








PARTS & INSTALLATION INSTRUCTIONS
EZ MOUNT CLASSIC™
SNOW PLOW MOUNTING 18119DP
2007 & Later JEEP (JK) WRANGLER
4x4 MODELS
NON-COMMERCIAL for PERSONAL USE ONLY

End user must be given this instruction sheet prior to delievery of this Snow Plow.
SAFETY DEFINITIONS



	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	DANGER Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
	WARNING Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION Indicates an potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, will result in property damage.

IMPORTANT NOTICE

In conjunction with FMVSS (Federal Motor Vehicle Safety Standards) and OEM (Original Equipment Manufacturer) guidelines, Meyer Products has designed this plow package with the following guidelines:

	Installation of a snowplow may effect your new vehicle warranty. For more information consult your Vehicle Owner's Manual / Vehicle Dealer.
	The vehicle must not be operated when overloaded. In all cases, the loaded vehicle weight, including the entire snowplow system, all aftermarket accessories, driver, passenger, options, nominal fluid levels, and cargo must not exceed the front/rear Gross Axle Weight Rating (GAWR), and total Gross Vehicle Weight Rating (GVWR). These weights ratings are specified on the safety compliance certification label on the driver's side door opening. The use of rear ballast weight may be required to prevent exceeding the front GAWR.



According to the NHTSA (National Highway Traffic Safety Administration) new and untitled vehicles need to be verified by the installer that snowplow and ballast (if needed) do no exceed the front/rear GAWR and total GVWR.

	 Read the Meyer Owner's Manual before operating or servicing a snowplow. FOLLOW THESE INSTRUCTIONS EXPLICITLY.
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GENERAL INFORMATION

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

	Warranty does not apply to a Meyer or Diamond product which has been negligently or improperly assembled or installed.
	CAUTION: To avoid harm to vehicles electrical system always disconnect battery before beginning installation. DO NOT BURN holes or WELD vehicle frame. This may cause frame failure.

OVERHAUL and SERVICE INFORMATION are covered on separate instructions.

Meyer Products and Diamond Equipment 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.

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PARTS LIST




ITEM	PART NO.	QTY	DESCRIPTION
	18119DP	1	MOUNTING CARTON
1	11550	1	• Clevis Frame
2	19811	2	• Side Plate L.H. & R.H.
3	11554	2	• Plate.
4	10514	1	• Lift Arm
-	12959	1	• Pivot Bar (Not Shown)
-	13778	1	• A-Frame (Not Shown)
-	12978	2	• Trip Springs (Not Shown)
5	11462	2	• Receiver Tube Caps
-	08886	1	• Hardware Bag
6	11006	2	•• Hinge Pin
7	14595	2	•• Special Bolt 3/4"
8	19816	2	•• Sleeve
9	19819	6	•• Spacer
10	20141	6	•• Bolt H 5/8 -11 x 2" Gr. 5
11	20144	1	•• Bolt H 5/8 -11 x 2-3/4" Gr.5
12	20146	2	•• Bolt H 5/8 -11 x 3-1/4" Gr.5
13	20153	4	•• Bolt H 5/8 -11 x 5 1/2" Gr. 5
14	20309	13	•• Locknut Esna 5/8 -11
15	20333	2	•• Lockwasher 3/4"
16	20357	8	•• Flatwasher 5/8"
17	20531	2	•• Nut 3/4-10
18	21984	2	•• Hair Pin Cotter
19	11545	1	LIFT FRAME (Tubular)
-	08156	1	SNOW PLOW HARDWARE BAG
-	08852	1	SNOW PLOW MARKER KIT

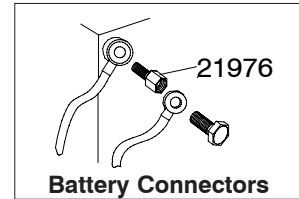
IMPORTANT

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

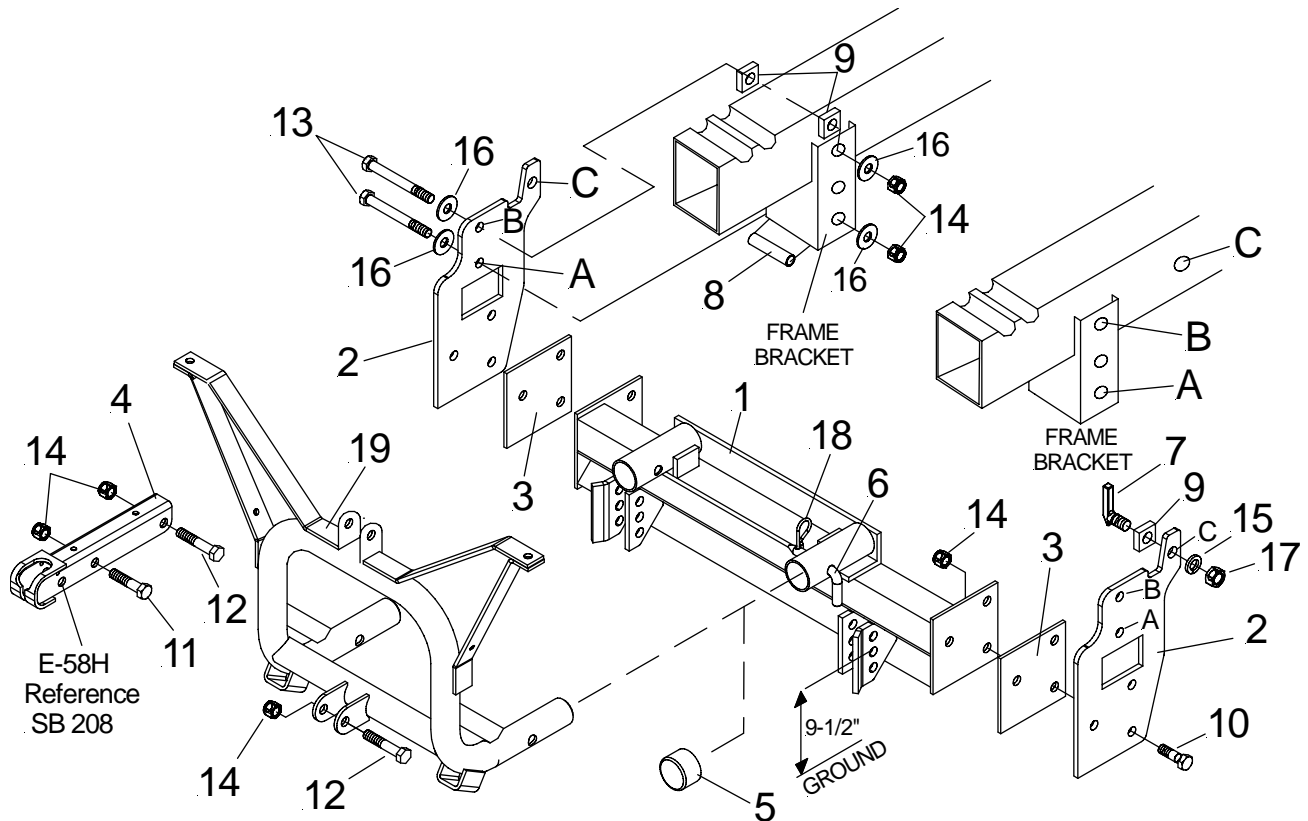
Locknuts are furnished **DO NOT** tighten bolts and nuts until installation is complete (unless otherwise specified), then be sure to tighten all attaching parts per specified torque chart.

TORQUE CHART FOOT - LBS.

Bolt Nut Size	Gr. 	Gr. 	Gr. 
1/4 - 20	4 - 5		
5/16 - 18	9 - 11		
3/8 - 16	17 - 20	26 - 29	
7/16 - 14		42 - 46	60 - 66
1/2 - 13		64 - 72	90 - 100
5/8 - 11		127 - 141	179 - 198



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



INSTALLATION INSTRUCTIONS

- A. Remove air dam. Retain It will not be reinstalled.
- B. Unplug light harness in bumper.
- C. Remove bumper.
- D. Temporarily mount Driver and Passenger Side Plate (2) using 5/8-11 x 5-1/2" bolt (13) at hole "A".
- E. Temporarily Mount clevis Frame (1) and plates (3) to Side Plates (2) using 5/8-11 x 2" bolt (10).
- E. With side plates flat and square to the vehicle frame. Use Side Plates (2) as a template, scribe vehicle frame at hole locations B & C per illustration.
- F. Remove assembly from vehicle frame.
- G. At hole location "B" drill a 11/16" hole.
Caution: Remove wiring harness anchors. Be sure to move wiring harness out of the way when drilling holes.
- G. At hole location "C" drill a 13/16" hole.
Note: Expand hole "C" in one direction to allow room for handle of special "J" bolt (7) to fit in to frame.
- H. Enlarge hole "A" on outside of frame bracket only. Reaming hole to 15/16" diameter for sleeve (8).
- I. Install Sleeve (8) in hole "A" on the driver side.
- J. Install special "J" bolt (7), spacer (9) at upper hole "C".
- K. Slide spacers (9) down into frame bracket as shown.
- L. Install side plate (2) onto driver's side of vehicle frame. Make sure that special "J" bolt with spacer (9) comes through side plate. Attach using lockwasher (15) and locknut (17). Attach front of side plate (2) using 5/8-11x 5-1/2" bolts (13), flatwasher (16) and locknut (14). Do not tighten at this time.

Follow the same procedure when installing Passenger Side Plate (2).

- M. Assemble clevis frame (1), plate (3) to side plates (2) using 5/8-11 x 2" bolt (10), locknut (14). Do not tighten at this time.

Note: Before tightening the fasteners, the clevis frame should be pushed as far as possible under vehicle.

- N. Tighten all fasteners to their proper torque. Tighten bolts in the same order they were assembled to the vehicle.
- O. Install Lift Frame (19) into the tubes on the Clevis Frame (1) using Hinge Pins (6) and Hair Pin Cotter (18).

Note: Before installing Lift Frame tubing to Clevis Frame, liberally coat ends of Lift Frame with chassis grease / Anti-sieze lubricant.

Install plow light wiring per separate instructions .

- P. Install lights making certain there is clearance behind the lights for opening the vehicle hood. Lights must be aimed to comply with Federal Regulations.
- Q. Attach Lift Arm (4) to Lift Frame (19) using 5/8-11 x 3-1/4" Bolt (12) and Locknut (14). Mount the Hydraulic Unit to Lift Frame using 5/8-11 x 3-1/4" Bolt (12), and to Lift Arm (4) using 5/8-11 x 2-3/4" Bolt (11) and Locknut (14).

NOTE: When the Lift Frame module (19) is removed from the vehicle, the insides of the Clevis Frame (1) Receiver Tubes and outside ends of the Lift Frame should be coated with chassis grease / anti-seize lubricant and the protective Receiver Tube Caps (5) installed over the clevis frame receiver tubes. Meyer Products assumes no responsibility for installations not made in accordance with these instructions.

Install Electro-Touch wiring system per separate instructions .

Install Moldboard Assembly per separate instructions.

VEHICLE RECOMMENDATIONS

WARNING
<ul style="list-style-type: none"> A ballast weight may be required to prevent front GAWR overloading. If required, ballast must be securely attached at least 24 inches behind the rear axle. Front end wheel alignment and headlight aim may require readjustment after installation of equipment, and is the responsibility of the equipment installer. Failure to adjust front wheel alignment may cause premature uneven tire wear. If required, reset to chassis manufacture's specifications found in the Shop Manual.

THE FOLLOWING INFORMATION IS BASED ON DRIVER AND PASSENGER WEIGHT AT 150 LBS EACH.

MOLBOARD SIZE	DRIVER ONLY 150 LBS	DRIVER & ONE PASSENGER 300 LBS
COUNTER WEIGHT REQUIRED		
TM 6.5	N/A	200 LBS
TMP 6.5	50 LBS	270 LBS
TMP 7.0	190 LBS	400 LBS

4. Summary

The snowplough retaining device to be fitted onto N1 category vehicles, the specimen presented and tested, and the further types presented as per the documentation, are compliant in terms of design and safety.

The salt spreader retaining device to be fitted onto N1 category vehicles, the specimen presented and tested, and the further types presented as per the documentation, are compliant in terms of design and safety.

The snowplough retaining devices can be installed onto motor vehicles of the following types:

Car type	Meyer Classic	
	Type Cod	Year
Toyota Hilux (since 2005)	18092	2005-2009
Toyota Hilux (1997-2005)	18091	1997-2005
Mitsubishi L200 (1987-2006)	18090	1997-2005
Nissan NP 300 (1998-2005)	18111	1998-2005
Ford Ranger (since 1998-2006)	18099/1811	1999-
Mazda B2500 (1998-2006)	18099/1811	1993-
Jeep Wrangler TJ (1997-2006)	18080	1997-
Jeep Wrangler JK (since 2007)	18119	2007-
Land Rover Deffender (1990-1994)	18096	1990-1994

Installation of the snowplough retaining device leaves the width and length of the vehicle unchanged.