

CRAWLTEK R E V O L U T I O N

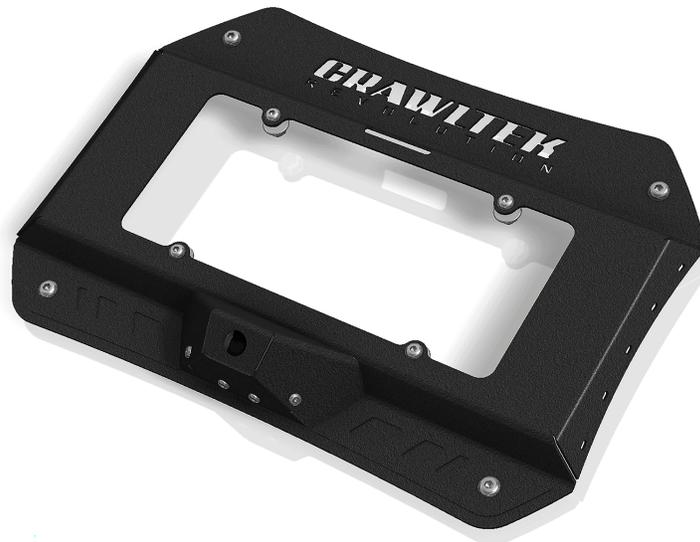
491 W. GARFIELD AVE., COLDWATER, MI 49036 • 517.278.1039
CRAWLTEKREVOLUTION.COM • E-MAIL: SALES-CRAWLTEK@RIDEFOX.COM

INSTALLATION INSTRUCTIONS

LICENSE PLATE RELOCATION

JL38001

FOR USE WITH ALL
JL AND JLU MODELS FROM 2018-CURRENT



CrawlTek YouTube

PLEASE READ THROUGH INSTRUCTIONS BEFORE INSTALLING

2023-03-07

WHAT'S IN THE BOX?

PLEASE VERIFY KIT CONTENTS BEFORE BEGINNING INSTALLATION

JL38001		LICENSE PLATE RELOCATION KIT
06019	1	LICENSE PLATE RELOCATION
06020	1	CAMERA COVER
06021	1	CAMERA MOUNT
06022	1	CAMERA BRACKET
CWLU30010	1	DECAL: CRAWLTEK GEARSHIFT 3.5" X 3.5"
CWLU30020	1	DECAL: CRAWLTEK EYES 6" X 2"
CWLU30030	1	DECAL: CRAWLTEK JAX 3.75" X 2.8"
LPCXW2	1	LICENSE PLATE LIGHT
C0027	1	BOLT PACK
	4	8MM-1.25 X 12MM BUTTON HEAD SS
	2	1/4"-20 X 5/8" BUTTON HEAD SS
	2	1/4"-20 X 3/4" BUTTON HEAD SS
	4	1/4"-20 SERRATED FLANGE NUT
	4	#8-32 X 3/8" BUTTON HEAD SS
	4	#8-32 LARGE SERRATED FLANGE NUT
	2	#8-32 X 3/4" PHILLIPS HEAD
	2	#8-32 SERRATED FLANGE NUT
	3	#2-56 X 1/2" PHILLIPS HEAD SS
	3	#2-56 NYLON LOCK NUT
	1	LARGE HOLE PLUG
	2	SMALL HOLE PLUG
	1	POSI-TAP WIRE CONNECTOR
	2	FEMALE QUICK DISCONNECT TERMINAL
	2	MALE QUICK DISCONNECT TERMINAL
	1	RING TERMINAL
	1	DOUBLE STRAND WIRE
	1	WIRE LOOM



TOOLS RECOMMENDED

13MM SOCKET
T50 TORX
T40 TORX
T25 TORX
T8 TORX
3/16" ALLEN WRENCH OR SOCKET
WIRE CUTTERS/ STRIPPERS
WIRE CRIMPERS
HEAT GUN

INTERIOR DISASSEMBLY FOR WIRING

STEP 1:

DISCONNECT THE BATTERY.

STEP 2:

REMOVE THE INTERIOR HATCH PANEL USING A BODY CLIP TOOL. THERE ARE 13 CLIPS RETAINING IT. **(FIG. 1)**



FIGURE 1



STEP 3:
REMOVE THE COVER TO ACCESS THE TIRE JACK. **(FIG. 2)**



FIGURE 2

STEP 4:
REMOVE THE PASSENGER SIDE TIE DOWN PANEL. PRY UP THE TAB WITH A BODY CLIP TOOL. THEN REMOVE THE BOLT USING A T40 BIT ON ALL 3 TIE DOWNS. **(FIG. 3)**

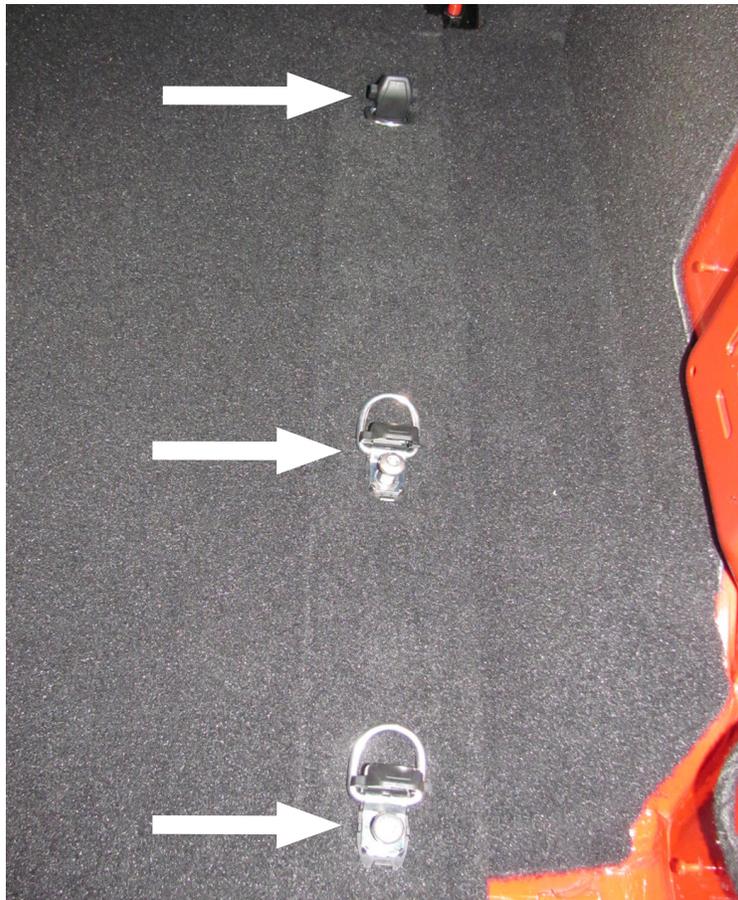


FIGURE 3



STEP 5:

REMOVE THE SEAT BELT PASSENGER SIDE BODY PANEL. THERE ARE TWO CLIPS HOLDING THE PANEL ON. **(FIG.4)**



FIGURE 4

STEP 6:

REMOVE THE REAR CORNER BODY PANEL USING A BODY CLIP TOOL. THERE ARE A TOTAL OF 15 CLIPS HOLDING IT ON. **(FIG. 5)**



FIGURE 5



STEP 7:

REMOVE C-PILLAR BODY PANEL (2 CLIPS). **(FIG. 6)**



FIGURE 6

LICENSE PLATE LIGHT WIRING AND INTERIOR REASSEMBLY

STEP 8:

LOCATE THE TAN WIRE WITH A ORANGE STRIPE IN THE WIRE LOOM THAT GOES TO THE PASSENGER REAR TAIL LIGHT. IT WILL BE NECESSARY TO REMOVE SOME OF THE OE WIRE LOOM. USING THE PROVIDED POSI-TAP WIRE CONNECTOR TAP THE WIRE. **(FIG. 7)**



FIGURE 7



STEP 9:

REMOVE THE SERRATED NUT HOLDING THE SEAT BELT BRACKET TO THE TUB. 10MM SOCKET/WRENCH.(**FIG. 8**)



FIGURE 8

STEP 10:

LOCATE THE PROVIDED WIRE. STRIP BOTH STRANDS OF WIRE ON ONE END. ATTACH THE RED WIRE STRAND TO THE OTHER END OF THE POSI TAP. ALSO CRIMP THE RING TERMINAL TO THE BLACK WIRE STRAND. PLACE THE RING TERMINAL ONTO THE SEAT BELT BRACKET STUD AND TIGHTEN DOWN THE OE FLANGE NUT. (**FIG. 9**)

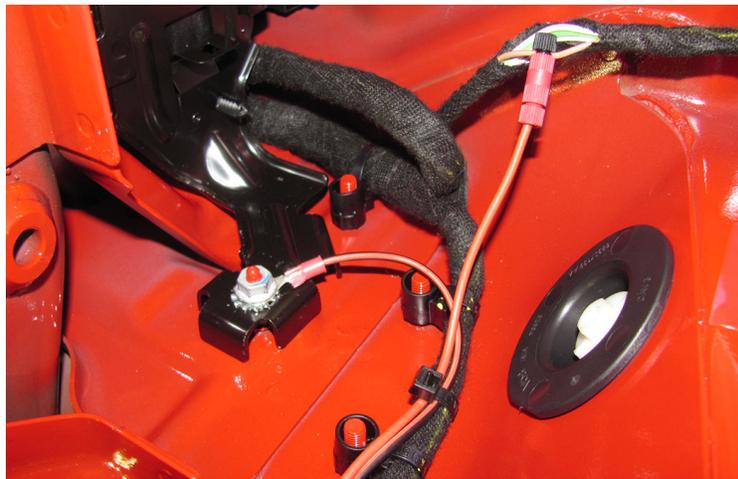


FIGURE 9

STEP 11:

ROUTE THE WIRE TO THE TAILGATE VENT AREA SECURE AS NEEDED WITH PROVIDED CABLE TIES.

STEP 12:

REINSTALL THE INTERIOR BODY PANELS LEAVE THE TAILGATE PANEL OFF FOR NOW.



SPARE TIRE MOUNT REMOVAL

STEP 13:

ON THE INSIDE OF THE TAILGATE, UNPLUG THE 3RD BRAKE LIGHT AND REAR VIEW CAMERA. PUSH THE WIRE BUNG OUT OF THE TAIL GATE AND FEED THE PLUGS THROUGH THE HOLE. **(FIG. 10)**

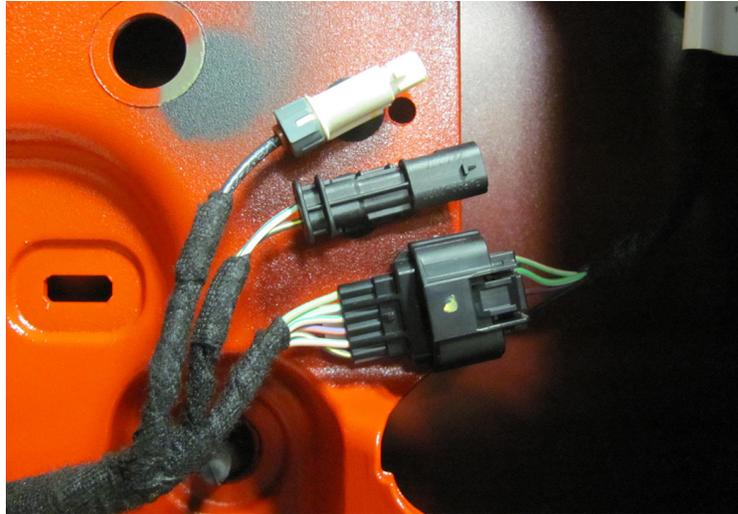


FIGURE 10

STEP 14:

REMOVE THE CAMERA COVER (T40) AND THEN THE SPARE TIRE.

STEP 15:

REMOVE THE 7 (T25) SCREWS ON THE 3RD BRAKE LIGHT BRACKET TO ACCESS THE WIRING. **(FIG. 11)**

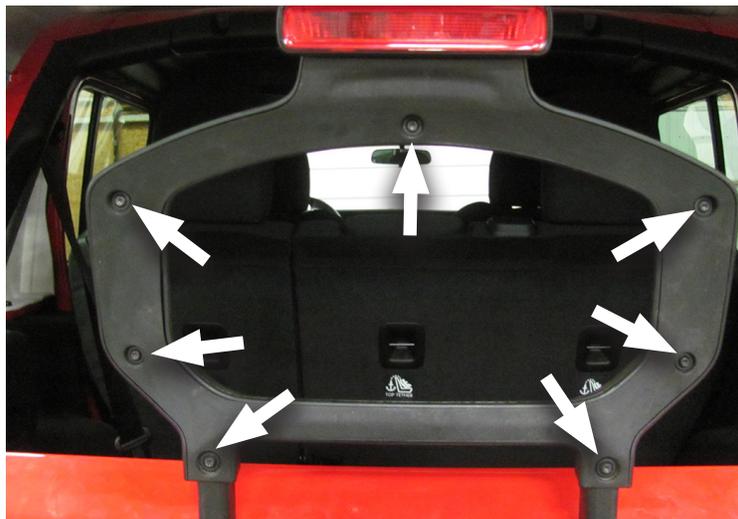


FIGURE 11



STEP 16:

REMOVE AND UNPLUG THE 3RD BRAKE LIGHT BY REMOVING THE TWO T25 SCREWS.(FIG. 12)



FIGURE 13

STEP 17:

REMOVE THE EIGHT BOLTS HOLDING ON THE SPARE TIRE MOUNT. (FIG. 14)



FIGURE 14

STEP 18:

REMOVE THE TWO RUBBER BUMP STOP BY JUST PULLING ON THEM.

STEP 19:

INSTALL THE PROVIDED TWO SMALL HOLE PLUGS INTO THE BUMP STOP HOLES AND THE LARGE HOLE PLUG INTO THE WIRE BUNG HOLE.



STEP 20:

REMOVE THE TWO FACTORY VENT COVERS. ON THE INSIDE OF TAILGATE PRESS DOWN ON THE TWO TABS LOCATED ON TOP OF THE VENT COVER AND PRESS THE VENT COVER OUTWARD.

STEP 21:

GRAB THE SPARE TIRE MOUNT YOU REMOVED EARLIER. REMOVE THE TWO T25 SCREW ON THE FACE WHERE THE SPARE TIRE MOUNTS.

STEP 22:

USING A BODY CLIP TOOL REMOVE THE CLIP HOLDING THE CAMERA CABLE TO THE CAMERA BRACKET ON THE BACKSIDE OF THE SPARE TIRE MOUNT. **(FIG. 15)**



FIGURE 15

STEP 23:

USING A BODY CLIP TOOL OR OTHER APPROPRIATE TOOLS PRY THE CAMERA BRACKET OFF OF THE SPARE TIRE MOUNT. **(FIG. 16)**



FIGURE 16



STEP 24:

ONCE THE CAMERA MOUNT IS REMOVED REMOVE THE 3 CAMERA SCREWS AND DISCONNECT THE CAMERA.

INSTALLATION OF THE LICENSE PLATE RELOCATION

STEP 25:

INSTALL CAMERA ON CAMERA BRACKET USING THE THREE (3) PROVIDED #2-56 MACHINE SCREWS AND FLANGE NUTS USING A SMALL PHILLIPS SCREWDRIVER AND 3/16" SOCKET. TORQUE TO 2.7 IN-LBS. **(FIG. 17A)** INSTALL CAMERA BRACKET ON TO CAMERA MOUNT WITH THE PROVIDED #8-32 MACHINE SCREW AND FLANGE NUT USING A 3/32 ALLEN AND 11/32 SOCKET/WRENCH. THE HOLES ARE SLOTTED TO ALLOW FOR ADJUSTMENT. **(FIG. 17B, 17C)**

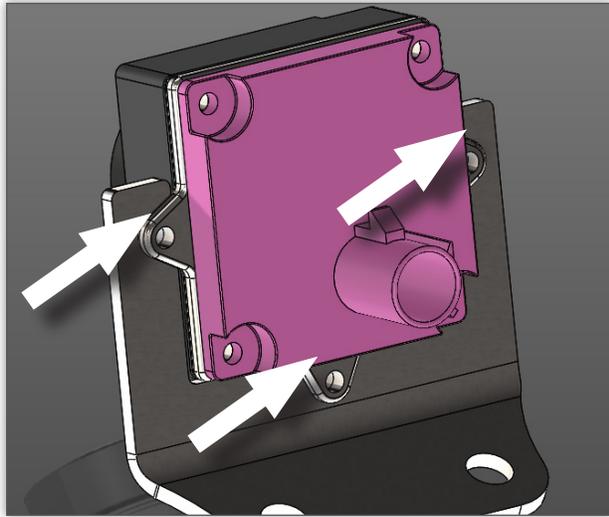


FIGURE 17A

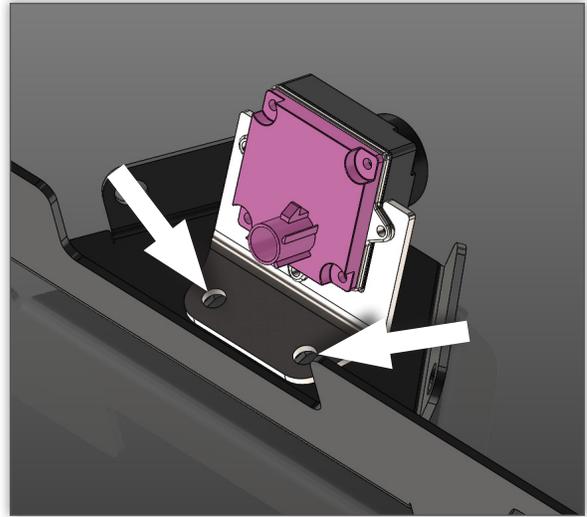


FIGURE 17B

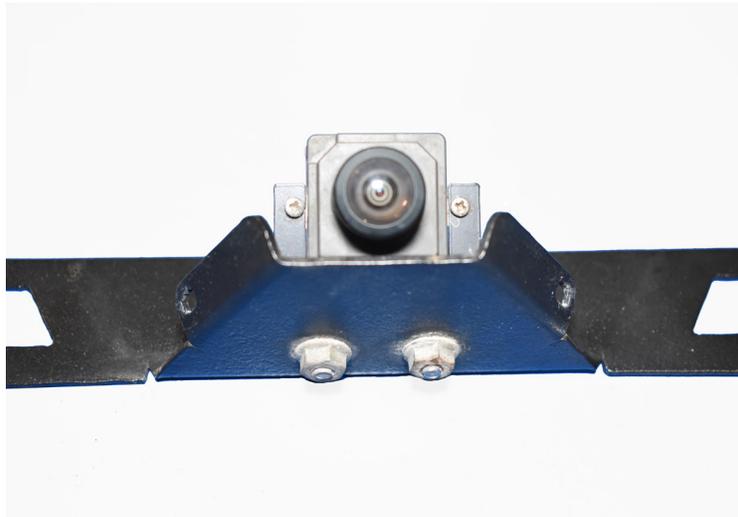


FIGURE 17C



LICENSE PLATE LIGHT INSTALLATION

STEP 26:

USING THE PROVIDED #8-32 MACHINE SCREW AND FLANGE NUT MOUNT THE NEW LICENSE PLATE LIGHT ONTO THE TOP OF CAMERA COVER. PHILLIPS SCREWDRIVER AND 11/32 SOCKET/WRENCH. TORQUE TO 18 IN-LBS (FIG. 18A,18B)

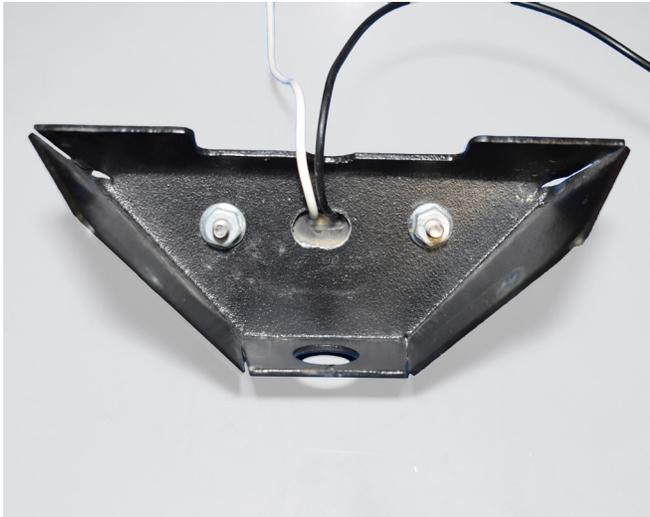


FIGURE 17A



FIGURE 17B

STEP 27:

INSTALL THE CAMERA COVER WITH LICENCE PLATE LIGHT TO THE CAMERA MOUNT USING TWO (2) OF THE PROVIDED #8-32 MACHINE SCREW AND FLANGE NUT, 3/32 ALLEN AND 11/32 SOCKET/WRENCH. TORQUE TO 18 IN-LBS (FIG. 19)

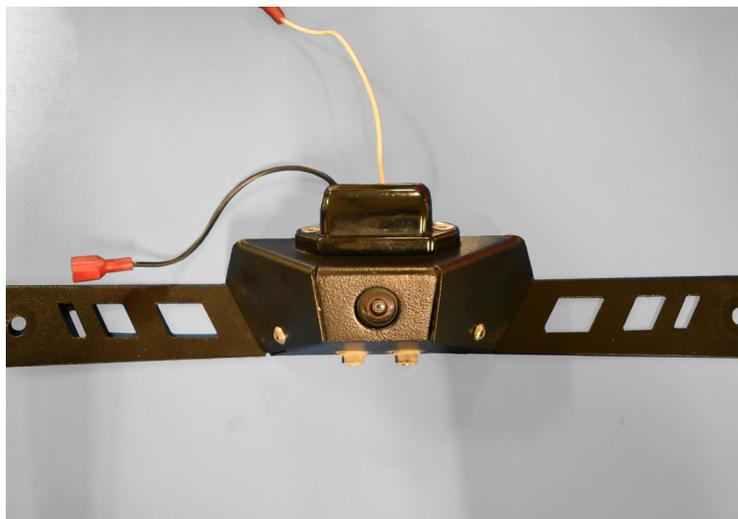


FIGURE 19



STEP 28:

INSTALL LICENSE PLATE TO THE LICENSE PLATE RELOCATION BRACKET WITH 4 PROVIDED 1/4-20 BUTTON HEAD BOLTS AND FLANGE NUTS. **(FIG. 20)**



FIGURE 20

STEP 29:

INSTALL LICENSE PLATE RELOCATION BRACKET ONTO JEEP TAILGATE USING TOP 2 HOLES AND THE 8MM PROVIDED HARDWARE **NOTE:** TRIM PLASTIC AS NEEDED. **(FIG. 21A, 21B)**



FIGURE 21A



FIGURE 21B



STEP 30:

ROUTE THE CAMERA WIRE AND LICENSE PLATE LIGHT THROUGH THE TAILGATE AND PLUG IN THE CAMERA. FASTEN THE PROVIDED QUICK DISCONNECT MALE AND FEMALE TERMINALS SO THAT THE RED WIRE STRAND ATTACHES TO THE BLACK WIRE ON THE LICENSE PLATE LIGHT. **(FIG. 22)**

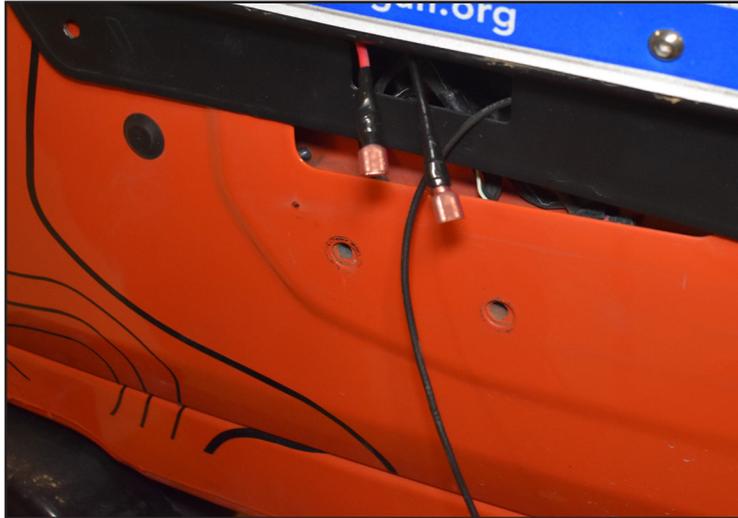


FIGURE 22

STEP 31:

INSTALL LOWER CAMERA AND LIGHT BRACKET ASSEMBLY ONTO LICENSE PLATE RELOCATION BRACKET, BOLTING BOTH PIECES TO THE TAILGATE USING THE BOTTOM HOLES AND THE 8MM PROVIDED HARDWARE **(FIG. 23)**



FIGURE 23

FINAL INSTALLATION STEPS



STEP 32:

HOOKUP THE BATTERY AND TEST LICENSE PLATE LIGHT AND BACKUP CAMERA

STEP 33:

REINSTALL INTERIOR PANELS IN THE REVERSE ORDER THEY WERE REMOVED

STEP 34:

INSTALL PROVIDED PLUGS IN EXPOSED TAILGATE HOLES (**FIG. 24A, 24B**)



FIGURE 24A

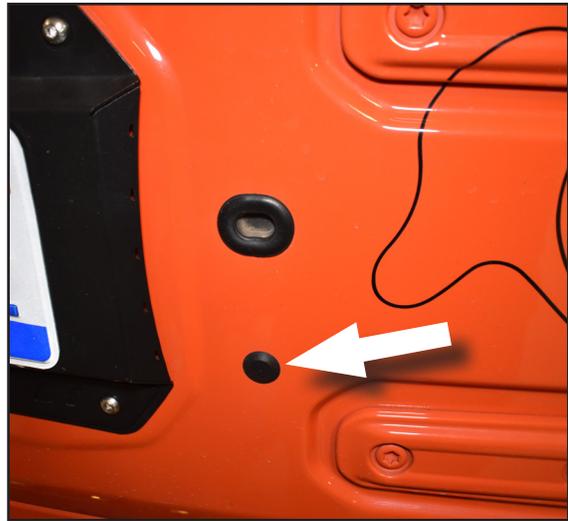


FIGURE 24B





YOU'RE NOT DONE YET!

Thank you for your new CrawlTek Revolution purchase! Follow us on facebook for up to date coverage of new product releases. We love feedback, if you have any questions about the installation or parts were missing please contact us at sales-crawltek@ridefox.com or call us at 517.278.1039.

*Be sure to show off your jeep to the rest of the CrawlTek Revolution online.
Find us on facebook and instagram to keep up on new products, upcoming events and more action.
Tag us @crawltek for a chance to get featured*

