



# 3919 TRUCK MOUNT

## Installation Instructions

<b>Dodge Dakota 4X4</b>	<b>2000 – 2004</b>
<b>Dodge Durango 4X4</b>	<b>2000 – 2003</b>

**⚠ CAUTION**

Read this document before installing the snowplow.

**⚠ CAUTION**

See your WESTERN® outlet for application recommendations. 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 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.

Warning and Caution Label

### ⚠ WARNING

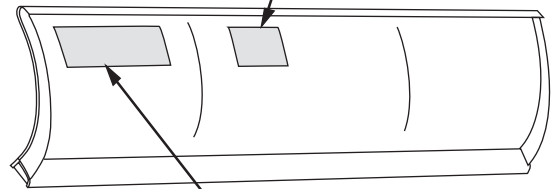
LOWER BLADE WHEN VEHICLE IS PARKED.  
 REMOVE BLADE ASSEMBLY BEFORE PLACING VEHICLE ON HOIST.  
 DO NOT EXCEED GVWR OR GAWR INCLUDING BLADE AND BALLAST.

### ⚠ CAUTION

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

## WARNING/CAUTION & INSTRUCTION LABELS

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



Instruction Label

UltraMount<sup>®</sup> 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 plow.

**STEP 3**

Push down top of Shoe; Shoe will be on the ground. Repeat steps 2 and 3 on other side of plow. 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.

### REMOVING PLOW (OFF)

Read Owner's Manual for complete instructions.

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Patents: US 4,280,062; 4,999,935; 5,420,480; RE 35,700; 6,145,222; 6,209,231; 6,253,470; CAN 2,060,425; 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 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 current selection list 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.

# SAFETY

## 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.

## 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 wearing proper safety equipment.

<b>Recommended Fastener Torque Chart (Ft.-Lb.)</b>			
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
<b>Metric Grade 8.8 (Ft.-Lb.)</b>			
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.			

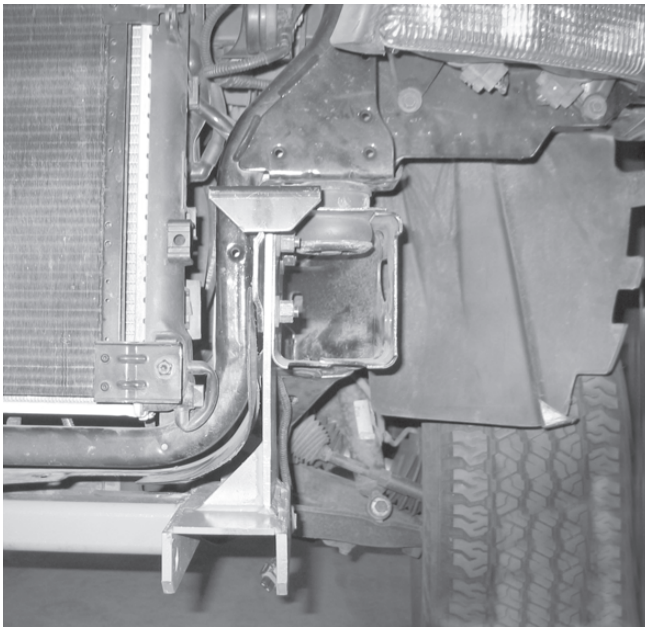
# MOUNT INSTALLATION

## MOUNT ASSEMBLY

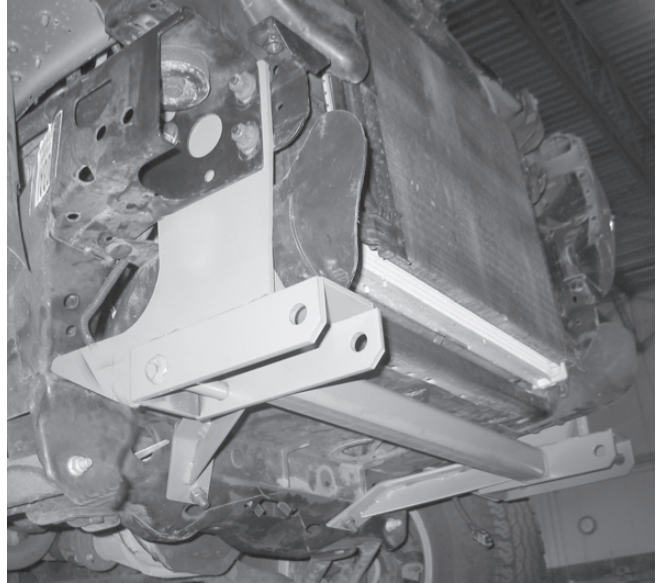
### **⚠ CAUTION**

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

1. Remove and save plastic fasteners holding the front of the air dam and rubber flap to the radiator support.
2. Disconnect fog light wiring if applicable.
3. 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.
4. Position mount assembly and previously removed bumper brackets between frame members with mount hanger plates sandwiched by frame and bumper brackets. (See illustration below.) Loosely fasten using previously removed bumper bracket fasteners and a 1/2" x 1-1/2" cap screw, washer, washer, and locknut through the rear hole in the frame/mount hanger. Do not fully tighten any fasteners until instructed to do so.



5. Slide the mount assembly rearward so that the rear stops on the mount contact the frame cross member. Use a floor jack or clamps to force the rear stops to contact the cross member.



6. Using the holes in the rear stops as guides, drill two 17/32" holes into the cross member. Loosely fasten with two 1/2"-13 x 1-1/2" cap screws with handles, four 1/2" flat washers and two 1/2"-13 locknuts.
7. Check that the mount assembly is level from side to side. Use a floor jack to adjust if necessary. When the mount is in position, tighten all fasteners starting with the rear stiffeners and working forward.
8. Loosely position the bumper in place. Using the mount assembly as a guide, notch the lower plastic section of the bumper as needed to allow reinstallation of the bumper. (See illustration.) Make notches as small as possible to accommodate the mount. Reinstall the bumper by securing the side bumper brackets first. Finish installing the air dam and rubber flap with remaining plastic fasteners.





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