

## PARTS & INSTALLATION INSTRUCTIONS

### MDII™ and EZ MOUNT PLUS™

#### SNOW PLOW MOUNTING 17200






#### 2019 & LATER DODGE RAM

#### 2500/3500 4x4 MODELS

Vehicle must be equipped with the Snow Plow Preparation Package AHD



End user must be given this instruction sheet prior to delivery 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.
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	CAUTION: To avoid harm to vehicle electrical system always disconnect battery before beginning installation. DO NOT BURN holes or WELD vehicle frame. This may cause frame failure.
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OVERHAUL and SERVICE INFORMATION are covered on separate instructions.

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.

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

## PARTS LIST

ITEM	PART NO.	QTY.	DESCRIPTION
	17200	1	MOUNTING CARTON
1	19807	1	• Rear Brace Weldment
2	10587	1	• L.H. Sidemember
3	10588	1	• R.H. Sidemember
4	10219	2	• Support Angle
5	10222	2	• Spacer Plate
6	09023	1	• HARDWARE BAG
7	14595	2	•• Special Bolt 3/4"
8	20096	2	•• Bolt H 1/2-13 x 1-3/4" Gr. 5
9	20097	8	•• Bolt H 1/2-13 x 2" Gr. 5
10	20098	8	•• Bolt H 1/2-13 x 2-1/4" Gr. 5
11	20141	2	•• Bolt H 5/8-11 x 2" Gr. 5
12	20149	6	•• Bolt H 5/8-11 x 4" Gr. 5
13	20307	18	•• Locknut ESNA 1/2-13
14	20309	8	•• Locknut ESNA 5/8-11
15	20310	2	•• Locknut ESNA 3/4-10
16	20357	6	•• Flatwasher 5/8

## 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.

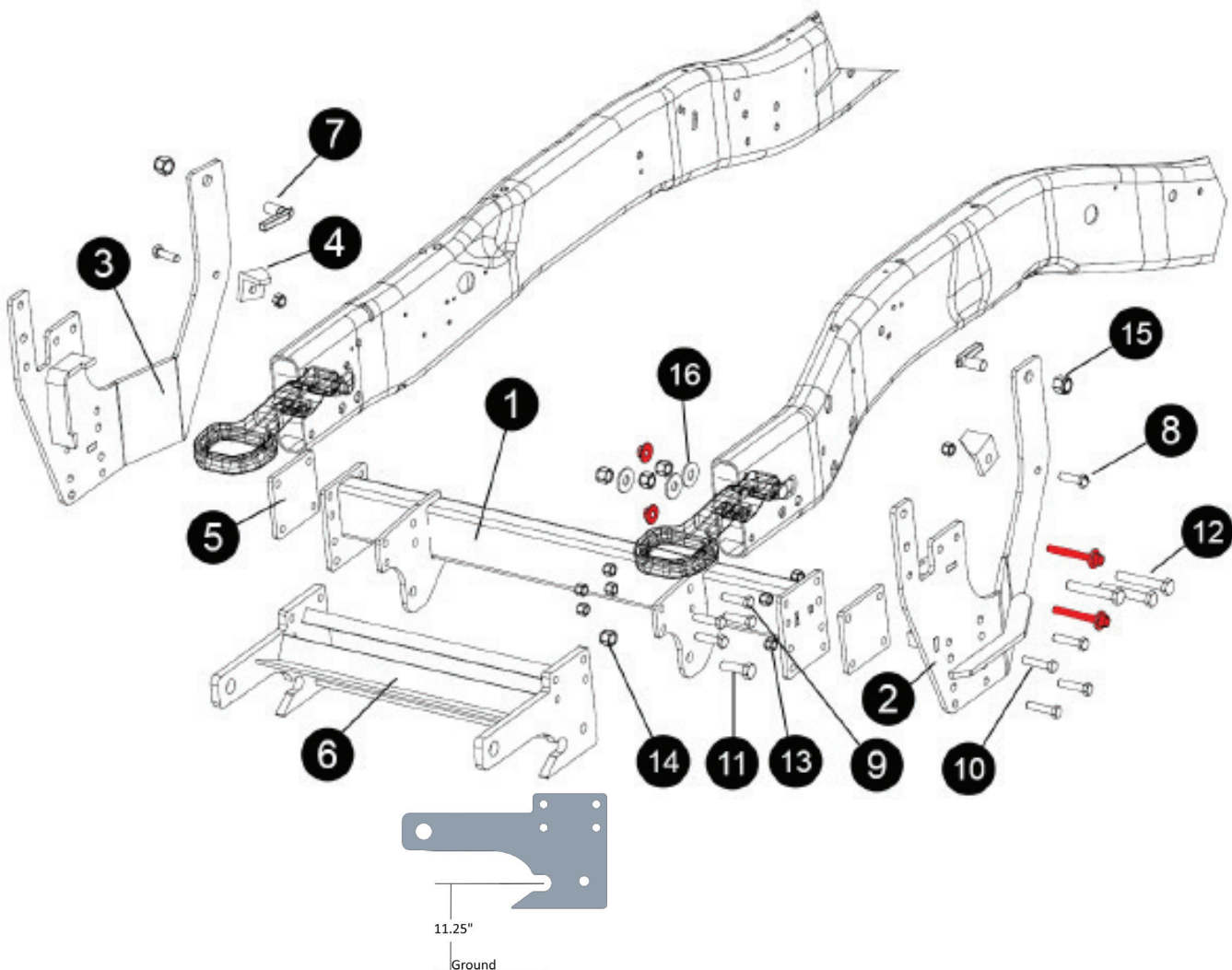
## NOTE:

THIS MOUNTING CARTON CAN BE USED WITH THE MDII OR EZ MOUNT PLUS CLF CARTONS.

## TORQUE CHART FOOT

Bolt Nut Size	Gr. 2	Gr. 5	Gr. 8
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	99-100
5/8-11		127-141	179-198

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



Note: RED highlighted hardware indicates OEM hardware already on the vehicle.

**⚠WARNING**

- 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.

**⚠WARNING**

- 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 Dodge Shop Manual.

Rear ballast is determined by weighing a vehicle's front and rear axles and adding weight behind the rear axle until front axle weight is under or equal to the vehicle specific front GAWR while not exceeding the rear GAWR and GVWR.

Vehicle option packages may vary. If in doubt, it is always a good idea to weigh the vehicle to ensure all weight ratings are not exceeded with plow in the raised position.

## INSTALLATION INSTRUCTIONS

- Remove vehicle bumper bolts and attach LH & RH sidemembers (2 & 3) to vehicle frame at bumper support holes using 1/2-13 x 2" bolts (11) and locknuts (13), snug bolts. Using the rear hole of LH & RH sidemembers (2 & 3) as a template, drill 1" diameter hole through the outside of the frame rail only for installation of special bolt (7). Install special bolt (7) and 3/4-10 Locknut (15). Attach Support Angle (4) to LH & RH Sidemembers (2 & 3) using 1/2-13 x 2" Bolt H (9) and 1/2-13 Locknut (13). See Figure 1. Follow procedure as described above for both sidemembers.
- Attach Rear Brace Weldment (1) and Spacer Plates (5 & 6) to LH & RH Sidemembers (2 & 3) using 1/2-13 x 2-1/4" Bolt H (10) and 1/2-13 Locknut (13)
- Attach Universal Clevis (6) to Rear Brace Weldment (1) using four 1/2-13 x 2" bolts (9), and 1/2-13 locknuts (13) on each side.
- Tighten bolts to the torque specified in the chart below. Tighten in the same order in which they were assembled to the vehicle.
- Install remaining snowplow hardware per separate instructions.

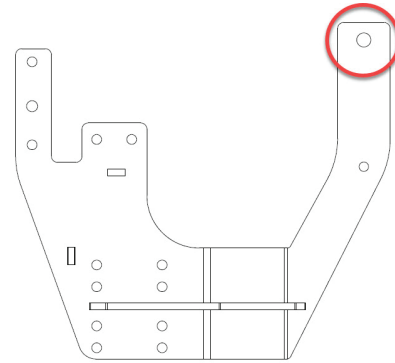


Figure 1 - RH Sidemember (3)

The sidemember can be used as a template to drill out the new hole in the frame.

## NOTE ON ADDITIONAL STEPS FOR TRUCK SIDE WIRING HARNESS

On 2019 and later models, additional wiring is needed to ensure proper operation of headlights.

A wiring harness, already on the vehicle, can be found underneath the fuse box. See Figure 2.

Locate the Black/Violet wire from the harness. This wire will need to be tied to the Violet wire of the the Truck Side Harness (Part 23059).



Figure 2 - Vehicle Harness