



[Manuals.plus](#) /

> [AmeriLite](#) /

> AmeriLite Chrome Reinforced LED Projector Headlight Set Instruction Manual for 2015-2017 Ford F-150

AmeriLite F150 Headlight Set

AmeriLite Chrome Reinforced LED Projector Headlight Set

INSTRUCTION MANUAL FOR 2015-2017 FORD F-150

Introduction

Thank you for choosing the AmeriLite Chrome Reinforced LED Parking Light Bar Dual Square Projector Headlight Set. This manual provides essential information for the proper installation, operation, and maintenance of your new headlights. Please read this manual thoroughly before beginning installation or use to ensure safe and correct operation.

This headlight set is designed to enhance visibility and the aesthetic appeal of your vehicle while meeting DOT & SAE standards.

Vehicle Compatibility

This headlight set is compatible with the following Ford F-150 models:

- 2015 Ford F-150
- 2016 Ford F-150
- 2017 Ford F-150

Note: This product is **NOT** compatible with factory Xenon HID versions of the Ford F-150.



COMPATIBLE WITH

2015-2017 FORD F-150

XL | XLT | KING RANCH | LARIAT | LIMITED | PLATINUM

DO NOT FIT FACTORY XENON HID VERSION

MADE IN TAIWAN



Image showing the compatible Ford F-150 models (XL, XLT, King Ranch, Lariat, Limited, Platinum) and a clear warning that the product does not fit factory Xenon HID versions.

Safety Information

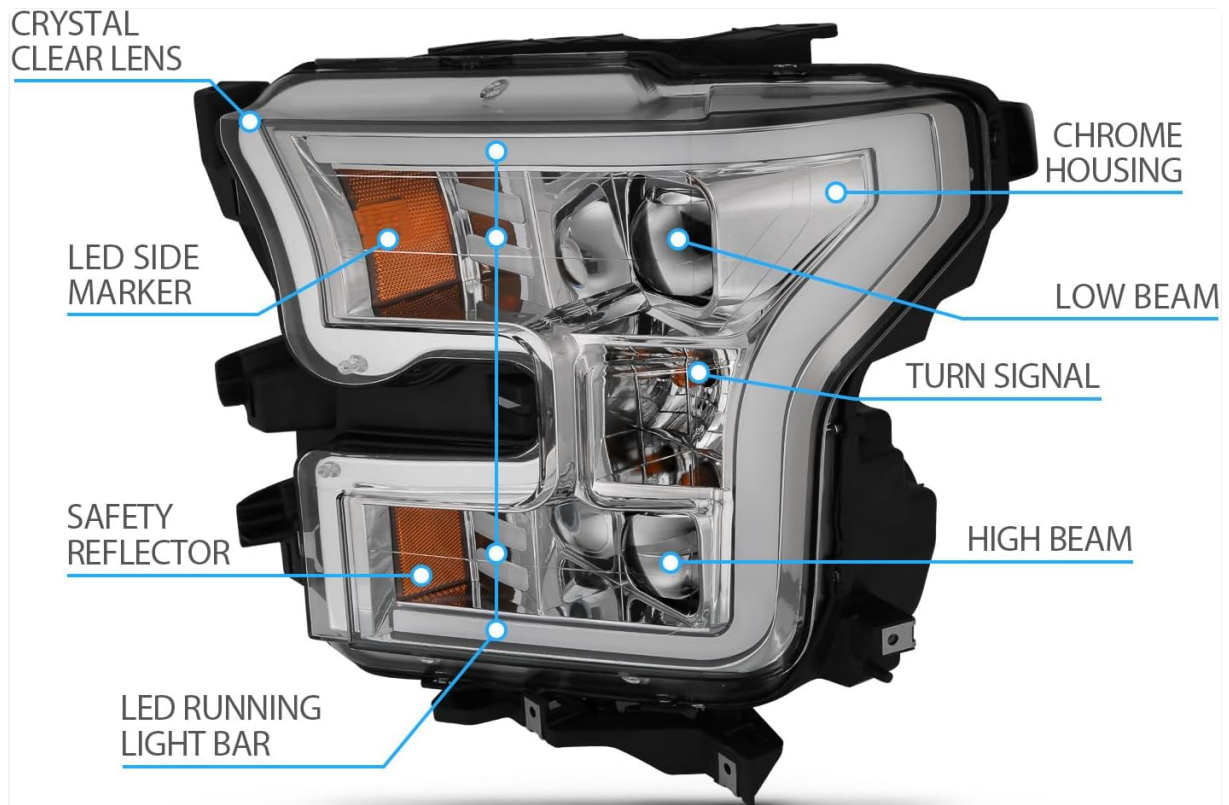
- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Professional installation is strongly recommended due to the complexity of automotive electrical systems.
- Do not modify the headlight assembly. Any modifications may void the warranty and compromise safety.

Parts List

The complete set includes the following components:

- 1x Driver Side Headlight Assembly

- 1x Passenger Side Headlight Assembly
- 2x H7 Bulbs for Low Beam
- 2x H7 Bulbs for High Beam
- 2x 7443 Amber Bulbs for Turn Signal



INCLUDED



Low Beam
H7 Bulb



High Beam
H7 Bulb



Turn Signal
7443 Amber Bulb

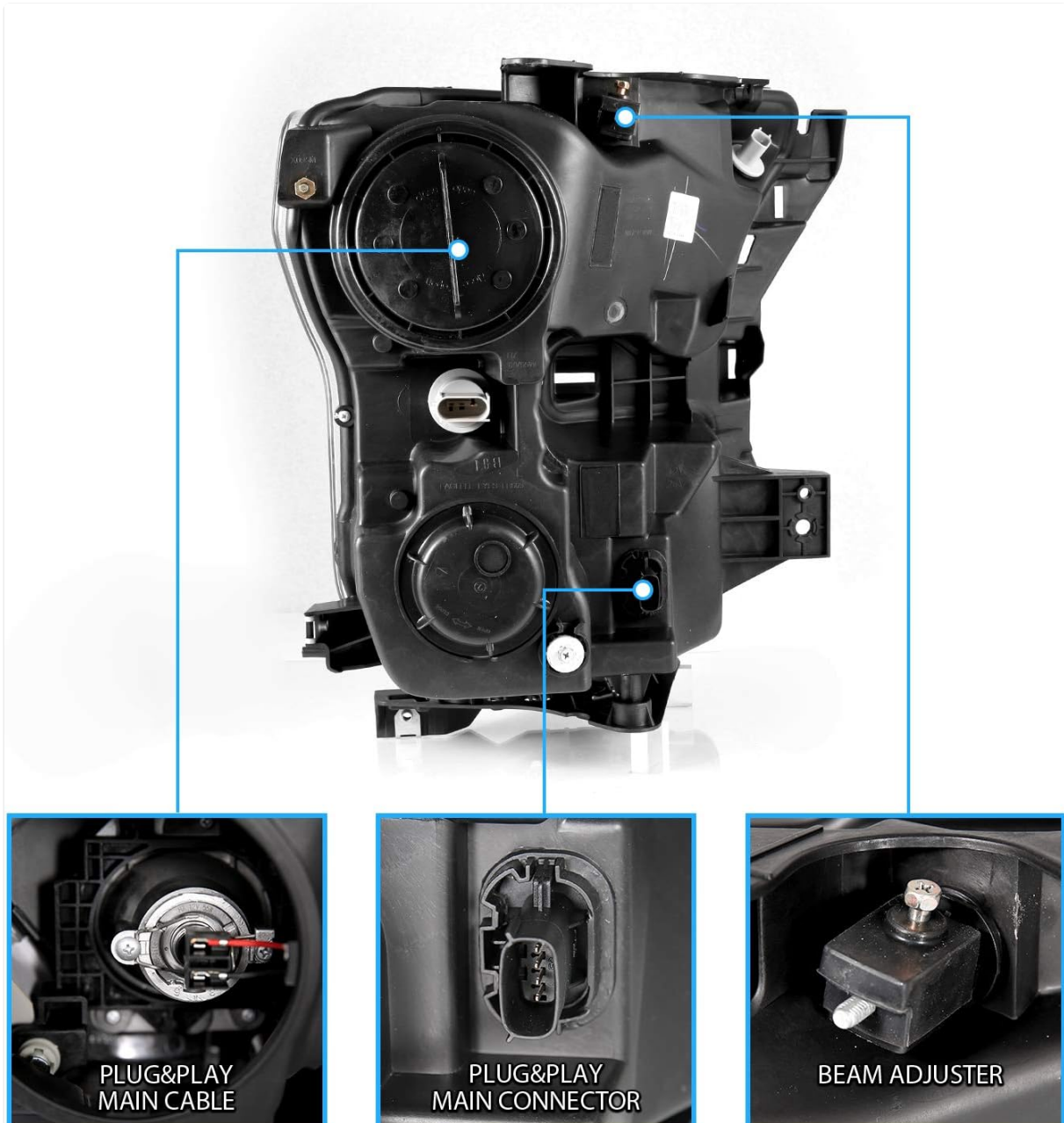
Detailed diagram illustrating the various components of the headlight assembly and the types of bulbs included for low beam, high beam, and turn signals.

Setup and Installation

This headlight set is designed for direct OEM replacement, requiring no modifications to your vehicle's existing structure. Follow these general steps for installation:

1. **Preparation:** Park your vehicle on a level surface, engage the parking brake, and turn off the engine. Disconnect the negative terminal of the vehicle's battery.
2. **Access:** Depending on your vehicle model, you may need to remove the grille or other front-end components to access the existing headlights.
3. **Remove Old Headlights:** Disconnect the wiring harnesses from the back of the old headlight assemblies. Unbolt and carefully remove the old headlights.
4. **Install New Headlights:** Connect the wiring harnesses from the new AmeriLite headlight assemblies to the vehicle's corresponding connectors. Ensure a secure fit.

5. **Mount Headlights:** Position the new headlight assemblies into place and secure them with the original bolts.
6. **Beam Adjustment:** Locate the beam adjuster screws on the back of the headlight assembly (refer to image below). Adjust the headlight beam vertically and horizontally as needed to ensure proper alignment and visibility.
7. **Reconnect Battery:** Once both headlights are installed and secured, reconnect the negative terminal of the vehicle's battery.
8. **Test Functionality:** Turn on your vehicle's lights (low beam, high beam, turn signals, parking lights) to ensure all functions are working correctly.



Rear view of the headlight assembly highlighting the plug-and-play main cable, main connector, and the beam adjuster for precise light alignment.

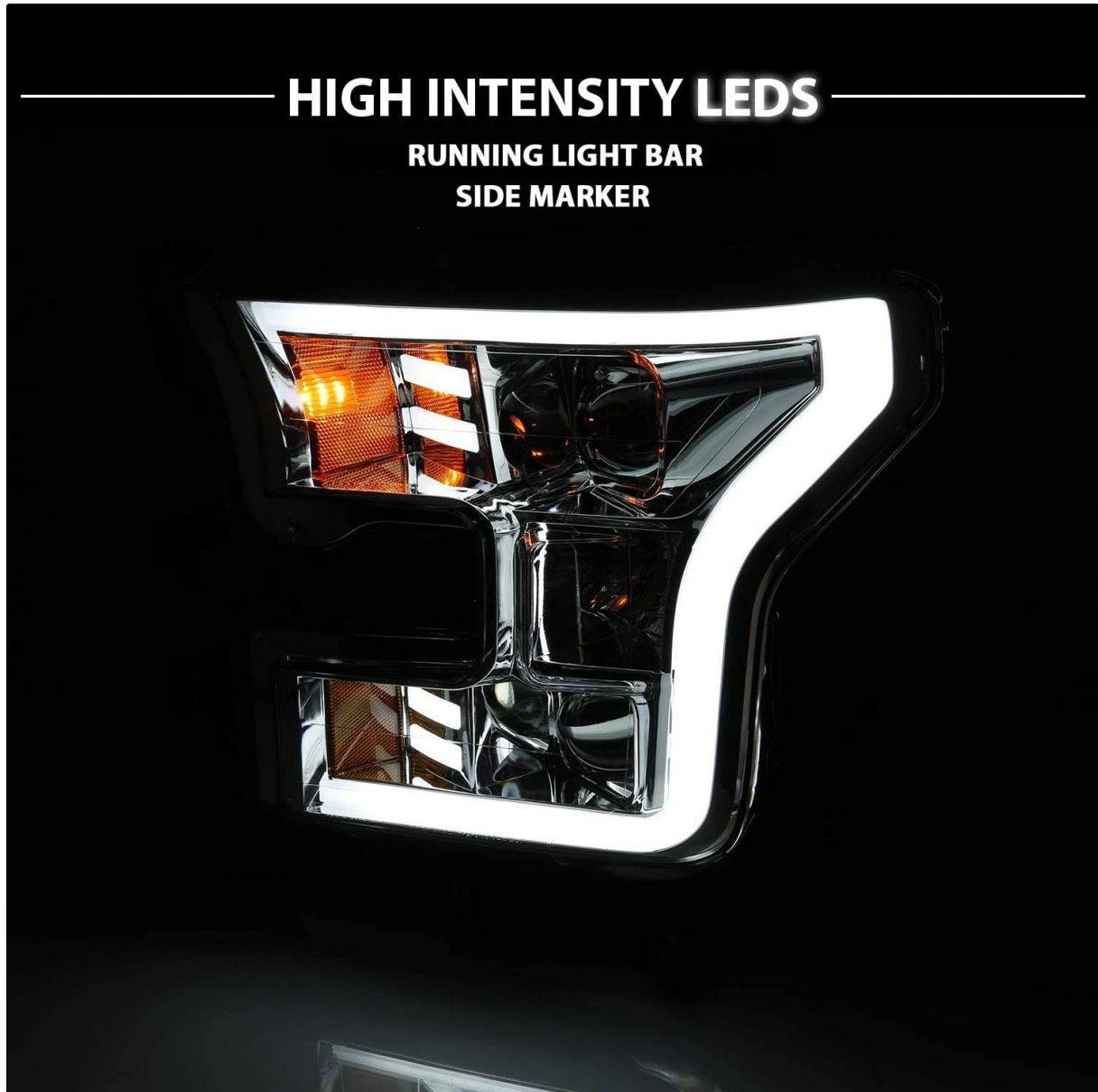
Operating Instructions

The AmeriLite headlight set operates using your vehicle's standard lighting controls. It features:

- **Low Beam:** Provides standard illumination for everyday driving.
- **High Beam:** Offers increased illumination for improved visibility in dark conditions. Use responsibly

and dim for oncoming traffic.

- **Turn Signals:** Amber bulbs indicate your intended turns or lane changes.
- **LED Running Light Bar:** The integrated LED light bar provides a distinctive daytime running light (DRL) or parking light feature, enhancing vehicle visibility.



The AmeriLite headlight illuminated, demonstrating the bright and clear output of the LED running light bar and the main projector lights.

Maintenance

- **Cleaning:** Clean the headlight lenses regularly with a soft cloth and mild soap and water. Avoid abrasive cleaners or harsh chemicals that can damage the UV and abrasive coating.
- **Bulb Replacement:** If a bulb needs replacement, ensure the vehicle is off and the battery is disconnected. Access the bulb from the rear of the headlight assembly, carefully remove the old bulb, and insert the new one. Use only the specified bulb types (H7 for low/high beam, 7443 Amber for turn signal).
- **Inspection:** Periodically inspect the wiring and connections for any signs of wear, corrosion, or damage.

Troubleshooting

Problem	Possible Cause	Solution
Headlight not working	Loose connection, blown fuse, faulty bulb	Check all wiring connections. Inspect vehicle's fuse box for blown fuses and replace if necessary. Test or replace the bulb.
Dim or flickering light	Poor connection, low voltage, faulty bulb	Ensure connections are secure. Check vehicle's electrical system for proper voltage. Replace the bulb.
Moisture inside headlight	Condensation (normal in some conditions), seal issue	Small amounts of condensation usually dissipate. If excessive or persistent, check for proper sealing around the assembly.

Specifications

- **Brand:** AmeriLite
- **Model:** Chrome Reinforced LED Parking Light Bar Dual Square Projector Headlight Set
- **Light Source Type:** LED (Parking Light Bar), Halogen (H7 Low/High Beam), Halogen (7443 Amber Turn Signal)
- **Vehicle Type:** Truck
- **Voltage:** 12 Volts (DC)
- **Placement:** Front
- **Lens Color:** Smoke
- **Special Features:** UV and Abrasive Coating, Direct OEM Replacement, DOT & SAE Compliant



An overview of the AmeriLite Chrome Reinforced LED Projector Headlight Set, highlighting its design and features.

Warranty and Support

This AmeriLite headlight set comes with a **30-day free return/refund guarantee** and a **90-day limited warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. For warranty claims, technical support, or any questions regarding your product, please contact the seller or AmeriLite customer service through the platform where the purchase was made. Please have your purchase details and product model information ready.