

RIGID 140313

Rigid Industries 140313 E-Series Pro LED Light Bar User Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Rigid Industries 140313 E-Series Pro LED Light Bar. The E-Series Pro is a versatile lighting solution designed for various applications, including off-road, powersports, marine, general automotive, and first responder uses. It features advanced LED technology for enhanced performance and durability.

Please read this manual thoroughly before installation and use to ensure safe and optimal performance of your product.

SAFETY INFORMATION

Warning: Failure to follow these safety instructions may result in property damage, personal injury, or product malfunction.

- Always disconnect the vehicle's battery before beginning any electrical installation.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Mount the light bar securely to prevent it from becoming a projectile during vehicle operation.
- Do not look directly into the light bar when it is illuminated, as it can cause temporary vision impairment.
- Verify that the light bar's operation complies with all local, state, and federal regulations regarding auxiliary lighting.
- Wear appropriate personal protective equipment (PPE) during installation, such as safety glasses and gloves.

PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- Rigid Industries 140313 LED Light Bar (1 unit)
- Mounting Brackets (2 units)
- Hardware Kit (bolts, washers, nuts)
- Wiring Harness (sold separately or included with specific kits)

If any items are missing or damaged, please contact customer support.

SETUP AND INSTALLATION

This light bar is designed for universal fitment, but specific vehicle applications may require custom mounting solutions. Professional installation is recommended.



Image: The Rigid Industries 140313 E-Series Pro LED Light Bar, featuring multiple rows of clear LED lenses within a black housing, with mounting brackets visible on each end.

Mounting Instructions:

1. **Choose Mounting Location:** Select a secure and appropriate location on your vehicle that provides adequate clearance and does not obstruct other vehicle functions or lighting.
2. **Attach Brackets:** Secure the provided mounting brackets to the light bar using the supplied hardware. Do not fully tighten at this stage.
3. **Position Light Bar:** Place the light bar with attached brackets onto the desired mounting surface. Mark the drilling locations if necessary.
4. **Secure to Vehicle:** Drill pilot holes if required, then securely fasten the light bar to the vehicle using the appropriate hardware. Ensure the light bar is level and aimed correctly. Fully tighten all mounting hardware.

Wiring Instructions:

1. **Disconnect Battery:** Always disconnect the negative terminal of your vehicle's battery before starting any wiring.
2. **Connect Power:** Connect the positive wire from the light bar (typically red) to a fused 12V power source. It is recommended to use a relay and switch for proper operation and circuit protection.
3. **Connect Ground:** Connect the negative wire from the light bar (typically black) to a clean, unpainted metal surface on the vehicle chassis or directly to the negative battery terminal.
4. **Install Switch (Optional):** If using a switch, wire it according to the switch manufacturer's instructions, typically controlling the relay.
5. **Test Functionality:** Reconnect the battery and test the light bar's operation. Ensure all connections are secure and the light functions as expected.

OPERATING INSTRUCTIONS

The Rigid Industries 140313 E-Series Pro LED Light Bar is designed for straightforward operation once properly installed.

- **Activation:** Turn on the light bar using the installed switch.
- **Beam Patterns:** The E-Series Pro is available with various optics, including spot, flood, driving, HyperSpot, diffused, and combination patterns. The specific beam pattern of your light bar is determined by its configuration at the time of purchase.
- **Adjustment:** The light bar's angle can be adjusted by loosening the mounting hardware, repositioning the light, and then re-tightening the hardware. Ensure proper aiming to maximize visibility and avoid blinding other drivers.
- **Deactivation:** Turn off the light bar using the installed switch when not in use.

MAINTENANCE

Regular maintenance will help ensure the longevity and optimal performance of your LED light bar.

- **Cleaning:** Clean the polycarbonate lens periodically with a soft cloth and mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the lens.
- **Hardware Check:** Periodically inspect all mounting hardware for tightness. Vibrations from vehicle operation can cause bolts to loosen over time.
- **Wiring Inspection:** Check wiring connections for any signs of corrosion, fraying, or damage. Ensure all connections remain secure and insulated.
- **Lens Condition:** Inspect the polycarbonate lens for cracks or severe scratches. While durable, significant impact can cause damage.

TROUBLESHOOTING

If you encounter issues with your Rigid Industries 140313 E-Series Pro LED Light Bar, refer to the following common problems and solutions:

- **Light Bar Does Not Turn On:**
 - Check all wiring connections for looseness or corrosion.
 - Verify that the fuse in the power circuit is intact and not blown.
 - Ensure the vehicle battery has sufficient charge.
 - Test the switch for proper functionality.
 - Confirm the ground connection is secure and making good contact.
- **Light Bar Flickers or Is Dim:**
 - Inspect wiring for loose connections or inadequate gauge wire.
 - Check for voltage drops in the power supply.
 - Ensure the vehicle's charging system is functioning correctly.
- **Moisture Inside Lens:**
 - While designed to be weather-resistant, extreme conditions or improper installation can sometimes lead to moisture. If persistent, contact customer support.

If troubleshooting steps do not resolve the issue, contact Rigid Industries customer support.

SPECIFICATIONS

Feature	Detail
Brand	RIGID
Model Number	140313
Form Factor	Bar
Dimensions (L x W x H)	43.25 x 6 x 6 inches
Item Weight	15 Pounds
Material	Polycarbonate (PC) Lens

Feature	Detail
Included Components	Rigid Industries 140313 LED Light Bar
Fit Type	Universal
Manufacturer Part Number	652-140313
UPC	849774012556

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Rigid Industries website or contact their customer service department directly. Keep your proof of purchase for warranty claims.

Rigid Industries Contact Information:

- **Website:** www.rigidindustries.com (This is a placeholder link, please verify the actual website)
- Refer to the product packaging or official website for the most current contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question