



Fisher Engineering

P.O. Box 529 Rockland, Maine 04841

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Lit. No. 64019

**Minute
Mount**
SYSTEM

**Minute²
Mount**
SYSTEM

Attachment Kit Installation Instructions

GMC All New Sierra	K2500, K2500HD, K3500	1999-2002
Chevy Silverado	K2500, K2500HD, K3500	1999-2002

⚠ CAUTION

Read this document before installing the snowplow.

⚠ CAUTION

See your FISHER® outlet for application recommendations. The Kit Selection Guide has specific vehicle and snowplow requirements.

SAFETY INFORMATION

⚠ WARNING

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

⚠ CAUTION

Indicates a situation that, if not avoided, could result in damage to product or property.

NOTE: Identifies tips, helpful hints, and maintenance information the owner/operator should know.

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

Remove blade assembly before placing vehicle on hoist.

⚠ WARNING

Keep well clear of the blade when it is being raised, lowered or angled. Do not stand between the vehicle and blade or directly in front of blade. If the blade hits you or drops on you, you could be seriously injured.

⚠ 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.

⚠ CAUTION

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

⚠ CAUTION

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.

PERSONAL SAFETY

- 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 deadly carbon monoxide (CO) gas. Breathing this gas, even in low concentrations, could cause death. Never operate a vehicle in an enclosed area without venting exhaust to the outside.

TORQUE CHART**⚠ CAUTION**

Read instructions before assembling. Bolts should be finger tight until instructed to tighten according to the torque chart. Use standard methods and practices when attaching snowplow including wearing safety glasses during cutting, drilling and welding.

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 mount assembly fasteners except those noted in the instruction.

Before Cutting



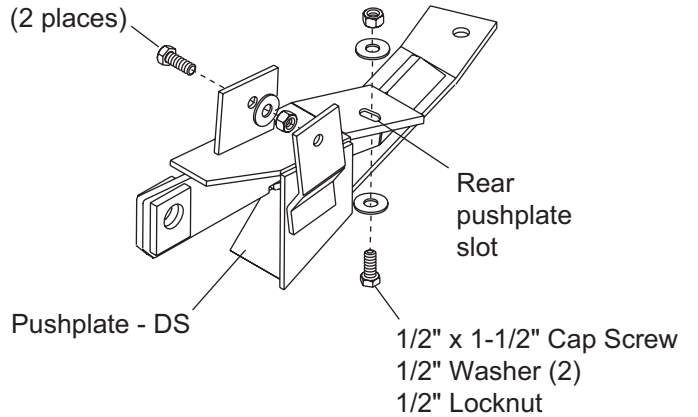
After Cutting



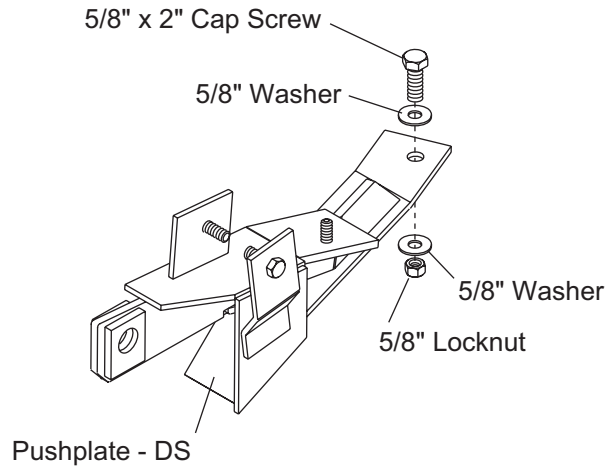
INSTALLATION INSTRUCTIONS

1. Remove the tow hooks. They will not be reinstalled. Notch the lower plastic portion of the bumper to fit, as shown in photos.
2. Beginning with one pushplate, align the forward pushplate holes with holes in frame. Insert two 1/2" cap screws through the forwardmost holes and fasten loosely with flat washer and locknuts. Insert one 1/2" cap screw up through pushplate and bottom of frame. If necessary, ream vehicle frame using rear pushplate slot as a guide. Use a washer on both pushplate and nut side.

1/2" x 1-1/2" Cap Screw
 1/2" Washer
 1/2" Locknut
 (2 places)



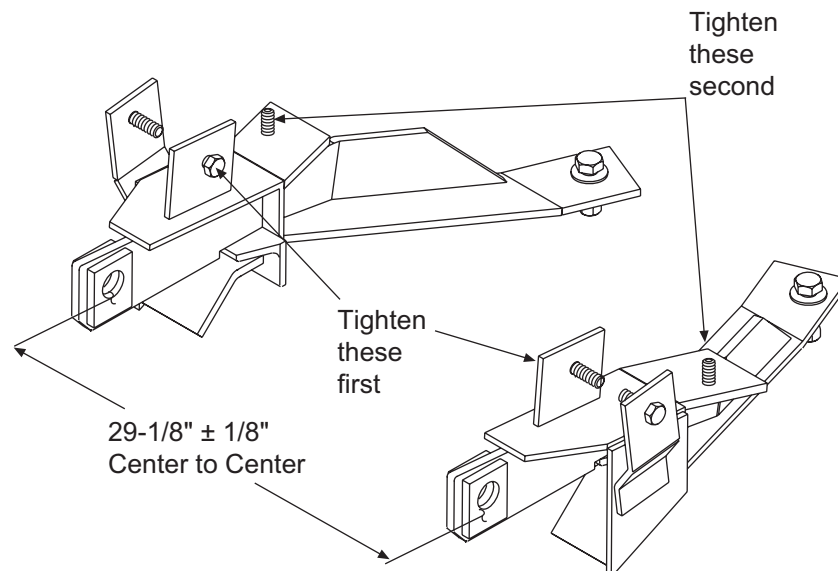
3. With the rear section of the pushplate in place, insert a 5/8" x 2" cap screw and washer down through frame cross member and fasten loosely with a 5/8" washer and 5/8" locknut.



NOTE: The cap screws and washers can be placed by passing them through the opening just under the lower A-arm first and then positioning them in place at the cross member hole.

4. Repeat steps 2-3 for opposite side pushplate.
5. Tighten the inner tow hook fasteners followed by the bottom tow hook fasteners. Check for a connecting arm distance of $29\text{-}1/8" \pm 1/8"$. If connecting arm distance is acceptable, then tighten all remaining fasteners. If connecting arm distance is not within $29\text{-}1/8" \pm 1/8"$, then 1/2" flat washers may be used to shim one or both plates in the appropriate direction to obtain the desired dimension. Tighten all fasteners after achieving appropriate dimensions.

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



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