



RACING SPORT CONCEPTS



INSTALLATION GUIDE

CORVETTE C8 REAR DIFFUSER

WARNING!!!

PLEASE READ BEFORE INSTALLING PRODUCT

- ⇒ ALL RACING SPORT CONCEPTS PRODUCTS SHOULD ONLY BE INSTALLED BY CERTIFIED MECHANICS (AUTOMOTIVE TECHNICIANS). ONLY COMPETENT AND EXPERIENCED MECHANICS ARE QUALIFIED TO SPOT TECHNICAL PROBLEMS WITH YOUR VEHICLE OR WITH THE PRODUCT. FAILURE TO HAVE THE PRODUCT INSTALLED BY A PROFESSIONAL CERTIFIED MECHANIC MAY RESULT IN PART FAILURE OR ANY NUMBER OF UNINTENDED CONSEQUENCES.
- ⇒ ALL RACING SPORT CONCEPTS PRODUCTS SHOULD BE TESTED IN A SAFE ENVIRONMENT AFTER INSTALLATION TO ENSURE PROPER INSTALLATION AND FUNCTIONALITY OF THE PRODUCT.
- ⇒ THIS PRODUCT IS NOT INTENDED FOR OFF-ROAD USE.
- ⇒ THE BUYER IS SOLELY RESPONSIBLE FOR THE PRODUCT THEY CHOOSE, AND TO THE SUITABILITY OF THE PRODUCT FOR THE INTENDED APPLICATION.
- ⇒ THESE INSTALLATION INSTRUCTIONS ARE INTENDED TO BE USED BY CERTIFIED MECHANICS ONLY. RACING SPORT CONCEPTS DOES NOT RECOMMEND INSTALLATION BY ANYONE THAT IS NOT A CERTIFIED AND WELL-EXPERIENCED AUTOMOTIVE TECHNICIAN/MECHANIC.
- ⇒ INSTALLATION OF THESE PARTS IS AN AGREEMENT NOT TO HOLD RACING SPORT CONCEPTS, AS A COMPANY, OR ANY OF ITS EMPLOYEES, LIABLE FOR ANY CIRCUMSTANCES OR COSTS THAT MAY ARISE FROM USING ANY OF THESE PARTS.
- ⇒ RACING SPORT CONCEPTS RECOMMENDS INSPECTING YOUR PRODUCTS ON AN ANNUAL BASIS TO ENSURE THAT NO ISSUES ARE DEVELOPING AND ENSURE THAT THE PRODUCT IS PERFORMING AS EXPECTED.

TOOLS LIST

C8 REAR DIFFUSER INSTALLATION GUIDE

- TWO POST LIFT
 - ALTERNATIVELY, TWO FLOOR JACKS AND RACE RAMPS
- TRIM REMOVAL TOOL KIT
- 7MM DEEP WELL ¼ INCH DRIVE SOCKET
- 10MM DEEP WELL ¼ INCH DRIVE SOCKET
- T-15 TORX BIT ¼ INCH DRIVE SOCKET
- 22MM DEEP WELL ½ INCH DRIVE IMPACT SOCKET
- ½ INCH BREAKER BAR OR IMPACT WRENCH
- PHILLIPS SCREW DRIVER AND 4MM ALLEN WRENCH



PARTS & HARDWARE LIST

C8 DIFFUSER INSTALLATION GUIDE

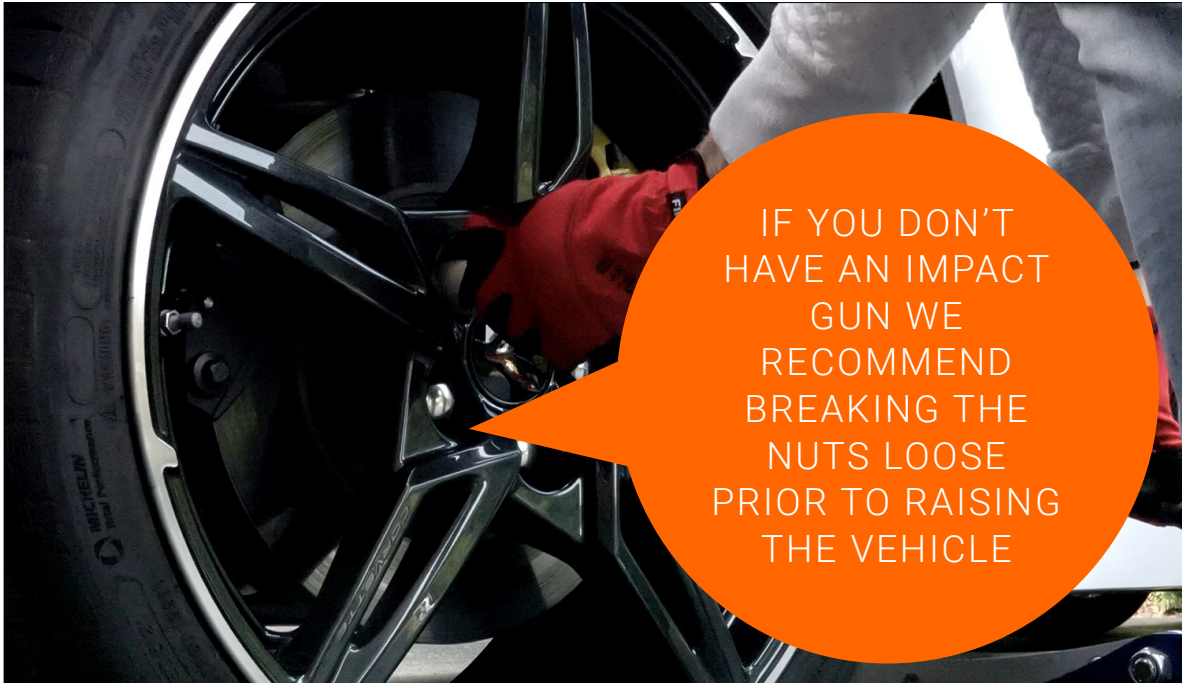
- RACING SPORT CONCEPTS C8 DIFFUSER
- 13 M6 FASTENERS
- 13 M6 U NUT FASTENERS



STEP 1

REMOVE REAR WHEELS

TOOLS: 22MM SOCKET



STEP 2

REMOVE REAR MUD FLAPS (BOTH SIDES)

TOOLS: 7MM SOCKET



STEP 3

REMOVE FASTENERS FROM FENDER LINER (BOTH SIDES)

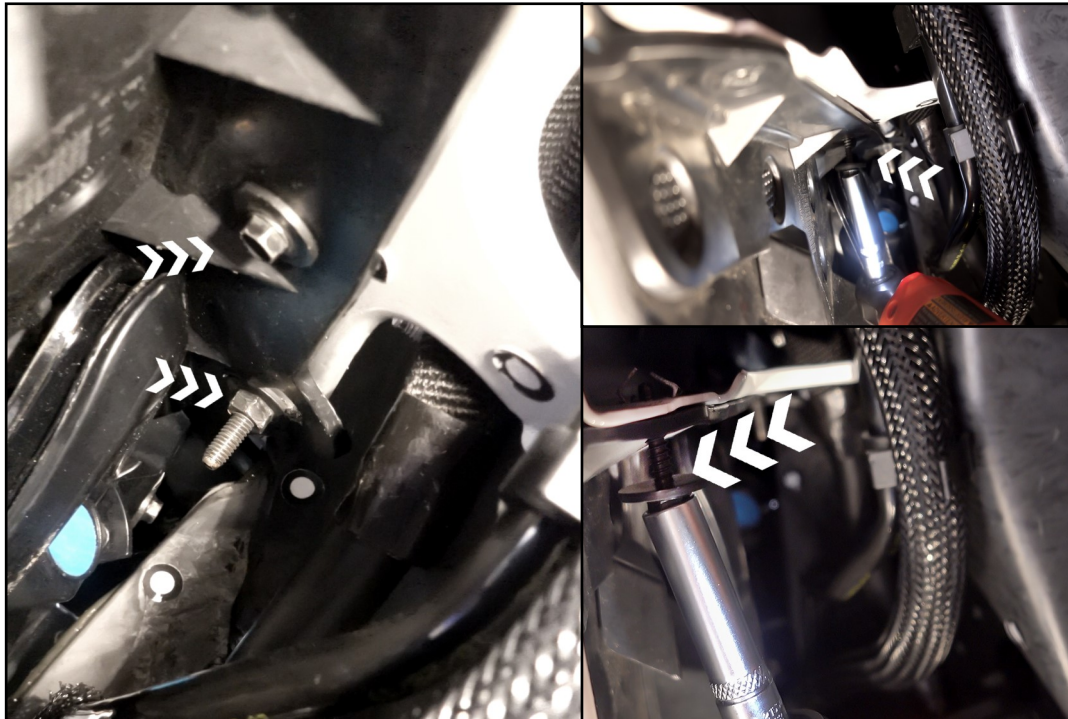
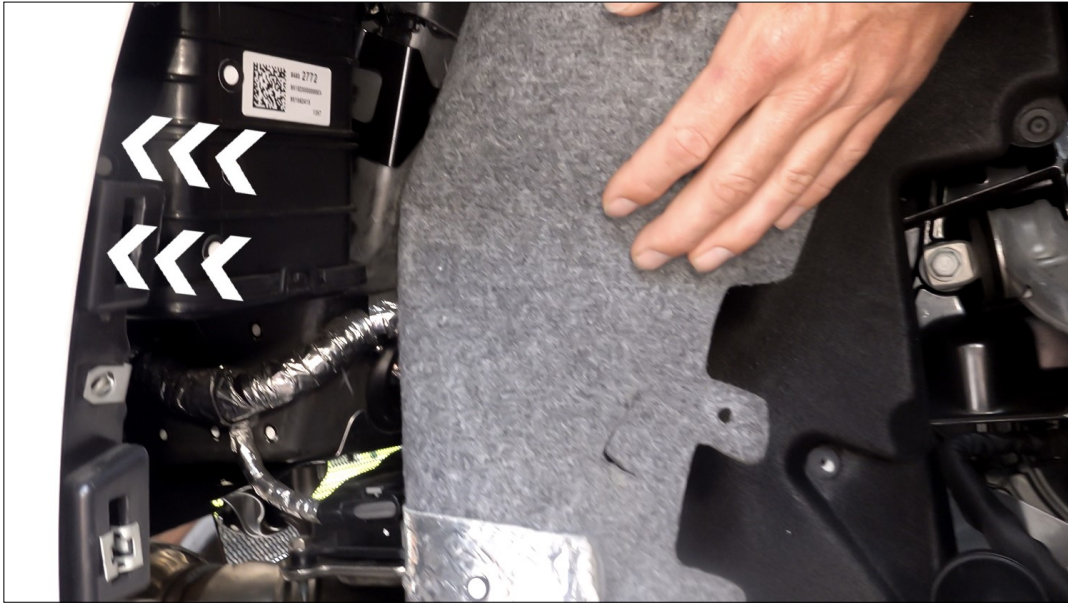
TOOLS: 7MM SOCKET & T15 TORX BIT



STEP 4

REMOVE TWO 7MM FASTENERS AND ONE 10MM FASTENER SECURING BUMPER TO REAR QUARTER PANEL

TOOLS: 7MM SOCKET & 10MM DEEP WELL SOCKET



STEP 5

REMOVE FOUR T15 TORX FASTENERS FROM LOWER EDGE OF DIFFUSER WHERE IT FASTENS TO THE UNDERTRAY

TOOLS: T15 TORX BIT



REMOVE TWO FASTENERS
FROM PASSENGER SIDE
AND DRIVER SIDE OF
DIFFUSER

STEP 6

REMOVE 14 T15 TORX FASTENERS AND TWO 7MM FASTENERS ON THE OUTSIDE EDGE (FASTENERS LOCATIONS CIRCLED IN ORANGE)

TOOLS: T15 TORX BIT & 7MM SOCKET



STEP 7

SEPARATE BUMPER COVER FROM CAR ABOUT 8 INCHES AND UNPLUG THREE ELECTRICAL CONNECTORS (1 LARGE WHITE, 1 SMALL BLACK AND 1 LARGE BLACK)

TOOLS: AN ASSISTANT TO HOLD BUMPER COVER



STEP 8

PLACE BUMPER COVER ON A PACKING BLANKET BRAKE LIGHTS FACING DOWN AND REMOVE THE TWO 7MM FASTENERS CIRCLED IN ORANGE

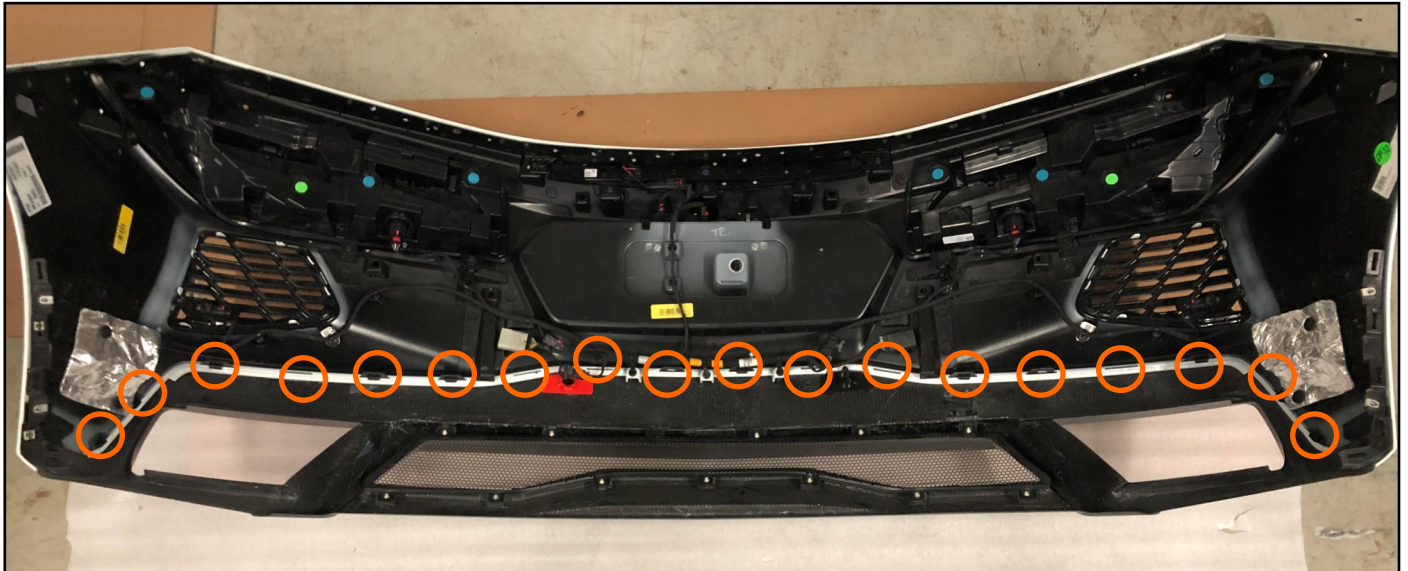
TOOLS: AN ASSISTANT TO REMOVE BUMPER COVER, 7MM SOCKET



STEP 9

REMOVE 18 PLASTIC CLIPS THAT FASTEN OEM DIFFUSER TO BUMPER COVER THEN SEPARATE DIFFUSER FROM BUMPER COVER (SAVE CLIPS)

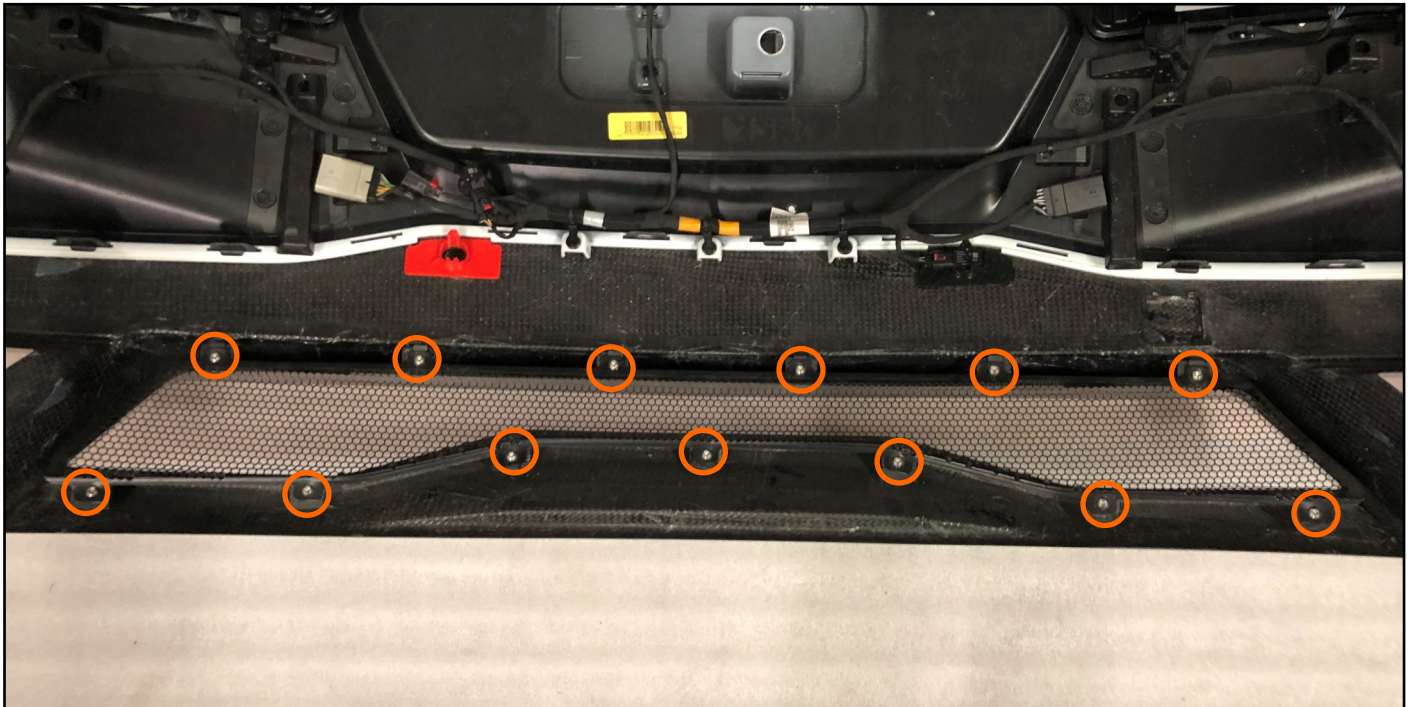
TOOLS: TRIM REMOVAL TOOL



STEP 10

REMOVE THE 13 FASTENERS THAT SECURE THE METAL MESH TO OEM DIFFUSER

TOOLS: 7MM SOCKET



STEP 11

INSTALL U NUTS LOCATED IN HARDWARE BAG ONTO CARBON DIFFUSER GRILL MOUNTING TABS (ALIGN U CLIP THREADS WITH DIFFUSER TAB HOLES)

TOOLS: PHILLIPS SCREW DRIVER



STEP 12

INSTALL METAL MESH ONTO CARBON DIFFUSER USING SUPPLIED M6 FASTENERS

TOOLS: 4MM ALLEN



STEP 13

POSITION BUMPER COVER ABOUT 6-8 INCHES FROM THE REAR OF CAR AND PLUG IN THE THREE ELECTRICAL CONNECTORS CIRCLED IN ORANGE (1 LARGE WHITE, 1 SMALL BLACK AND 1 LARGE BLACK)

TOOLS: AN ASSISTANT TO HOLD BUMPER COVER



STEP 14

ALIGN BUMPER COVER AND PUSH INTO PLACE

TOOLS: AN ASSISTANT TO HOLD BUMPER COVER



STEP 15

DOUBLE CHECK BUMPER COVER SEAMS ARE ALIGNED CORRECTLY AND REINSTALL THE 14 T15 TORX FASTENERS AND TWO 7MM FASTENERS ON THE OUTSIDE EDGE (FASTENERS LOCATIONS CIRCLED IN ORANGE)

TOOLS: T15 TORX BIT & 7MM SOCKET



STEP 16

REINSTALL THE FOUR T15 TORX FASTENERS FROM LOWER EDGE OF DIFFUSER WHERE IT FASTENS TO THE UNDERTRAY

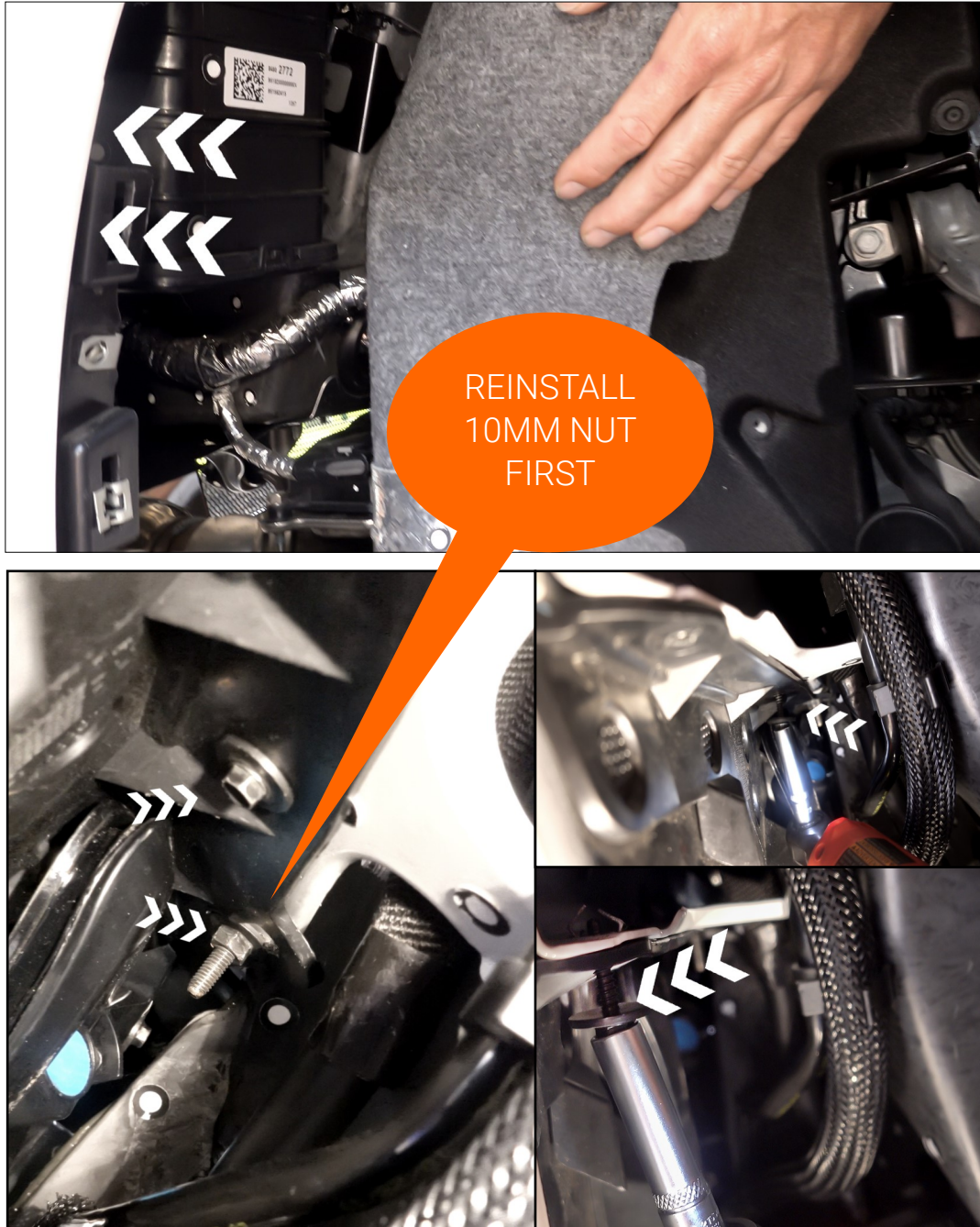
TOOLS: T15 TORX BIT



STEP 17

REINSTALL THE 10MM NUT & TWO 7MM FASTENERS SECURING BUMPER TO REAR QUARTER PANEL

TOOLS: 7MM SOCKET & 10MM DEEP WELL SOCKET



STEP 18

REINSTALL FASTENERS IN FENDER LINER (BOTH SIDES)

TOOLS: 7MM SOCKET & T15 TORX BIT



STEP 19

REINSTALL REAR MUD FLAPS (BOTH SIDES)

TOOLS: 7MM SOCKET



STEP 20

REINSTALL REAR WHEELS

TOOLS: 22MM SOCKET



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📞 1-800-815-3751

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📍 470 Schrock Rd., Suite D

Columbus, OH 43229

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