

ROUGH COUNTRY

Mitsubishi 2025 Outlander 30in Roof Rack Light Bar

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If questions exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product. Check all fasteners for proper torque. Check to ensure for adequate clearance between all components. Periodically check all hardware for tightness.

BOM/Parts List

LED Light Bar-1
 LED Light Mount Brackets-2
 8mmx14mm SHCS-2
 8mm Flat Washers-8
 8mm Lock Washers-8
 12" Wire Loom-2
 Cable Retainers-2
 8mm x 16mm BHSCS-6
 8mm T-Slot Nuts-6
 Remote Module-1
 Remote Key Fob-1
 Wire Loom Clip-1



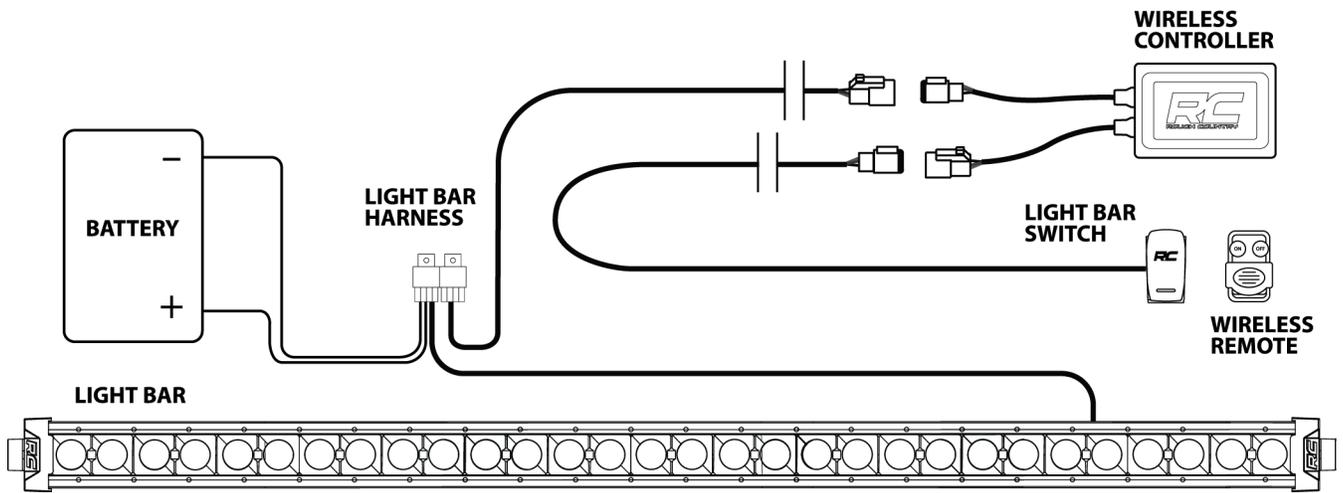
Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs



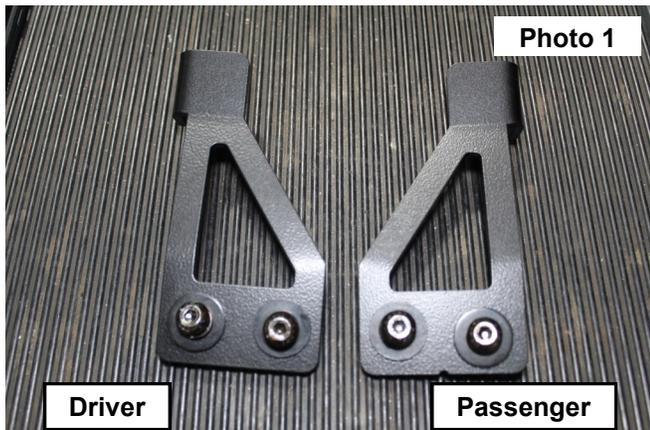
WIRELESS LED CONTROLLER

WIRING DIAGRAM



INSTALLATION INSTRUCTIONS

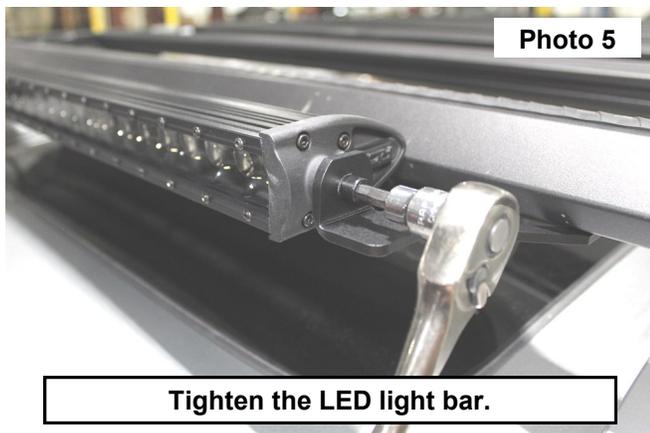
1. Place the light mounting flange on the bracket with the flange facing downward. Then install the 8mm BHSCS (button head bolt), 8mm lock washer and 8mm flat washer into the bracket through the mounting hole in the bracket. **See Photo 1.**
2. Secure the bolt using the supplied 8mm T-Slot Nut. **NOTE: Orient the square side toward the bracket. See Photo 2.**
3. **NOTE: (2) 8mm BHSCS (button head bolt), 8mm lock washer and 8mm flat washer and T-Slot Nuts Per Bracket.**



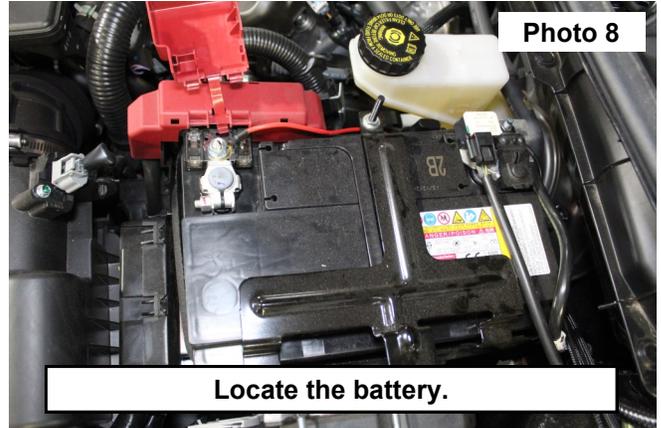
4. Place the Right and Left brackets onto the roof rack with the light mounting flange toward the inside of the vehicle and pointing up. Install the T-Slot Nuts into the roof rack. Use a 5mm Allen wrench. **See Photo 3. Do NOT tighten at this time.**
5. Place the LED light bar between the brackets installed onto the roof rack, with the power cable on the driver side, and secure using the 8mm SHCS bolt and 8mm flat and lock washers in the light bar kit. **See Photo 4.**



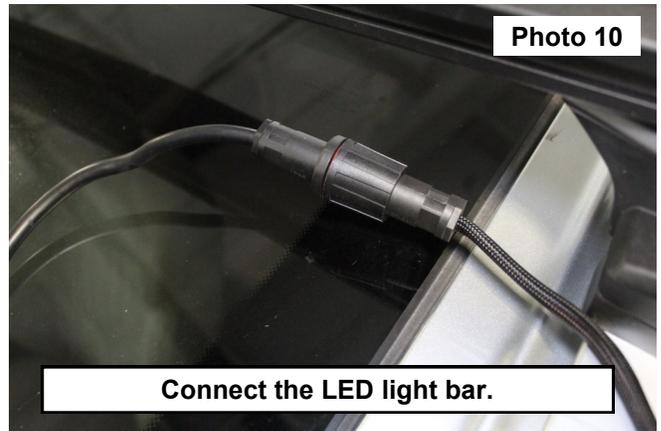
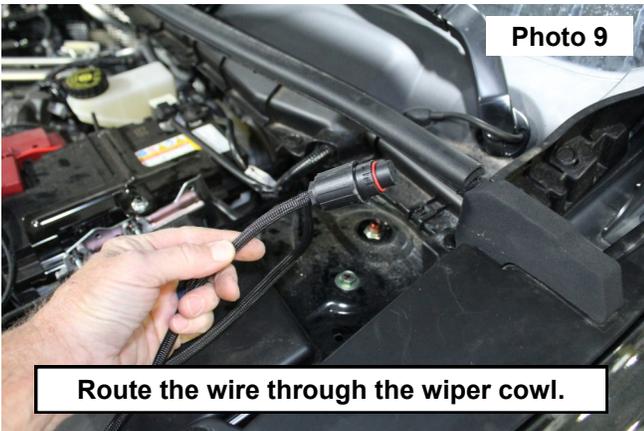
6. Tighten the LED light bar to the desired angle using a 6mm Allen to 16ft/lbs. **See Photo 5.**
7. Center the LED light bar on the roof rack. **See Photo 6.**



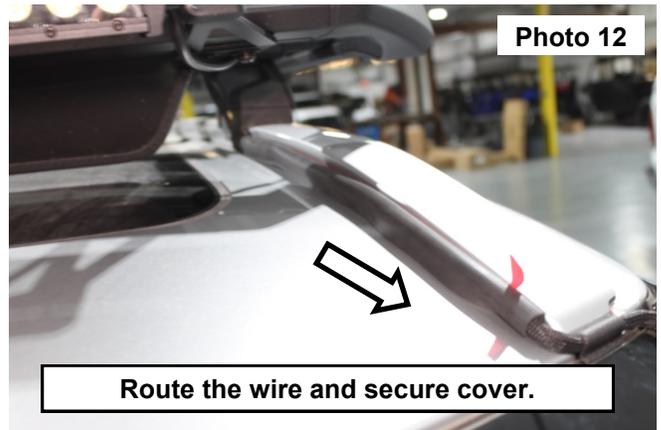
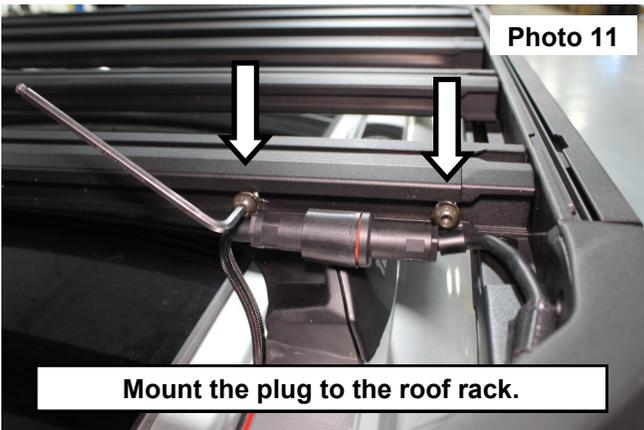
8. Tighten the brackets to the roof rack to 18ft/lbs using a 5mm Allen wrench. **See Photo 7.**
9. Locate the battery and prep to make connections from the wiring harness. **See Photo 8.**



10. Route the plug up through the wiper cowl / windshield molding on the driver side to the light bar and connect. **See Photos 9 and 10.**



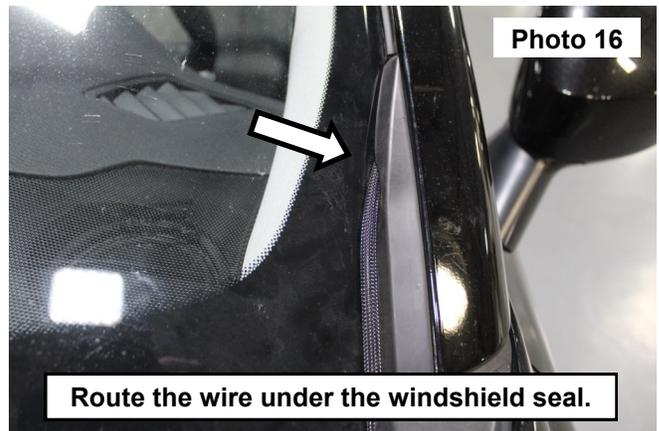
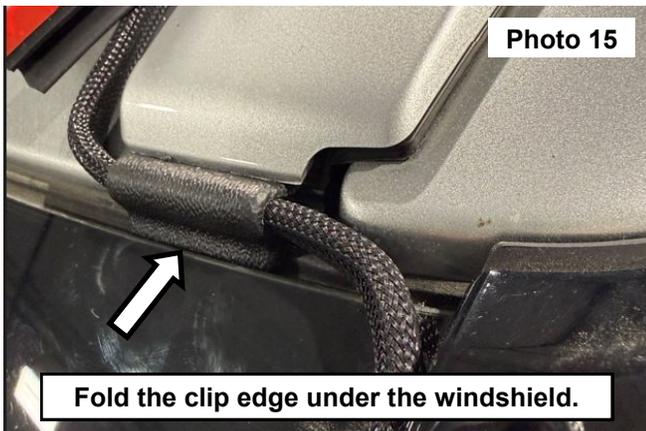
11. On the roof rack, route the plug along the support rail and secure each side of the plug using the supplied retainer clip. Secure to the front of the rail using an 8mm BHSCS and 8mm T-Slot nut neatly mounting the plug to the support rail. **See Photo 11.**
12. **Note: Clean the roof and roof trim from any dirt or debris.** Route the wiring from the roof rack plug to the top of the roof and route along the roof trim. Place the wire cover over the wiring toward the windshield with the double-sided tape against the roof trim side. **See Photo 12.**



13. Remove the double-sided tape covering from the wire cover, while holding the wire cover snug against the roof trim. **See Photo 13.**
14. Place the wiring clip over the wire and route under the front edge of the roof trim. **See Photo 14.**



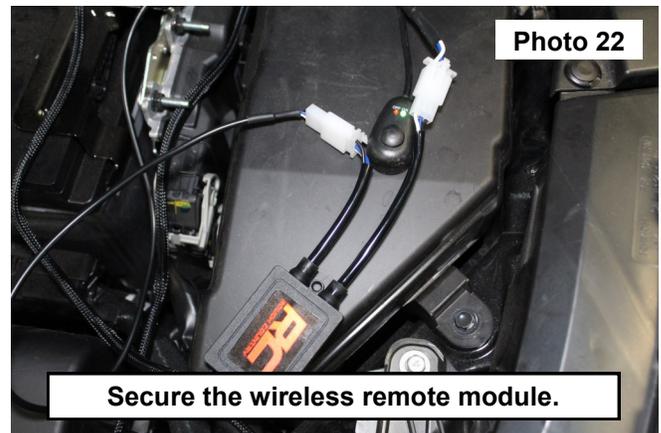
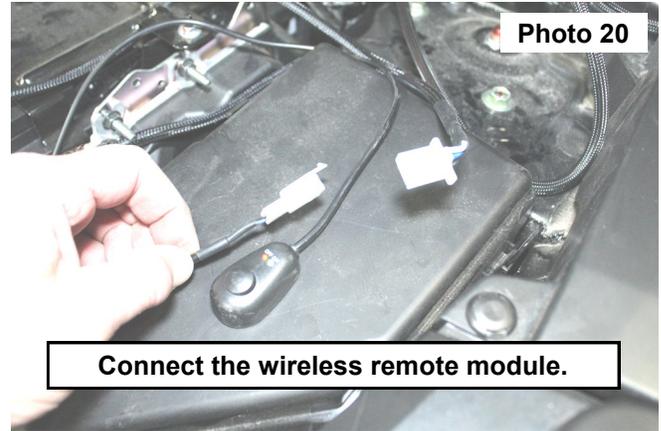
15. Secure the wire clip by lifting the windshield side of the clip, folding the edge along the inside of the windshield edge. **See Photo 15.**
16. Lift the A-pillar post windshield seal and route the wiring under the seal toward the wiper cowl. **See Photo 16.**



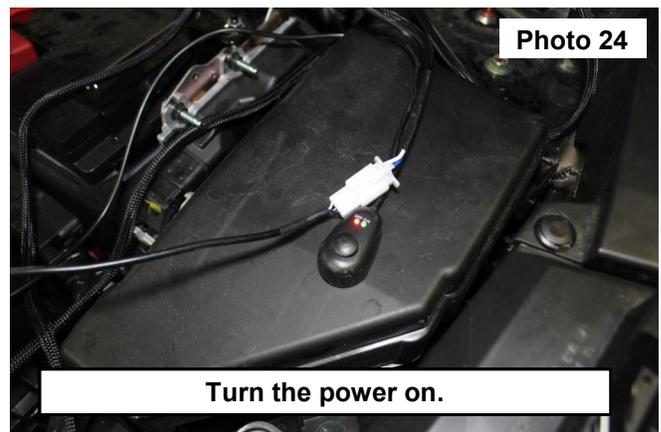
17. Remove the lower wiper cowl trim and route the wiring through to the battery connection. **See Photo 17.**
18. Place the wiper cowl trim into place. Ensure the wire is placed away from any moving parts. **See Photo 18.**



19. Locate the remote and wireless remote box. **See Photo 19.**
20. Install the wireless remote in-line switch on the supplied light wiring harness by plugging into the harness as shown. **See Photos 20 ,21 and 22.**



21. Connect the wiring harness to the battery on the vehicle per LED light bar wiring diagram included with the LED light. Turn the switch to the ON position to test function. Then secure the wiring and wireless remote box in a safe location using the supplied cable ties. **See Photos 23 and 24.**



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