



PARTS & INSTALLATION INSTRUCTIONS MEYER SNOW PLOW MOUNTING for 1988 & LATER CHEVROLET and GMC K SERIES (GMT-400) 4 x 4 MODELS IMPORTANT NOTICE

End user must be given this instruction sheet prior to delivery of this snow plow.

The equipment you have purchased should only be used on vehicles equipped with the manufacturer's snow plow preparation packages. Snow plowing without the original snow plow preparation package may damage your vehicle and the added weight of the equipment may impair the operation and control of the vehicle. Snow plowing with a vehicle that the manufacturer does not recommend for that purpose may void your new vehicle warranty. If your vehicle is not originally equipped with the snow plow preparation package, additional parts may be necessary before snow plowing. Owners of these vehicles should consult their dealers before purchase or installation of such parts. **CAUTION:** The installation, on any vehicle, of these parts is not a full substitute for the original equipment snow plow preparation package. General Motors recommends that all K Series 4x4 vehicles used for snow plowing have optional front suspension F-60. In addition, short wheelbase and extended cab vehicles should also have Heavy Duty Chassis option F-44.

WARNING: Lift arm extends beyond burniper of vehicle. To minimize damage from a front-end collision. Lift arm should be removed from vehicle when snow plow is not in use.

PARTS LIST							
<u>l</u> tem	em Part No. Quai		antity	Description			
 1 2 3 4 5 6 7 8	17084 11069 11075 11080 11085 11093 11091 11092 10514		1 1 1 1 1 4 2 2	• Lit • Cl • Cl • Lit • Bu • Tri • Tri	it Frame evis Fra evis Sup it Hoop	me oport xtension Plate it	
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	08569 22086 20096 20094 20095 20140 20144 20147 20164 20312 20307 20309 20310 22084 20355 20359 21101 22085 10797 11090 11095 11094 21976 05024 20025 20313 21400 20351 11214	1 6 4 8 2 4 1 2 6 6 6 14 7 6 6 6 14 2 2 2 2 2 2 4 2 2 2 2 2 2 1 2 2 2 2		** BBBBBLLLLHFFFSSSSCBBLSFF	• MOUNTING HARDWARE BAG • Bolt H 1/4-20 x 1" (Black Finish) • Bolt H 1/2-13 x 1-3/4" Gr. 5 • Bolt H 1/2-13 x 1-1/2" Gr. 5 • Bolt H 1/2-13 x 1-1/2" Gr. 5 • Bolt H 5/8-11 x 1-3/4" Gr. 5 • Bolt H 5/8-11 x 1-3/4" Gr. 5 • Bolt H 5/8-11 x 3-1/2" Gr. 5 • Bolt H 5/8-11 x 3-1/2" Gr. 5 • Bolt H 5/8-11 x 3-1/2" Gr. 5 • Bolt H 3/4-10 x 2" Gr. 5 • Locknut 1/2-13 • Locknut 1/2-13 • Locknut 1/2-13 • Locknut 3/4-10 • Hewnut 14mm • Flatwasher 1/2 • Flatwasher 1/2 • Flatwasher 3/4 • Self Tap Screw, #10 x 1/2" • Self Tap Screw, #10 x 1/2" • Spacer • Clip, Splash Pan • Bracket, Trim • Battery Connectors • Cable 36" • Bolt H 5/16-18 x 3/4" • Locknut 5/16-18 • Washer Int/Ext Tooth 5/16 • Flatwasher. 1/4		
	22103 11" Sect	<u></u>	1 151	Nylon Spacer Bolt H M8x1.25x50mm 5" Sector			
Item	Part No.				Qty.	Description	
30	16288 12326 13306 07017 09916	1 1 1 3	06249 12793 13319 07017 09916 08341 09119 11101 21984 09125 09124		1 1 1 4 1	SECTOR & A-FRAME CARTON Sector A-Frame Trip Spring Snow Plow Marker Kit	
31 32	08166 09119 11101 21984 09122 09124	1 2 2 2 1 3			1 2 2 2 1 4	PLOW HARDWARE BAG Pivot Pin w/Cotter Pin Hinge Pin Hair Pin Cotter King Bolt w/Locknut Eye Bolt w/Locknut	

Parts indented are included in the carton, bag or assembly under which they are indented

When ordering parts furnish Part No., Name and Description. Also furnish Vehicle Model and Year, Type of Hydraulic Unit and Moldboard Size.

Meyer Products reserves the right, under its continuing product improvement program, to change construction or design details, specifications and prices without notice or without incurring any obligation.



GENERAL INFORMATION

CAUTION: Always disconnect battery before beginning installation.

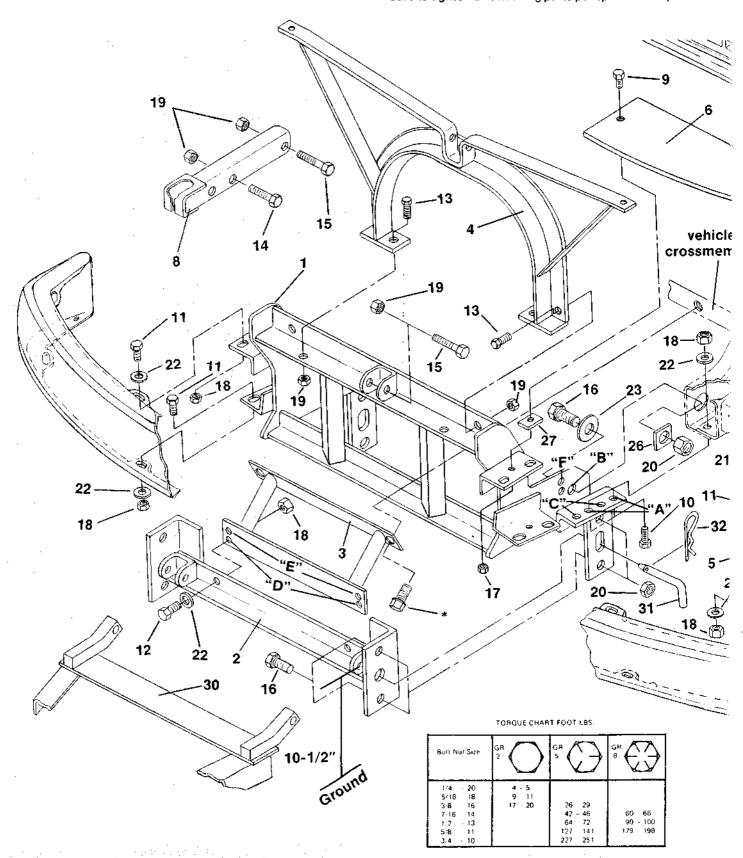
CAUTION: When drilling holes in vehicle frame, move brake lines and electrical wiring from path of drill. Brake lines must be clear of fasteners.

DO NOT burn holes or weld vehicle frame. This may cause frame failure.

After first use retighten all mounting bolt connections to specified torque. All mounting bolt connections to be checked periodically for tightness.

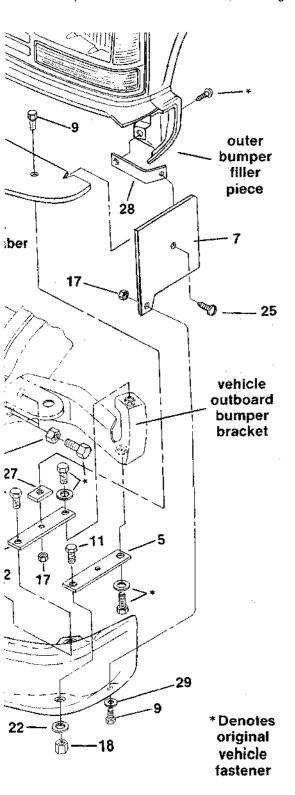
Check contents against the parts list to determine all are correct and included; and also to familiarize yourself with them.

Locknuts are furnished. Do not tighten bolts and nuts until installation is complete (unless otherwise specified), then be sure to tighten all attaching parts per specified torque chart.



INSTALLATION INSTRUCTIONS

A. Before removing the front bumper it is necessary to remove the marker lights and grill in order to gain access to upper bumper botts. The number of screws involved in removal of the grill varies from 12 to 16, depending on trim level and number of headlights. IMPORTANT: Before the bumper is removed from the vehicle, steps must be taken to protect the outer bumper filler piece that sits inside the ends of the bumper. Cardboard or heavy cloth must be put on these pieces so the inside edge of the bumper does not scratch them while being removed.



- B. After the grill is removed, remove the top 4 bumper bracket bolts then the bottom 4 bumper bracket bolts. Slide bumper to one side and pull away from vehicle. Slide to opposite side and remove other end from vehicle.
- C. Remove bumper brackets from end of vehicle frame and place in cab. Reinstall bumper bracket bolts using 14mm Hexnuts (21). Tighten to 90 lb. ft. Remove splash pan and retain fasteners.
- D. Reinstall grill and marker lights.
 Before proceeding, refer to supplement 1-622S
- E. Attach Lift Frame (1) to truck frame at holes "A" using 1/2 x 1-3/4" Bolts (10), Flatwashers (22) and Locknuts (18) and at hole "B" using 3/4 x 2" Bolt (16), Flatwasher (23), Spacer (26) and Locknut (20). For K-30 trucks use holes "C" and "B".
- F. Install Clevis Frame (2) to Lift Frame (1) using 3/4 x 2" Bolts (16) and Locknuts (20).
- G. Cut mounting ears off front of splash pan. Mount supplied clip to splash pan using #10 x 1/2" Screws (24). They should be placed similarly to the original ears, but be 3/8" in from the original ears location. Reattach front of splash pan to vehicle using original vehicle fasteners.
- H. Swing the rear of the splash pan into position and place the Clevis Support (3) against it. Secure both pieces to vehicle crossmember using original vehicle splash pan bolts. Secure front of Clevis Support (3) to Clevis Frame (2) using 1/2 x 1-1/2" Bolts (12), Flatwashers (22) and Locknuts (18). Use holes "D" in Clevis Support (3) except for K-30 trucks which use holes "E".
- Attach Lift Hoop (4) to Lift Frame (1) using 5/8 x 1-3/4" Bolts (13) and Locknuts (19). Push back on Clevis Frame (2) while pulling forward on Lift Hoop (4) and tighten all fasteners to proper torque.
- J. Before installing bumper, remove the bolt from the front of the body filler piece and using the same bolt, sandwich Trim Bracket (28) between Tinnerman nut and body filler piece.
- K. Mount the Bumper Extension Plates (5) to the vehicle's outboard bumper brackets using original vehicle bolts and flatwashers.
- L. Attach bumper to Lift Frame (1) and Bumper Extension Plates (5) using 1/2 x 1-1/4" Bolts (11), Flatwashers (22) and Locknuts (18).
- M. Install Front Trim Piece (6) using 1/4 x 1" Bolts [Black Finish] (9) and Locknuts (17). Be certain Spacers (27) are placed underneath so Trim Pieces (6) are raised to proper height. Attach Side Trim (7) to previously installed Trim Bracket (28) using #10 x 1" Black Finish Self-Tapping Screws (25), 1/4 x 1" Bolts (9), 1/4 Flatwasher (29) and 1/4 Locknut (17).
- N. Attach Lift Arm (8) to Lift Frame (1) using 5/8 x 3-1/2" Bolts (15) and Locknut (19). Mount E-47 unit to Lift Frame with 5/8 x 3-1/2" Bolt (15) and Locknut (19) and to Lift Arm (8) using 5/8 x 2-3/4" Bolt (14) and Locknut (19).
- O. This step not needed with newer plug-in type power cables. Install hydraulic system per separate instructions. Extend the length of the ground cable furnished with the power pack, so it can be attached to the negative battery terminal, by joining two cables together with 5/16 x 3/4 bolt, 5/16 locknut and 5/16 int. ext. tooth washer between the cable terminals. Completely insulate the connection with tape.
 - P. Assemble moldboard to sector and A-frame (30) per separate instructions.
 - Connect A-frame (30) to Clevis Frame (2) using hinge pins (31) and hair pin cotters (32).
 - R. Attach A-frame chain to lift arm (8) allowing sufficient slack to enable moldboard to follow ground contour while plowing.

NOTICE: Meyer Products assumes no responsibility for installations not made in accordance with these instructions.