



INSTALLATION INSTRUCTIONS: JEEP WRANGLER JK/JKU ALUMINUM FRONT FENDER KIT, rev A

 Parts List	
1	Pair Front Fenders
1	Installation Hardware Bag
1	Marker Light Bag

Difficulty Level : Medium



Product Support




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PRODUCT IMAGE

 Tool List	
Ratchet	Socket, 10 mm
Wrench, 13 mm	Socket, 13 mm
Drill & 9 mm and 10 mm drill bits	Cut-off tool
Thread Set Tool	4 mm Allen wrench
Marker	Trim Removal Tool



NOTES AND MAINTENANCE

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

For black finishes, mild soap may be used to clean the product.

Periodic inspections should be performed to ensure all mounting hardware remains tight.

Mild automotive detergent may be used to clean the product. Do not use dish detergent, abrasive cleaners, abrasive pads, wire brushes or other similar products that may damage the finish.

FEEDBACK

COMBAT OFF ROAD industry leading warranty. Register your purchase by visiting: www.combat-offroad.com/registration

Be social, tag us on your install or out on the trail enjoying, use: #combatoffroad

STEP 1

Starting with the front fenders, remove the inner fender well using a 10mm socket to remove all hex head bolts.



STEP 2

Remove all push-in retainers. Take care not to damage the plastic inner fender flare, if still being used. Once the retainers are removed, remove the fender and set aside.



STEP 3

Disconnect the side marker light.



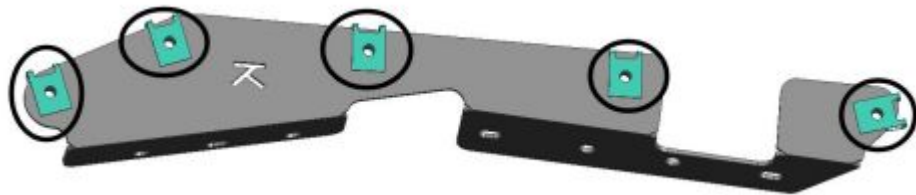
STEP 4

Remove the plastic fender flare support by removing the hex head bolts holding it in place. You should now be able to pull the stock fender flare from the body of the Jeep.



STEP 5

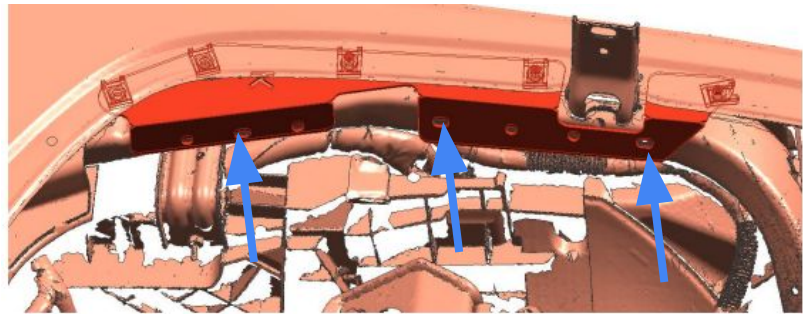
Mount the M8 speed clips onto the reinforcement bracket at the locations shown in the image.



STEP 6

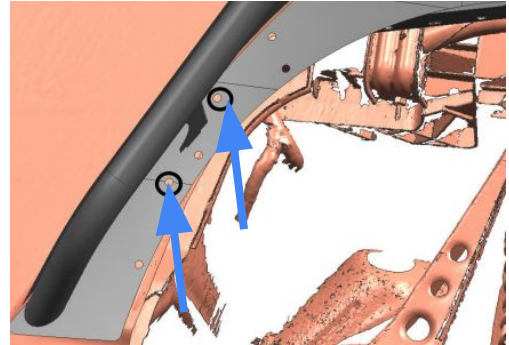
Insert the bracket into the fender gap and align with the original holes in the vehicle body.

Fix the bracket with the M6 screws and washers in the 3 locations as shown at the arrows. Tighten with a 4 mm allen wrench.



STEP 7

Align the fender using the holes with the the vehicle body. Using a marker, draw the two hole locations, as shown at the arrows in the figure. Remove the fender and drill 9 mm diameter holes at the two locations.



STEP 8

Insert the small bracket in the gap as shown in the figure, align the outer holes with the drilled (9mm) holes, and drill another 2 holes on the inside to fender to allow securing the small bracket.

Using the M8 x 25 screws, washers and nuts secure the bracket to the inside mounting holes.

Tighten with a 6 mm allen wrench.



STEP 9

Remount the fender flare and drill 10mm holes as needed, to fit the remaining M6 riv-nuts supplied with the Combat Off Road fenders.

Do not make the holes larger than required or the rivnuts will not function.





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STEP 10

Insert the the rivnut into the drilled hole and secure using a thread set tool.

CAUTION: Over tightening the rivnut may damage the thread set tool and / or vehicle body panel.



STEP 11

Place the fender back into place, and attach using an M6 allen head bolt and flat washer.



STEP 12

In order to connect the fender marker light, modifications to the vehicle wiring are required. Wiring details are listed to assist with the modifications. Use of water proof connectors is recommended to allow future maintenance activities and ensure a robust installation.

NOTE: Always disconnect the battery when working on the electrical system

Left Side Vehicle Wiring

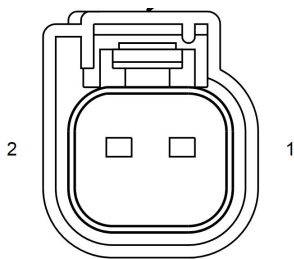
Pin Information

Cav	Circuit	Gauge	Color	Function
1	Z904	18	BK	GROUND
2	L61	18	WT/LG	LEFT FRONT PARK SIGNAL CONTROL

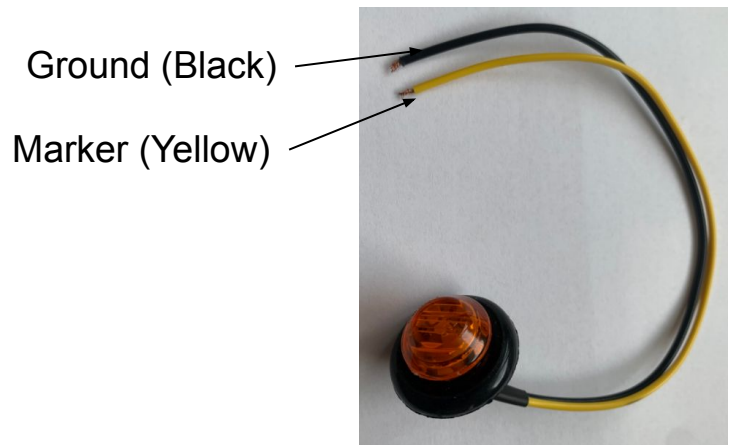
Right Side Vehicle Wiring

Pin Information

Cav	Circuit	Gauge	Color	Function
1	Z904	18	BK	GROUND
2	L60	18	WT/LG	RIGHT FRONT PARK SIGNAL CONTROL



**Factory Connector
Pin Assignment**



Fender Marker Light



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STEP 13

Hold the inner fender flare in place and mark evenly along the body. Cut to fit using a rotary tool or knife and set aside. To ensure the best fit we recommended trimming small amounts at a time to align with the fender once installed.

This step can be skipped if Combat Off Road inner fender liners are being installed.



STEP 14

Reinstall the inner fender well using the stock hardware where applicable. To ensure a tight fit, additional fastening may be required depending on customer preference.



STEP 15

Tighten down all hardware using a 4 mm allen wrench.

Repeat this process on the front opposite side of the vehicle.

