Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's date code in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference. 26a

ROADSHOCK™

8-GANG SWITCH PANEL



Visit our website at: https://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-800-444-3353 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

Specifications

Rating	12/24VDC, 60A
Panel IP Rating	IP54

Important Safety Information

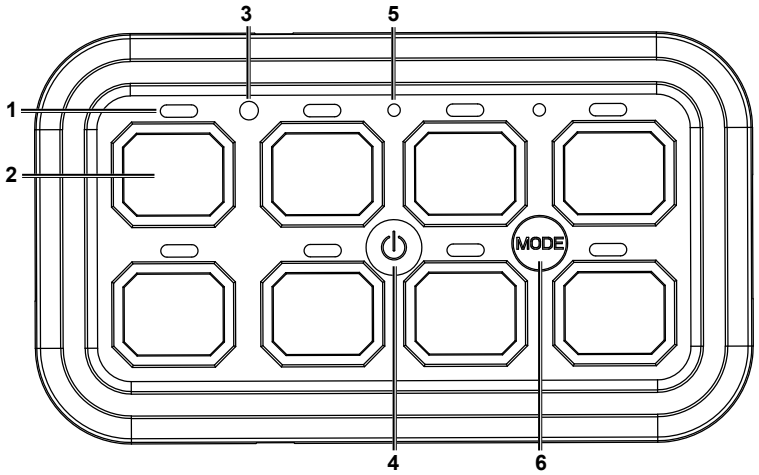
Installation Precautions

1. For off-road use only.
2. Install on vehicles that will not be used on public roads only.
3. Install only according to these instructions. Improper installation can create hazards.
4. Wear ANSI-approved safety goggles and heavy-duty work gloves during Installation.
5. Keep installation area clean and well lit.
6. Keep bystanders out of the area during installation.
7. Do not install when tired or when under the influence of drugs or medication.
8. Read all instructions and safety precautions in the vehicle's manual onto which the Light Bar will be installed.
9. Install on negative ground 12/24VDC systems only.
10. Keep wiring away from hot surfaces and moving parts.
11. Do not install Switch Panel where it could restrict sufficient airflow to the radiator or obstruct the headlights and/or turn signals of vehicle.

Use Precautions

1. This product is not a toy. Do not allow children to play with this item.
2. Use as intended only. Not for marine use. Do not mount underwater.
3. Inspect before every use; do not use if parts are loose or damaged.
4. To prevent damage, turn lights off before starting or turning off the vehicle.
5. This product may not meet D.O.T. requirements for use on public roads or highways. Follow local, state, and federal regulations.
6. Turn off lights and allow them to cool completely before handling.
7. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

Functions



1. Circuit Power Indicator
2. Panel Button
3. Sensor Circuit Indicator
4. Power Button
5. Power Indicator
6. Mode Change Button

Installation Instructions

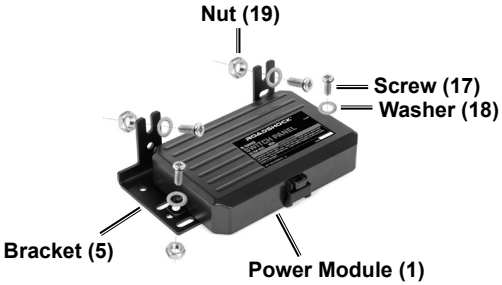
Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this document including all text under subheadings therein before set up or use of this product.

CAUTION! Mount to flat, stable location with adequate clearance. If drilling is required, beware of any hidden electrical lines or cables. Do not damage or weaken the structural integrity of the mounting location.

Power Module Installation

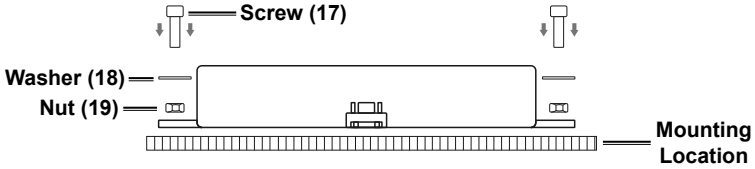
Fixed Mount

1. Place Power Module (1) on the Fixed Mount Bracket (5) and secure using 2 sets of Washer (18), Nut (19), and Screw (17) through each mounting hole on the Module.
2. Secure Bracket to mounting location using 2 sets of Washer (18), Nut (19), and Screw (17) through each post on the Bracket.



Flush Mount

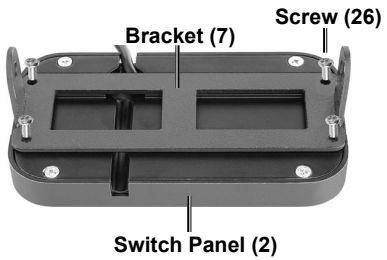
1. Using 2 sets of Washer (18), Nut (19), and Screw (17), secure Flush Mount (6) and Power Module to mounting location.



Switch Panel Mounting

Adjustable Mount Bracket

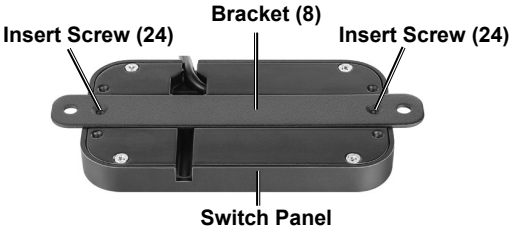
1. Secure Adjustable Mount Bracket (7) to Switch Panel (2) using 4 Screws (26).



2. Adjust the angle of Switch Panel by using Hex Wrench (28) to loosen and tighten bolts until the desired angle is achieved.

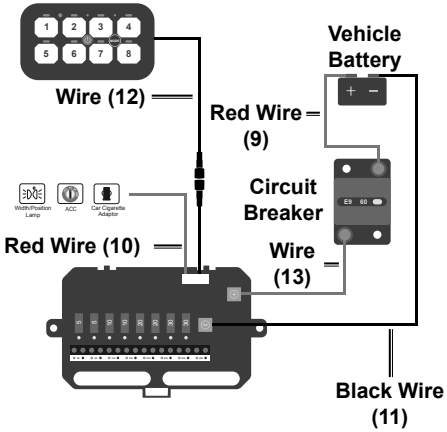
Slim Flush Mount

1. Secure Slim Flush Mount Bracket (8) to Switch Panel using 2 Screws (24).



2. Secure Switch Panel and Bracket to mounting location using 2 ST4.8*25 Screws (20) or ST4.8*18 Screws (21) or ST4.8*10 Screws based on thickness of location.

Wiring Diagram



Note: Connect small Red Wire (10) from Control Box to either the vehicle's cigarette lighter, ACC, or Width/Position Lamp.

Circuitry Panel

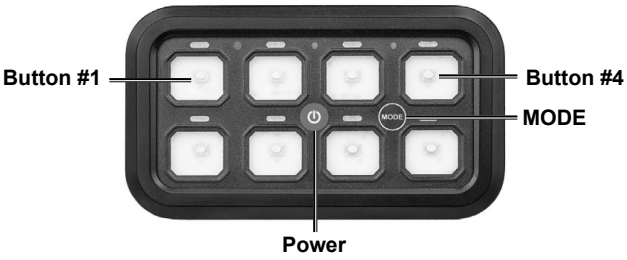
Note the different amperage capacities per each Panel circuit and attach wiring accordingly.

Circuit 1	Circuit 2	Circuit 3	Circuit 4
30A	30A	20A	20A
Circuit 5	Circuit 6	Circuit 7	Circuit 8
10A	10A	5A	5A



Backlight Color Adjustment

1. Switch Panel backlight color is Green by default. To adjust Switch Panel backlight color, press and hold **Mode** and any other button simultaneously. Backlight color will turn Red.
2. Press and hold button 1 or 4 to scroll through color options. When desired color is found, press **Mode** to save backlight color. To reset backlight color, press and hold **Mode** for 10 seconds.



Toggle/Momentary/Pulse/Blinking Settings

1. To switch between the above settings, double click **Mode**. All indicator lights will blink.
2. Press each panel button until the desired setting is reached. Toggle mode will show as Red, Momentary mode will show as Blue, Pulse mode will show as Green, and Blinking mode will show as Yellow.
3. To save these settings, press **Mode** again.

Mode	Color
Toggle	Red
Momentary	Blue
Pulse	Green
Blinking	Yellow

Maintenance

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this document including all text under subheadings therein before set up or use of this product.

⚠WARNING

TO PREVENT SERIOUS INJURY OR DEATH FROM DRIVING HAZARDS: Test operation of all lights before every use. Troubleshoot and repair wiring properly before using. Do not use while trailer light operation does not match vehicle light operation, if any lights do not light up, or if any lights flicker. Park on level area away from traffic and set vehicle parking brake/chock tires before diagnosing or servicing lights.

Cleaning and Maintenance

1. **BEFORE EACH USE,** inspect the general condition of the tool. Check for:
   - loose hardware,
   - cracked or broken parts,
   - damaged electrical wiring, and
   - any other condition that may affect its safe operation.
2. **AFTER USE,** wipe external surfaces of the tool with clean cloth.

Troubleshooting

Problem	Possible Causes
Light does not light up.	1. Power switch is not in “On” position. 2. Wiring connections are loose. 3. Wiring is damaged. 4. Wires are not connected according to the correct polarity.
Follow all safety precautions whenever diagnosing or servicing the lights. Park on level area away from traffic and set vehicle parking brake/chock tires.	

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND INSTALLATION DIAGRAM IN THIS DOCUMENT AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

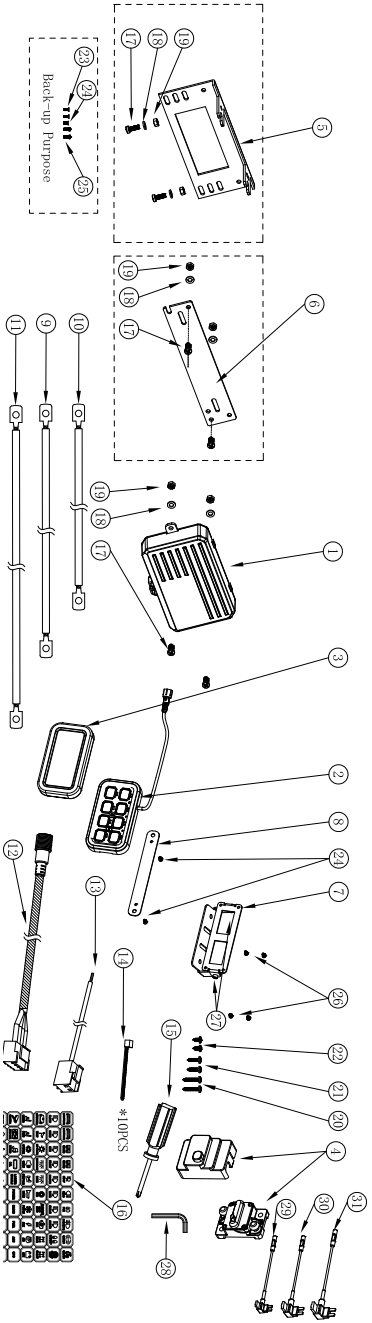
Parts List and Diagram

Parts List

Part	Description	Qty.
1	Power Module	1
2	Switch Panel	1
3	Panel Cover	1
4	60A Circuit Breaker	1
5	Fixed Mount Bracket	1
6	Flush Mount Bracket	1
7	Adjustable Mount Bracket	1
8	Slim Flush Mount Bracket	1
9	24in Red Wire	1
10	17in Red Wire	1
11	33in Black Wire	1
12	10ft Wire	1
13	Short Wire	1
14	Zip Tie	10
15	Phillips Head Screwdriver	1

Part	Description	Qty.
16	Label Sheet	60
17	M6*16 Round Head Screw	4
18	M6 Washer	4
19	M6 Nut	4
20	ST4.8*25 Screw	2
21	ST4.8*18 Screw	2
22	ST4.8*10 Screw	2
23	M3*8 Cross Countersunk Screw	2
24	M3*6 Cross Countersunk Screw	3
25	M3*8 Phillips Head Screw	2
26	M3*6 Phillips Head Screw	4
27	M5*8 Hex Socket Screw	2
28	Hex Wrench	1
29	Fuse Adapter Small	1
30	Fuse Adapter Medium	1
31	Fuse Adapter Large	1

Assembly Diagram



Record Date Code Here: _____

Note: If product has no date code record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Parts may not be interchangeable. Specify UPC 193175548276 when ordering parts:

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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