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Rough Country 70975 Installation Instructions

Bluetooth 8 Gang Switch Panel with Relay Box

Part number: 70975

trailfortress.com/rough-country-bluetooth-8-gang-switch-panel-70975

Scan for fitment, price and install help

927097500

8-Gang Bluetooth Switch Instructions

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 question 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.

Download App Here

IOS Version

Android Version

Kit Contents:

Circuit Breaker x1
Circuit Board x1
Circuit Board Mount x1
Positive Wire x1
Negative Wire x1
Switch Panel x1
Cable Ties x10

Switch Panel Wiring Harness x1
Accessory Harness x1
50 Custom Stickers x1
Supplied Hardware & Allen Wrench x1
Switch Panel Mounting Flat Mount x1

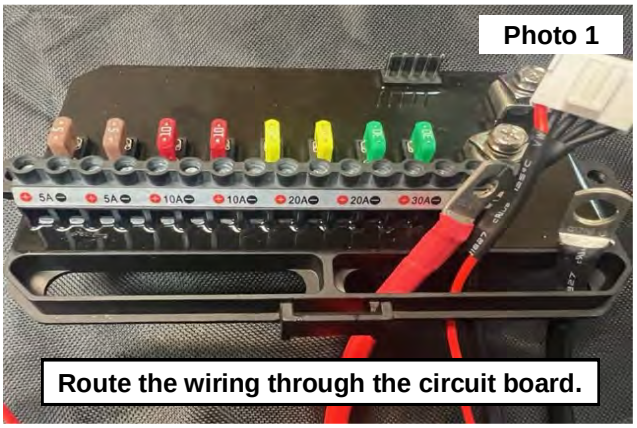


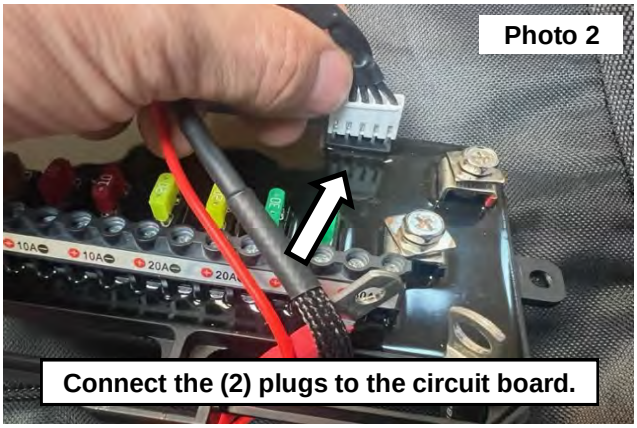
Torque Specs:

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

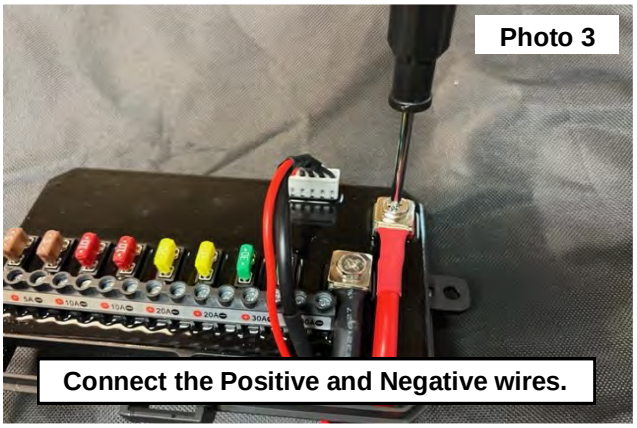
INSTALLATION INSTRUCTONS

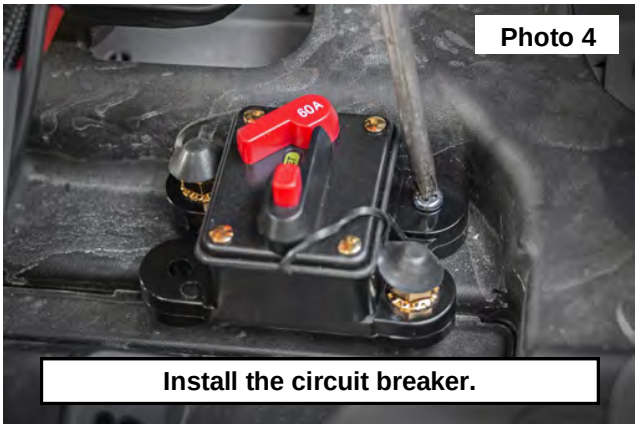
1. Locate the Circuit board mounting bracket. Secure the bracket to the desired location in an unobstructed area to safely route the wiring. Use the supplied hardware to secure.
2. Place the Circuit board onto the mounting bracket. Route the supplied positive and negative wiring, accessory switch wire and the switch panel wiring through the right side of bracket and the circuit board. **See Photo 1.**
3. Connect the switch wire connector and the switch panel connector wires onto the circuit board. **See Photo 2.**



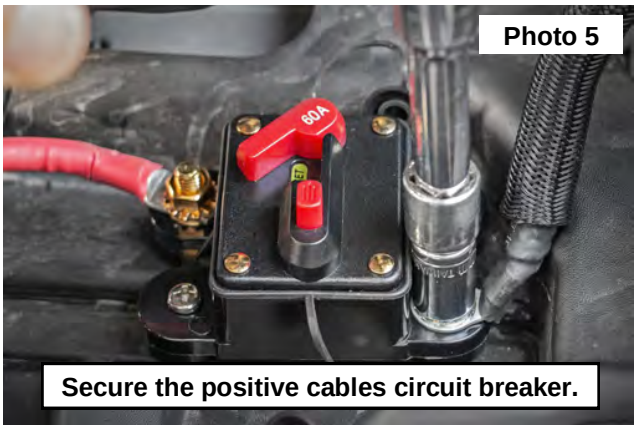


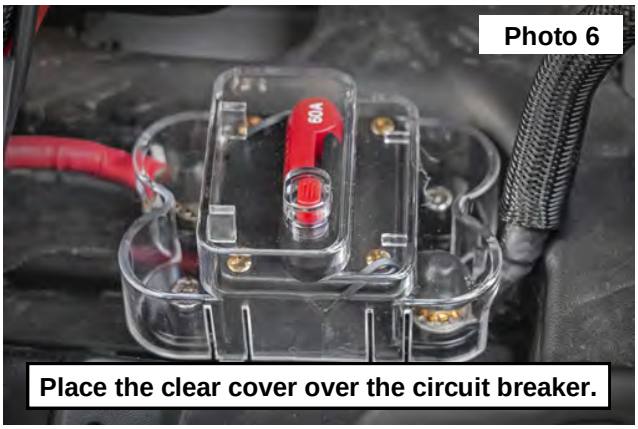
4. Connect the Positive and Negative wires to the circuit board. Remove the screw from the circuit board and place the wire onto the terminal, place the screw into the terminal and tighten using a Phillips head bit. **See Photo 3.**
5. Install the circuit breaker in a accessible location. Secure using (2) of the supplied screws. Tighten using a Phillips bit driver. **See Photo 4.**
6. Secure the positive cables on each terminal of the circuit breaker. Tighten using an 11mm socket. **See Photo 5.**
7. Place the clear cover over the circuit breaker. **See Photo 6.**



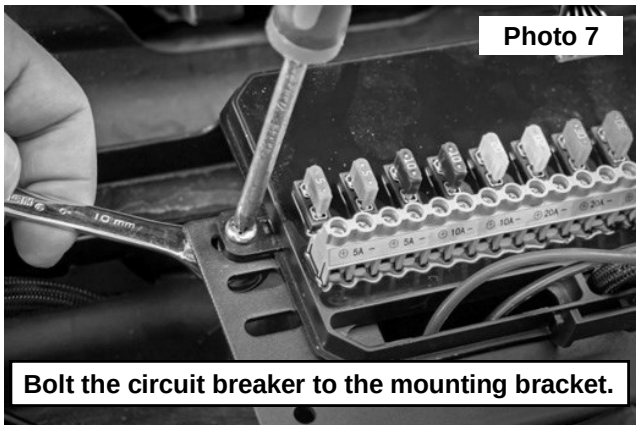


8. Connect the Positive and Negative wires to the battery.





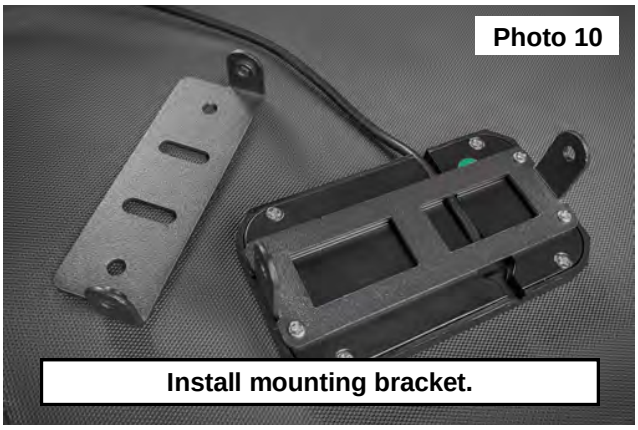
9. Secure the circuit breaker to the mounting bracket using (2) of the supplied nuts and bolts. Tighten using a Phillips head bit and an 10mm wrench. **See Photo 7.**
10. Locate the Switch panel. **See Photo 8.**



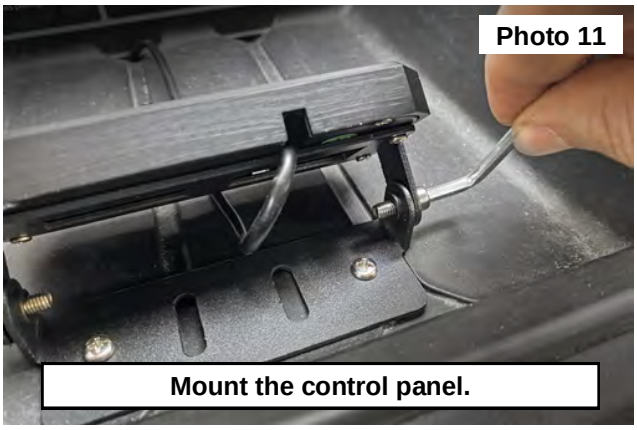


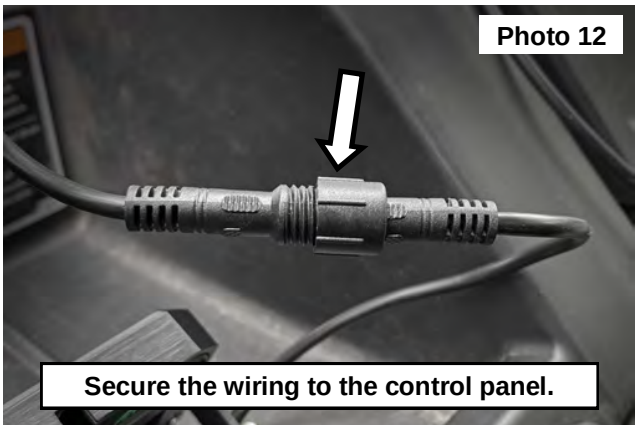
11. Choose the mounting bracket that is best for your application and install onto the control panel using the supplied screws. **See Photos 9 and 10.**



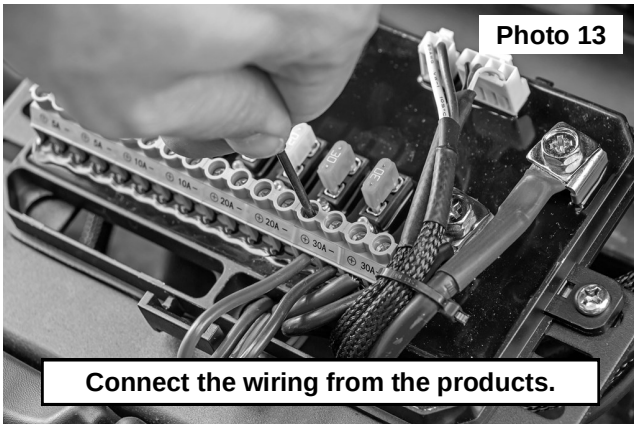


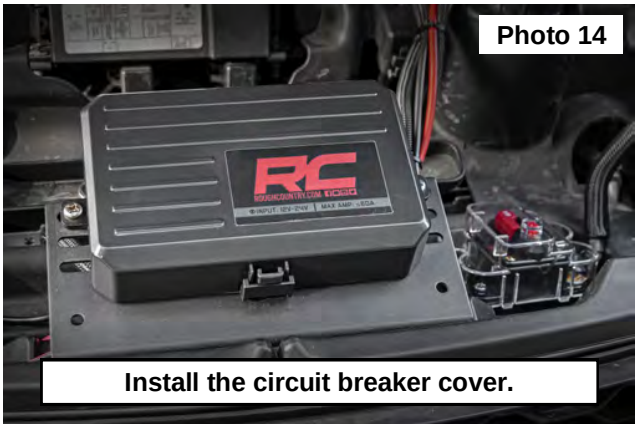
12. Mount the control panel into the desired location and connect the wiring harness together. Tighten the threaded nut to secure and seal the connectors. **See Photos 11 and 12.**





13. Connect the wiring from the products that will be used by the switch panel. Choose from the fused 5A, 10A, 20A, 30A slots for your application. **See Photo 13.**
14. Press each button on the switch panel to confirm the switched product is working properly.
15. Install the circuit breaker cover. **See Photo 14.**





16. Choose the appropriate sticker for each switched application and apply onto the switch panel. **See Photo 15.**

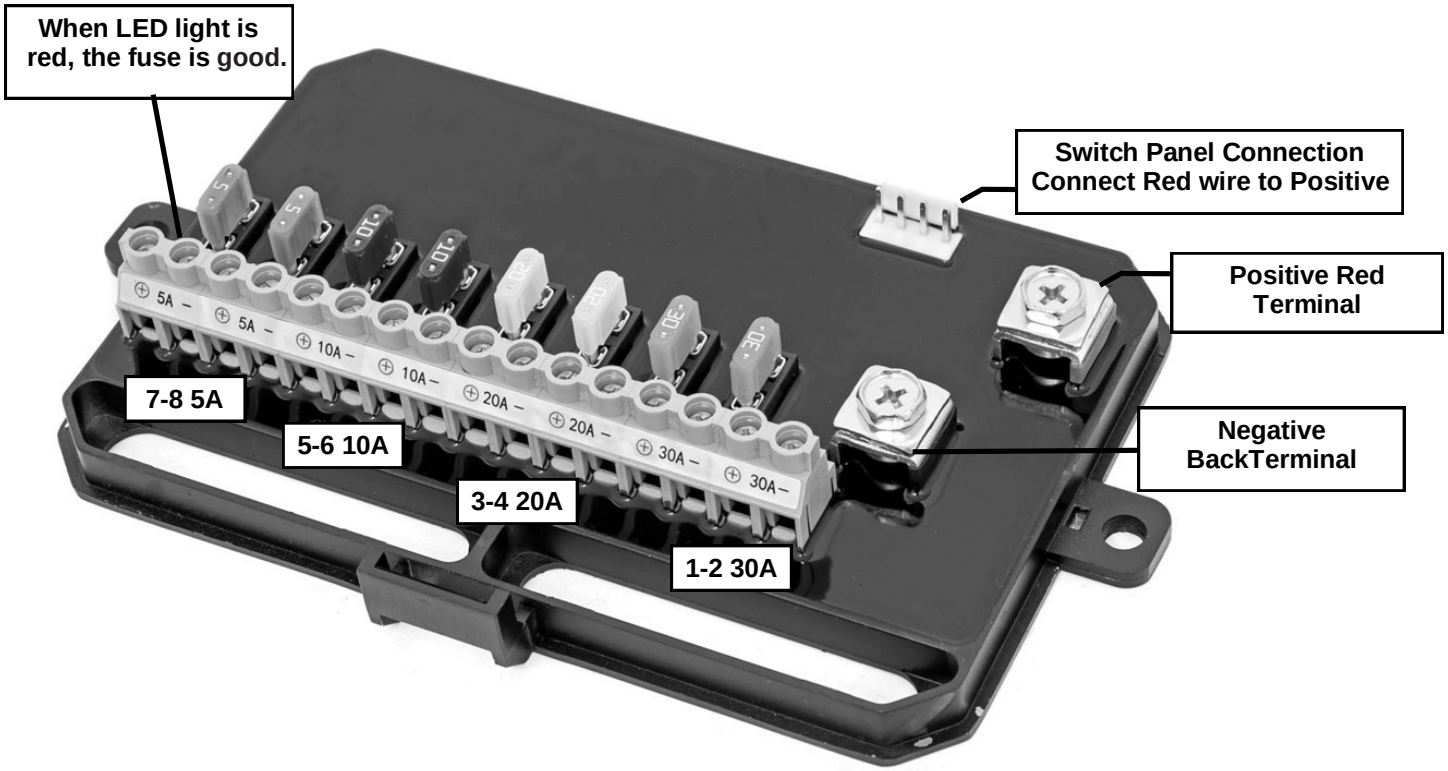


17. Apply 8 of the stickers that closely matches the switched application onto the buttons of the switch panel. **See Photo 16.**

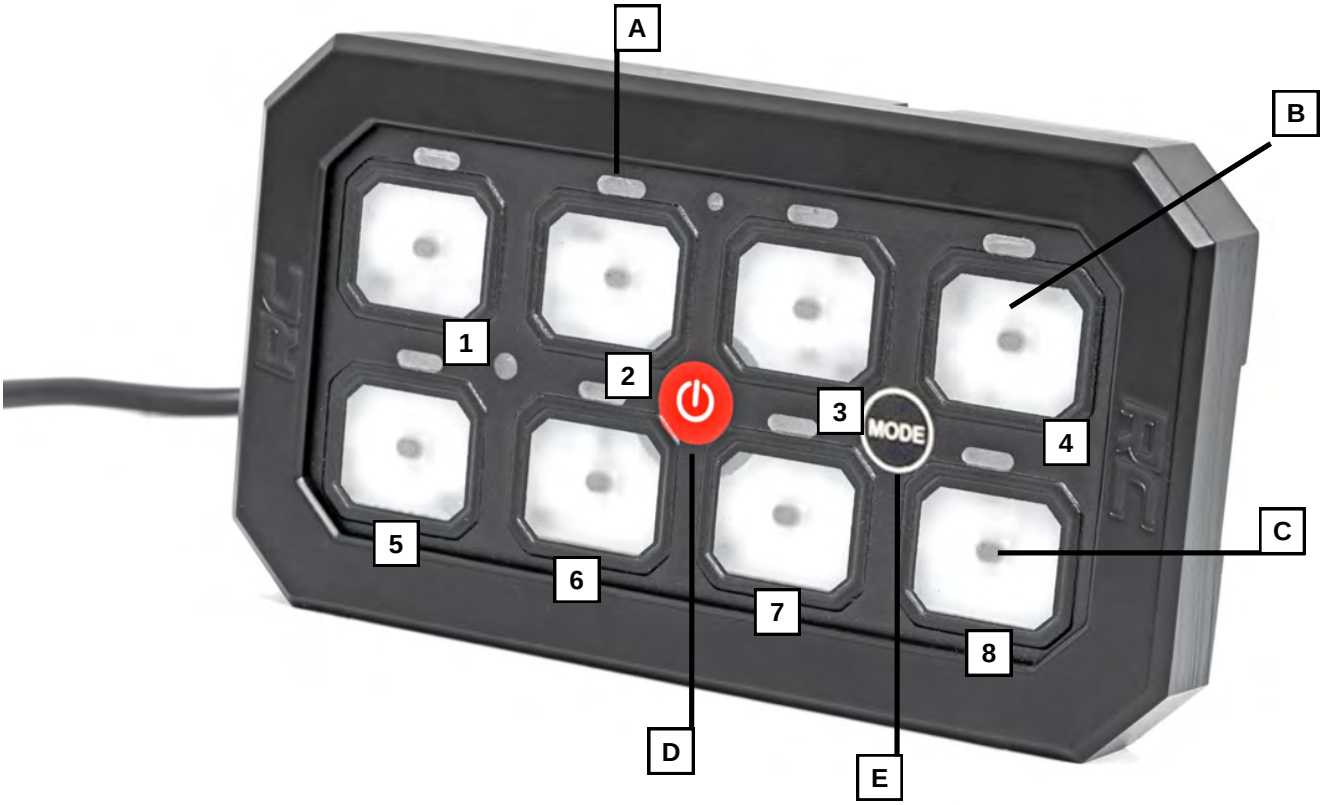


Backlight Color Change Instructions

1. Press and hold the **Mode** button while quickly pressing button 1-8. (Do not hold the accessory button). Release the **Mode** button.
2. Press and hold **Button 1** to cycle through the available colors.
3. When the desired color is shown, press and release the **Mode** button to confirm.



Note Switch number as it coordinates with fuse panel and Amperage



A-Red LED lights up to show the circuit is on.
B-Area for DIY placement of the selected labels.
C-Blue LED illumination area, back light for the label.
D-Manual power activation button, press to turn on/off. Function momentary.
E-Mode Button to turn Backlights off/on

Wire Connections

This switch panel control system has eight switch circuits, each has a maximum current rating. The total operating amperage of the connected accessories can not exceed 60 amps(600 watts). You may have multiple electrical devices or auxiliary LED lights connected that total more than 60 amps, but you can not have them turned on at the same time. Otherwise, the control box will be damaged. The switch panel comes configured with the following fuses:
Circuit 1 30A, Circuit 2 30A, Circuit 3 20A, Circuit 4 20A, Circuit 5 10A, Circuit 6 10A, Circuit 7 5A, Circuit 8 5A.

Spare Fuses

Spare fuses and fuse removal / install tool are supplied under the circuit breaker cover.



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