

Make(s): GALLERIA

Model(s): MANY, SEE BELOW Model Year(s): 2018 - 2021

Concern:

In the event the battery boost wire shorts, or fails, it may shut down or damage the power steering of the vehicle. This condition may lead to a crash.

Repair Code: RC-093-09-00-004514

Allotted Time: 1.50 HRS. Inspection Code: N/A Allotted Time: N/A

Photo(s) Required: YES, POST REMEDY Prior Authorization Required: YES Part(s) Kit Number: F100503421

Part(s) Return: N/A

Turn off LP Gas at LPG Tank(s). Disconnect the vehicles' battery Positive and Negative, disconnect any House battery(s) Positive and Negative, if equipped with a generator ensure it is off and lastly, ensure the vehicle is disconnected from shore power. Block any tires/wheels to prevent the vehicle from rolling. Failure to do so may result in electrocution, fire or other personal injury, property damage and/or death.

CERTAIN 2020 - 2021 GALLERIA: GAB24AM, GAB24FLM, GAB24QM & GAB24TM

2018 THROUGH 2021 MODEL YEAR - REMEDY PROCEDURE

LI3 ONLY - COMBINER RELAY AND SOLENOID REMOVAL PROCEDURE

PARTS NEEDED: BELL CAPS, HEAT SHRINK, P-CLAMPS, ELECTRICAL TAPE, ZIP TIES & LABELS

TOOLS NEEDED: SCREW GUN, WIRE STRIPPERS AND CRIMPERS, HEAT GUN, 1/2" AND 11/16" SOCKETS

STEP 1: LOCATE AND ACCESS THE COMBINER SOLENOID AND RELAY IN THE MAIN ELECTRICAL COMPARTMENT) (FIG 1.);

STEP 2: REMOVE ANY ZIP TIES RESTRICTING THE REMOVAL OF THE COMBINER RELAY AND SOLENOID;

STEP 3: CUT/DISCONNECT COMBINER RELAY RED 16 AWG WIRE FROM HARNESS - (RECONNECT RED 16 AWG AND RED 16 AWG IN HARNESS) (FIG. 3):

3A. CUT/DISCONNECT COMBINER SOLENOID GREY 16 AWG WIRE - (CAP OFF GREY WIRE);

3B. CUT/DISCONNECT COMBINER RELAY BLACK 16 AWG WIRE FROM WHITE 16AWG WIRE - (CAP OFF WHITE 16 WIRE) (FIG. 3B);

STEP 4: USING A 1/2" SOCKET REMOVE THE *RED* 2 AWG CHASSIS BATTERY CABLE CONNECTED TO THE COMBINER SOLENOID (FIG. 4); 4A. APPLY HEAT SHRINK OVER THE TERMINAL OF CABLE USING HEAT GUN;

STEP 5: USING A 1/2" SOCKET REMOVE THE RED 4/0 AWG HOUSE BATTERY CABLE, RED 2 AWG CABLE, AND IN-LINE FUSE HOLDER FROM

SOLENOID (FIG. 5);

STEP 6: DISMOUNT THE COMBINER RELAY AND SOLENOID THEN REMOVE THEM FROM PANEL (FIG. 6);

STEP 7: MOUNT 5/16" TERMINAL STUD TO COMPONENT BOARD (FIG. 7);

7A. USING 11/16" SOCKET INSTALL RED 4/0 AWG CABLE, RED 2 AWG CABLE, AND IN-LINE FUSE HOLDER TO 5/16" TERMINAL STUD AND TORQUE TO 140 IN.LBS.

STEP 8: USING ELECTRICAL TAPE AND/OR ZIP TIES RESECURE ANY DISTURBED WIRES;



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FIGURES/PHOTOS ON NEXT PAGE.

















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120 A BREAKER REMOVAL PROCEDURE

PARTS NEEDED: HEAT SHRINK, P-CLAMPS, ELECTRICAL TAP & ZIP TIES

TOOLS NEEDED: SCREW GUN, 9/16" SOCKET & HEAT GUN

STEP 1: LOCATE AND ACCESS 120 AMP BREAKER (FRONT DRIVER SIDE - UNDERCARRIAGE OF UNIT) (FIG. 1);

STEP 2: REMOVE ANY ZIP TIES OR CLAMPS RESTRICTING THE REMOVAL OF 120 AMP BREAKER;

STEP 3: REMOVE THE *RED* 2 AWG CABLE CONNECTED TO THE AUXILIARY SIDE OF THE BREAKER USING A 9/16" SOCKET (FIG. 3); 3A. APPLY HEAT SHRINK TO THE END OF CABLE USING HEAT GUN; 3B. TAPE CABLE INTO HARNESS (FIG. 3B);

STEP 4: REMOVE THE *RED* 2 AWG CABLE ON THE BATTERY SIDE OF THE 120 AMP BREAKER USING A 9/16" SOCKET (FIG. 4);
4A. REMOVE ZIP TIES OR CLAMPS RESTRICTING THE CABLE TO THE OEM TERMINAL POSTS (FIG. 4A);
AB. REMOVE THE *RED* 2 AWG CABLE FROM THE POST LEAVING OEM WIRING UNDISTURBED THEN TORQUE TO 141.62 IN-LBS. (FIG. 4B);

STEP 5: REMOVE THE 120 AMP BREAKER FROM THE FRAME AND COAT SCREW HOLES WITH EXTERIOR PAINT OR PRIMER;

STEP 6: RESECURE ANY LOOSE WIRES OR CABLES AND CLAMP HARNESS TO FRAME;

FIG. 1 FIG. 3















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EMERGENCY/BOOST SWITCH REMOVAL PROCEDURE

PARTS NEEDED: SNAP-IN PLUG & BELL CAPS

TOOLS NEEDED: WIRE STRIPPERS AND CRIMPERS, PRY TOOL & ELECTRICAL TAPE

STEP 1: LOCATE AND ACCESS BOOSTER SWITCH (FRONT DRIVER DASH) (FIGURE 1);

STEP 2: USING THE PRY TOOL, PULL THE SWITCH OUT FROM THE DASH AND DISCONNECT THE SWITCH FROM THE GREY 16 AWG WIRES (FIGURE 2);

STEP 3: CAP OFF BOTH GREY 16 AWG WIRES AND TAPE TOGETHER (FIGURE 3);

STEP 4: TUCK WIRES INTO THE DASH AND INSERT THE SNAP-IN PLUG (FIGURE 4);

STEP 5: REMOVE EMERGENCY START LABEL (FIGURE 5);

FIGURE 1

FIGURE 4

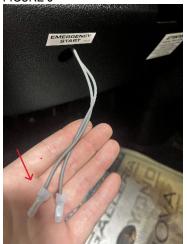


FIGURE 2



FIGURE 5

FIGURE 3





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