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› [Rough Country](#) /

› Rough Country 20-Inch LED Light Bar (Model 70720BL) Instruction Manual

Rough Country 70720BL

Rough Country 20-Inch LED Light Bar Instruction Manual

Model: 70720BL

1. INTRODUCTION

Thank you for choosing the Rough Country 20-Inch LED Light Bar. This product is engineered to provide powerful and focused illumination for off-road applications, enhancing visibility and safety. This manual contains essential information for the proper installation, operation, and maintenance of your new LED light bar.



Image 1: Rough Country 20-Inch LED Light Bar

2. SAFETY INFORMATION

Rough Country recommends that a certified technician install lift systems. Knowledge of Rough Country instructions, suspension procedures, and post-installation checks are required. If a system is installed without adequate knowledge and expertise, it may impact the integrity and operating safety of the vehicle.

3. LEGAL DISCLAIMER

It is the buyer's responsibility to ensure all bolts and nuts are checked for tightness after the first 500 miles of use, and subsequently every 1,000 miles. Vehicle components such as wheel alignment, steering system, suspension, and driveline systems must be inspected by a qualified, professional mechanic at least every 3,000 miles.

4. WHAT'S IN THE BOX

Please verify that all components are present before beginning installation:

- One (1) 20-Inch LED Light Bar
- One (1) Wiring Harness with On/Off Switch
- One (1) Light Bar Cover
- Mounting Hardware (various brackets, bolts, nuts, washers)



Image 2: Included Components

5. SPECIFICATIONS

Model Number	70720BL
Power Output	100 Watts
LED Type	CREE LED
Lumen Output	7200 Lumens
Beam Pattern	30-degree Spot Beam
Material	Aluminum, Polycarbonate (PC), Stainless Steel
Water Resistance	IP67 Waterproof
Dimensions (L x W x H)	30 x 4.25 x 5.5 inches
Item Weight	6.78 pounds

6. SETUP AND INSTALLATION

The Rough Country 20-Inch LED Light Bar is designed for straightforward installation. A premium flat-wound wiring harness with an on/off switch is included for quick setup. Adjustable swivel mounts provide flexible mounting options.

1. **Identify Mounting Location:** Choose a suitable location on your vehicle for the light bar. Consider factors such as beam direction, clearance, and aesthetic integration.
2. **Secure Light Bar:** Use the provided mounting hardware to securely attach the light bar to your chosen location. Ensure all bolts are tightened to prevent movement or vibration.
3. **Wiring Connection:** Connect the wiring harness directly to your vehicle's 12V battery terminals (positive to positive, negative to negative). Ensure connections are secure and insulated.
4. **Route Switch Wiring:** Route the on/off switch wiring into the vehicle's cabin, if desired, ensuring it does not interfere with moving parts or get pinched.
5. **Test Functionality:** Before finalizing all connections and tidying up wiring, test the light bar to ensure it illuminates correctly.

Note: For optimal safety and performance, professional installation by a certified technician is recommended.



Image 3: Light Bar Installed on Vehicle (Daytime)

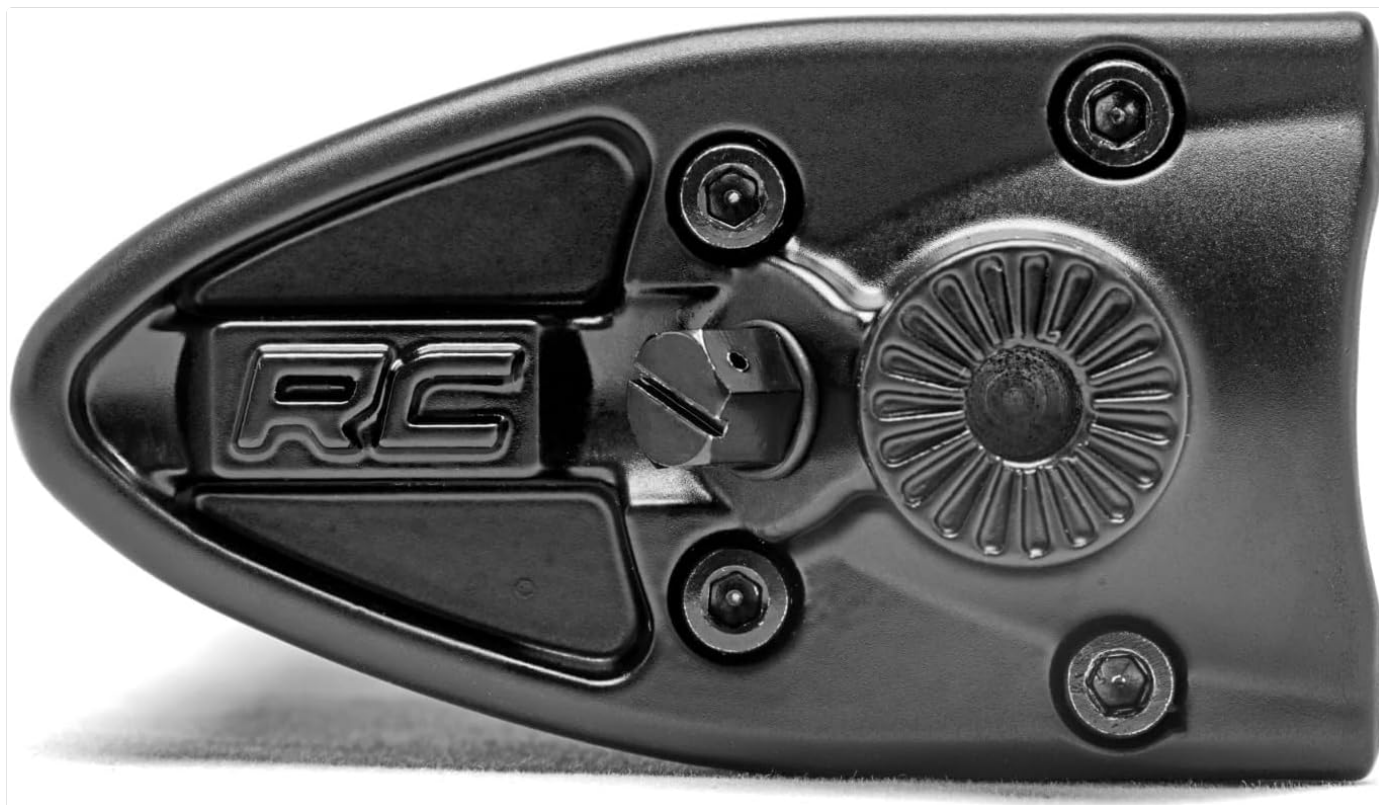


Image 4: Close-up of Light Bar Mounting Point

7. OPERATION

Once properly installed and wired, operate the light bar using the included on/off switch. The 30-degree spot beam provides focused, long-distance lighting, which is ideal for navigating off-road trails or in conditions requiring enhanced forward visibility.



Image 5: Light Bar Illuminated at Night

8. MAINTENANCE

- **Hardware Inspection:** Regularly inspect all mounting hardware for tightness. This is crucial after the first 500 miles of use and every 1,000 miles thereafter to ensure the light bar remains securely fastened.
- **Cleaning:** Clean the light bar lens with a soft cloth and mild, non-abrasive soap to maintain optimal light output. Avoid harsh chemicals that could damage the lens material.
- **Wiring Check:** Periodically check the wiring harness connections to ensure they remain secure and free from corrosion or damage.
- **Lens Protection:** Utilize the snap-on light cover when the light bar is not in use or during storage to protect the lens from debris and environmental elements.



Image 6: Light Bar with Protective Cover

9. TROUBLESHOOTING

- **Light Bar Not Illuminating:**
 - Verify all wiring connections are secure and properly insulated.
 - Check the functionality of the on/off switch.
 - Inspect the vehicle's fuse for the light bar circuit and replace if blown.
 - Ensure battery connections are clean and tight.
- **Reduced Light Output:**
 - Clean the light bar lens to remove dirt or debris.

- Inspect for any physical damage to the LEDs or the light bar housing.
- **Excessive Noise or Vibration:**
 - Ensure all mounting hardware is securely tightened.
 - Verify that any noise silencers or dampeners are correctly installed.

10. WARRANTY AND SUPPORT

The Rough Country 20-Inch LED Light Bar is backed by Rough Country's 3-year warranty, providing peace of mind for your off-road adventures.

For technical assistance, warranty claims, or additional product information, please contact Rough Country customer support or visit the official brand store:

[Visit the Rough Country Store](#)

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