



DENALI Plow Mount MA11119 Honda Rancher 420

Thank you for purchasing our DENALI plow mount. You now own a premium custom plow mount to allow you to use your plow with your ATV. Please note the following instructions and heed all warnings.

- Your ATV and/or plow system can cause death or injury, please use caution and common sense when operating your unit.
- Read your Plow Operator Manual, your Winch Operator Manual, and all warning labels before operating your ATV.
- Operate your ATV at a walking speed with the blade installed. Do not exceed 5 mph (8 km/h), even with the blade up.
- Do not operate the ATV on slopes greater than 10 degrees with the plow installed.
- Always lower the plow to the down position before leaving your ATV unattended.

SEVERE INJURY OR DEATH MAY RESULT IF YOU ARE NEGLIGENT.

**Honda Rancher 420
MA11119**



22000 Industrial Blvd
Rogers, MN 55374
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PARTS LIST

- 1 Plow Mount
- 2 5/16-18 X 2-3/16. U-Bolt (42021)
- 6 5/16. Flat Washer
- 4 5/16-18 Lock Nut
- 2 M8-1.25 X 45mm Hex Bolt
- 2 M8 Aluminum Spacer (AS50-16-32)

INSTALLATION

1. Remove the two outer M8 floorboard bolts. Figure 1. Keep the M8 nuts for reassembly.



Figure 1

2. Place the M8 spacers (B5) into position over the floorboard bolt holes, Figure 2.



Figure 2

3. Place the plow mount (A1) into position over the spacers (B5), Figure 3. Loosely secure the plow mount with two M8 X 45mm bolts (B4), 5/16. washers (B2), and the M8 nuts removed in step 1.

Note: Do not tighten at this time.

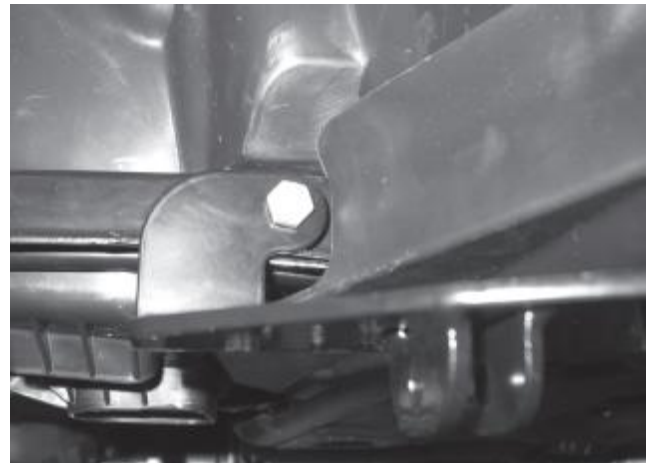


Figure 3

4. Center the plow mount on the vehicle. Mark the plow mount outline and slots onto the plastic skid plate with a center punch or similar pointed object, Figure 4.



Figure 4

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5. Remove the twelve M6 bolts securing the stock plastic skid plate and remove the skid plate, Figure 5. Keep the M6 bolts for reassembly.



Figure 5

6. Place the plow mount back into position on the vehicle. Slide the u-bolts (B1) down around the frame tubes and through the slots in the mounting plate, Figure 6. Check the position of the u-bolt in the slot. Remove the plow mount after the u-bolt orientation has been noted.



Figure 6

7. Mark the location of the u-bolts, as noted in step 6, on the slots scribed onto the skid plate. Use the marks as reference to drill four clearance holes for the u-bolts in the plastic skid plate, Figure 7.

Note: If the u-bolts do not pass freely through the plastic skid plate, then remove the plow mount and skid plate. Use a round file to enlarge the holes for the u-bolts as necessary. Repeat step 8 once the holes have been adequately modified.



Figure 7

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8. Loosely fasten the skid plate onto the vehicle. Repeat steps 2 and 3 to loosely fasten the plow mount. Slide the two u-bolts (B1) around the frame tubes and through the skid plate and plow mount, Figure 8. Loosely fasten the u-bolts with the four 5/16" flat washers (B2) and four 5/16-18 lock nuts (B3).

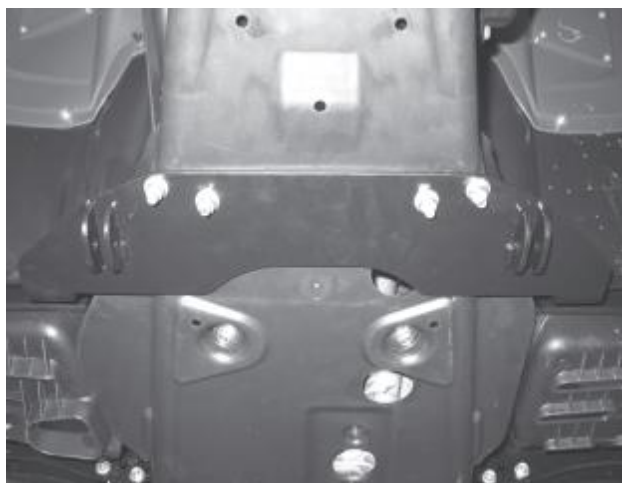


Figure 8

9. Tighten all hardware (M6 skid plate bolts, 5/16-18 lock nuts, M8 bolts, and M8 nuts) to the recommended torque values found on page 2.



Figure 9 - Plow Mount Installed

PLOW INSTALLATION

1. Slide the plow into position with the tubes under the ATV. Lift the end of the tube assembly into position so the holes in the tube wings line up with the 3/8" holes in the frame brackets (Figure 2).
2. A Phillips head screwdriver may be used to align the holes. Insert both 3/8" pins and hook the retaining clips on the ends of the pins to secure the plow to the ATV.
3. The plate should now be a permanent part of your ATV and will not interfere with clearance. The plow can be easily attached and detached on the welded u-bolt with the clevis hook on a winch or a manual lift assembly.

Plow mount installation is now complete.

MAINTENANCE/CARE

- Inspect all metal parts on the plow, plow mount, and related hardware.
- Replace all parts that appear rusted or deformed prior to use.
- Inspect all nuts and bolts on the plow, plow mount, and related hardware prior to each use. Tighten all nuts and bolts that appear to be loose. Stripped, fractured, or bent bolts or nuts need to be replaced immediately.
- Check all cables prior to use. Replace cables that are worn or frayed.
- Check all moving and rotating parts. Remove debris that may inhibit the part from moving freely.