

67865

MOUNT KIT

Chevy/GMC 1500/2500/3500 4X4

1988 - 98

Chevy/GMC 2500 & 3500 Classic

1999 - 00

Installation Instructions

⚠ CAUTION

Read this document before installing the snowplow.

⚠ CAUTION

See your sales outlet/Web site for specific vehicle application recommendations before installation. The online selection tool has specific vehicle and snowplow requirements.

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

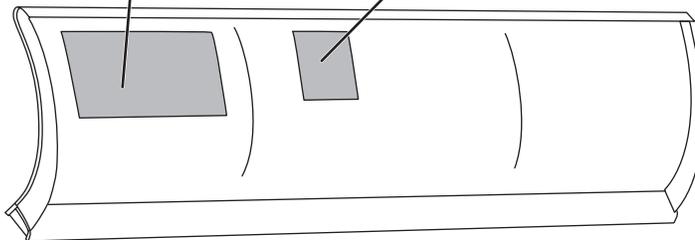
Become familiar with and inform users about the warning and instruction labels on the back of the blade.

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

Warning/Caution Label



Instruction Label



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 the 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 online selection tool 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 tank 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, text messaging devices, pagers 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.

NOISE

Airborne noise emission during use is below 70 dB(A) for the snowplow operator.

VIBRATION

Operating snowplow vibration does not exceed 2.5 m/s² to the hand-arm or 0.5 m/s² to the whole body.

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					
Inch Fasteners Grade 5 and Grade 8					
Size	Torque (ft-lb)		Size	Torque (ft-lb)	
	 Grade 5	 Grade 8		 Grade 5	 Grade 8
1/4-20	8.4	11.9	9/16-12	109	154
1/4-28	9.7	13.7	9/16-18	121	171
5/16-18	17.4	24.6	5/8-11	150	212
5/16-24	19.2	27.3	5/8-18	170	240
3/8-16	30.8	43.6	3/4-10	269	376
3/8-24	35.0	49.4	3/4-16	297	420
7/16-14	49.4	69.8	7/8-9	429	606
7/16-20	55.2	77.9	7/8-14	474	669
1/2-13	75.3	106.4	1-8	644	909
1/2-20	85.0	120.0	1-12	704	995
Metric Fasteners Class 8.8 and 10.9					
Size	Torque (ft-lb)		Size	Torque (ft-lb)	
	 Class 8.8	 Class 10.9		 Class 8.8	 Class 10.9
M6 x 1.00	7.7	11.1	M20 x 2.50	325	450
M8 x 1.25	19.5	26.9	M22 x 2.50	428	613
M10 x 1.50	38.5	53.3	M24 x 3.00	562	778
M12 x 1.75	67	93	M27 x 3.00	796	1139
M14 x 2.00	107	148	M30 x 3.50	1117	1545
M16 x 2.00	167	231	M33 x 3.50	1468	2101
M18 x 2.50	222	318	M36 x 4.00	1952	2701
These torque values apply to fasteners except those noted in the instructions.					

INSTALLATION INSTRUCTIONS

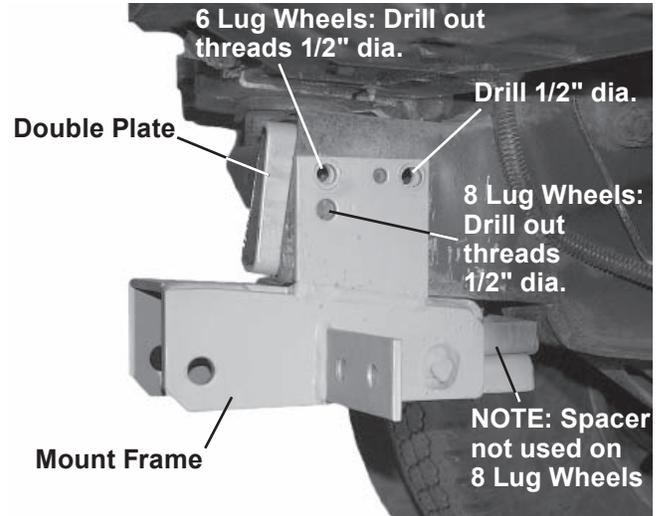
NOTE: For easier assembly and installation, vehicle and all snowplow components should be on a smooth, level, hard surface, such as concrete.

MOUNT FRAME

1. Remove the air dam, bumper with end braces, splash shield, tow hooks and tapped bars from inside of the boxed frame rails. The bumper with end braces will be reinstalled during installation. Save all other removed parts and replace whenever the mount assembly is removed from the vehicle.
2. On the passenger's side, place the mount frame to the in-board side of the boxed vehicle frame rail.

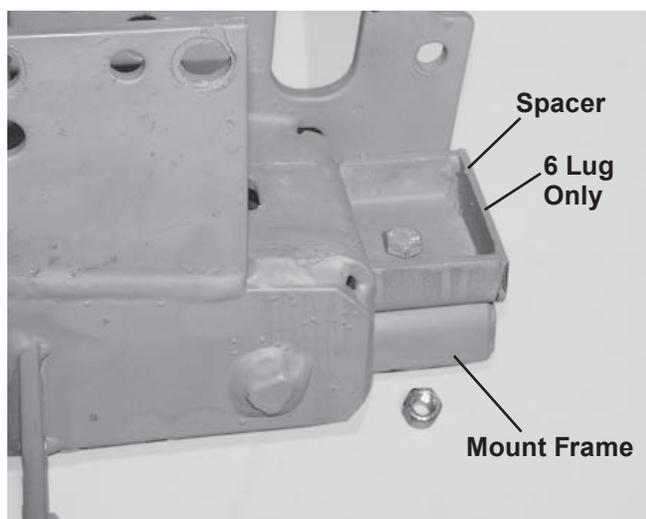
⚠ CAUTION

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



6-Lug Wheels: Attach a spacer to the rear of the mount frame using the 3/8" hardware provided. Align the **top** hole in the mount frame with the threaded hole in the inner wall of the vehicle frame rail.

8-Lug Wheels: No spacer is required. Align the **bottom** hole in the mount frame with the threaded hole in the inner wall of the vehicle frame rail.



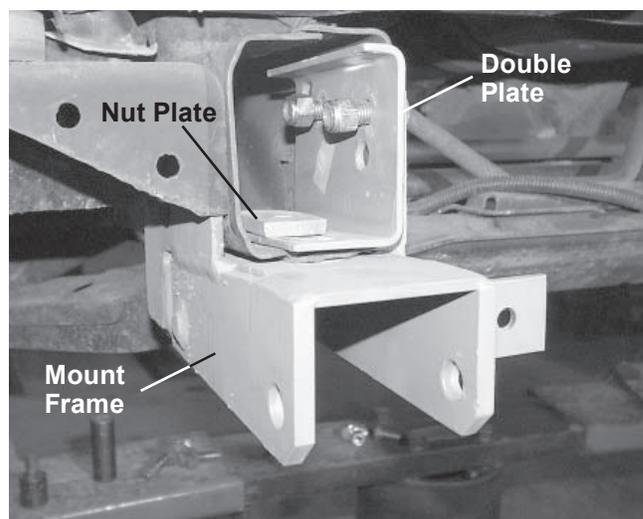
⚠ CAUTION

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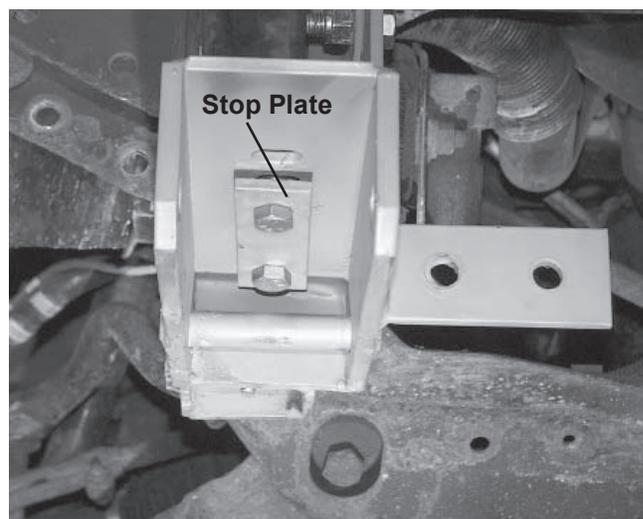
NOTE: If the vehicle has cooler lines that interfere with the mount, they must be relocated. If the interface occurs between the driver-side mount frame and the brake lines or brackets, remove the mount frame material as required to provide clearance. On vehicles with power steering cooler lines inside of the vehicle frame, use the mount frame as a guide to drill a 1/2" clearance hole to reattach the cooler line bracket.

3. Make sure the mount frame is tight against the bottom and inner wall of the vehicle frame. Drill out the threaded hole in the inner vehicle frame wall using a 1/2" drill. Using the rear hole in the mount as a guide, drill a 1/2" hole in the inner frame wall. Remove any burrs from the inside of vehicle frame.
4. Install the formed double plate that matches the multi-slotted mount frame plate inside the vehicle frame rail and against the inner wall.

5. Attach the mount frame to the drilled out inner vehicle frame wall and double plate with a 1/2" x 1-1/2" cap screw and flat washer to double plate and locknut. Torque to 75 ft-lb.
6. Install a nut plate on top of the double plate inside the vehicle frame and align with the tow hook holes.



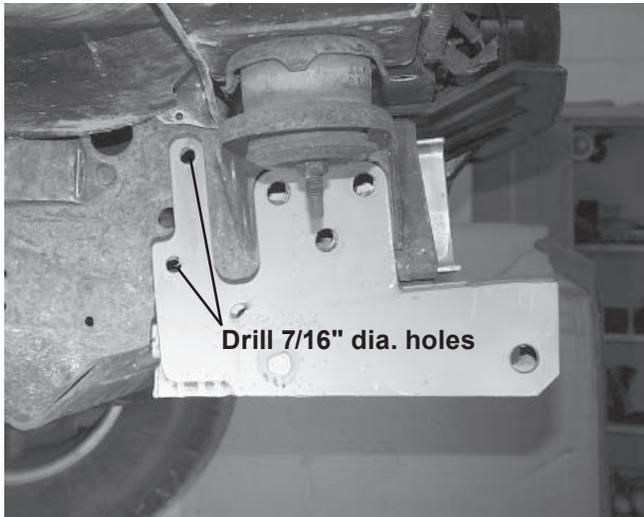
7. Install two 1/2" x 2-1/2" cap screws with lock washers outside the frame rail through the stop plate, vehicle tow hook holes, double plate and mount frame. Thread into the nut plate.



⚠ CAUTION

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

- Using the rear hole in the mount frame bracket as a guide, drill a 7/16" hole through the vehicle frame.



- Secure the rear mount frame hole with a 7/16" x 1-1/2" cap screw, flat washer to inner frame and locknut.
- Repeat steps 2–9 on the driver's side.

SPLASH GUARD

- Drill out the top splash guard mounting holes with a 1/2" diameter drill.
- Bend the brackets inward slightly to clear the mount frame.
- Reinstall the splash guard using the mount hardware and original screws.

CROSS BAR

- Install the cross bar between the mount frames using 1/2" cap screws and locknuts.

**BUMPER**

Reinstall the bumper using six 14 mm x 45 mm serrated flange screws through the support brackets and vehicle frame. Thread the screws into the weld nuts on each bumper bracket.

Tighten all fasteners according to the torque chart.

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

The company 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. This equipment manufacturer or the vehicle manufacturer may require or recommend optional equipment for snow removal. Do not exceed vehicle ratings with a snowplow. The company offers a limited warranty for all snowplows and accessories. See separately printed page for this important information.

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