

**Fisher Engineering**

P.O. Box 529 Rockland, Maine 04841

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MOUNT KIT

Dodge Dakota**2000 - 04****Dodge Durango****2000 - 03**

Installation Instructions

⚠ 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 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, 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

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. 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

CAUTION

Snowplow lights may interfere with grille when opening the hood. Remove the snowplow when opening the hood.

1. Remove and save the air dam.
2. Remove and save fasteners attaching side bumper brackets to frame on both sides of vehicle. Remove and save fasteners attaching bumper to inner bumper brackets. These are accessible when hood is opened. Fully remove bumper by sliding forward. Fully remove inner bumper brackets by tapping out the two fasteners found in each bracket and sliding forward.
3. Position pushplate assembly and previously removed bumper brackets between frame members with pushplate hanger plates sandwiched by frame and bumper brackets. Loosely fasten using previously removed bumper bracket fasteners and a 1/2" x 1-1/4" cap screw, washer, washer and locknut through the rear hole in the frame/pushplate hanger. Do not fully tighten any fasteners until instructed to do so.

4. Position the lower air dam in place and modify by cutting so that it accommodates the pushplate assembly. Fasten the air dam to the lower frame cross member using the previously removed plastic fasteners. Do not fully reinstall the air dam until instructed to do so.
5. Align holes in rear stiffener of the pushplate assembly with holes in frame cross member. Loosely fasten with a 1/2" x 1-1/2" cap screw with handle, two 1/2" flat washers and 1/2" locknut on both rear stiffeners. Slide the pushplate assembly rearwards so that the rear stops on the pushplate contact the frame cross member. Check that pushplate assembly is level from side to side. Use a floor jack to adjust, if necessary. Use a floor jack or clamps to force the rear stops to contact the cross member. When the pushplate assembly is in position, tighten all fasteners starting with the rear stiffeners and working forward.
6. Install the grille plug bracket(s) by using the brackets as drill guides and drilling four holes each through the upper plastic section of the bumper.

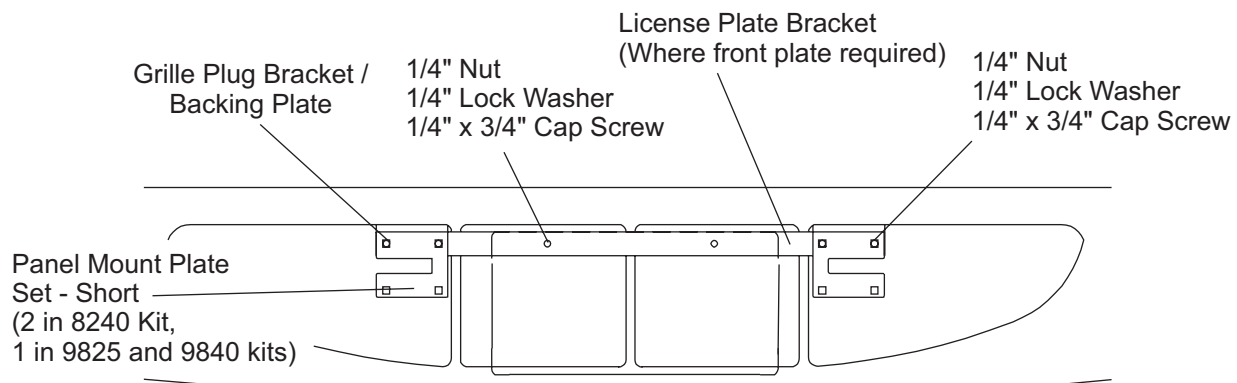
NOTE: If a front license plate is to be used, the grille plug bracket(s) must be installed at the proper spacing.

Use the license plate bracket and installation illustration shown to assist in locating the bracket(s). Secure the bracket(s) with backing plate(s), 1/4" x 3/4" cap screws, lock washers and 1/4" nuts.

7. Loosely position the bumper in place. Using the pushplate assembly as a guide, notch the lower plastic section of the bumper as needed to allow reinstallation of the bumper. Make notches as small as possible to accommodate the pushplate. Reinstall the bumper by securing the side bumper brackets first. Finish installing the air dam with remaining plastic fasteners.
8. Attach panel mount(s) to grille plug bracket(s) using 1/4" x 3/4" cap screws, 1/4" lock washers and 1/4" nuts. If a front license plate is being used, attach the license plate bracket at the same time as the grille panel mount(s), sandwiching it between the grille plug bracket(s) and the grille panel mount(s). Attach the license plate through the top holes using 1/4" x 3/4" cap screws, lock washers, 1/4" nuts. Attach the bottom using the fasteners previously removed from the original plastic license plate holder and the original holes in bumper. Route all cables and secure using tie wraps provided.

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

Grille Bracket / License Plate Installation



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