

Genesis 2 Measuring System

PARTS MANUAL



PARTS INFORMATION

If it becomes necessary to order replacement parts or accessories for your Genesis 2 Measuring System, or contact a service representative, call the Chief Automotive Systems, Inc. 24-hour toll-free telephone number (800-445-9262). If located outside the United States, contact an authorized Chief Automotive Systems, Inc. representative.

When contacting Chief Automotive Systems, Inc. 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.

GENESIS BASIC ASSEMBLY PARTS (See Illustrations - Page 2)

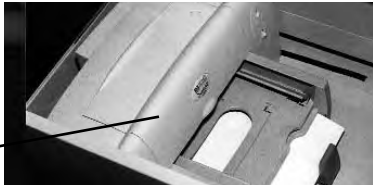
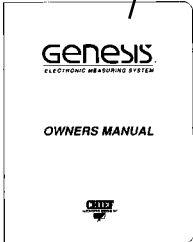
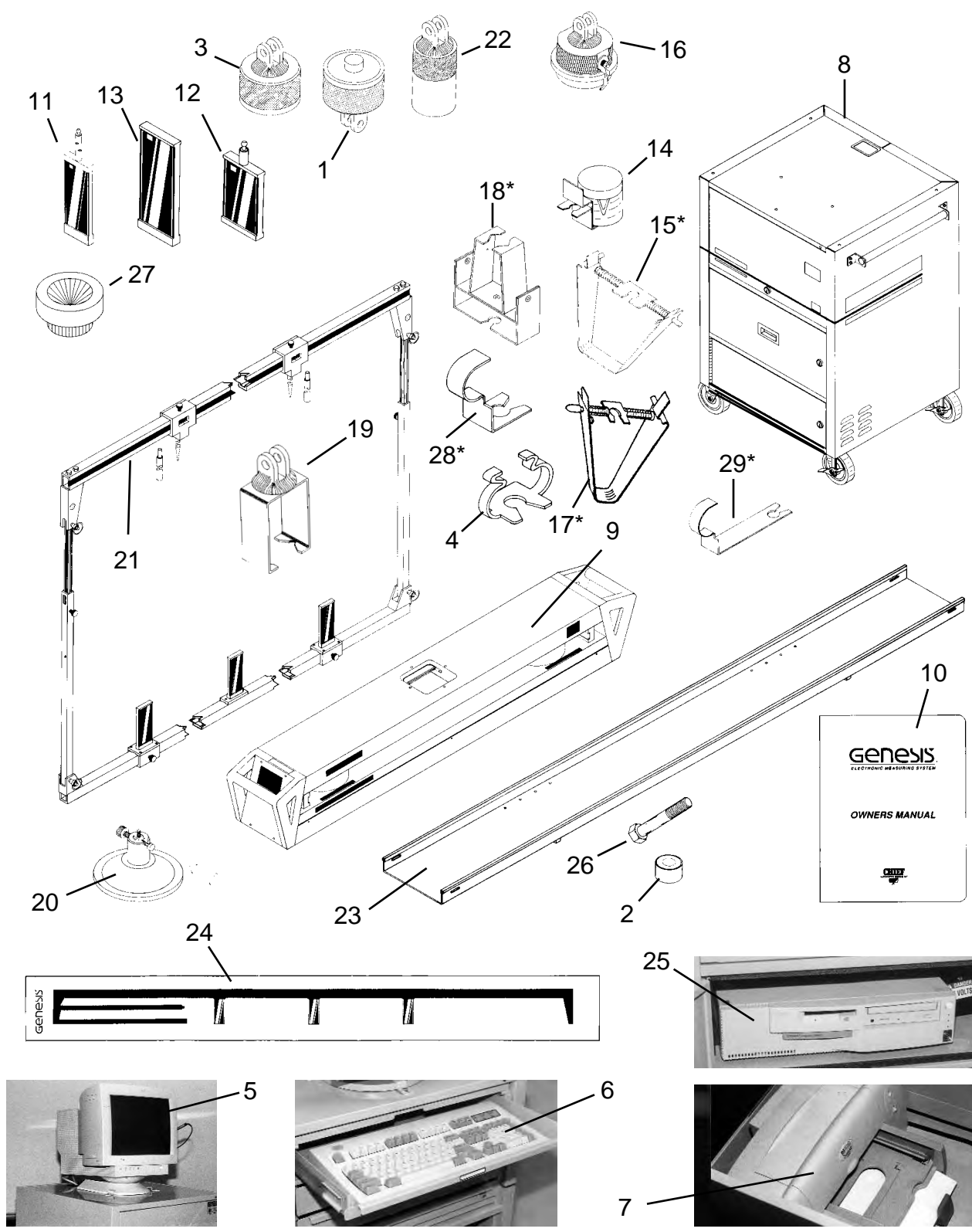
Ref.	Part No.	Description
1	*	Magnetic Hole Attachment
2	636287	Spacer Assembly
3	*	Magnetic Bolt Attachment
4	*	Clip, Bottom Hole, 5-10mm
5	**	Monitor
6	**	Keyboard, Enhanced
7	**	Printer
***	797540	Kit, Fresnell Lens Cleaning
8	798486	Cabinet, Complete, Genesis 2
9	798500	Body Scanner
10	798510	Owners/Software Manual, Genesis 2 (W-1)
11	*	Target Assembly, Nos. 1-40
12	*	Target Assembly, Nos. 41-42
13	*	Target Assembly, Nos. 43-45
14	798972	Attachment, Magnetic
15	*	Hole Attachment (Yellow/Green/Blue), optional
16	*	Hole Attachment, (Snap-In)
17	*	Extruded Hole Attachment (Orange/White), optional
18	*	Bolt Attachment (Metal), optional
19	*	Bolt Attachment (Nylon)
20	799060	Base Assembly, Target
21	799123	Bar Assembly, Upper Body
22	*	Threaded Bolt Attachment
23	799140	Tray, Body Scanner
24	799158	Board Assembly, Wall Storage, 12 x 96"
25	*	Computer
26	606053	Bolt, 5/8-11NC x 3 Lg. Gr. 8 Pl.
27	*	Cap, Bolt Hole
28	*	Side Hole Clip
29	*	Side Hole Clip, Extended
***	798524	Genesis Basic Training Manual

* See individual sizes and respective part numbers on following pages.

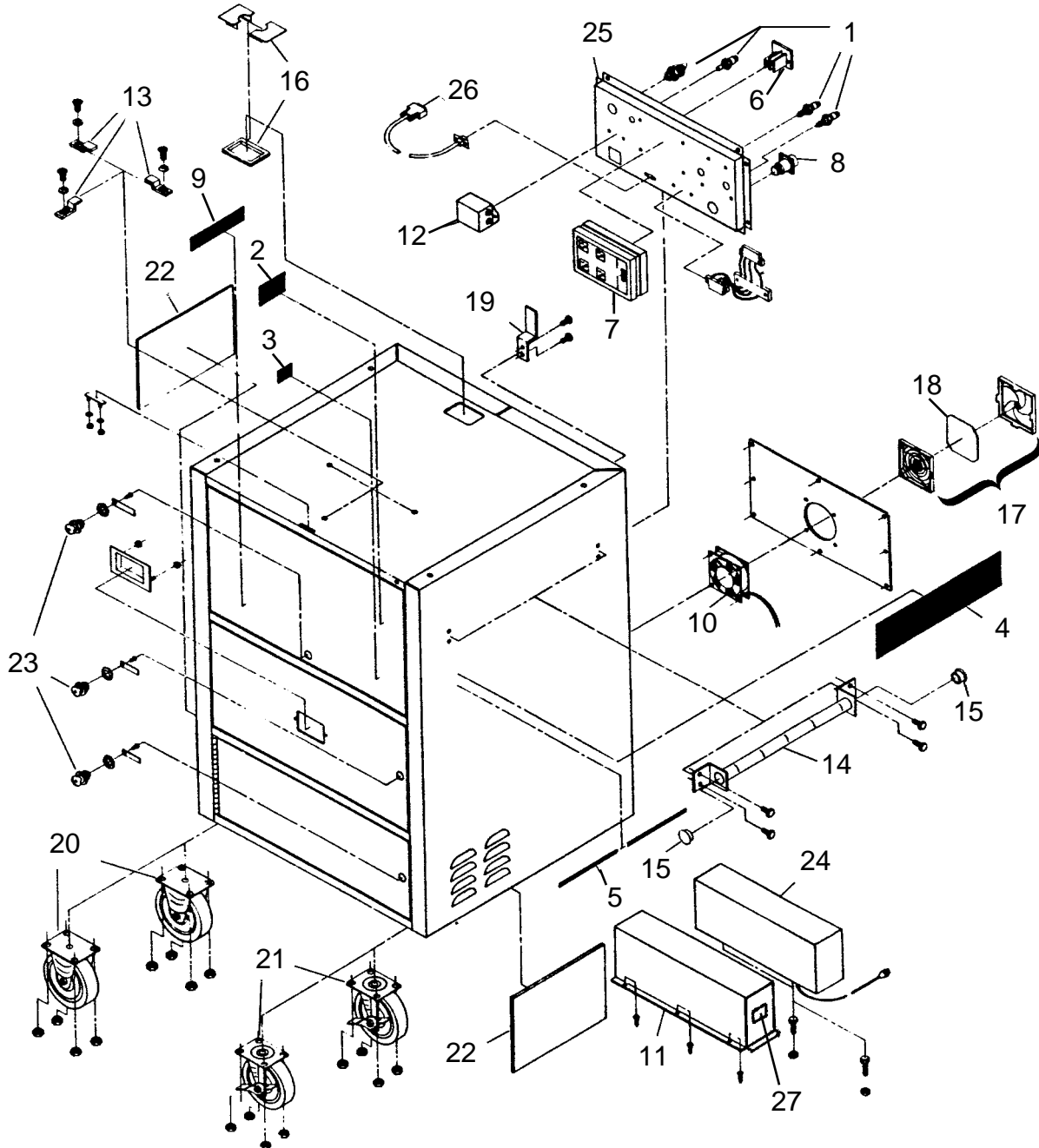
** Contact Chief Automotive Systems, Inc. for current model(s) available. Note brand name and model number of existing equipment when making inquiry.

*** Not shown in parts section.

GENESIS BASIC ASSEMBLY PARTS
(Illustrations)



Workstation (See Part Numbers, Descriptions - Next Page)



Workstation (continued)

Ref.	Part No.	Description
	798489	Cabinet, Workstation (ass'y)
1	705043	Fuse Holder
*	790284	Insert, Drawer #1, Targets
2	790292	Label, Caution, Class II Laser Product
*	792589	Insert, Drawer #2, Attachments
3	792773	Decal, Chief Automotive Syst.
4	792803	Decal, Genesis, Cabinet, Small
*	792845	Pad, CPU
5	792861	Decal, Pinstripe, 1/4", Red
6	794437	AC Connector, Male
7	794429	Power Strip/Surge Protector
8	794445	Bulkhead Connector
9	792838	Decal, Genesis, Cabinet, Large
10	794470	Fan, Cooling, 12V
11	795480	Cover, Lexan, Power Supply
12	795245	Line Filter, AC
*	795763	Pad, Nonskid, Printer Stand

Ref.	Part No.	Description
13	795843	Tie Down Clamp, Monitor
14	797400	Side Handle, Workstation
15	795860	Plug, Workstation, Side Handle
16	795878	Plug, Slot, Workstation
17	797725	Filter Assembly, Fan
18	795907	Filter Replacement, Fan
*	797398	Pad, Storage Drawer
19	797427	Cable Bracket, Workstation
20	797435	Caster, Rigid, Workstation
21	797443	Caster, Swivel, Workstation
22	797515	Filter, Workstation
23	797523	Lock, Keyed, Drawer
24	799457	Power Supply Assembly
*	799449	Power Supply Cord
25	798488	Rear Panel
26	799420	Cable Assembly/Panel Mount
27	705044	Angled Fuse Holder

* Not Shown

Computer



1

Monitor



2

Keyboard



3

Printer



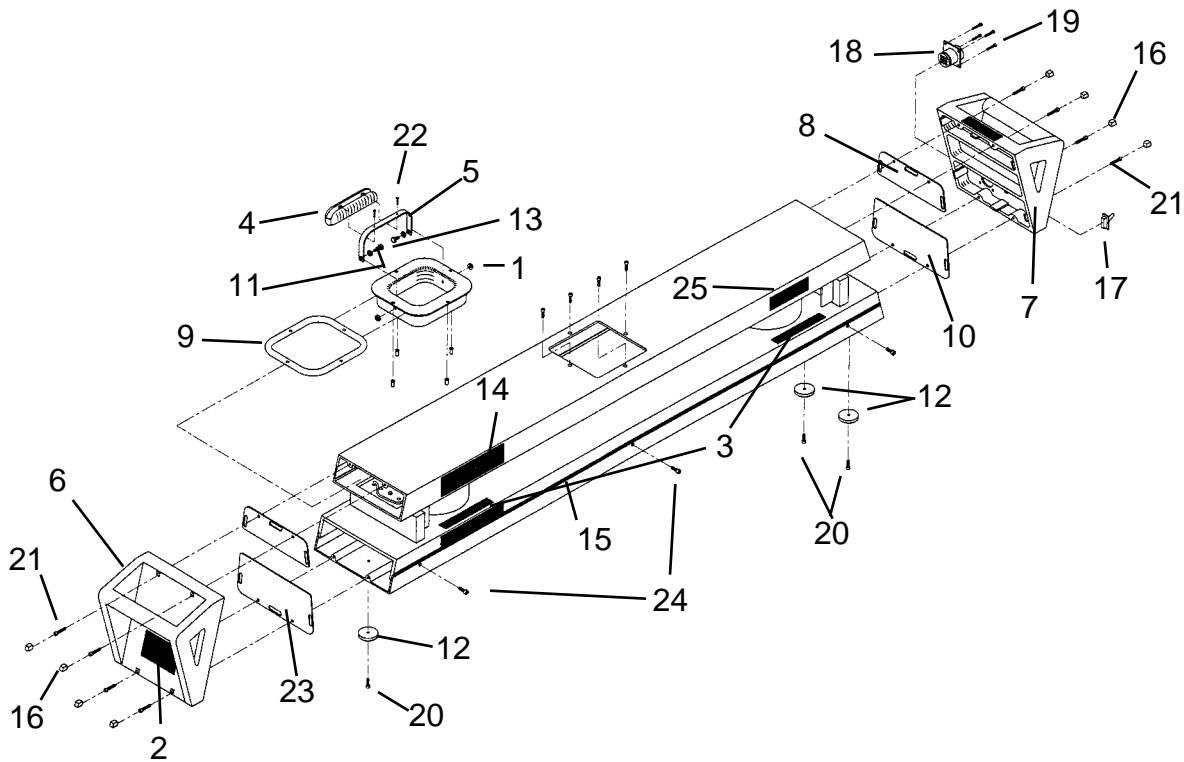
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Ref.	Part No.	Description
1	**	Computer
*	**	Cord, Supply, CPU Power*
2	**	Monitor, Color
*	795229	Cover, Nylon, Monitor
*	**	Cover, Metal, Monitor (optional)
3	**	Keyboard, Enhanced
*	**	Cable, Keyboard
*	794576	Cover, Dust, Keyboard
4	**	Printer
*	**	Cord, Power, Printer
*	**	Ribbon, Printer

* Not Shown

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

Body Scanner



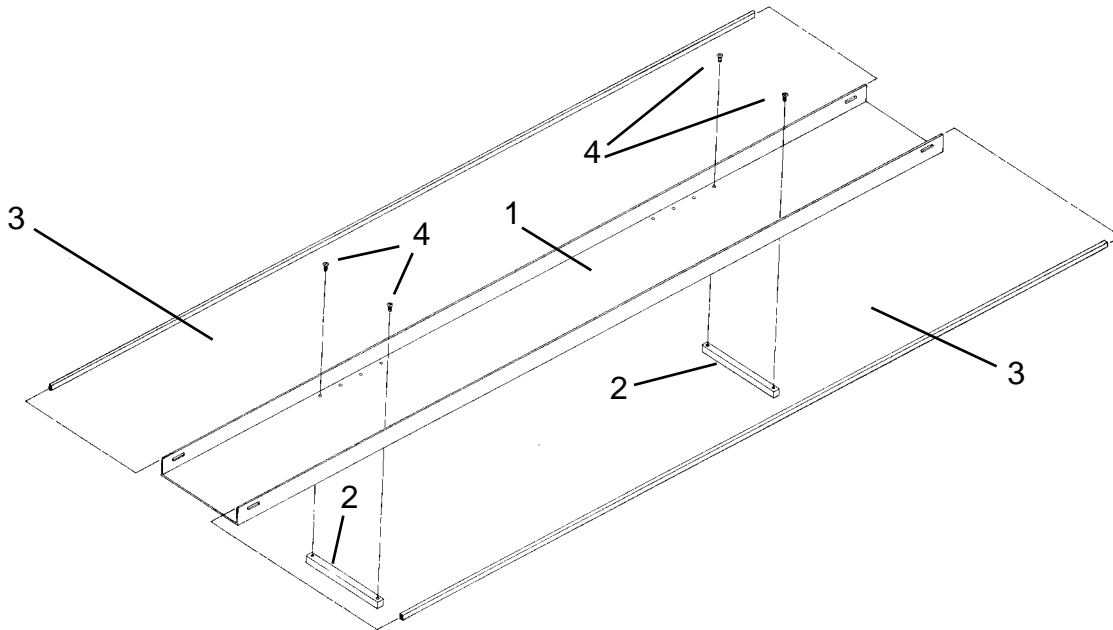
Ref.	Part No.	Description
	798500	Body Scanner (complete)
1	706804	Nut, Hex, 6-32
2	790292	Decal, Caution, Class II Laser Product , Decal is located on each Body Scanner Handle
3	790305	Decal, Avoid Exposure, Identical Decals located on Opposite Side Of Body Scanner
4	790575	Grip, Center Handle
5	790583	Retainer, Grip, Center Handle
6	790604	Handle, End
7	790615	End Handle, w/Holes, Coated
8	790663	Gasket, Upper End Handle
9	790680	Gasket, Center Handle
10	790735	Gasket, Lower, End Handle
11	790831	Bolt, Shoulder, 6-32
12	790840	Foot, Body Scanner Housing
13	756393	Washer, Nylon
14	792803	Decal, Genesis, Body Scanner
15	792861	Decal, Pinstripe, 1/4", Red

Ref.	Part No.	Description
16	792888	Plug, End Handle
17	794234	Switch, Power Toggle
18	794445	Bulkhead Connector
*	795202	Cover, Nylon, Body Scanner
19	796096	Screw, 4-40 x 1/2" Lg., Black, HSHCS
20	796141	Screw, 6-32 x 1/2" Lg.
21	796168	Screw, 6-32 x 3/4" Lg., HSHCS
*	796264	Nut, 6-32, Hex, Pl.
*	799174	Cable Assembly, Body Scanner
22	796344	Screw, #2 x 1/2" Bl.
23	792597	Gasket, Lower, End Handle, Solid
24	621042	Screw, 8-32 x 1/2", SBHCS, BL
25	792773	Decal, Chief Automotive Systems, Inc.
*	790291	Decal, Turn Scanner Off

* Not Shown

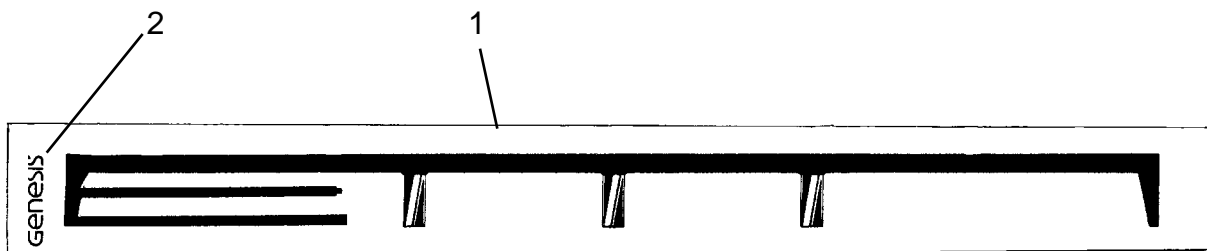
Ref.	Part No.	Description
	799140	Tray, Body Scanner (complete)
1	792212	Tray, Body Scanner
2	792220	Foot, Body Scanner Tray
3	795624	Trim, 1/16" wide, raw, R100 B3 x 1/16
4	796141	Screw, 6-32 x 1/2" Lg., HSBHCS, Blk.

Tray

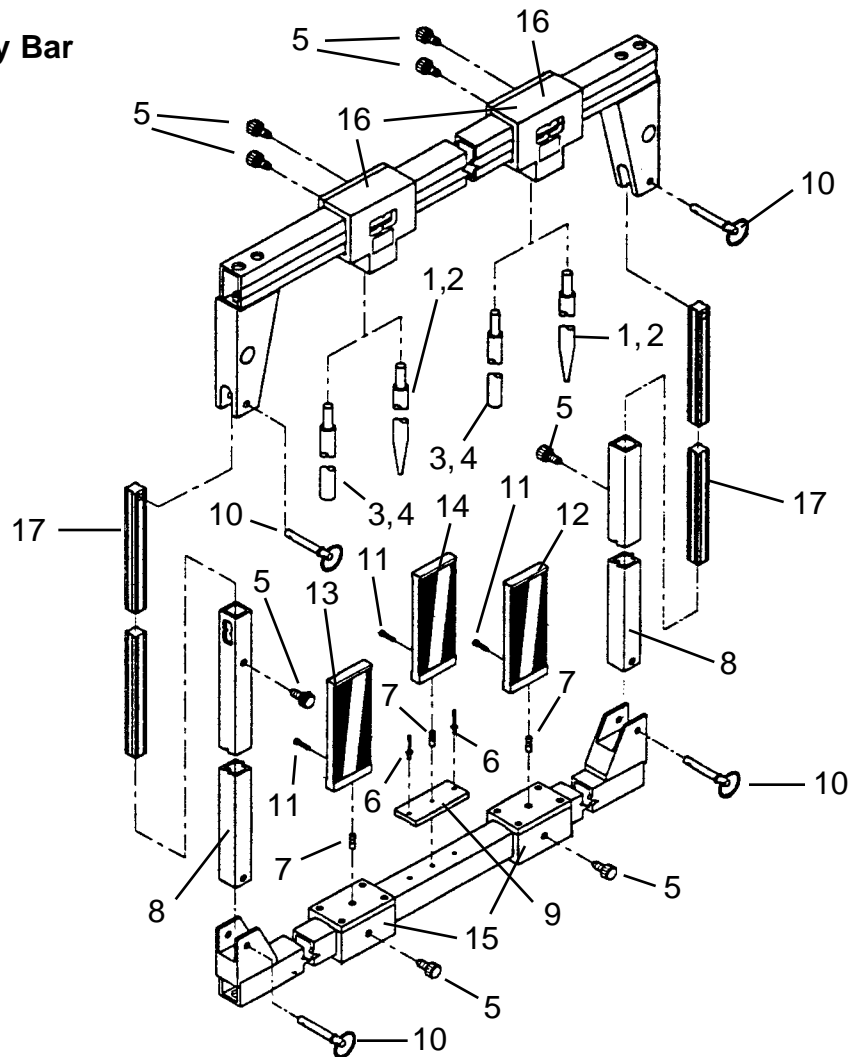


Storage Board

Ref.	Part No.	Description
	799158	Board Assembly, Wall Storage
	629407	Hanger, Long
	621468	Nut, Propeller Tee, 1/4-20, Pl.
1	790073	Silk Screen Board
2	792853	Decal, Genesis Accessories



Upper Body Bar



Ref.	Part No.	Description
	799123	Upper Body Bar Assembly (complete)
1	620947	Pointer, 102mm
2	620955	Pointer, 178mm
3	620963	Reverse Cone, 102mm
4	620971	Reverse Cone, 178mm
5	621835	Thumb Screw, Padded, 1/4-20 x 1/2"
6	790679	Pop Rivet, 1/8", Multi-Grip, AD-4345-BS
7	790866	Stud, Target Holder, Upper Body Bar
*	791922	Decal, #43, Target Back
*	791930	Decal, #44, Target Back
8	792183	Housing, Outer, Scale Assembly
9	792714	Mount, Center Target, Upper Body Bar

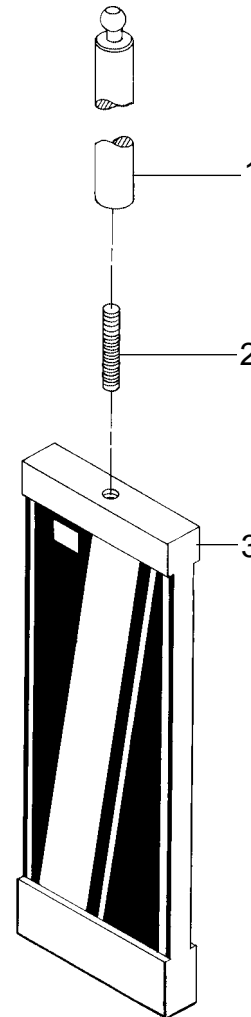
* Not Shown

Ref.	Part No.	Description
10	792781	Pin, Upper Body Bar
11	796096	Screw, 4-40 x 1/2" Lg., Blk.
12	798948	Target Assembly, 100mm, No. 43, Left
13	798956	Target Assembly, 100mm, No. 44, Right
14	798964	Target Assembly, 100mm, No. 45, Center
15	799552	Holder Assembly, Target, U.B.B. Hard Coated
16	799560	Pointer Holder Assembly, Hard Coated
17	799633	Bar Tape Assembly, Vertical Bar
*	797787	Extended Bar Tape Assembly, Vertical Bar

NOTE: Items 1, 2, 3, 4, 11, 12, 13, and 14 are not included in 799123. Shown for clarity.

Target Assemblies - Nos. 1 - 40

Ref.	Part No.	Description
	798526	Target Ass'y, 20mm-150mm, #1 (compl.)
1	790401	Pendant, 20mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798008	Sub Assembly, Target
	798534	Target Ass'y, 20mm-150mm, #2 (compl.)
1	790401	Pendant, 20mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798016	Sub Assembly, Target
	798542	Target Ass'y, 40mm-170mm, #3 (compl.) (optional)
1	790410	Pendant, 40mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798024	Sub Assembly, Target
	798550	Target Ass'y, 40mm-170mm, #4 (compl.) (optional)
1	790410	Pendant, 40mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798032	Sub Assembly, Target
	798569	Target Ass'y, 40mm-170mm, #5 (compl.) (optional)
1	790410	Pendant, 40mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798040	Sub Assembly, Target
	798577	Target Ass'y, 40mm-170mm, #6 (compl.) (optional)
1	790410	Pendant, 40mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798059	Sub Assembly, Target
	798585	Target Ass'y, 40mm-170mm, #7 (compl.)
1	790410	Pendant, 40mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798067	Sub Assembly, Target
	798593	Target Ass'y, 40mm-170mm, #8 (compl.)
1	790410	Pendant, 40mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798075	Sub Assembly, Target
	798606	Target Ass'y, 60mm-190mm, #9 (compl.)
1	790428	Pendant, 60mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798083	Sub Assembly, Target
	798614	Target Ass'y, 60mm-190mm, #10 (compl.)
1	790428	Pendant, 60mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798091	Sub Assembly, Target
	798622	Target Ass'y, 60mm-190mm, #11 (compl.)
1	790428	Pendant, 60mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798104	Sub Assembly, Target



Ref.	Part No.	Description
	798630	Target Ass'y, 60mm-190mm, #12 (compl.)
1	790428	Pendant, 60mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798112	Sub Assembly, Target
	798649	Target Ass'y, 100mm-230mm, #13 (complete)
1	790436	Pendant, 100mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798120	Sub Assembly, Target
	798657	Target Ass'y, 100mm-230mm, #14 (complete)
1	790436	Pendant, 100mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798139	Sub Assembly, Target

Target Assemblies (Nos. 1 - 40) continued...

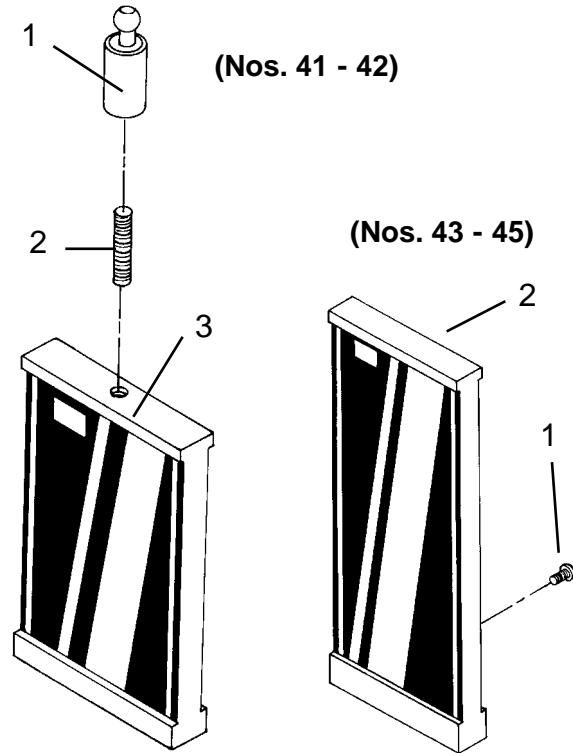
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	798665	Target Ass'y, 100mm-230mm, #15 (complete)
1	790436	Pendant, 100mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798147	Sub Assembly, Target
	798673	Target Ass'y, 100mm-230mm, #16 (complete)
1	790436	Pendant, 100mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798155	Sub Assembly, Target
	798681	Target Ass'y, 140mm-270mm, #17 (complete)
1	790444	Pendant, 140mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798163	Sub Assembly, Target
	798690	Target Ass'y, 140mm-270mm, #18 (complete)
1	790444	Pendant, 140mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798171	Sub Assembly, Target
	798702	Target Ass'y, 140mm-270mm, #19 (complete)
1	790444	Pendant, 140mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798180	Sub Assembly, Target
	798710	Target Ass'y, 140mm-270mm, #20 (complete)
1	790444	Pendant, 140mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798198	Sub Assembly, Target
	798729	Target Ass'y, 180mm-310mm, #21 (complete)
1	790452	Pendant, 180mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798200	Sub Assembly, Target
	798737	Target Ass'y, 180mm-310mm, #22 (complete)
1	790452	Pendant, 180mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798219	Sub Assembly, Target
	798745	Target Ass'y, 220mm-350mm, #23 (complete)
1	790460	Pendant, 220mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798227	Sub Assembly, Target

Ref.	Part No.	Description
	798753	Target Ass'y, 220mm-350mm, #24 (complete)
1	790460	Pendant, 220mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798235	Sub Assembly, Target
	798761	Target Ass'y, 260mm-390mm, #25 (complete)
1	790479	Pendant, 260mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798243	Sub Assembly, Target
	798770	Target Ass'y, 260mm-390mm, #26 (complete)
1	790479	Pendant, 260mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798251	Sub Assembly, Target
	798788	Target Ass'y, 300mm-430mm, #27 (complete)
1	790487	Pendant, 300mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798260	Sub Assembly, Target
	798796	Target Ass'y, 300mm-430mm, #28 (complete)
1	790487	Pendant, 300mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798278	Sub Assembly, Target
	798809	Target Ass'y, 340mm-470mm, #29 (complete)
1	790495	Pendant, 340mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798286	Sub Assembly, Target
	798817	Target Ass'y, 340mm-470mm, #30 (complete)
1	790495	Pendant, 340mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798294	Sub Assembly, Target
	798825	Target Ass'y, 340mm-470mm, #31 (complete)
1	790495	Pendant, 340mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798307	Sub Assembly, Target
	798833	Target Ass'y, 340mm-470mm, #32 (complete)
1	790495	Pendant, 340mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798315	Sub Assembly, Target

Target Assemblies (Nos. 1 - 40) continued...

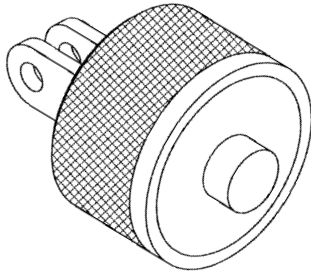
Ref.	Part No.	Description
	798841	Target Ass'y, 380mm-510mm, #33 (complete)
1	790516	Pendant, 380mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798323	Sub Assembly, Target
	798850	Target Ass'y, 380mm-510mm, #34 (complete)
1	790516	Pendant, 380mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798331	Sub Assembly, Target
	798868	Target Ass'y, 380mm-510mm, #35 (complete)
1	790516	Pendant, 380mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798340	Sub Assembly, Target
	798876	Target Ass'y, 380mm-510mm, #36 (complete)
1	790516	Pendant, 380mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798358	Sub Assembly, Target
	798884	Target Ass'y, 430mm-510mm, #37 (complete)
1	790517	Pendant, 430mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798366	Sub Assembly, Target
	798892	Target Ass'y, 430mm-510mm, #38 (complete)
1	790517	Pendant, 430mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798374	Sub Assembly, Target
	798905	Target Ass'y, 480mm-510mm, #39, (complete)
1	790518	Pendant, 480mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798382	Sub Assembly, Target
	798913	Target Ass'y, 480mm-510mm, #40 (complete)
1	790518	Pendant, 480mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798390	Sub Assembly, Target

Target Assemblies (Nos. 41 - 45)...

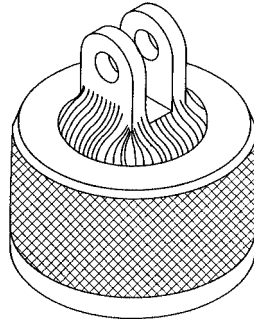


Ref.	Part No.	Description
	798921	Target Ass'y, 20mm-95mm, #41 (compl.)
1	790401	Pendant, 20mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798403	Sub Assembly, Target
	798930	Target Ass'y, 20mm-95mm, #42 (compl.)
1	790401	Pendant, 20mm
2	796221	Stud (Set Screw), 8-32NC x .75 Lg.
3	798411	Sub Assembly, Target
	798948	Target Ass'y, 100mm, #43, Left (compl.)
1	796096	Screw, 4-40 x 1/2" HSHCS, Bl.
2	798420	Sub Assembly, Target
	798956	Target Ass'y, 100mm, #44, Right (compl.)
1	796096	Screw, 4-40 x 1/2" HSHCS, Bl.
2	798438	Sub Assembly, Target
	798964	Target Ass'y, 100mm, #45, Center (compl.)
1	796096	Screw, 4-40 x 1/2" HSHCS, Bl.
2	798446	Sub Assembly, Target

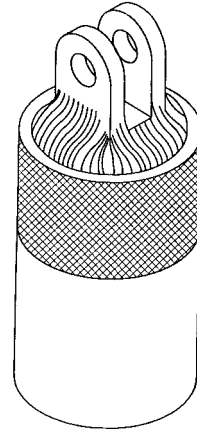
Magnetic Hole Attachment



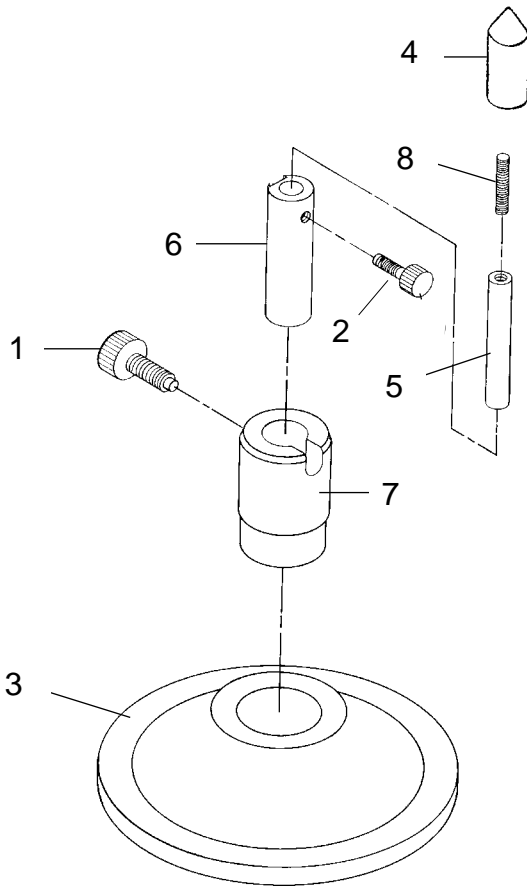
Magnetic Bolt Attachment



Threaded Bolt Attachment

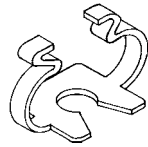


Target Base

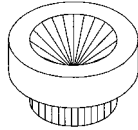


Ref.	PartNo.	Description
		Magnetic Hole Attachment
	611741	Hole Attachment, Magnetic
		Magnetic Bolt Attachment
	780100	Bolt Attachment, Magnetic, 10mm
	780101	Bolt Attachment, Magnetic, 13mm
	780102	Bolt Attachment, Magnetic, 14mm
	780103	Bolt Attachment, Magnetic, 15mm
	780104	Bolt Attachment, Magnetic, 16mm
	780105	Bolt Attachment, Magnetic, 17mm
	780106	Bolt Attachment, Magnetic, 18mm
	780107	Bolt Attachment, Magnetic, 19mm
	780108	Bolt Attachment, Magnetic, 21mm
	780109	Bolt Attachment, Magnetic, 24mm
		Threaded Bolt Attachment
	780112	Bolt Attachment, Threaded, 13mm
	780113	Bolt Attachment, Threaded, 14mm
	780114	Bolt Attachment, Threaded, 15mm
	780115	Bolt Attachment, Threaded, 18mm
	780116	Bolt Attachment, Threaded, 21mm
	780117	Bolt Attachment, Threaded, 24mm
	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, Outer, 13mm x 50mm
7	790233	Cylinder, Outer, 25mm x 45mm
8	796221	Set Screw, Hex Socket, 8-32NC x .75 Lb.

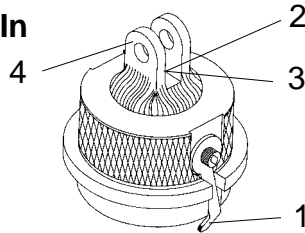
Bottom Hole Clip



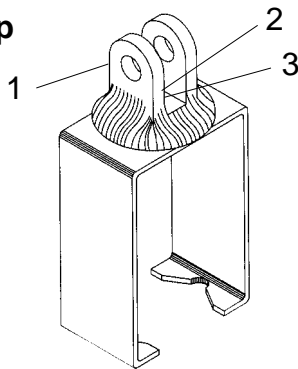
Bolt Hole Cap



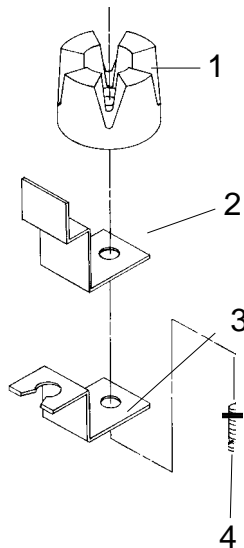
Aluminum Snap-In



Nylon Bolt Clip



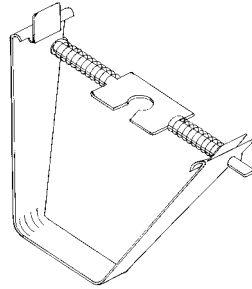
Magnetic Attachment



Ref.	Part No.	Description
		Bottom Hole Clip
	792271	Clip, Bottom Hole, 5-10mm
		Bolt Hole Cap
	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
		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.
	798972	Magnetic Attachment (complete)
1	629010	Magnet
2	790102	Holder, Magnetic Attachment
3	790110	Guide, Magnetic Attachment
4	790678	Pop Rivet, 1/4", Multi-Grip, AD-828

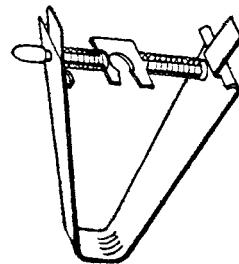
Hole Attachment - Metal

(Optional)



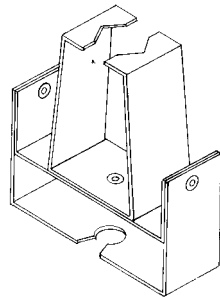
Extruded Hole Attachment - Metal

(Optional)



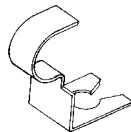
Bolt Attachment - Metal

(Optional)



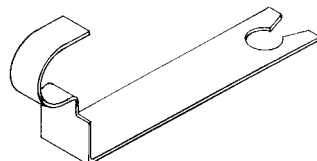
Side Hole Clip - Metal

(Optional)



Extended Side Hole Clip - Metal

(Optional)



Part No.	Description
	Hole Attachment (Optional)
798980	Attachment, Hole, 9 - 25mm
798999	Attachment, Hole, 20 - 45mm
799000	Attachment, Hole, 40 60mm
	Extruded Hole Attachment (Optional)
799019	Attachment, Extruded Hole, 9 - 25mm
799027	Attachment, Extruded Hole, 20 - 45mm
	Bolt Attachment (Optional)
799035	Attachment, Bolt, 10 - 20mm
799043	Attachment, Bolt, 15 - 25mm
799051	Attachment, Bolt, 25 - 35mm
	Side Hole Clip, (Optional)
790188	Clip, Side Hole, 23mm
790196	Clip, Side Hole, 35mm
	Side Hole Clip, Extended (Optional)
790330	Clip, Side Hole, Extended, 23 x 50mm
790372	Clip, Side Hole, Extended, 35 x 50mm



P.O. Box 1368
Grand Island, Nebraska 68802-1368
PH 308-384-9747
FAX 308-384-8966

**Chief reserves the right to alter product specifications
and/or package components without notice.**