



# Smart Headlights for Wrangler JL

## Installation Instructions

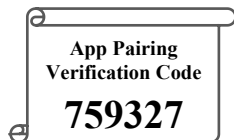
### Before You Begin

- Please carefully read through this manual and check to ensure that the product is intact and all accessories are included. After installation, keep this manual for future reference.
- Please watch the installation video in the listing before your installation. If you encounter any issues during installation or use of this product, please contact the seller's customer service, or scan the QR code on the right to get help.

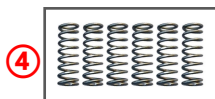


### Warning

- Before proceeding, park your vehicle in a spacious and safe area, turn off the engine, and remove the keys.
- We are not responsible for any injuries or accidents that may occur during the installation process.



### Product List



① : Main driver's side (Left) headlights \* 1

② : Passenger's side (Right) headlights \* 1

③ : Screw \* 6

④ : Spring \* 6

⑤ : Gasket \* 6

⑥ : Power/signal cables \* 6

## Function Description



Turn Signal Wire(Yellow wire)

DRL Wire(White wire)

The High and Low Beam harness(Connector)

The white extension wire(Accessory ⑥)

## Wire Connection

The white-green wire in the original vehicle's turn signal harness

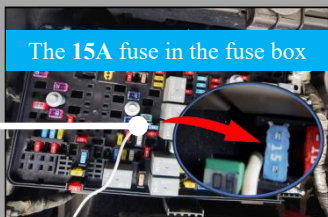
Connect the turn signal wire

Connect the DRL wire

Connect the High and Low Beam harness



The 15A fuse in the fuse box



## Tips

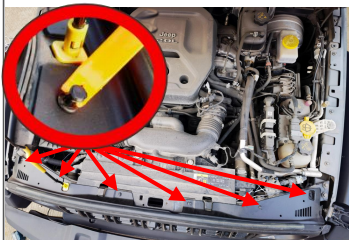
When connecting the DRL wires, it is recommended to first use an extension wire to connect the DRL wires of two headlights in series, and then connect the extension wire from the headlight closer to the 15A fuse in the fuse box.

The original high and low beam harness



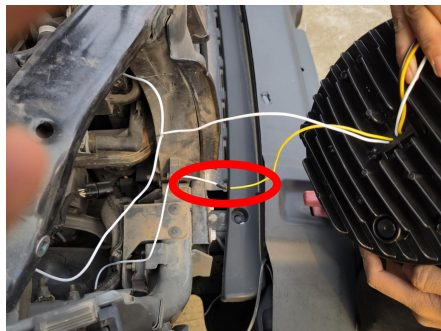
## Installation Steps

### Step ① : Remove the Original Headlights



- Open the hood, remove 6 plastic clips, and take off the grille.
- Unscrew 6 hex screws at the specified locations, then disconnect the connector to remove the old headlights.

### Step ② : Connect the Turn Signal Wire (Yellow Wire)



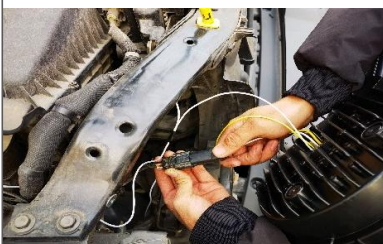
- unscrew one screw and remove two plastic clips above the left/right front wheel from the inner lining.
- From the accessory pack, take the white extension wire (Accessory ⑥), cut it to the required length, connect one end to the **white-green wire** in the original vehicle's turn signal harness, and the other end to the **yellow wire** (turn signal wire) of the new headlights.

### Step ③ : Connect the DRL Wire (White Wire)



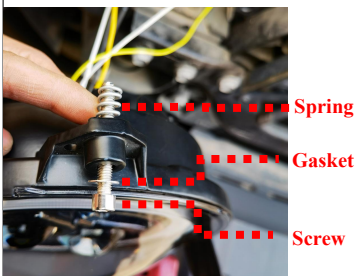
- From the accessory pack, take the white extension wire (Accessory ⑥), cut it to the necessary length, connect one end to the **15A fuse** in the fuse box, and the other ends to the **white wire** (DRL wire) of the new headlights.

### Step ④ : Connect the High and Low Beam



- Connect the new headlight's connector with the original vehicle's connector (disconnected when removing the old headlights).

### Step ⑤ : Secure the New Headlights



- Install the springs, washers, and screws according to the diagram.

### Step ⑥ : Adjust the High and Low Beam



- Adjust the tightness of the screws slightly to adjust the high and low beams.

### Tips

- After installation, check to ensure there are no exposed wires.
- To prevent damage to the product or vehicle, use insulating tape or cable ties to secure any loose wires.

# Using the APP to Control the Device

## Download and Install the APP

Search for "XLightShow" in the app store or scan the QR code below to download and install the XLightShow APP.



## Adding/Connecting a Device

- Enable Bluetooth on your smartphone.
- Turn on the device and stay within 5 meters of it.
- Open the APP and tap the "+" on the "My Devices" page, then follow the prompts to complete the Bluetooth pairing with the device.

## Device name for Bluetooth pairing

Left headlights(Accessory ①):

- **Wrangler Headlight LH**

Right headlights(Accessory ②):

- **Wrangler Headlight RH**

- ※ ① During use, the APP will request necessary permissions (such as scanning for nearby devices, microphone access, etc.). Please grant these permissions.
- ② This product requires enhanced verification during Bluetooth pairing (enter a 6-digit verification code), which is: **[759327]**.

## APP Features Overview

1. **Device Management:** Long press on a device to rename, group, or delete it.
2. **Group Management:** It is recommended to group similar type or model devices together to better display group characteristic icons.
3. **Device Control:** Tap on the device you want to control to enter its settings page, where you can choose from various control modes.
  - **Startup Animation:** Offers various startup animation effects; select an animation to apply to the device.
  - **DRL/Color:** Provides a color palette and quick color selection to change the displayed color of the device.
  - **Smart Scene:** Choose appropriate scene animations for different contexts to display varying effects on the device.
  - **Music Synchronization:** Collects audio from the smartphone's or device's microphone and displays effects based on the audio rhythm.
4. **Device Group Management:** Allows unified control over multiple devices.

## Device Group Control Management

- If you need to manage both the left and right headlights simultaneously (such as setting DRL light colors, Smart Scenes, Music Synchronization), you should use the group control feature. This involves selecting both the left and right headlights in the APP and creating a group control for unified management.
- For detailed instructions on using the group control function and APP, please refer to the "XLightShow User Manual".

- ※ In the group control "Music" mode, if the action of the lights is inconsistent, you can tap "Synchronize Devices Lighting display Effect" in the APP to sync.

## Warning

- **In the "Music" mode of the APP, the "Music sync with high & low beams" feature is provided. Please do not activate this feature while driving!**