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PART# WFO JL-LPM
2018 + JEEP WRANGLER JL
SPARE TIRE DELETE KIT

BILL OF MATERIALS

PART #	DESCRIPTION	QTY.
WFO JL-LPM	2018+ Jeep Wrangler JL Spare Tire Delete kit, Black Powder Coat – 3 main components	1
336208	1/4"-20 x 1/2" Stainless Steel Button Head Bolt	5
333041	1/4" Stainless Steel Flat AN Washer	4
332640	1/4"-20 Stainless Steel Lock Nut	1
339052	#2-56 Stainless Steel Screw	3
	Rubber Bump replacement caps	2

Tools Needed:

- Torx bits T-8, T-25, T-40
- 5/32" & 13mm sockets
- 7/64" Allen Socket
- Flat head screwdriver or small pry bar
- 7/16" Wrench
- Wire crimp tools
- Heat gun or small torch



Removal:

- Step 1) Remove outer camera cover using a T-40 Torx so you can access the lug nut that is behind this cover.
- Step 2) Remove the spare tire.
- Step 3) Open tailgate and remove the inner plastic trim by gently popping it off. Be careful not to break the plastic retainers that hold this cover to the inner part of the tailgate.
- Step 4) Unplug the top 2 smaller electrical plugs (Figure A). Then pull the two wires out through the hole just left of the vent on the outside of the tailgate (Figure B). Make sure the grommet stays connected to the wire loom, you will be re-installing the grommet back in this original hole.

Figure A



Figure B



Figure C

- Step 5) Remove stock plastic spare tire carrier. Using a 13mm socket, remove the 8 bolts on the outside perimeter of the stock plastic spare tire carrier (Figure C). **SAVE THESE BOLTS, you will reuse them.**



If you don't have a back-up camera, skip this step

- Step 6) Remove the 2 bolts, T-25, on either side of the camera mount (Figure D). This will allow you to remove the bracket from the inside of the spare tire mount. Gently pry the bracket from the inside out. (Figure E)

Figure D



Figure E



- Step 7) Next you will need to remove the third brake light wire harness. Using a T-25, remove the 7 bolts that surround the outside to remove the cover (Figure F-1). Once cover is removed, unplug harness from the 3rd brake light and remove from bracket. (Figure F-2)

Figure F-1



Figure F-2



If you don't have a back-up camera, skip this step

- Step 8) To get the harness completely removed, unscrew the 3 small screws that mount the camera using a T-8 bit driver (Figure G). Un clip the camera (Figure H) and slip the loom out of all the brackets. Discard tire rack, camera mount, and third brake light, you will not need these anymore.

Figure G



Figure H



Install:

- Step 9) Install the main WFO backing plate. Using 2 of the previously removed bolts, thread in but not tighten the 2 most top and centered bolts (Figure I)

Figure I



Figure J

- Step 10) Slide the previously removed wire harness back into the tailgate and remount the rubber grommet into the hole. (Figure J) Route the harness behind the outer WFO license plate mount in the upper side vent hole. And route the wires out the middle cutout. Using 2 more previously removed bolts, lightly thread them into the remaining other 2 top holes, leaving loose.



If you don't have a back-up camera, skip to step 13

- Step 11) Next mount the camera to the WFO bracket with the 3 supplied #2-56 Stainless Screws. (Figure K-1). Using 1 of the supplied 1/4"-20 x 1/2" Stainless Steel Button Head Bolt and nylock nut, fasten camera tab to camera housing. (Figure K-2)

Figure K-1

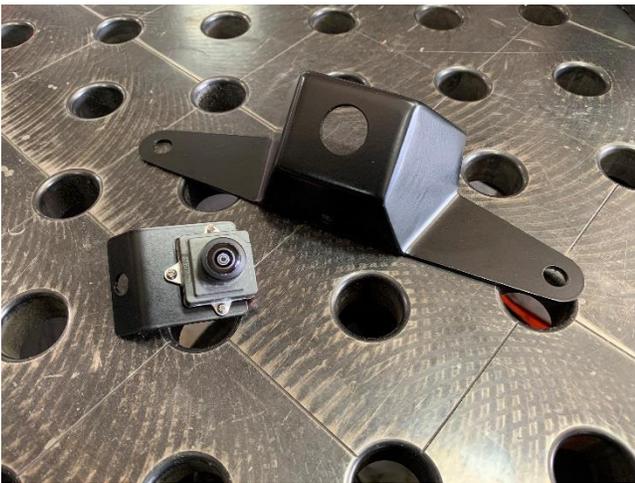
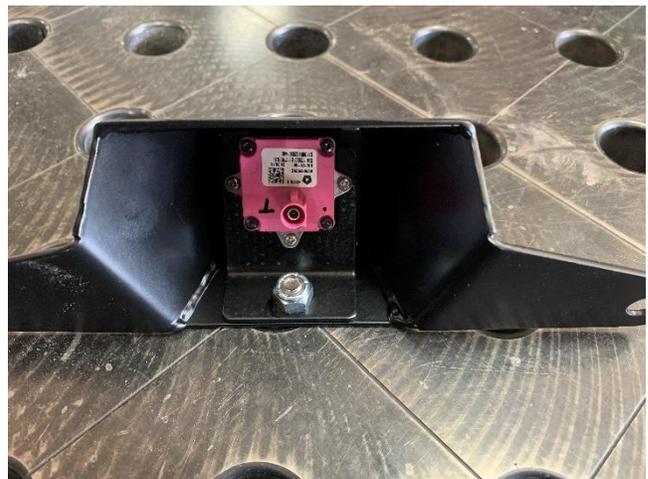


Figure K-2



- Step 12) Hook the camera wire back up to the camera and install with 2 more factory bolts. Tuck wires gently behind license plate mount. (Figure L)

Figure L



- Step 13) If purchased optional 3rd Brake light (Part # ORO LD-PL7) refer to those directions for install.
- Step 14) Lastly install the 2 remaining lower outer bolts and tighten, careful not to impact the bolts, the threaded casting can crack if over torqued. Bolt your license plate on with the 4 supplied 1/4"-20 x 1/2" Stainless Steel Button Head Bolts and Stainless Washers. If purchased, the 3rd brake light bracket will bolt between license plate and main WFO mount. For a cleaner look install the 2 supplied plastic caps in place of the extruded rubber tire bumps.

