

67960-1 MOUNT KIT

Chevy/GMC 1500 4X4

1999 - 2007

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 Selection List/Undercarriage Selection Guide 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.

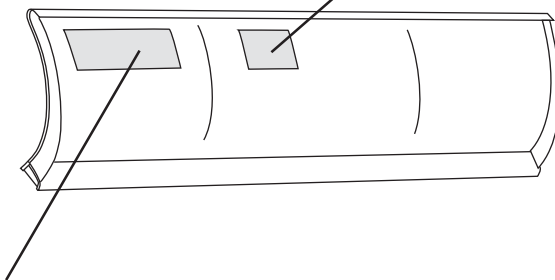
NOTE: Indicates a situation or action that can lead to damage to your snowplow and vehicle or other property. Other useful information can also be described.

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 can not be read, see your sales outlet.

Warning and Caution Label



Attach/Detach Instruction 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 <i>OWNER'S MANUAL</i> 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.

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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 can 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 blade and ballast. The rating label is found on driver-side vehicle door cornerpost.

⚠ WARNING

To prevent accidental movement of the blade, always turn the ON/OFF switch to OFF whenever the snowplow is not in use. The control indicator light will turn off.

⚠ WARNING

Remove blade assembly before placing vehicle on hoist.

⚠ CAUTION

Refer to the Kit Selection Guide/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 a 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.

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.

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.

Remove Air Dam

1. Use a fine tooth saw blade to cut away a portion of the bumper lower air deflector directly under the front frame horns. Trim edges and remove excess material with a coarse file. If air deflector trimming is not acceptable, remove snap clips and air deflector from bumper. Save for reinstallation if snowplow mount is removed.

Remove Tow Hooks

1. Remove side and bottom bolts holding tow hooks.
2. Remove tow hooks and save for use if snowplow mount is removed.

Mount Frame

1. Make sure bottom hole in mount frame is aligned with hole in vehicle frame. **(See Photo 1).**

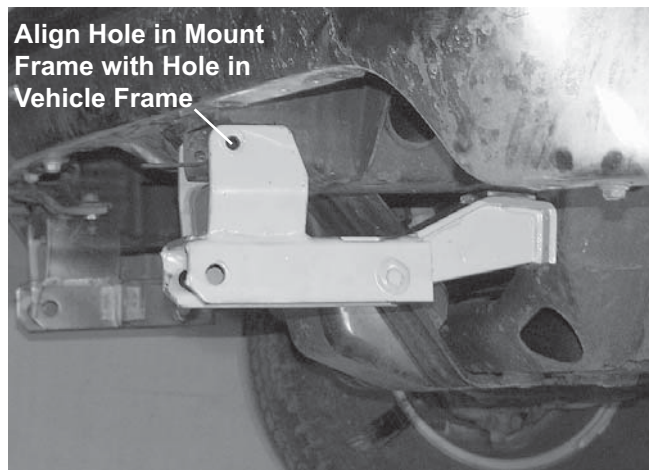


Photo 1

2. Hold rear of hanger plate tight against vehicle frame and cross member, and mark hole locations with a sharp object (scribe or nail). Remove hanger plate bracket and center punch holes previously marked. Drill a 9/16" diameter hole in each marked location through the vehicle frame and the cross member. **(See Photo 2).**

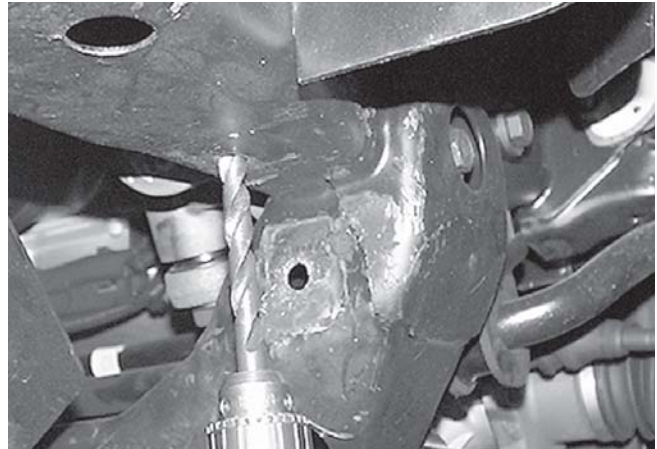


Photo 2

3. Attach the hanger plate to the vehicle frame and the cross member through the drilled holes, using 1/2" bolt bars and 1/2" x 1-3/4" cap screws, flat washers under heads and locknuts. **(See Photo 3).**

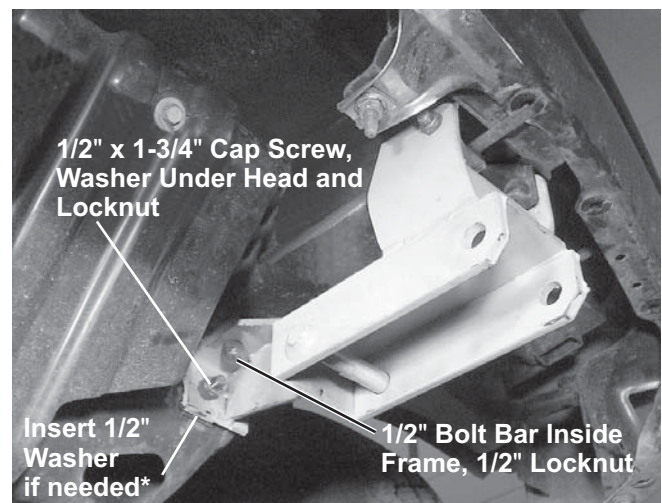


Photo 3

* If it was included with the mount kit, using a shim is also acceptable.

- 4. Attach front of hanger plate with 1/2" x 1-1/2" cap screw and locknut through mount, vehicle frame and reinforcing plate. (See Photo 4).



Photo 4

- 5. Attach mount frame to vehicle frame with two 1/2" x 1" cap screws and locknuts. (See Photo 5).

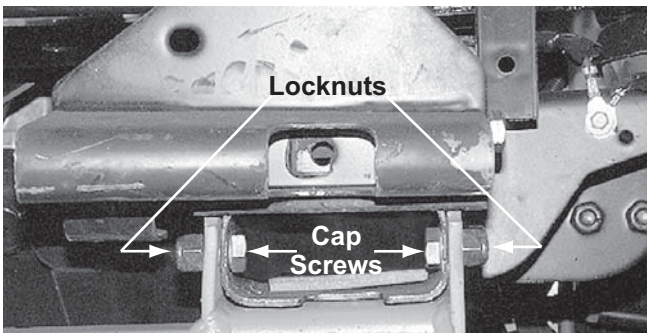


Photo 5

- 6. Repeat Steps 1–5 for the other hanger plate.
- 7. Tighten all hardware per Torque Chart on page 4.

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.