



69981 MOUNT KIT

GM K2500/2500HD/3500/3600 Silv/Sierra	2011 -	___
GM C3500/3600 Silv/Sierra	2011 -	___

Installation Instructions

⚠ CAUTION

Read this document before installing the snowplow.

⚠ CAUTION

See your WESTERN® outlet/Web site for specific vehicle application recommendations before installation. The Selection List has specific vehicle and snowplow requirements.

SAFETY

SAFETY DEFINITIONS

⚠ WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious personal injury.

⚠ CAUTION

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTE: Indicates a situation or action that can lead to damage to your snowplow and vehicle or other property. Other useful information can also be described.

WARNING/CAUTION & INSTRUCTION LABELS

Become familiar with and inform users about the warning/caution labels on the back of the blade and the instruction label on the headgear.

NOTE: If labels are missing or cannot be read, see your sales outlet.

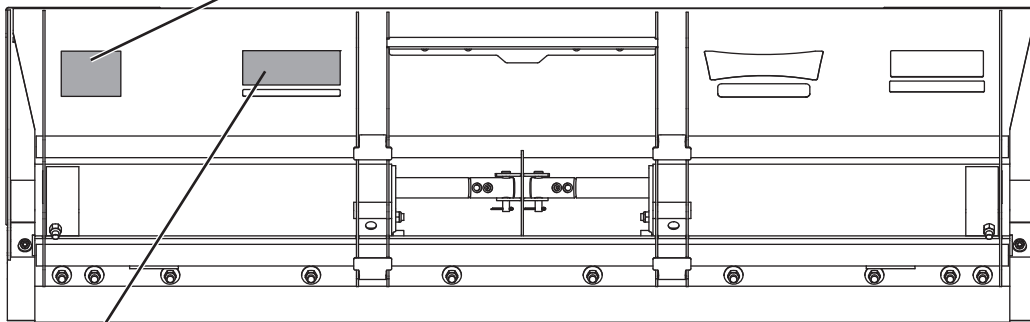
Warning/ Caution Label

⚠ WARNING

LOWER BLADE WHEN VEHICLE IS PARKED.
DO NOT EXCEED GVWR OR GAWR INCLUDING BLADE AND BALLAST.
REMOVE BLADE ASSEMBLY BEFORE PLACING VEHICLE ON HOIST.

⚠ CAUTION

READ OWNER'S MANUAL BEFORE OPERATING OR SERVICING SNOWPLOW.
TRANSPORT SPEED SHOULD NOT EXCEED 45 MPH. FURTHER REDUCE SPEED UNDER ADVERSE TRAVEL CONDITIONS.
PLOWING SPEED SHOULD NOT EXCEED 10 MPH.
SEE YOUR SALES OUTLET/WEB SITE FOR SPECIFIC VEHICLE APPLICATION RECOMMENDATIONS.



Instruction Label

UltraMount INSTRUCTIONS

MOUNTING PLOW (ON) Read Owner's Manual for complete instructions.

STEP 1
After seating plow horns in receiver brackets, pull handle up. Shoe will lift off the ground.

STEP 2
Pull and hold Lock Pin out; then rotate Handle UP and release Lock Pin. It must lock into UPPER hole. Stand Hook must grip Receiver Pin.

STEP 3
Plug in electrical connections. Repeat Steps 1 and 2 on other side of snowplow.

REMOVING PLOW (OFF) Read Owner's Manual for complete instructions.

STEP 3
Push top of Shoe DOWN. Shoe will be on the ground. Repeat Steps 2 and 3 on other side of snowplow. Back vehicle away.

STEP 2
Pull and hold Lock Pin out; then rotate Handle DOWN and release Lock Pin. It must lock into LOWER hole.

STEP 1
After lowering Blade and turning control OFF, disconnect electrical connections.

67794

US patents 6,430,490; 6,418,616; 5,896,007; 6,143,222; 6,209,251; 6,253,470; 6,408,540; 6,528,677; 6,928,750; 6,941,655; 7,400,058; 7,430,821; RE35,700; CAN patents 2,060,425; 2,154,922; 2,229,783; 2,354,257; and other patents pending.

SAFETY

SAFETY PRECAUTIONS

Improper installation and operation could cause personal injury and/or equipment and property damage. Read and understand labels and the Owner's Manual before installing, operating or making adjustments.

⚠ WARNING

Lower blade when vehicle is parked. Temperature changes could change hydraulic pressure, causing the blade to drop unexpectedly or damaging hydraulic components. Failure to do this could result in serious personal injury.

⚠ WARNING

The driver shall keep bystanders clear of the blade when it is being raised, lowered or angled. Do not stand between the vehicle and the blade or within 8 feet of a moving blade. A moving or falling blade could cause personal injury.

⚠ WARNING

Keep hands and feet clear of the blade and A-frame when mounting or removing the snowplow. Moving or falling assemblies could cause personal injury.

⚠ WARNING

Do not exceed GVWR or GAWR including the blade and ballast. The rating label is found on the driver-side vehicle door cornerpost.

⚠ WARNING

To prevent accidental movement of the blade, always turn the control OFF whenever the snowplow is not in use. The power indicator light will turn OFF.

⚠ WARNING

Remove blade assembly before placing vehicle on hoist.

⚠ CAUTION

Refer to the Selection List for minimum vehicle recommendations and ballast requirements.

PERSONAL SAFETY

- Remove ignition key and put the vehicle in park or in gear to prevent others from starting the vehicle during installation or service.
- Wear only snug-fitting clothing while working on your vehicle or snowplow.
- Do not wear jewelry or a necktie, and secure long hair.
- Wear safety goggles to protect your eyes from battery acid, gasoline, dirt and dust.
- Avoid touching hot surfaces such as the engine, radiator, hoses and exhaust pipes.
- Always have a fire extinguisher rated BC handy, for flammable liquids and electrical fires.

FIRE AND EXPLOSION

⚠ WARNING

Gasoline is highly flammable and gasoline vapor is explosive. Never smoke while working on vehicle. Keep all open flames away from gasoline tanks and lines. Wipe up any spilled gasoline immediately.

Be careful when using gasoline. Do not use gasoline to clean parts. Store only in approved containers away from sources of heat or flame.

CELL PHONES

A driver's first responsibility is the safe operation of the vehicle. The most important thing you can do to prevent a crash is to avoid distractions and pay attention to the road. Wait until it is safe to operate Mobile Communication Equipment such as cell phones or two-way radios.

VENTILATION

⚠ WARNING




Vehicle exhaust contains lethal fumes. Breathing these fumes, even in low concentrations, can cause death. Never operate a vehicle in an enclosed area without venting exhaust to the outside.

SAFETY & MOUNT INSTALLATION

TORQUE CHART

⚠ CAUTION

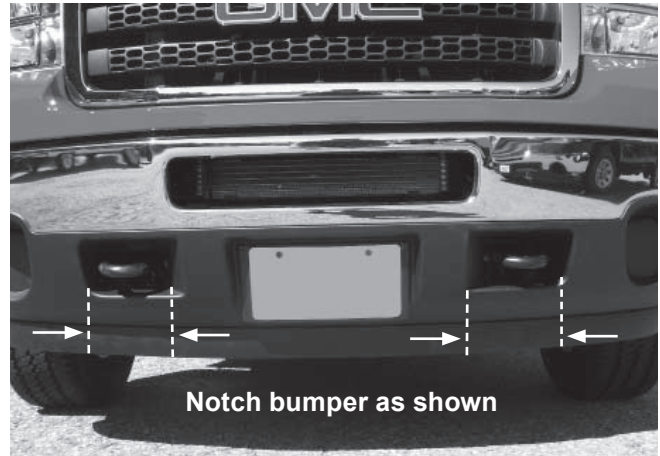
Read instructions before assembling. Fasteners should be finger tight until instructed to tighten according to the torque chart. Use standard methods and practices when attaching snowplow including proper personal protective safety equipment.

Recommended Fastener Torque Chart (ft-lb)			
Size	 SAE Grade 2	 SAE Grade 5	 SAE Grade 8
1/4-20	6	9	13
5/16-18	11	18	28
3/8-16	19	31	46
3/8-24	24	46	68
7/16-14	30	50	75
1/2-13	45	75	115
9/16-12	66	110	165
5/8-11	93	150	225
3/4-10	150	250	370
7/8-9	150	378	591
1-8	220	583	893
Metric Grade 8.8 (ft-lb)			
Size	Torque	Size	Torque
M 6	7	M 12	60
M 8	17	M 14	95
M 10	35	M 16	155
These torque values apply to fasteners except those noted in the instruction.			

INSTALLATION INSTRUCTIONS

NOTE: For easier assembly and installation, vehicle and all snowplow components should be on a smooth, level, hard surface, such as concrete.

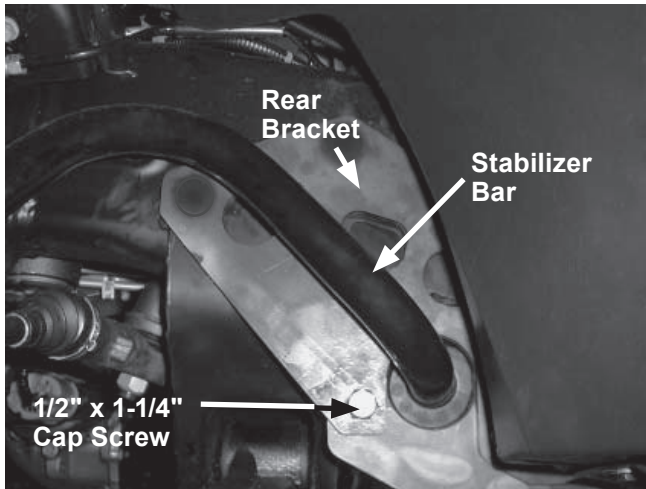
1. Remove the tow hooks. Notch the lower plastic portion of the bumper to fit, as shown below.



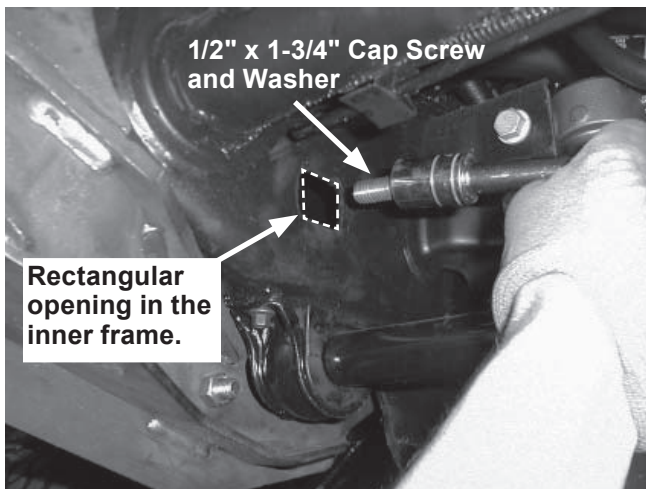
2. Beginning with the passenger-side mount, align the forward mount holes with tow hook holes in frame. Reinstall the tow hook and fasteners and tighten according to the torque charts provided. Repeat on the opposite side.

MOUNT INSTALLATION

- Position the rear brackets around the front stabilizer bar as shown in the photo below. Loosely attach the rear brackets to the mounts using three $\frac{1}{2}$ " x $1\frac{1}{4}$ " cap screws and locknuts on each mount.



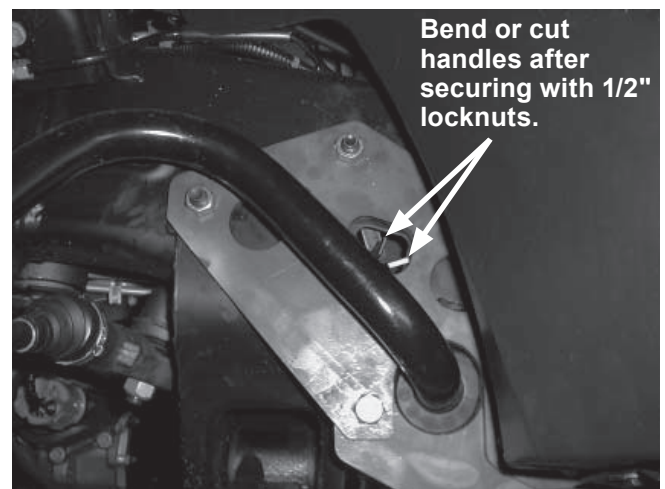
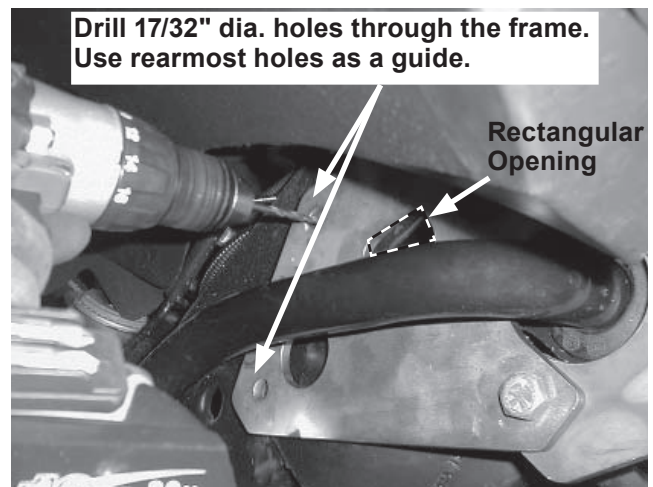
- Insert a $\frac{1}{2}$ " x $1\frac{3}{4}$ " cap screw and washer through the rectangular opening in the inner surface of the frame, through the frame and the rear bracket. Secure loosely with a $\frac{1}{2}$ " locknut. Adjust the position of the rear brackets upwards as far as possible and secure the $1\frac{3}{4}$ " fastener, as well as the three $1\frac{1}{4}$ " cap screws from step 3.



⚠ CAUTION

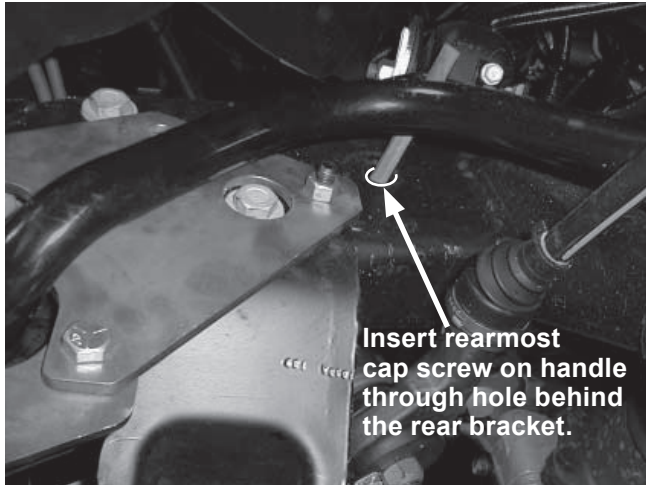
Use caution not to pinch, cut or drill through any wires or hoses running along the frame rail.

- On the passenger's side, drill two $\frac{17}{32}$ " diameter holes through the vehicle frame using the rearmost $\frac{9}{16}$ " holes in the brackets as guides. Insert two cap screws with handles and washers through the rectangular opening in the rear bracket and through the previously drilled holes in the vehicle frame. Secure with $\frac{1}{2}$ " locknuts. Bend or cut the handles so that they do not interfere with the range of motion of the front stabilizer bar.



MOUNT INSTALLATION

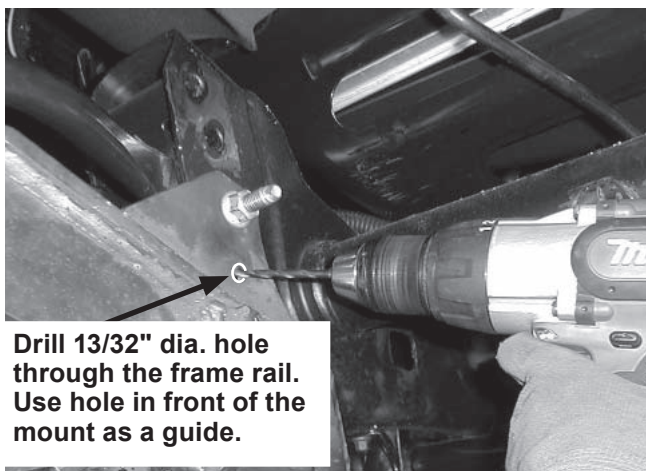
Repeat this process on the driver's side, noting that the rearmost cap screw on handle must be inserted through the round hole behind the rear bracket as shown. Bend or cut handles so that they do not interfere with the range of motion of the front stabilizer bar.



⚠ CAUTION

Use caution not to pinch, cut or drill through any wires or hoses running along the frame rail.

- Using the 7/16" hole on the front of the mounts as a guide, drill a 13/32" diameter hole through the frame rail. Insert a 3/8" x 1" cap screw through the drilled hole and secure with a 3/8" locknut and washer.

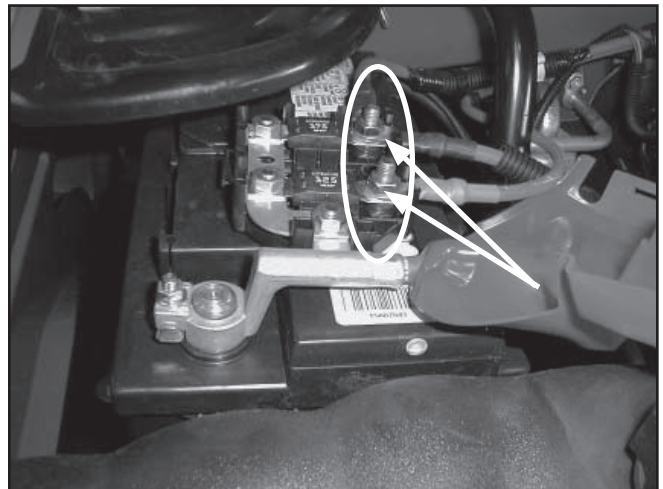


Bumper not shown.

- Use the off-truck portion of the snowplow to determine any additional trimming of the lower bumper valence required to clear all snowplow components when attaching/detaching the snowplow from the vehicle.

On some truck models, there may be a slight interference between the hook on the UltraMount® stand assembly and the vehicle's tow hooks. In these instances removal of the tow hooks may be required for smooth snowplow attach/detach operation. If the tow hooks must be removed, use the provided 1/2" x 1-3/4" cap screws, washers and locknuts in place of the tow hooks and fasteners to secure the mounts to the front of the vehicle frame. Washers should be placed on the inside surfaces of the frame.

NOTE: Electrical Installation: if the vehicle is equipped with fused battery studs, the plow battery cables should not be attached to the fused side (shown below).



NOTE: After five to ten hours of snowplow usage, retorque all mount assembly fasteners.



Western Products
PO Box 245038
Milwaukee, WI 53224-9538
www.westernplows.com

 A DIVISION OF DOUGLAS DYNAMICS, L.L.C.

Western Products reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used. Western Products or the vehicle manufacturer may require or recommend optional equipment for snow removal. Do not exceed vehicle ratings with a snowplow. Western Products offers a limited warranty for all snowplows and accessories. See separately printed page for this important information. The following are registered (®) or unregistered (™) trademarks of Douglas Dynamics, L.L.C.: UltraMount®, WESTERN®.

Printed in U.S.A.