

INSTALLATION & CARE

2021-2023 FORD F150 LEDS PROJECTOR HEADLIGHT INSTALLATION INSTRUCTION

BEFORE INSTALLATION:

- If you experience any difficulties that the instructions did not cover, please seek assistance at a local automotive shop.
- Please wear proper protective equipment before you work on any vehicle.
- An assistant is recommended when removing the front bumper from your vehicle.
- Please be cautious when working with the bumper or any parts belonging to the vehicle's body to prevent scratching.
- Do not make direct contact with the halogen bulbs or the wire assembly until the unit has cooled down after use.

TOOLS AND SUPPLIES REQUIRED

1/4" Ratchet	8 mm Socket	7 mm Socket	10 mm Deep Socket
			
Plastic Pry Bar	6" Socket Extension		
			

PRODUCT NUMBER

2LHE-F15021HJM-SQ-RS
2LHE-F15021HSM-SQ-RS
2LHE-F15021H-SQ-RS



LET'S START THE INSTALLATION



STEP 1

Open hood



STEP 2

Remove the (11) clips using the trim pad removal tool



STEP 3

Remove the (2) clips using the trim pad removal tool



STEP 4

Remove the (1) clip using the trim pad removal tool



STEP 5

Remove the radiator support cover



STEP 6

Remove the (2) 7mm mounting bolts on the side holding the upper bumper valance



STEP 7

Use plastic pry tool to assist in removing the upper valance



STEP 8

Remove the upper bumper valance



STEP 9

Remove the 8mm mounting bolt on the bottom of each side of the grill



STEP 10

Locate the temperature sensors above the center of the front grill



STEP 11

Disconnect the temperature sensors



STEP 12

Remove the (4) 10mm mounting bolts on the top side of the grill



STEP 13

Unseat the front grill



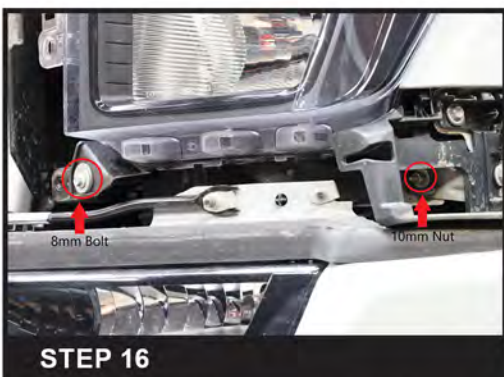
STEP 14

Use plastic trim pry tool to assist in removing the front grill



STEP 15

Remove the front grill



STEP 16

Remove the (1) 8mm mounting bolt and (1) 10mm nut at the bottom of the headlight



STEP 17

Remove the (2) 10mm mounting bolts and (1) clip on the top of the headlight



STEP 18

Remove the factory headlight



STEP 19

Disconnect the headlight connectors



STEP 20

Locate the fuse box in the engine compartment



STEP 21

Locate the fuse box in the engine compartment



STEP 22

Open the fuse box cover



STEP 23

Locate the 10amp fuse with ACC power (F19 Fuse)



STEP 24

Locate the 10amp fuse with ACC power (F19 Fuse)



STEP 25

Remove the 10-amp fuse from the F19 fuse location



STEP 26

The provided ACC wire for DRL Light Bar



STEP 27

ACC wire fuse connector



STEP 28

Install the provided ACC wire in the open F19 fuse location



STEP 29

Install the provided ACC wire in the open F19 fuse location



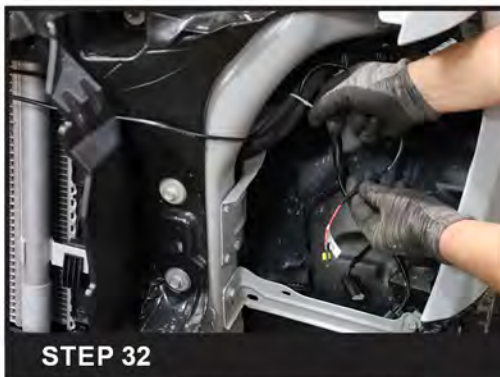
STEP 30

Install the fuse cover back on (Cut a small notch on the fuse box to allow the ACC wire to run through)



STEP 31

Run the provide ACC wire along the subframe *Keep clear of hot or moving objects



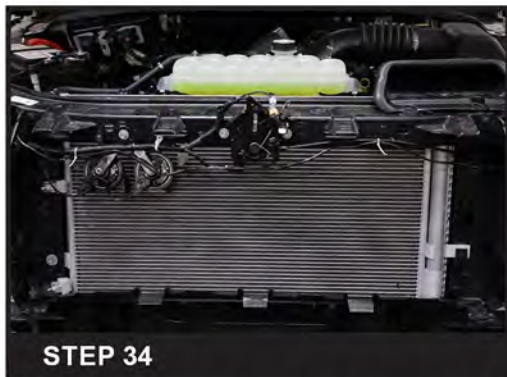
STEP 32

Run the provide ACC wire along the subframe *Keep clear of hot or moving objects



STEP 33

Zip-tie the provide ACC wire along the subframe *Keep clear of hot or moving objects



STEP 34

Zip-tie the provide ACC wire along the subframe *Keep clear of hot or moving objects



STEP 35

Zip-tie the provide ACC wire along the subframe *Keep clear of hot or moving objects



STEP 36

Plug in the headlight wiring harness and ACC wire connector to the new headlight



STEP 37

Install the new headlight housing



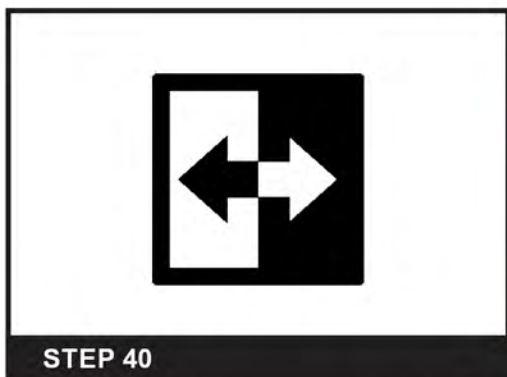
STEP 38

Install the (2) 10mm mounting bolts and (1) clip on the top of the headlight



STEP 39

Install the (1) 8mm mounting bolt and (1) 10mm nut at the bottom of the headlight



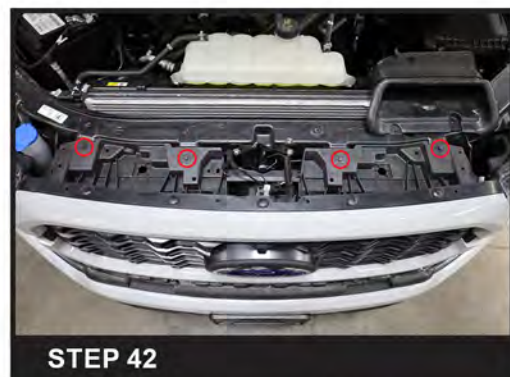
STEP 40

Repeat all the steps on the other side



STEP 41

Install the front grill



STEP 42

Install the (4) 10mm mounting bolts on the top side of the grill



STEP 43

Install the 8mm mounting bolt on the bottom of each side of the grill



STEP 44

Reinstall the upper bumper valance



STEP 45

Install the (2) 7mm mounting bolts on the side of the upper bumper valance



STEP 46

Connect the temperature sensors harness



STEP 47

Install the radiator support cover



STEP 48

Install the (11) clips onto the radiator support cover



STEP 49

Install the (2) clips onto the radiator support cover



STEP 50

Install the (1) clip onto the radiator support cover



STEP 51

Close the hood and complete the installation



white light bar driving light



yellow light bar driving light

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BEAM ADJUSTER