

PARTS & INSTALLATION INSTRUCTIONS

MEYER SNOW PLOW MOUNTING

1996 GMC W4 & ISUZU NPR

IMPORTANT NOTICE

End user must be given this instruction sheet prior to delivery of this Snow Plow.

The equipment you have just 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 to 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 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.

Warning: Lift Arm extends beyond bumper of vehicle. To minimize damage from a front-end collision, Lift Arm should be removed from vehicle when Snow Plow is removed.

PARTS LIST

Item	Part No.	Qty.	Description
	17107	1	Mounting Carton
1	11570	1	• Lift Frame
2	11571	1	• Bumper Angle
3	11573	1	• Side Member L.H.
4	11574	1	• Side Member R.H.
5	11572	2	• Stiffener
6	10346	2	• Light Bracket
7	10514	1	• Lift Arm
	08682	1	• Hardware Bag
8	11581	2	•• Plate
9	20094	2	•• Bolt H 1/2-13 x 1-1/4" Gr.5
10	20028	4	•• Bolt H 5/16-18 x 1-1/4" Gr.
11	20141	4	•• Bolt H 5/8-11 x 2" Gr. 5
12	20144	1	•• Bolt H 5/8-11 x 2-3/4" Gr. 5
13	20146	2	•• Bolt H 5/8-11 x 3-1/4" Gr. 5
14	22158	6	•• Bolt H M10 x 1.25P x 40mm
15	20307	2	•• Locknut Esna 1/2-13
16	20313	4	•• Locknut Esna 5/16-18
17	20309	7	•• Locknut Esna 5/8-11
18	20327	6	•• Lockwasher 3/8
19	20353	6	•• Flatwasher 3/8
20	20357	4	•• Flatwasher 5/8
21	07029	2	•• Clevis Pin
22	10958	2	•• Hinge Pin
23	21984	2	•• Hair Pin Cotter
24	22083	2	•• Linch Pin
	16478	1	Sector - A-Frame Carton
	12326	1	• Sector
25	13304	1	• A- Frame
	07017	3	• Trip Spring
	09916	1	• Marker Kit
	08166	1	• Snow Plow Hardware Bag
	09119	2	•• Pivot Pin w/Cotter
26	11101	2	•• Hinge Pin
27	22083	2	•• Linch Pin
	09122	1	•• King Bolt w/Locknut
	09124	3	•• Eye Bolt w/Locknuts

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.

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.

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.

NOTE: It is important that the Meyer harness, all wires from the Meyer light switch, and all other electrical wires be routed around hot or moving engine parts, and any sharp metal. Protection must be provided to guard against wire damage at these points. All excess or loose wires must be neatly secured using wire ties.

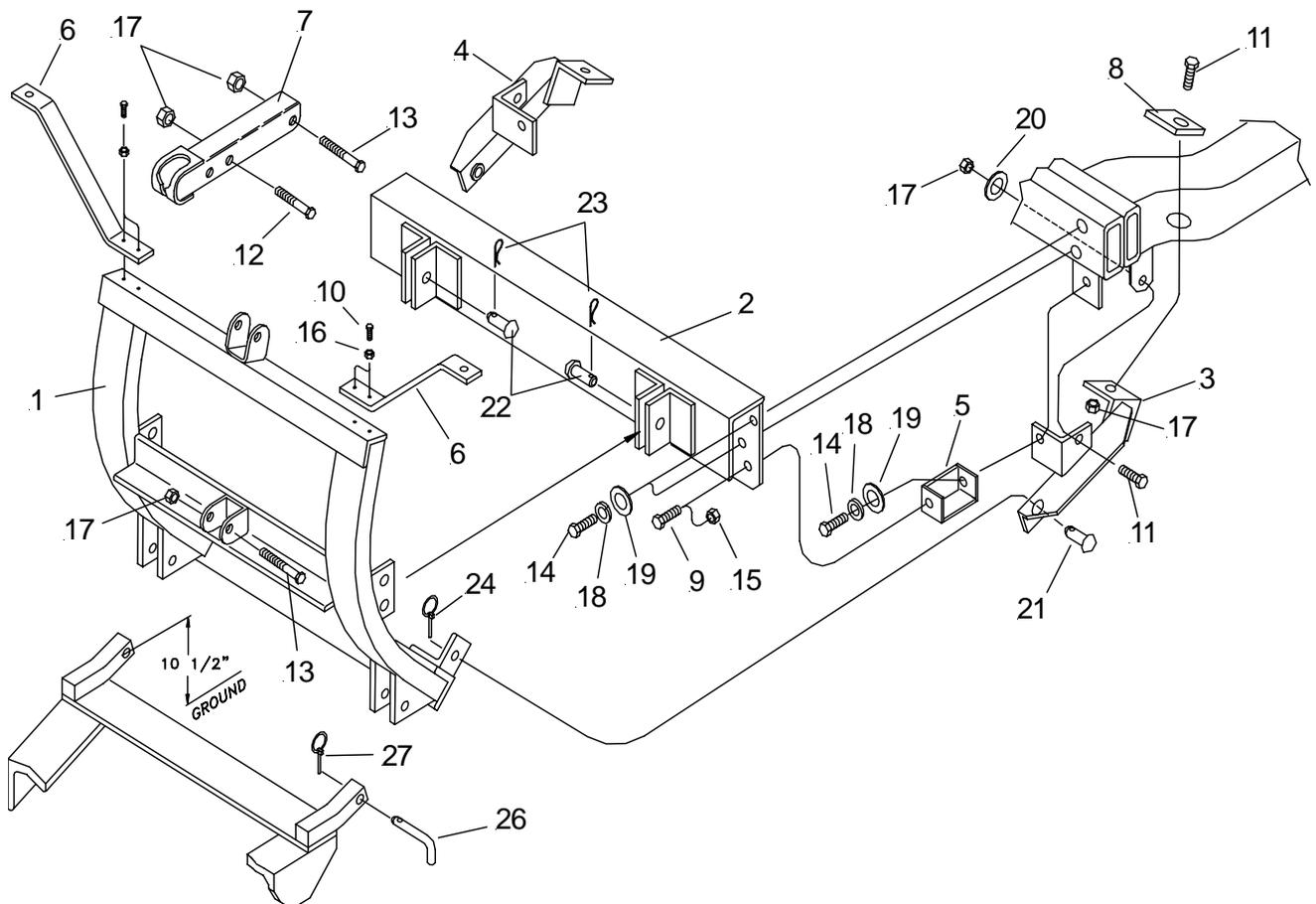
Check contents against the parts list to determine all are correct and included, and also to familiarize yourself with them.

SAFETY PRECAUTIONS should be used when **Hydraulic Unit is in OPERATION** and plow is in a **RAISED** position. **Lower plow to ground when vehicle is PARKED.**

OVERHAUL and **SERVICE INFORMATION** are covered on separate instructions.

Follow these instructions explicitly. Warranty does not apply to a Meyer product which has been negligently or improperly assembled or installed.

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



INSTALLATION INSTRUCTIONS

- A. Remove Bumper. Retain hardware it will not be reused.
- B. Attach Bumper Angle (2) to vehicle using M10 x 1.25P x 40mm bolt (14), flatwasher (19) and lockwasher (18).
- C. Attach Side Members (3 & 4) to Towhook using 5/8-11 x 2" bolt (11), flatwasher (20) and locknut (17).
- D. Insert Flat Plate (8) on inside of bottom flange of vehicle frame rail at large diameter hole. Attach Side Members (3 & 4) to bottom flange using 5/8-11 x 2" bolt (11), 5/8 locknut (17).
- E. Position Stiffener (5) between Bumper Angle (2) and Side Member (3 & 4). Attach Stiffener (5) to bumper Angle using 1/2-13 x 1-1/4" bolt (9) and locknut (15). Attach Stiffener (5) to Side Members using M10 x 1.25P x 40mm bolt (14), flatwasher (19) and lockwasher (18).
- F. Attach Lift Frame (1) to Bumper Angle (2) using Hinge Pins (22) and Hairpin Cotter (23).
- G. Attach Lift Frame (1) to Side Members using Linch Pins (24) and (Clevis Pins (21).
- H. **IMPORTANT:** Once installation is complete, verify that mounting pieces do not interfere with full movement of steering or suspension and cannot make contact with any engine components or accessories.
- I. Install Plow Light wiring and Lights per separate instructions.
- J. Attach Lift Arm (7) to Lift Frame (1) using 5/8-11 x 3-1/4" bolt (13) and locknut (17).
- K. Install Hydraulic unit wiring per separate instructions.
- L. Install Hydraulic Unit to Lift Frame (1) using 5/8-11 x 3-1/4" bolt (13) and locknut (17). and to the inner hole of Lift Arm using 5/8-11 x 2-3/4" bolt (12) and locknut (17).
Note: "H" Units should not be used with this Mounting.
- M. Pre-Assemble Moldboard Assembly, A-Frame (25), Sector, ect., per separate instructions.
- N. Connect the A-Frame (25) to the Lift Frame (1) using Hinge Pins (26) and Linch Pins (27).
- O. Hook the A-Frame chain to the Lift Arm (7) allowing sufficient slack to enable the Moldboard to follow ground contour while plowing.

TORQUE CHART FOOT LBS.

Bolt Nut Size	Gr. 2 	Gr. 5 	Gr. 8 
1/4 - 20	4 - 5		
5/16 - 18	9 - 11		
3/8 - 16	17 - 20		
7/16 - 14		26 - 29	
1/2 - 13		42 - 46	
5/8 - 11		127 - 141	60 - 66
3/4 - 10		227 - 251	179 - 198

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