

PARTS & INSTALLATION INSTRUCTIONS

EZ MOUNT PLUS™






SNOW PLOW MOUNTING 17194

2014 & Later GMC and CHEVROLET C/K SERIES

K1500 SERIES 4x4 MODELS



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 vehicles 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.

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Single pull Drive Pro System

PARTS LIST

ITEM	PART NO.	QTY.	DESCRIPTION
	17194	1	MOUNTING CARTON
1	10300	1	• R.H. Side Member
2	10301	1	• L.H. Side Member
3	10521	1	• R.H. Rear Side Member
4	10328	1	• L.H. Rear Side Member
5	20023	2	• Spacer Plate
	08378	1	• HARDWARE BAG
6	14595	2	•• 3/4" Special Bolt
7	20095	1	•• Bolt H 1/2-13 x 1-1/2" Gr. 5
8	20097	6	•• Bolt H 1/2-13 x 2" Gr. 5
9	20141	2	•• Bolt H 5/8-11 x 2" Gr.5
10	20142	4	•• Bolt H 5/8-11 x 2-1/4" Gr.5
11	20175	2	•• Bolt H 3/4-10 x 5-1/2" Gr.5
12	20307	7	•• Locknut Esna 1/2-13
13	20309	6	•• Locknut Esna 5/8-11
14	20310	4	•• Locknut Esna 3/4-10
15	20359	2	•• Flatwasher 3/4"
16	22113	6	•• Bolt H M14-2 x 50mm Gr. 8.8
*	19943	1	Universal Lift Frame (Part of DP CLF Carton)

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

IMPORTANT

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

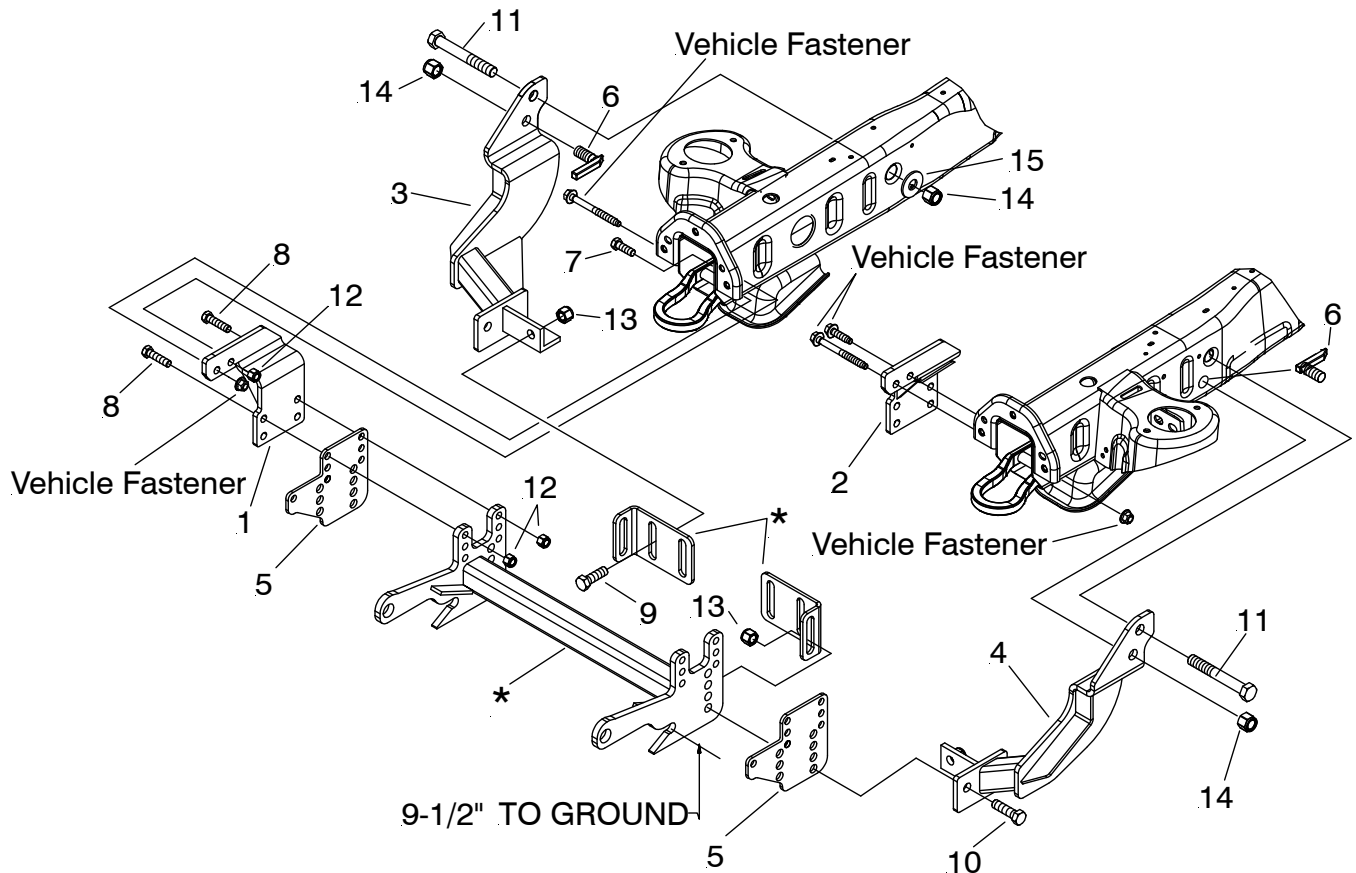
Locknuts are furnished **DO NOT** tighten bolts and nuts until installation is complete (unless otherwise specified), then be sure to tighten all attaching parts per specified torque chart.

TORQUE CHART FOOT

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	90 - 100
5/8 - 11		127 - 141	179 - 198

NOTE:

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



Single pull Drive Pro System

VEHICLE RECOMMENDATIONS

General Motors Corp.

General Motors recommends snowplow usage for only those trucks that have the option "VYU" Snow Plow Preparation Package.

General Motors recommends that when a snow plow is mounted that only one passenger should accompany the driver. More than one passenger may exceed front gross axle weight ratings.

⚠ 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 rear of the rear axle.
⚠ WARNING
<ul style="list-style-type: none"> 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 manufacturer's specifications found in the GM 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 front bumper. Retain all hardware.
- Remove tow hook bolts from the frame rail on both driver and passenger sides and remove left and right wishbones, Retain hardware. They will be reused.

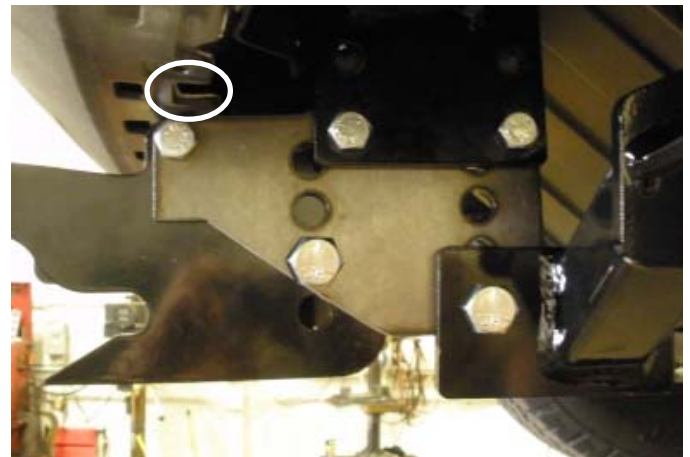
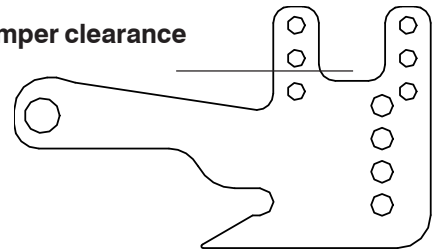


Wishbone

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

- Position LH & RH side mounts (1&2) on the inside of frame rails and align to where tow hook bolts were removed. Attach the side mounts using tow hook bolts with the tow hooks. At the rear hole on the passenger side, using the R.H. Side member (1) as a template, drill a 1/2" hole into only the inside of the vehicle frame. Use 1/2-13 x 1-1/2" bolt (6) and 1/2-13 locknut (11) **Snug all bolts during the installation. Do not torque any bolts until step F.**
- Attach LH & RH Rear Side Members (3&4) to outside of vehicle frame at top hole use 3/4-10 x 5-1/2" bolt (11), 3/4" Flatwasher (15) and 3/4-10 Locknut (14). At bottom scribe and drill 1" hole on outside of frame onlt. Fasten using 3/4" Special Bolt (6) and 3/4-10 Locknut (14).
- Attach the Universal Clevis (*) between the LH & RH Side Mounts (1&2) and Spacer Plates (5) upper holes using two 1/2-13 x 2" Bolts (8) and 1/2-13 Locknuts (12) on each side. At lower hole attach angle bracket (*) to clevis using 5/8-11 x 2-1/4" bolt (10) and 5/8-11 Locknut (13). Attach long end of angle bracket (*) to LH & RH Rear Side Members (3&4) using 5/8-11 x 2" bolt (9) and 5/8-11 Locknut (13).

Trim for bumper clearance



Note: If vehicle has a protruding license plate bracket from the front bumper it will be necessary to push the clevis forward as pictured below.

The clevis must be trimmed as shown above. Bumper may need to be bent up slightly at tabs circled above.

Note: Before tightening the fasteners, the Clevis Frame (*) should be level with the ground and pushed back as far under the vehicle as possible.

- Tighten all fasteners to their proper torque. Tighten bolts in the same order they were assembled to the vehicle.

- G. Reinstall left and right Wishbones. It may be necessary to trim "T", off of wishbones for correct fit. See image to the right. Use M14-2 x 50mm bolt (16).
- H. Reinstall bumper. The air dam will either be removed or trimmed to fit around clevis (*).
- I. Install remaining snowplow hardware per separate instructions.



EZ Plus System

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15	20359	2	•• Flatwasher 3/4"
16	22113	6	•• Bolt H M14-2 x 50mm Gr. 8.8
*	19370	1	Universal Clevis (Part of Plus CLF Carton)

IMPORTANT

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

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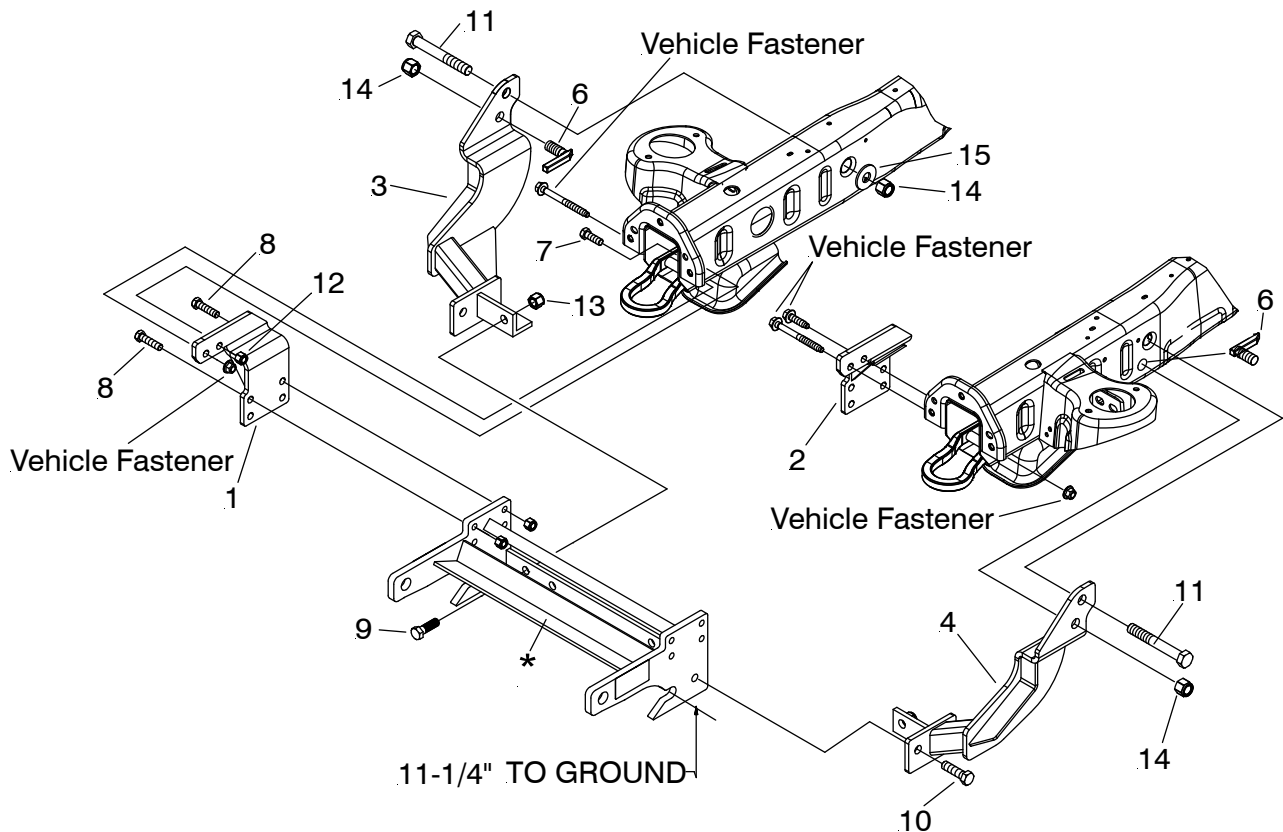
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INSTALLATION INSTRUCTIONS

- Remove front bumper. Retain all hardware.
- Remove tow hook bolts from the frame rail on both driver and passenger sides and remove left and right wishbones. Retain hardware. They will be reused.



- Position LH & RH side mounts (1&2) on the inside of frame rails and align to where tow hook bolts were removed. Attach the side mounts using tow hook bolts with the tow hooks. At the rear hole on the passenger side, using the R.H. Side member (1) as a template, drill a 1/2" hole into only the inside of the vehicle frame. Use 1/2-13 x 1-1/2" bolt (6) and 1/2-13 locknut (11) **Snug all bolts during the installation. Do not torque any bolts until step F.**
- Attach LH & RH Rear Side Members (3&4) to outside of vehicle frame at top hole use 3/4-10 x 5-1/2" bolt (11), 3/4" Flatwasher (15) and 3/4-10 Locknut (14). At bottom scribe and drill 1" hole on outside of frame onlt. Fasten using 3/4" Special Bolt (6) and 3/4-10 Locknut (14).



- Using a straight edge against the LH & RH Sidemebers (1&2) place a mark on the vehicle air dam as shown above.



- Measure 2-1/2" to the outside of each mark and cut as shown above.



G. Remove center (cut) section of vehicle air dam as shown above.



H. Using a crescent wrench bend the bumper tab next to the air dam cut up on each side as shown above. This will allow clearance for the Universal Clevis (*).



See above pictures of what the mounting will look like when finished.

I. Attach the Universal Clevis (*) between the LH & RH Side Mounts (1&2) using four 1/2-13 x 2" Bolts (8) and 1/2-13 Locknuts (12) on each side. At lower hole attach to LH & RH Rear Side Members (3&4) using 5/8-11 x 2" bolt (9) and 5/8-11 Locknut (13).

Note: Before tightening the fasteners, the Clevis Frame (*) should be level with the ground and pushed back as far under the vehicle as possible.

J. Tighten all fasteners to their proper torque. Tighten bolts in the same order they were assembled to the vehicle.

K. Reinstall left and right Wishbones. It may be necessary to trim "T", off of wishbones for correct fit. See image below. Use M14-2 x 50mm bolt (16).



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M. Install remaining snowplow hardware per separate instructions.