
VECTOR GALILEO PLATE RETROFIT KIT (CK140036)

| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|----------|---------------------------------|
| 1 | 1 | CK110140 | POWER SUPPLY, TAPE ASSEMBLY |
| 2 | 1 | CK130029 | GALILEO TRAY, VECTOR |
| 3 | 1 | CK130054 | SCANNER COVER (NOT SHOWN) |
| 4 | 1 | CK130081 | WALL PLATE WITH BRISTLES, BLACK |
| 5 | 1 | CK130093 | CABLE CLIP |
| 6 | 1 | CK130090 | SCANNER BARREL CABLE ASSEMBLY |
| 7 | 1 | CK130047 | FOAM INSERT, TRAY |
| 8 | 2 | NP1342 | NAMEPLATE |
| 9 | 1 | CK140041 | VERIFICATION KIT |



VECTOR GALILEO BACK PANEL RETROFIT KIT (CK140020)

| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|----------|--|
| 1 | 2 | 796556 | #12x1/2" SELF TAPPING SCREW |
| 2 | 1 | CK110039 | BACK PANEL ASSEMBLY, CSHS |
| 3 | 1 | CK110040 | POWERSTRIP BRACKET ASSEMBLY |
| 4 | 1 | CK130091 | SCANNER PIN CABLE ASSEMBLY |
| 5 | 1 | CK130029 | GALILEO TRAY, VECTOR |
| 6 | 1 | CK130044 | C7/C18 POWER CORD, 3 FEET (NOT SHOWN) |
| 7 | 1 | CK130054 | SCANNER COVER (NOT SHOWN) |
| 8 | 2 | CK720331 | C14/C13 POWER CORD, 1000MM (NOT SHOWN) |
| 9 | 2 | NP1342 | NAMEPLATE |
| 10 | 1 | CK140041 | VERIFICATION KIT |





996 Industrial Dr.
Madison, IN 47250
Phone: 800.445.9262
Fax: 866.275.0173

www.chiefautomotive.com