

## Fender Flares suitable for Jeep Wrangler JL (2018-2024)

Code FFJEWJKL

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To facilitate your installation, please read the product instruction manual carefully before installation.



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### **⚠ WARNING ⚠**

TO REDUCE RISK OF SERIOUS INJURY OR PROPERTY DAMAGE: READ ALL SAFETY MESSAGES AND UNDERSTAND ALL INSTRUCTIONS AND PROCEDURE NOTICES BEFORE ATTEMPTING TO INSTALL OR USE THIS PRODUCT.

### **⚠ CAUTION ⚠**

RISK OF EYE INJURY! SAFETY GLASSES MUST BE WORN AT ALL TIMES WHILE INSTALLING OR MAINTAINING THIS PRODUCT. TORQUE AND RECHECK FASTENERS AFTER 250 MILES AND FREQUENTLY THEREAFTER. DO NOT USE IF DAMAGED.

### **NOTICE**

FENDER FLARES ADD EXTRA PROTECTION ON THE TRAIL, BUT IT CAN NOT GUARANTEE AGAINST ALL POSSIBLE DAMAGE FROM LARGE OBJECTS YOU MAY ENCOUNTER. ALWAYS DRIVE WITH RESPECT FOR OBJECTS AND TERRAIN THAT COULD DAMAGE SENSITIVE PARTS OF THE VEHICLE.

### **NOTICE**

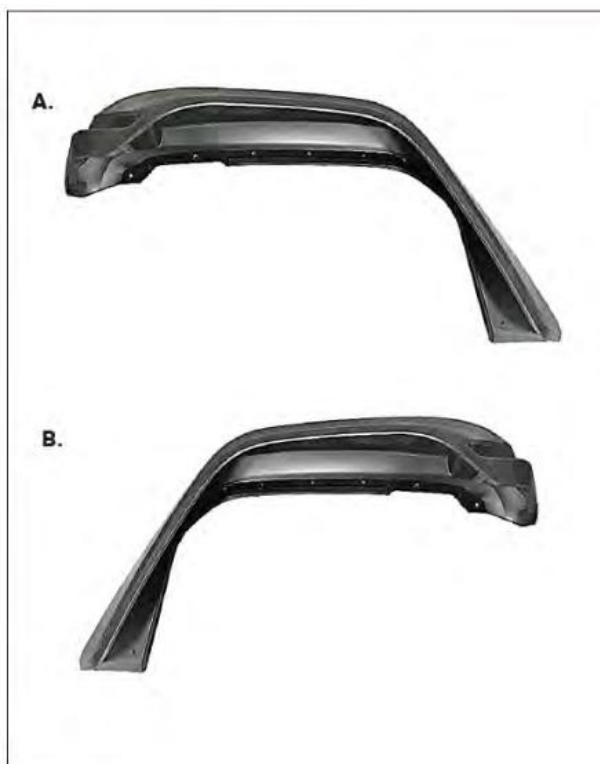
THIS PRODUCT IS INSTALLED ON THE SIDE THE VEHICLE AND REQUIRES ACCESS TO THE WHEEL WELLS. WE RECOMMEND USING A VEHICLE LIFT SUCH AS THOSE FOUND IN MOST REPAIR SHOPS TO ACCESS THIS PART OF THE VEHICLE. ALWAYS USE CAUTION WHEN WORKING AROUND YOUR VEHICLE.

WE ALSO RECOMMEND THAT YOU HAVE A HELPER NEARBY AS SOME OF THE STEPS OUTLINED BELOW WILL BE MUCH EASIER WITH THE HELP OF ANOTHER SET OF HANDS.

### **NOTICE**

IF THERE IS ANY INTERFERENCE, ADJUST THE FENDER FLARES ACCORDINGLY TO MAKE SURE ALL COMPONENTS ARE NOT TOUCHING. FAILURE TO DO THIS STEP MAY CAUSE DAMAGE TO THE VEHICLE.

## Parts & Required Tools



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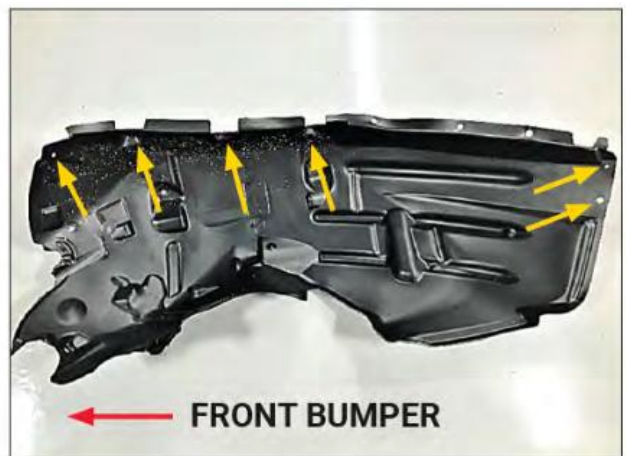
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### Step 1: Remove the original front flare of the car



Put on safety glasses and gloves. On front factory flare, use an awl to pop the eight factory retainers in center of each retainer to disengage. Arrows point to the location of factory retainers.

### Step 2: Remove the wheel cover



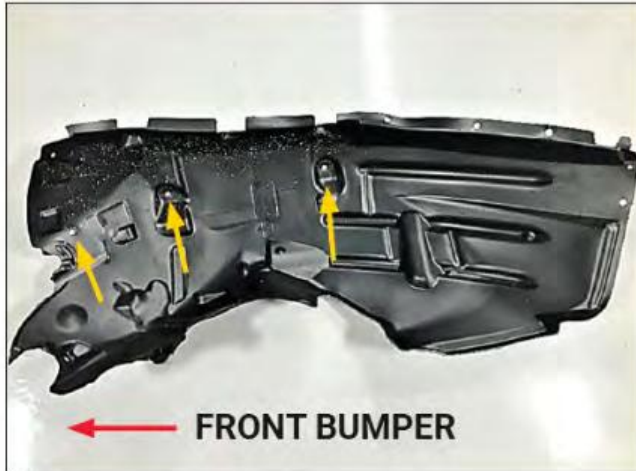
Using a plastic pry tool, remove each retainer popped in Step 1 and discard. To remove wheel well liner, first use a pry tool to remove 6 factory retainers from liner as shown by the arrows and discard. (Liner is shown removed from wheel well to make it easier to view.)



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### Step 3



Using a 10mm socket, remove the three factory bolts from locations marked by arrows. Remove and discard wheel well liner. Remove two bolts from the light housing but retain those for use in Step 17.

### Step 4



Disconnect the light wire harness (in the circle) by pushing the red tab out to unlock. Push in the release tab and pull the harness out. To remove lower bracket, use pliers behind bracket and sheet metal to disengage two white factory retainers and discard.

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### Step 5



Disengage the nine white factory retainers that are holding the factory flare onto vehicle. These are spaced along the wheel well. All but one bracket is accessible by pliers. If you wish to preserve the paint finish (which will be covered by flare), use a plastic pry tool to help remove retainers. Pull factory flare from vehicle. Pry any white retainers from the sheet metal and discard. These holes must be clear for installation. Retain factory flare to remove light housing in the next steps.

### Step 6 Light Housing Removal



Turn the removed flare on its back on a work surface. Using a Phillips screwdriver, remove the factory fastener from the light housing as shown. Using a T-30 Torx driver, remove the four factory fasteners as shown. Retain ALL factory fasteners as most will be reused in Steps 9 and 13.



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### Step 7



Lift the housing flap up to remove four more fasteners underneath it as shown using the T-30 Torx driver. Remove the wiring harness from light housing routing using your hands or pliers. Do not cut the electrical tape. Gently pry from contact points. Disconnect light bulb connector. Remove the light from the factory flare.

**!Please ignore step 8-15 because we provide the dedicated lights!**

### Step 8



Slide the side marker light from the housing. Light is taped to the factory flare. Gently pry the housing from flare to disengage tape.

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### Step 9



Reinstall the side marker light using the short factory specialty plastic fastener (removed at Step 6 as shown).

### **⚠ WARNING ⚠**

READ ALL SAFETY WARNINGS, INSTRUCTIONS, ILLUSTRATIONS AND SPECIFICATIONS PROVIDED WITH YOUR POWER TOOL. FAILURE TO FOLLOW INSTRUCTIONS PROVIDED WITH YOUR POWER TOOL MAY RESULT IN ELECTRIC SHOCK, FIRE AND/OR SERIOUS INJURY.

### Step 10



Using a cutoff wheel or saw, cut the four plastic tabs on light housing as shown. The yellow line denotes the locations to cut. The goal is to remove these tabs parallel with contours of light housing as cleanly as possible. Take precautions to avoid cutting away too much material from light housing. Use the next pictures to help visualize where to make cuts. Do not cut into the sealed clear lens or housing.



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### Step 11



Using a sanding disc or sandpaper, sand down any remaining tab vestiges. Tab vestiges must be as flush as possible for proper installation.



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### Step 12



Install a supplied "U" Clip over hole in bottom bracket of modified light housing, centering the hole in clip over the hole in the bracket. Reconnect harness and/or light bulbs if you removed them. The wire harness will need to be routed in the groove in the housing and ultimately to the connector in the engine compartment when installing new flares.

### Step 13



Assemble the modified light housing with supplied front bracket. Start three factory fasteners (removed at Step 6) through supplied Front Bracket and into modified light housing, but do not tighten. Using an awl, make sure "U" clip installed previously is still centered over hole in bracket.

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### Step 14 Light Housing Reassembly



Start a supplied Truss screw into clip. Screws will not be tightened until after the light housing is installed in new flare.

### Step 15 Front Flare installation



Slide the two supplied "U" clips onto the front flare inner bracket as shown. Holding the flare on the fender, install two supplied plastic retainers through the flare holes located at the arrows. Push each retainer in to engage. The remaining plastic retainers will be installed in later steps.



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### Step 16 Front Flare installation



Holding the flare on the fender, install two supplied plastic retainers through the holes at bottom rear of flare, under flare corner bracket feature, and into holes in fender. Push each retainer in to engage. Fit assembled light housing bracket into inside of flare, as shown.

### Step 17 Front Flare installation



Using a 10mm socket, start two factory bolts (removed at Step 3) through sheet metal brackets and into t-nuts present on light housing bracket. Do not tighten.

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### Step 18 Front Flare installation



Using a Phillips screwdriver, start two supplied Truss screws through clip holes in the bracket and into the flare inner structure. Do not tighten. Check fit of light inside light pocket and adjust screws incrementally as needed to ensure even spacing between light and flare. Slowly tighten ALL screws and bolts in light housing and bracket. It is intentional that parts of the light lenses will be obscured by the flare.

### Step 19 Front Flare installation



Route wiring harness from light housing over the first of the metal fender brackets and toward the channel molded into flare. Tuck wiring harness up into channel in flare and route into engine compartment (connector is located near washer fluid reservoir). Connect wiring harness to connector.



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### Step 20 Front Flare installation



Install the seven remaining plastic fasteners. Repeat instructions to this point for the other side of the vehicle.

Disclaimer: Our company is not responsible for any related problems and losses caused by improper installation and use.