

INSTALLATION INSTRUCTIONS

459-2170 / Winch Mount for use with **POLARIS® RANGER® 1000**

Thank you for purchasing an Open Trail® Winch Mount. Before you begin installation of the Winch Mount, verify that all parts are included in the box and read all instructions. If you have any questions regarding the installation of the Winch Mount or if you are missing any parts, contact us at opentrailusa.com/contact-us.

The Open Trail® Winch Mount is designed to fit a specific model ATV/UTV under stock conditions. If your ATV/UTV has already been altered or modified by aftermarket products or custom fabrications, then the products may not work together, and installation of this product is not advised.

⚠ WARNING: RISK OF SEVERE INJURY OR DEATH

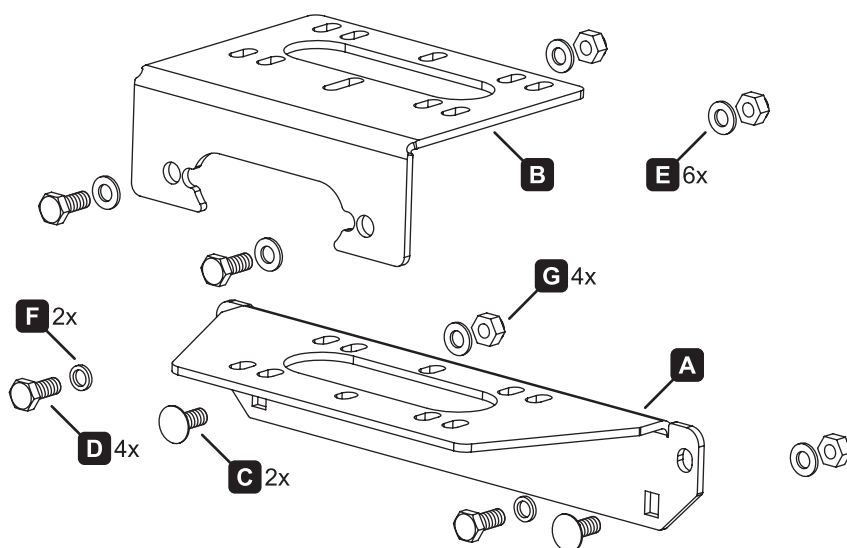
- Read and understand all precautions, warnings and instruction manuals for each winch system component prior to operating
- When working on or under a vehicle always ensure the vehicle is in park, has wheels chocked, is on level ground and is secure
- Wear safety glasses, gloves, closed-toed shoes and other proper PPE when installing and/or using the winch system
- When lifting components into place, always use appropriate and adequate care
- Check that all hardware is tightened securely during installation and operation
- Disconnect the battery while working on the vehicle
- Use extreme caution when cutting, drilling or trimming during fitting
- Do not route electrical cables across any sharp edges, through or near moving parts, or near any parts that may become hot
- Insulate and protect all exposed wiring and electrical terminals
- Always be aware of your surroundings while operating a winch
- Keep clear of any moving components
- When winch is in operation, bystanders should maintain a safe distance
- Do not operate with worn, damaged or missing parts

WHAT'S IN THE BOX

Component	QTY
A Winch Mount	1
B Fairlead Mount	1
C Carriage Bolt – M10 x 25	2
D Bolt – M10 x 25	4
E Flat Washer – M10	6
F Lock Washer – M10	2
G Lock Nut – M10	4

Hardware Kit DASHHW-OT (included)

Component	QTY
Screw – M3 x 40	2
Nut – M3	2
Flat Washer – M3	2
Flat Washer – M6	2



INSTALLATION

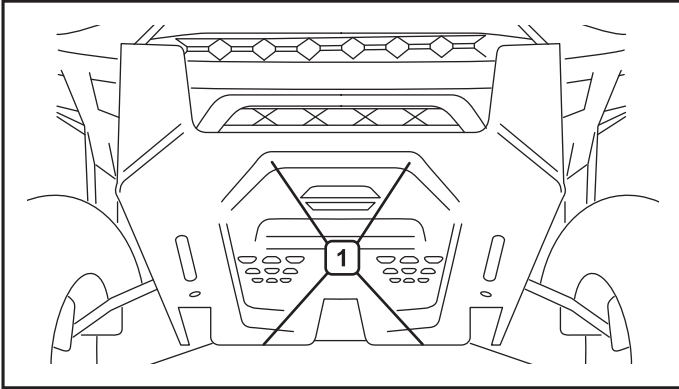


Figure 1.

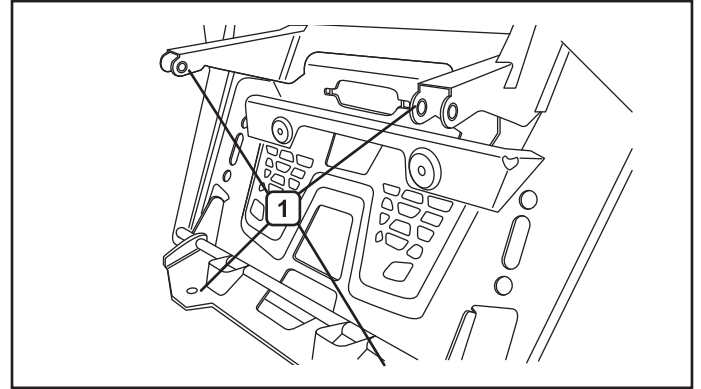


Figure 2.

1. Detach the front bumper from the machine by removing bolts (1) found on the backside of the bumper. See figures 1 and 2.
2. Use figure 3 to determine which holes to use with your winch hardware.
3. Loosely assemble the fairlead mount (B), winch mount (A) and your winch using the hardware provided with your winch as seen in figure 4. Match orientation of winch cable pictured.

NOTE: For machines with bumper style shown in figure 5, wait to install fairlead mount (B) and winch until after the bumper is reinstalled.

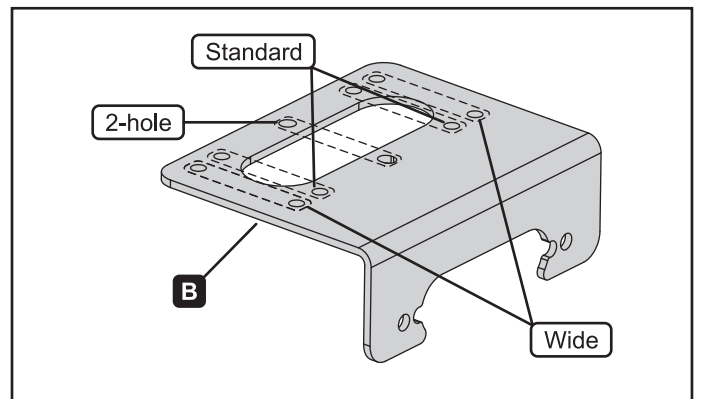


Figure 3. Winch hole configurations

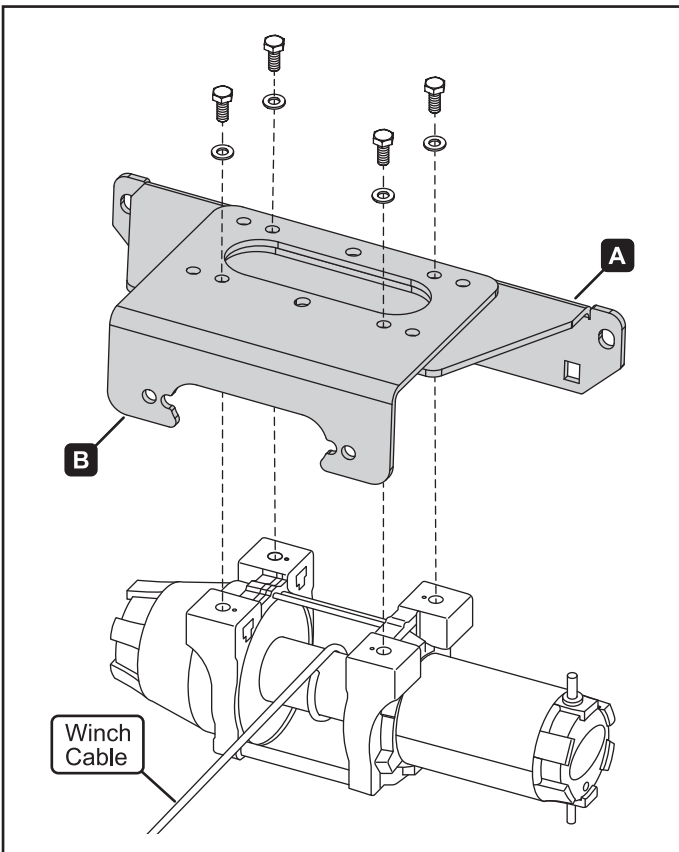


Figure 4.

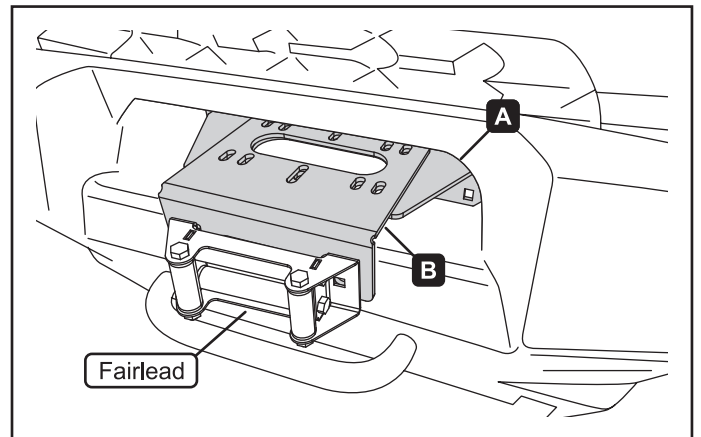


Figure 5. Alternative configuration for this bumper style

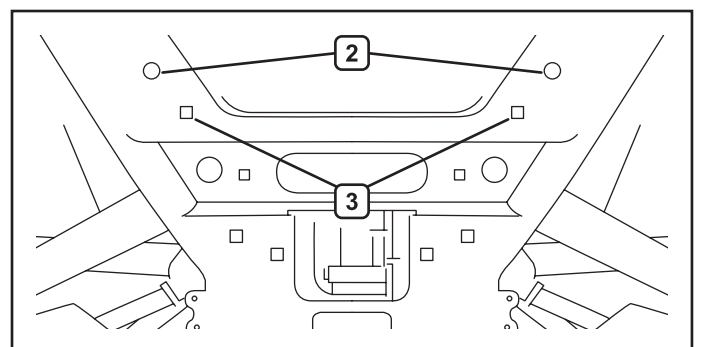


Figure 6.

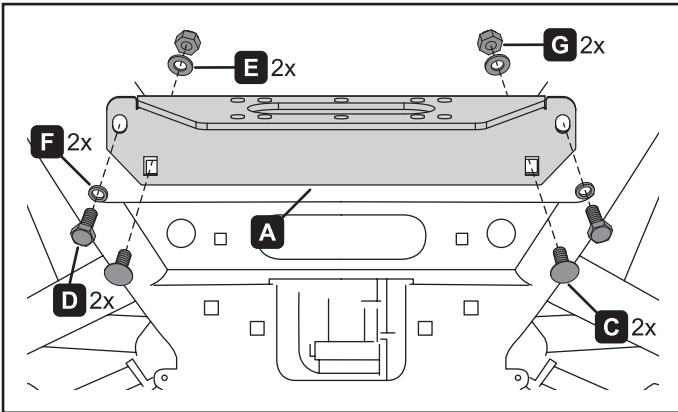


Figure 7.

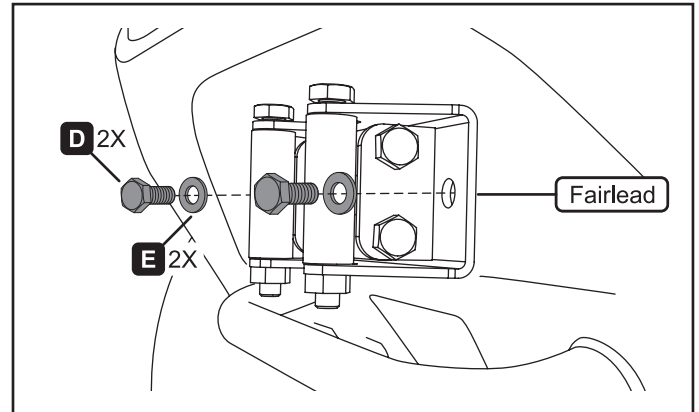


Figure 8.

4. Install winch mount (A) with bolts (D) and washers (F) in holes marked (2) in figure 6 on previous page. See figure 7 for detail.

5. **2020 and older machines:** Install bolts (C), washers (E) and nuts (G) in holes marked (3) in figure 6 on previous page. See figure 7 for detail.

Note: 2021 and newer machines will not have the holes marked (3). Bolts (C), washer (E) and nuts (G) are optional. To use this hardware drill two 10mm ($13/32$ ") holes.

NOTE: Check if the winch terminals are in contact or close to contacting the machine. The motor end cap will need to be rotated if there is a risk of contact. See your winch manual for instructions.

6. Reinstall the front bumper and hardware removed in step 1.

NOTE: For machines with the bumper style shown in figure 5 on the previous page, install your winch and the fairlead mount (B) now as shown in figure 5.

7. Install your fairlead to the fairlead mount (B) using bolts (D), washers (E) and nuts (G) as shown in figures 8 and 9.

8. Tighten all hardware.

Note: Removal of the plastic lower grille may be necessary to access the four winch bolts.

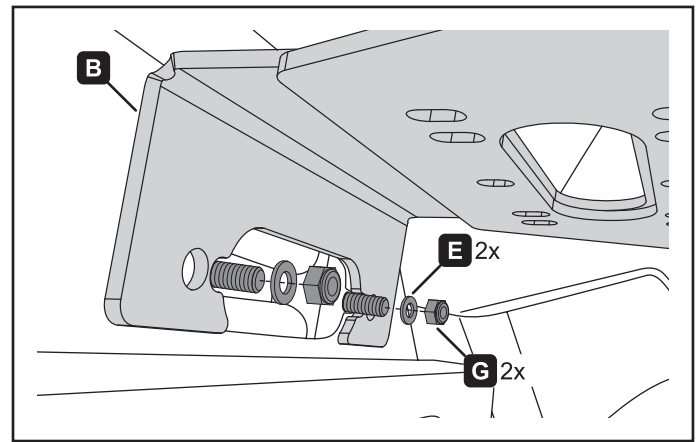


Figure 9.

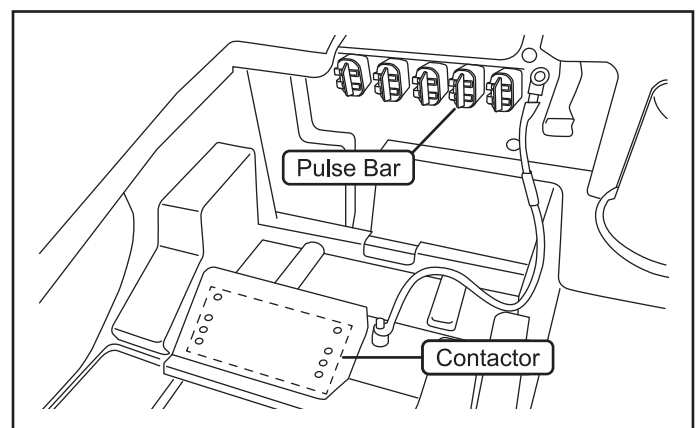


Figure 10.

WIRING INFORMATION

Wiring Instruction: Follow your winch manual for instruction on how to wire the winch.

Suggested Contactor Location: is under the hood as seen in figure 10.

Battery Location: Power from the battery is pre-run to the pulse bar found under the hood. See figures 10 and 11.

Accessory Power for Switches or Other Controls: Orange and white wire (4) is found on the pulse bar, shown in figure 11.

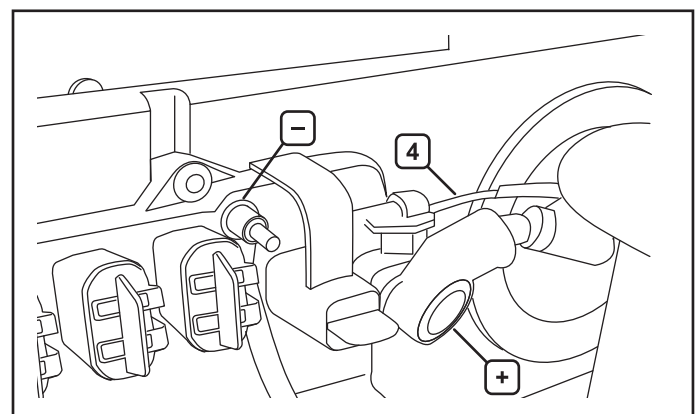


Figure 11.

Notes:

- Rocker switch cutouts are found in the dashboard of your machine.
- If your winch includes a handlebar rocking switch, replace the handlebar mount hardware with the included hardware kit DASHHW-OT to mount to the dash. See figure 12.

LIMITED WARRANTY

Open Trail guarantees the original purchaser that the product shall be devoid of any defects in materials and workmanship for a duration of two (2) years, commencing from the date of initial purchase by the retail customer. This warranty is not transferable and only covers the Open Trail® component.

It is important to note that this warranty is subject to certain limitations and exclusions, which include the following:

- **Commercial Use:** The warranty period for any product utilized for commercial or rental purposes is restricted to a duration of ninety (90) days, commencing from the date of the original purchase.
- **Limitations:** This warranty is applicable solely to products that have been correctly assembled, adjusted, and operated in accordance with the instructions provided in this manual. Furthermore, this warranty does not extend to any product of Open Trail that has undergone alteration, misuse, abuse, improper assembly or installation, or sustained damage during shipping.
- **Exclusions:** This warranty does not cover normal wear, regular adjustments, or routine maintenance.

Open Trail will provide a replacement part one time only. The replacement part will not be warranted.

This warranty does not extend to cover any incidental or consequential damages (labor charges, loss of time, loss of use or damage to ATV/UTV), and any implied warranties are constrained to the same time periods as stated herein for all explicit warranties.

The warranty stated above is the sole and exclusive warranty. There are no other warranties, expressed or implied, including but not limited to implied warranties of merchantability or fitness for a particular purpose.

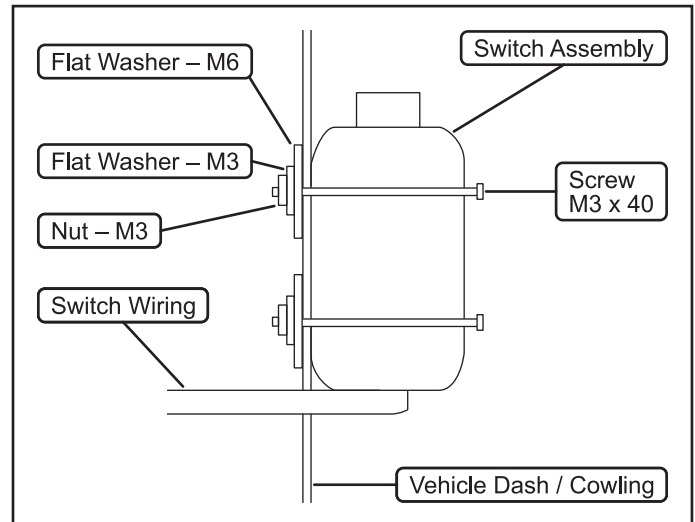


Figure 12. Optional switch mount instructions

Please be aware that in certain states, the exclusion of implied warranties or the exclusion or limitation of liability for incidental or consequential damages, as well as limitations on how long an implied warranty lasts, may not be applicable to you. Consequently, the above limitation or exclusion might not apply to your specific situation. This warranty provides you with specific legal rights, and you may also possess other rights that vary from state to state. It is important to understand and be aware of your individual rights as per the laws of your state.

If you have a claim under this warranty, contact your dealer or reach out to Open Trail through the website at opentrailusa.com/contact-us. They will assist you in troubleshooting any issues via phone or e-mail.

To ensure proper coverage, always seek authorization from Open Trail before proceeding with any repairs or replacements.

All transportation charges, damages or losses incurred during the transportation of parts submitted for replacement or repair under this warranty are the responsibility of the purchaser. If you have any inquiries or concerns regarding this warranty, please don't hesitate to contact us at opentrailusa.com/contact-us.