

JEEP JL/JLU FRONT FENDER FLARES

INSTALLATION INSTRUCTIONS

P/N: 6314 / 6314PC / S6314 / S6314-RAW

WHAT'S INCLUDED:

- (1) WP 6314 FLARES - PASSENGER/DRIVER
- (16) 1/4" x 1" BOLT
- (16) 1/4" SPLIT LOCK WASHER
- (16) 1/4" FLAT WASHER
- (16) 1/4" NUT
- (4) 5/16" x 1" BOLT
- (8) 5/16" FLAT WASHER
- (4) 5/16" NUT
- (4) 3/8" x 1" BOLT
- (4) 3/8" FLAT WASHER
- (4) 3/8" NUT
- (2) WP 6314 - LIGHT BOX COVER
- (4) 1" PLUG
- (2) REPLACEMENT TURN SIGNAL LED
- (6) 1" ROUND SIDE MARKER LED
- (2) TURN SIGNAL LOAD RESISTOR
- (4) #10-32 NYLOCK NUT
- (4) #10-32 KEPS NUT
- (~10ft) RUBBER TRIM

TOOLS NEEDED:

- 5/32" HEX KEY
- 5/8" WRENCH
- 7/16" WRENCH
- 1/2" WRENCH/SOCKET
- 9/16" WRENCH/SOCKET
- SCISSORS/RAZOR BLADE
- WIRE NUTS OR HEAT SHRINK TUBING
- WIRE CUTTERS
- MULTIMETER (OPTIONAL)
- ZIP TIES (OPTIONAL)

STEP 1: REMOVAL OF FACTORY FENDER FLARES

- 3.1 Attachment of the factory flares to the Jeeps' body is provided by plastic snap clips and four 12mm bolts. First remove the four 12mm bolts and then the plastic mudguard can be pulled away from the clips. You may utilize a trim removal tool, however most of the plastic clips will break as they are not intended to be re-used.
- 3.2 After the plastic mudguard is removed, unclip the turn signal from its harness.
- 3.3 To remove the actual flares, you will simply need to pull them free. This will break all the plastic tabs so it will take a bit of force.
- 3.4 With the flares pulled off, remove any additional clips from the body that didn't come off with the fender.

STEP 2: INSTALLING RUBBER TRIM

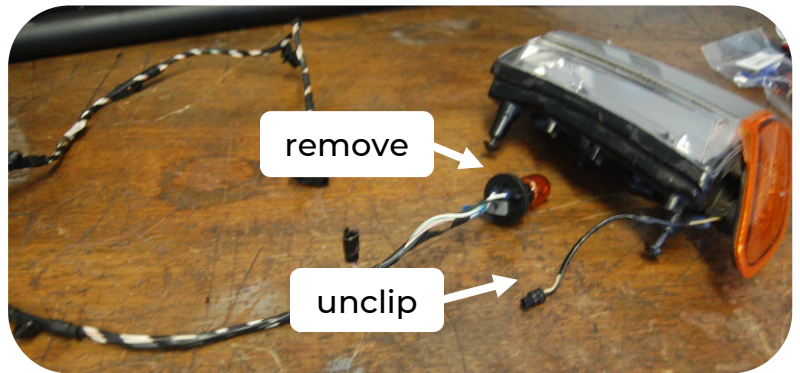
- 2.1 With included trim, peel off backing and adhere sticky side to outer edge of trim. You may want to cut out corner reliefs on curves (see photo)
- 2.2 with scissors or razor blade cut trim around bolt holes. It will make installation much easier if the bolt holes are fully exposed.



STEP 3: REPLACING FACTORY TURN SIGNAL WITH LED

NOTE: This step can be done once fender is installed on the vehicle. However, it is easier to do beforehand.

- 4.1 Remove turn signal bulb and unclip side marker connector
- 4.2 cut bulb and side marker wires.
- 4.3 insert the three (3) 1" round LEDs in 3 holes on side of fenders light box. The main LED can be installed after wiring.



NOTE: Your factory turn signal may be a different configuration than the one used in this instruction guide. Below are the wiring configurations for a factory turn signal with a single bulb and factory turn signal with two bulbs. Thus, your installation/wiring may differ. Use a multimeter or consult your model's wiring diagram to ensure proper function.

NOTE: It is recommended that you use waterproof wire connections

Single light configuration

MAIN LED – SINGLE LIGHT CONFIGURATION		
LED WIRE	FACTORY WIRE	CIRCUIT
WHITE	BLACK	GROUND
RED	WHITE/GREEN	TURN SIGNAL FEED
BLACK	WHITE/BROWN	FRONT PARK LAMP

Table 1: Main LED wire connection chart – single bulb configuration

SMALL ROUND LEDs		
LED WIRE	FACTORY WIRE	CIRCUIT
WHITE/YELLOW	BLACK	GROUND
BROWN	WHITE/ORANGE	SIDE MARKER CONTROL

Table 2: Side marker wire connection chart

Note: wire colors may vary

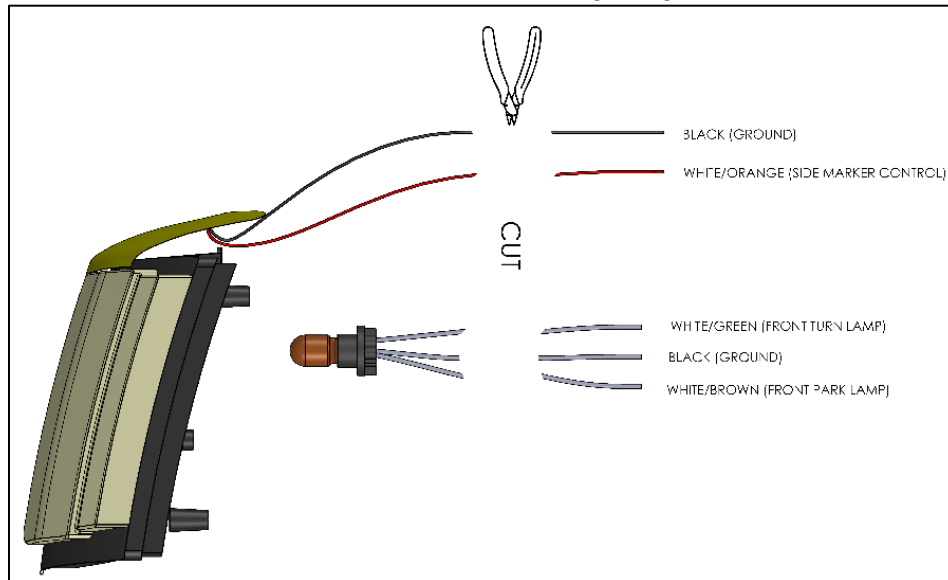


Image 4: Factory turn signal – single bulb configuration

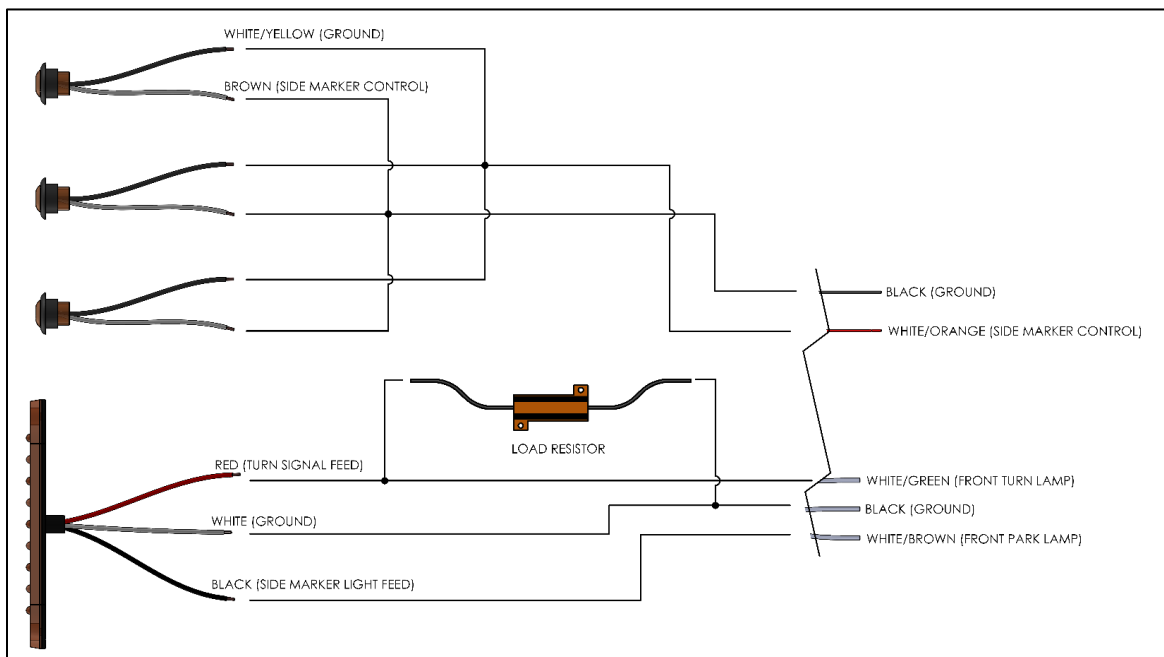


Image 5: Wiring diagram for replacement LEDs/Load resistor – single bulb configuration

Double light configuration

MAIN LED - TWO LIGHT CONFIGURATION		
LED WIRE	FACTORY WIRE	CIRCUIT
WHITE	BLACK	GROUND
RED	WHITE/GREEN & WHITE/YELLOW	TURN SIGNAL FEED & DRL LAMP
BLACK	WHITE/BROWN	FRONT PARK LAMP

Table 3: Main LED wire connection chart – two bulb configuration

SMALL ROUND LEDs		
LED WIRE	FACTORY WIRE	CIRCUIT
WHITE/YELLOW	BLACK	GROUND
BROWN	WHITE/ORANGE	SIDE MARKER CONTROL

Table 4: Side marker wire connection chart

Note: wire colors may vary

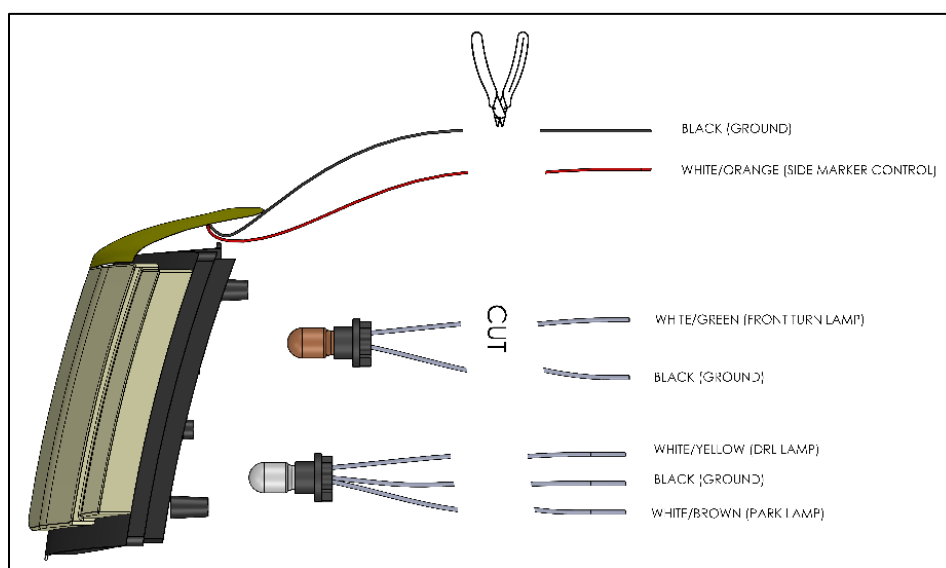


Image 6: Factory turn signal – two bulb configuration

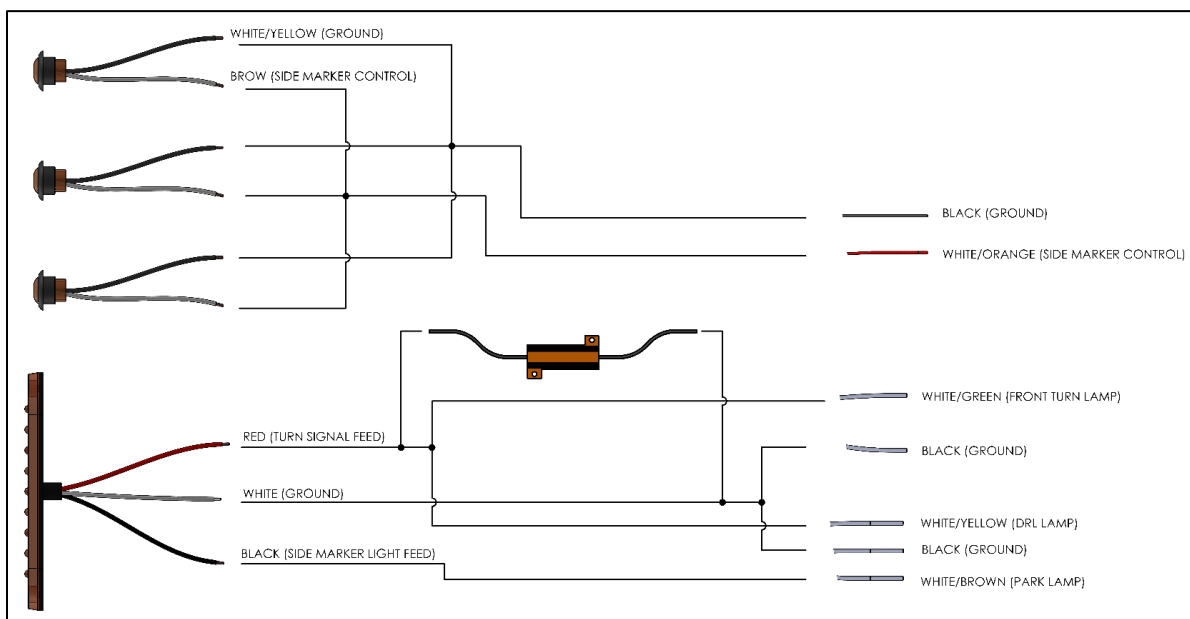
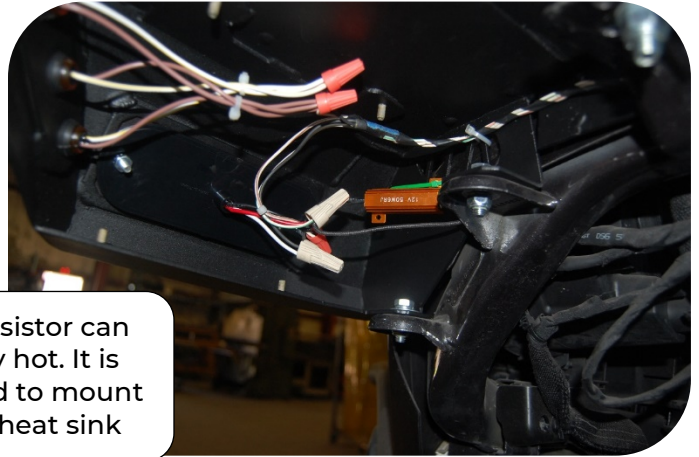


Image 7: Wiring diagram for replacement LEDs/Load resistor – two bulb configuration

Load resistor

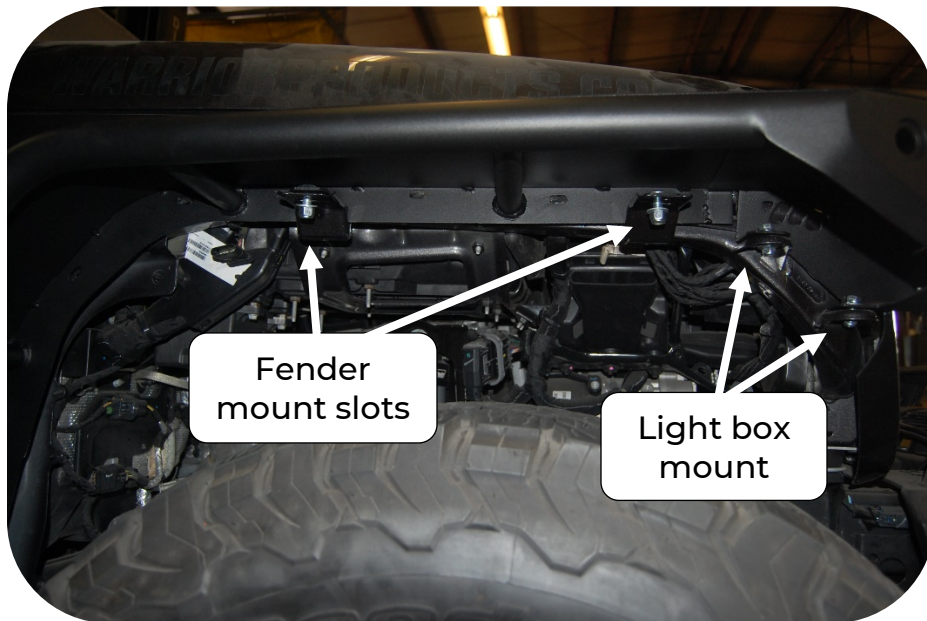
- 4.4 The load resistor is connected at one end to the turn signal feed circuit and to ground on the other end. You may make this connection with the included T-tap wire connectors or by any method you prefer.
- 4.5 Fasten main LED to light box with #10 KEPS nuts
- 4.6 Install light box cover to using a socket with an extension and two #10 NYLOCK nuts.



Note: Load resistor can become very hot. It is recommended to mount it to a metal heat sink

STEP 4: MOUNTING FLARES TO FENDER

- 4.1 Insert two (2) 3/8" carriage bolts into fender mount slots
- 4.2 Insert flare and bolts into fender tabs. Put washers on and hand tighten nuts onto bolt
- 4.3 Insert two (2) 5/16" bolts with washers into light box mount. Put on washer, lock washer, and hand tighten nuts.



- 4.4 Attach the 1/4" bolts with lock washer to mounting slots in flare base. Use needle nose pliers to line up nut inside fender to slot and thread bolt. Once bolt started, use hex key and wrench to tighten. Note: this will take finesse.



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- 4.5 Once all the 1/4" bolts are installed and tightened, go back and fully tighten the 3/8" and 5/16" bolts.
- 4.6 Reconnect the turn signal wiring harness.
- 4.7 Test turn signal is working correctly

STEP 5: LIGHT BOX COVER

- 5.1 Light box cover is mounted to two (2) #10 studs on topside of lightbox.
- 5.2 Hold cover in place and thread nuts into place with 3/8" socket. Holes in cover are for reaching the studs.
- 5.3 Make sure nuts are tight and snap included plugs into the holes.

All done!



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If you need further assistance installing your product, please contact us by email at customerservice@warriorproducts.com or call us at (888) 220-6861.



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