

Assembly Instructions

Model:	Jeep JL (Wrangler) & JT (Gladiator)
Description:	Front, Rear, Top Dash Speaker Install with Amplifier
Part Number:	MBQJ-STG6A-1 & MBQJ-STG6AH-1
Assembly Time:	120 Min (2-Hours)

Before you begin, read through these instructions and check that all parts are present. Please note that MB Quart cannot assume any responsibility for damage resulting from incorrect installation.

Parts List		
No.	Component Name	Qty
1	6.5in Midbass Speaker Kit (JW1-116E)	2
2	6.5in Lower Dash Speaker Enclosure (JE1-116)	2
3	3.5in Coaxial Speakers (JC1-108)	2
4	6x9in Rear Coaxial Kit (JC1-169SB)	2
5	Speaker Harness	2
6	NA2-400.2RC	2
7	MBQJ-ACC-1	1
8	AAMPPO OEM Interface (MBQJ-STG6A-1 Only)	1

Tools Required	
1	Bojo or Panel Tool
2	Philips Screwdriver
3	8, 10, 13mm Socket
4	Ratchet

Dash Disassembly

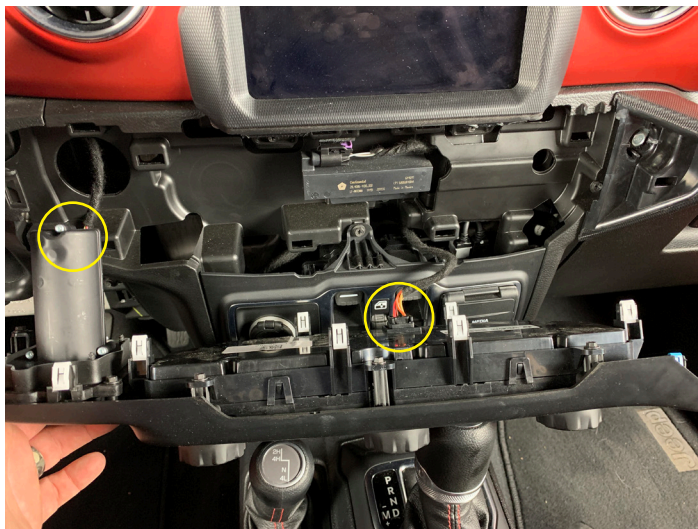
- Unclip and remove panel below the steering column



- Remove (2) Phillips screws



- Unclip, unplug, and remove the climate control panel



Dash Disassembly

- Remove (2) Phillips screws securing the radio trim panel, then unclip and remove



- Remove (1) Phillips screw securing the front dash pad, carefully unclip and remove by pulling forward toward the front seats



Dash Disassembly

- Carefully unclip the instrument panel shroud along the bottom and remove



- Unclip the lower steering column shroud and move toward steering wheel

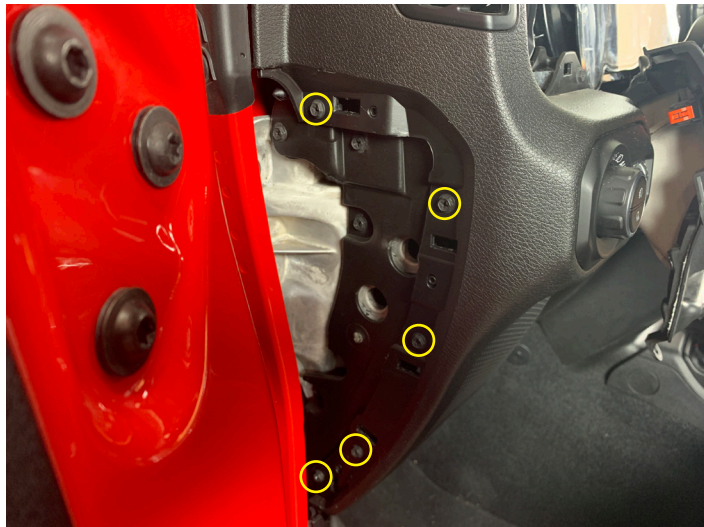


Dash Disassembly

- Unclip and remove the panel on the side of the dash



- Remove (5) Phillips screws that are exposed



- Unclip kick panel cover

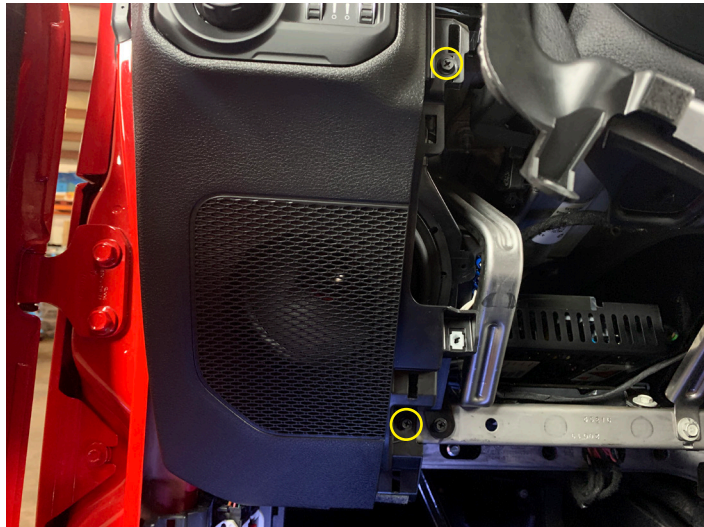


Dash Disassembly

- Remove (1) Phillips screw from lower left dash



- Remove (2) Phillips screws near steering column

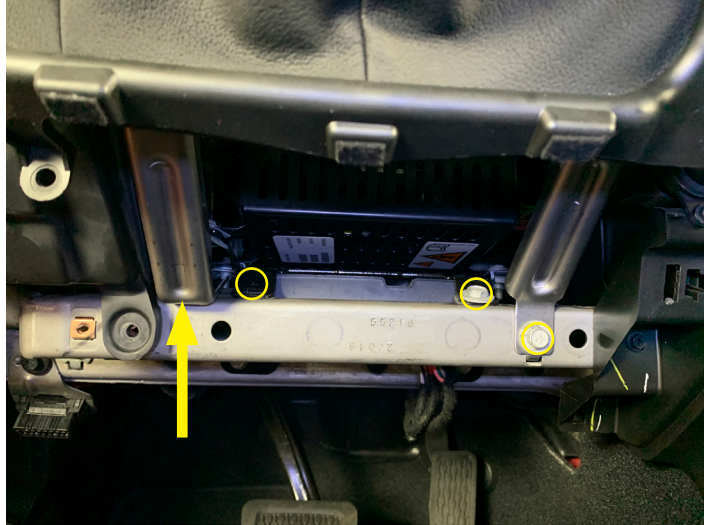


- Remove (2) Phillips screws on the top of the left dash then unclip and disconnect wiring on back of light switch to remove panel from vehicle

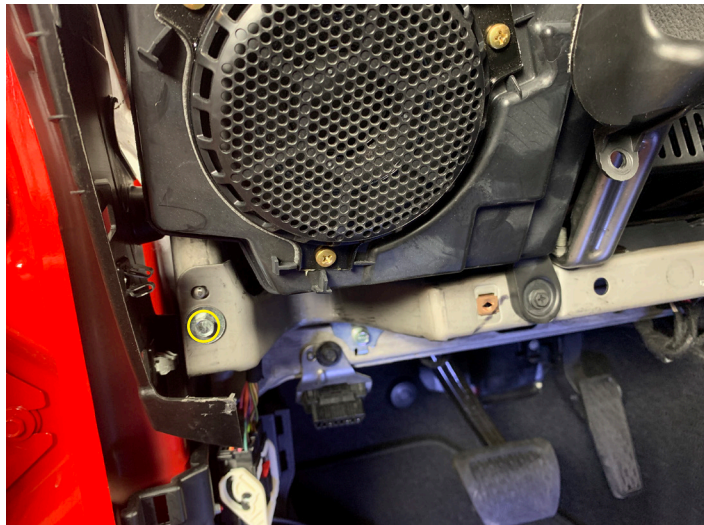


Lower Speaker Removal

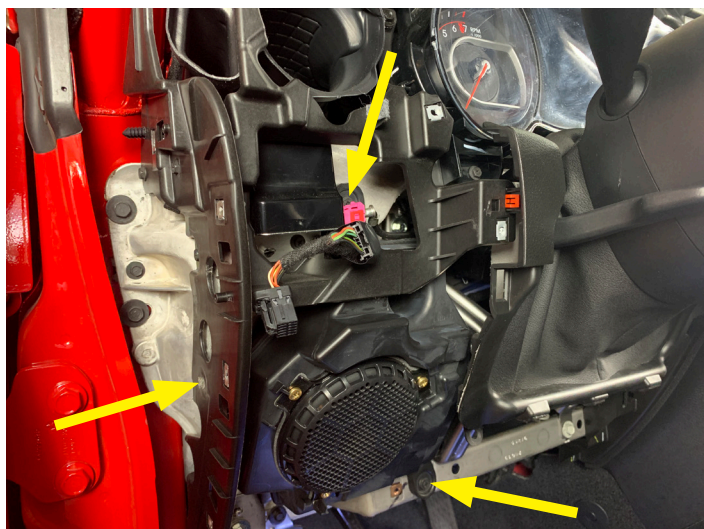
- Remove (4) 10mm bolts below steering column. (one is hidden behind the cross brace behind the left down support)



- Remove (1) 8mm bolt below the speaker and this will free the lower support brace to aid in the removal of the speaker enclosure

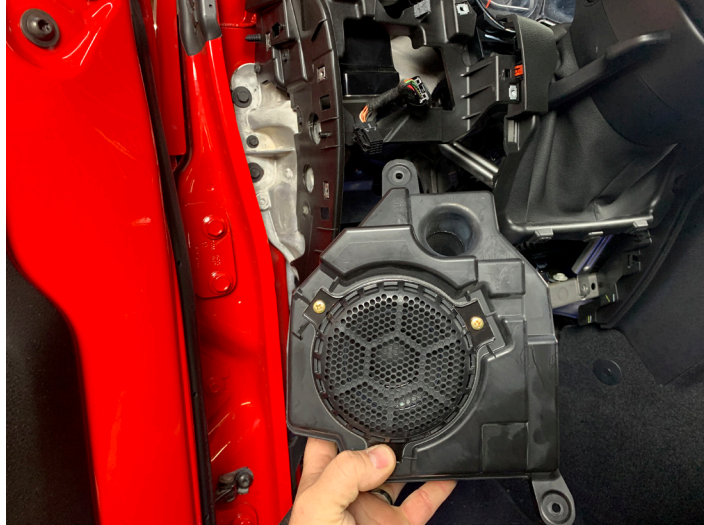


- Remove (3) Phillips screws securing the speaker enclosure



Lower Speaker Removal

- Disconnect harness from the enclosure and module mounted on the back side, then remove from vehicle



- Remove the module from the OEM enclosure



Dash Disassembly

- Install the module on the new enclosure using the OEM hardware



- On passenger side remove (4) Phillips screws



Dash Disassembly

- Unclip and remove the panel on the side of the dash



- Using a panel tool carefully remove the grab handle cover (starting on the left)



Dash Disassembly

- Remove (2) 10mm bolts securing the grab handle and set handle aside



- Unclip the airbag cover panel



- Remove (2) Phillips screws that have been exposed



Dash Disassembly

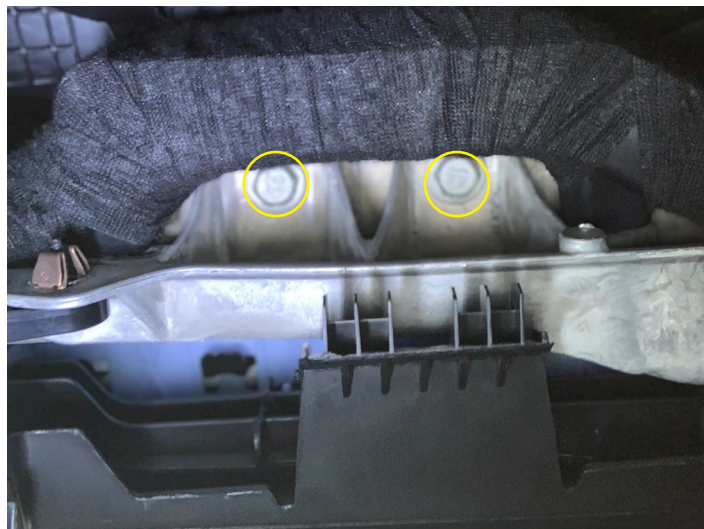
- Remove glove box by opening and lifting the upper tab and removing the latch on the left side



- Remove three Phillips screws that have been exposed



- Looking in the glovebox cavity up high, remove two 13mm bolts securing the back of the passenger side airbag

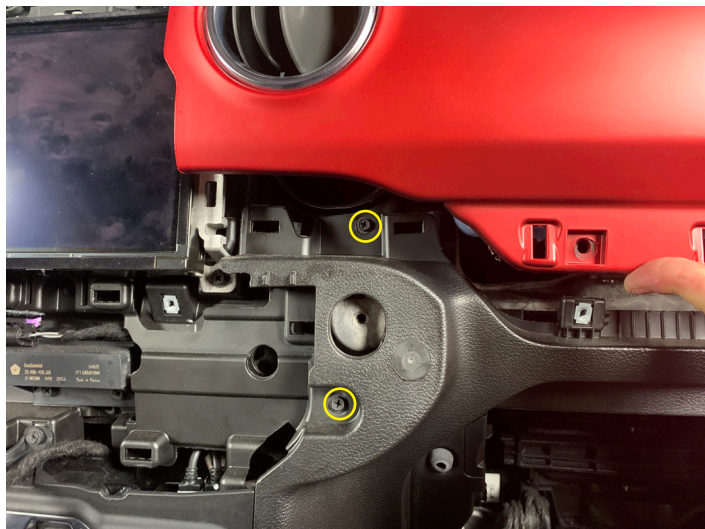


Dash Disassembly

- Carefully unclip the air bag. (this does NOT need to be removed from the vehicle)



- Lifting the air bag slightly will expose (5) Phillips screws that need to be removed



Dash Disassembly

- Remove (3) Phillips screws holding the passenger speaker enclosure, then disconnect wires and remove from vehicle



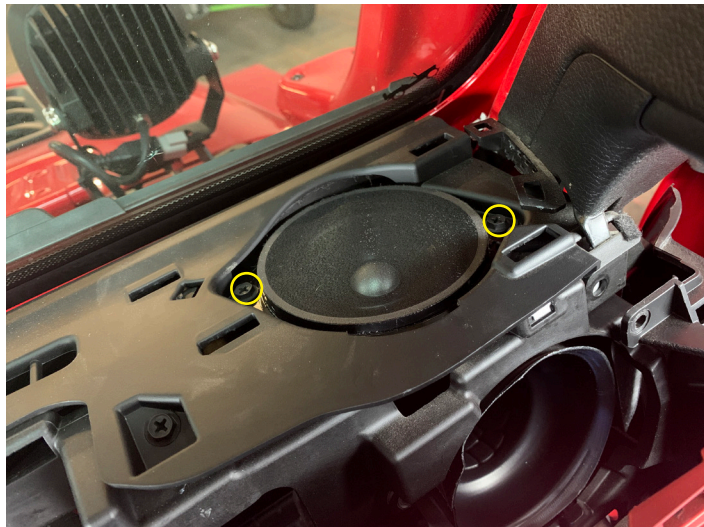
Upper Speaker Replacement

- If you are replacing the upper speakers as well, complete Steps 34 and 35 for driver and passenger side.

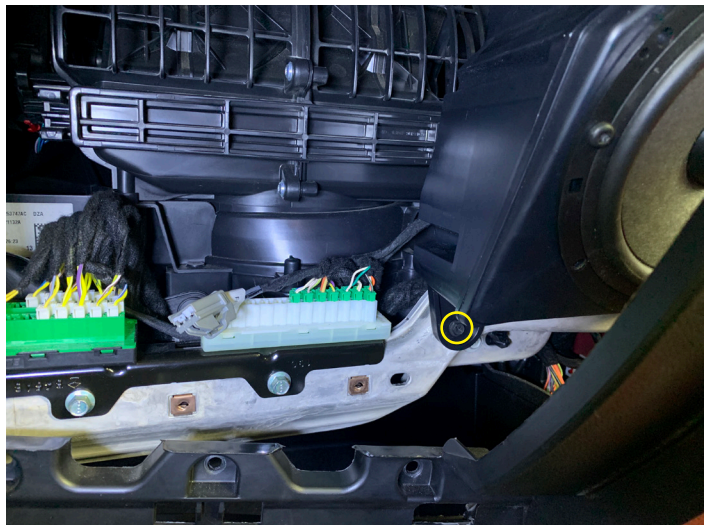
Unclip and remove dash grill



- Remove (2) Phillips screws, disconnect wiring and remove speaker from vehicle



- Install new speaker enclosure and secure with (3) Phillips screws



Upper Speaker Replacement

- Install new speaker enclosure and secure with (3) Phillips screws



- Connect the speaker enclosure to the wiring

Note – If just replacing the pods, but not adding amplifiers, then you will connect to OEM plug, but if you are adding amplifiers, then you will connect to the new harness.

Also, if replacing the upper dash speaker, then pass the other harness from pod up to top dash location



Upper Speaker Replacement

- Lifting the airbag slightly and install (5) Phillips screws



- Remove (2) Phillips screws, disconnect wiring and remove speaker from vehicle



- Carefully clip the airbag into place



Upper Speaker Replacement

- Looking in the glovebox cavity up high, install (2) 13mm bolts securing the back of the passenger side airbag



- Install (3) Phillips screws at bottom of glovebox opening



- Install glovebox by installing bottom hinge and pivoting up. (Also install left side gear arm)



Upper Speaker Replacement

- Install (2) Phillips screw at the bottom of the passenger airbag



- Clip the airbag cover panel into place



- Install (2) 10mm bolts securing the grab handle

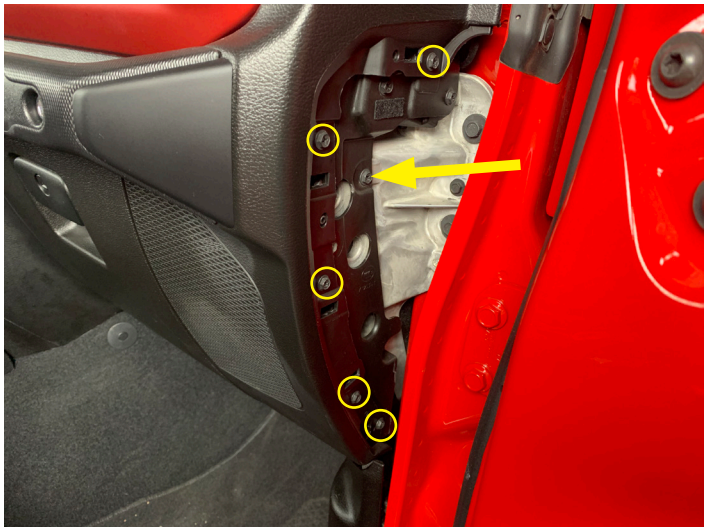


Upper Speaker Replacement

- Slide ears on cover into slot and snap grab handle cover into place



- Install (5) Phillips screws on the side of dash



- Clip the passenger side dash cover into place



Upper Speaker Replacement

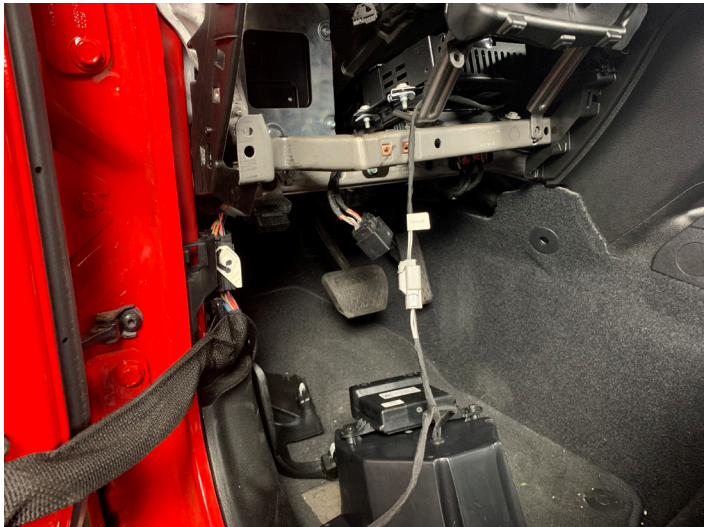
- Install (4) Phillips screws on the top of the air bag



- Connect the speaker enclosure to the wiring

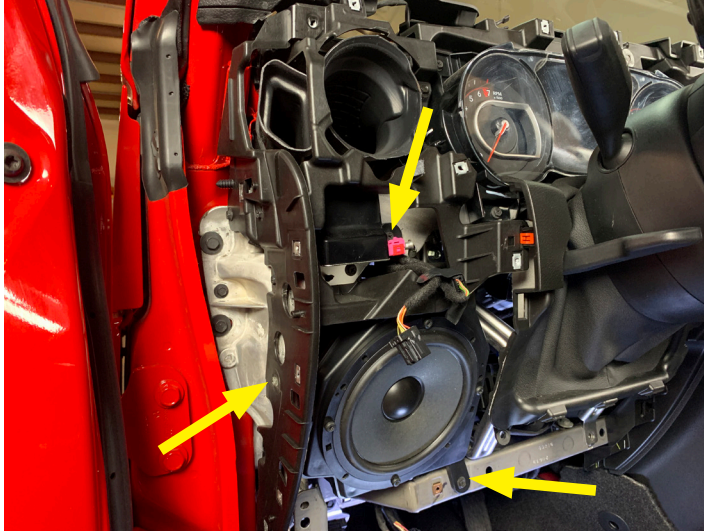
Note – If just replacing the pods, but not adding amplifiers, then you will connect to OEM plug, but if you are adding amplifiers, then you will connect to the new harness.

Also, if replacing the upper dash speaker, then pass the other harness from pod up to top dash location

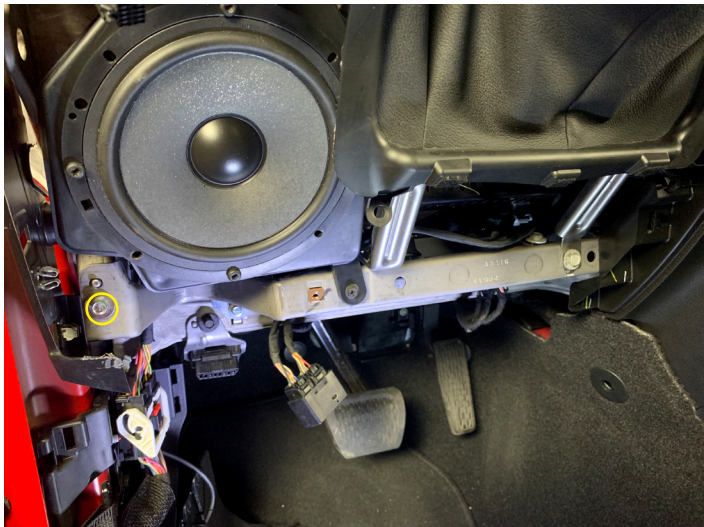


Lower Speaker Install

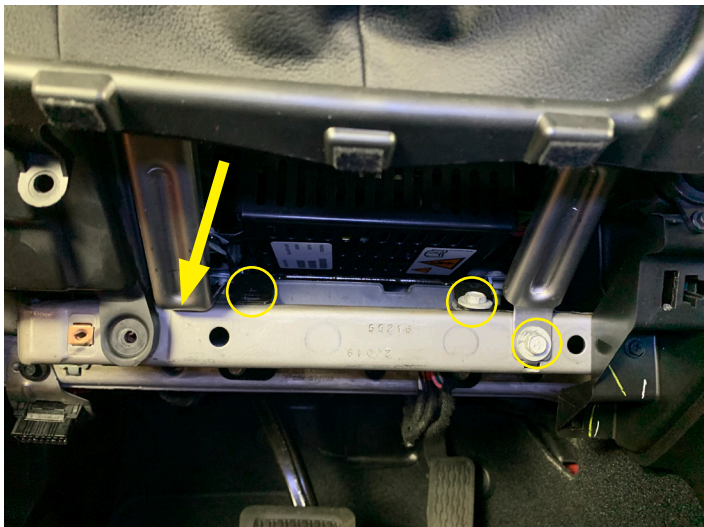
- Install (3) Phillips screw to secure the enclosure



- Install (1) 8mm bolt below the speaker



- Install (4) 10mm bolts below steering column. (one is hidden behind the cross brace behind the left down support)



Dash Reassembly

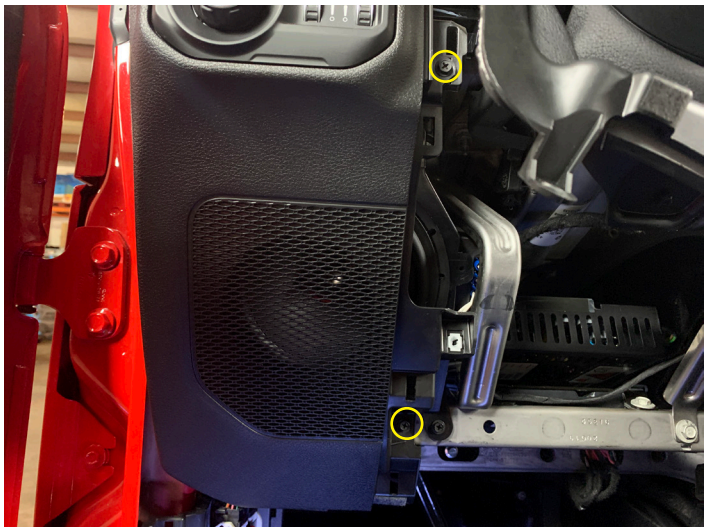
- Connect and install driver side dash



- Install (2) Phillips screws on the top of the left dash



- Install (1) Phillips screw from lower left dash



Dash Reassembly

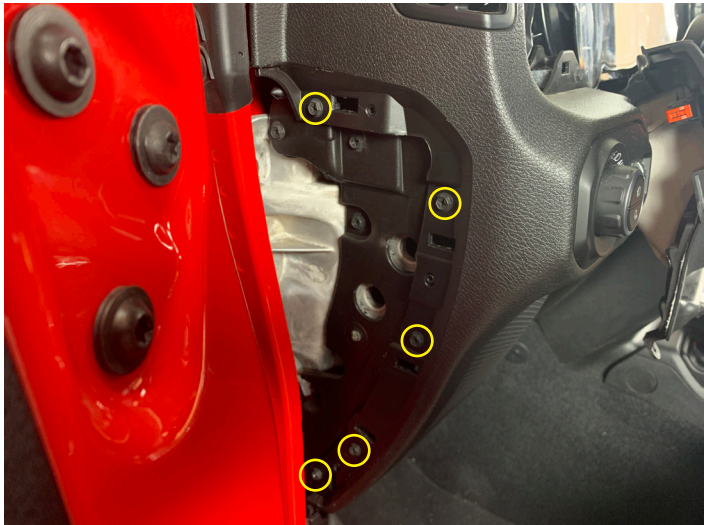
- Install (1) Phillips screw from lower left dash



- Clip kick panel cover into place



- Install (5) Phillips screws on driver side of dash



Dash Re-assembly

- Clip the dash side panel into place



- Clip the steering column shroud into place



- Install (2) Phillips screws on shroud



Dash Reassembly

- Clip the instrument panel shroud into place



- Install (4) Phillips screws on the driver side securing instrument panel shroud



- Clip top of dash into place



Dash Reassembly

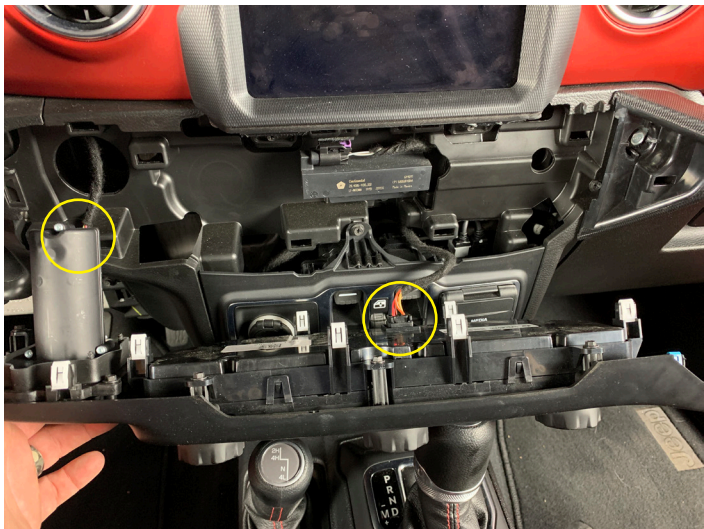
- Install (1) Phillips screw



- Clip the radio shroud into place and install (2) Phillips screws



- Connect the wiring



Dash Re-assembly

- Connect the wiring and clip the climate control panel into place



- Install and clip in place the lower steering column cover



- If you are replacing the top dash speakers, make sure to connect the wires that you passed from the lower pod to the speaker



Upper Speaker Replacement

- Install speaker with (2) Phillips screws



- Clip top dash grill into place



Rear Speaker Installation

- Remove four 5mm Allen bolts to remove the OEM Grill



- Remove and disconnect (4) T30 Torx screws from the port and (5) T20 Torx screws from both speakers



- Apply painter tape to the soundbar, then hold the 6x9 speaker mounting plate up and mark the speaker opening



Rear Speaker Installation

- Remove 6x9 mounting plate to show roughly the cutting and using a rotary cutting tool, cut a hole similar to the picture on the right

BE VERY CAREFUL not to cut the OEM wiring as this will be used with the 6x9 speaker



- Mount the 6x9 metal plate to the soundbar with (8) Phillips screws



Rear Speaker Installation

- Connect the harness adapter to the OEM plug and connect to the 6x9, then mount the 6x9 to the mounting plate using (4) M4 Screws and washers



- Mount the new soundbar grill for the 6x9 with the OEM 5mm bolts



- Reference Wiring/Amplifier install manual for installing the NA2-400.2RC amplifiers.

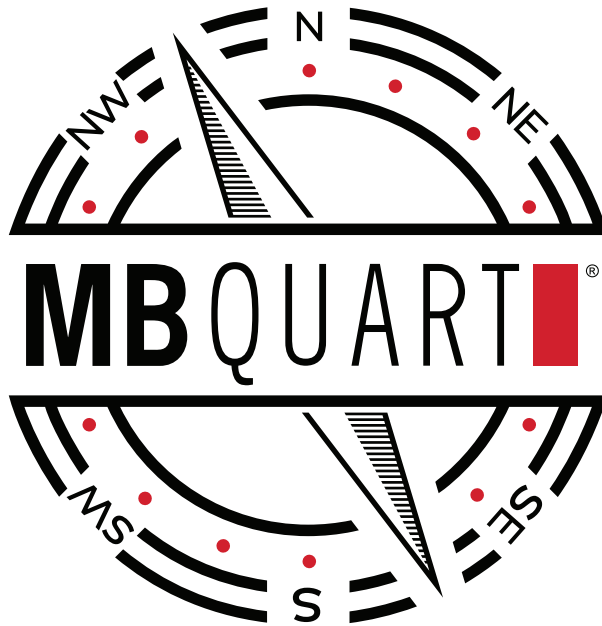


FCC Notification

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WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complied with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.



Wiring/Amplifier Installation Guide

Model:	Jeep JL (Wrangler) & JT (Gladiator)
Description:	Wiring/Amplifier Install
Part Number:	MBQJ-ACC-1 & MBQJ-ACC-1AH
Assembly Time:	120 Minutes (2 Hours)

Before you begin, read through these instructions and check that all parts are present. Please note that MB Quart cannot assume any responsibility for damage resulting from incorrect installation.

Parts List		
No.	Component Name	Qty
1	NA2-400.2RC	2
2	NA2-400.1	1
3	Amplifier Mounting Plate	1
4	Harnesses	4

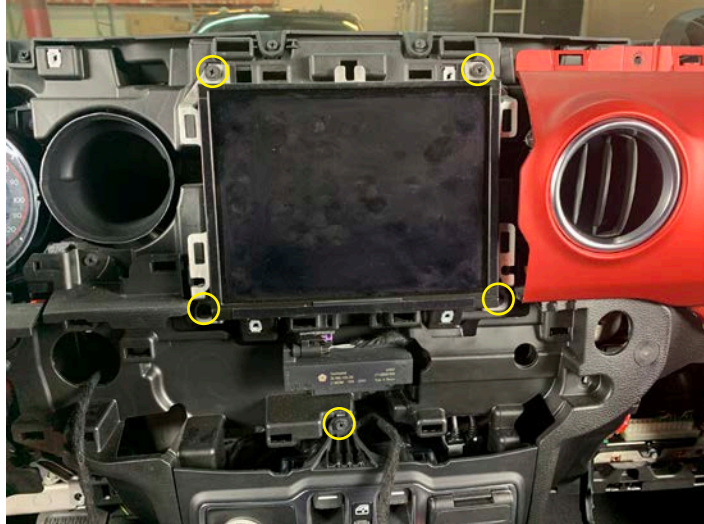
Tools Required	
1	Bojo or Panel Tool
2	Philips Screwdriver
3	8, 10, 13mm Socket
4	Ratchet
5	T25 Torx Bit

Disassembly

Step 1

- To get to this point will be Step 1 to 4 from the speaker installation

Remove (5) Phillips screws from center dash/screen area



Step 2

- Unclip lower center console and move toward rear of vehicle



Step 3

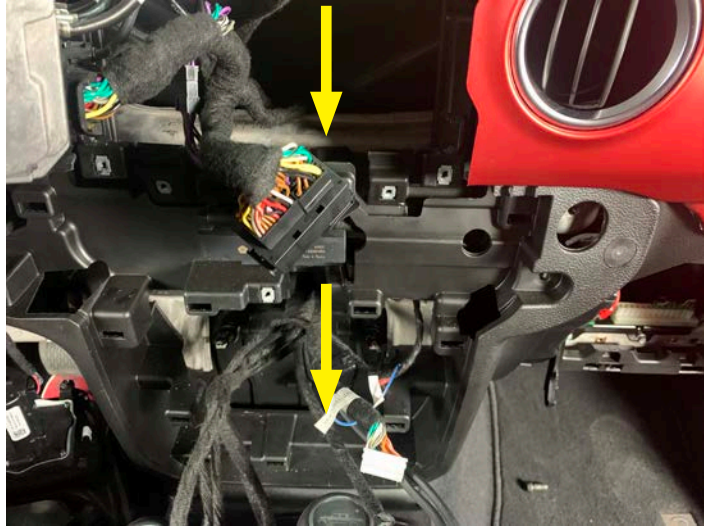
- Disconnect large main harness connector on back of radio screen. Then connect the PAC Audio T-Harness into the radio and the OEM connector into the T-Harness. (for more information on the PAC Audio interface and wiring please refer to the instructions provided in the interface box)



Disassembly

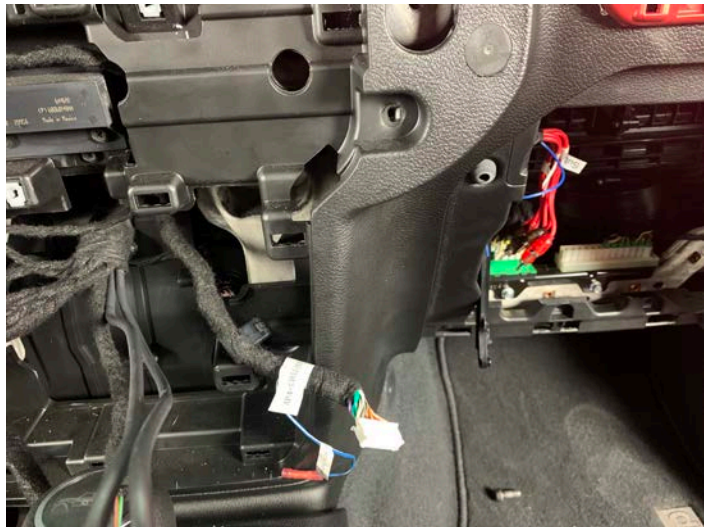
Step 4

- Route T-Harness pigtail from radio pocket to lower console behind metal brace



Step 5

- Continue routing pigtail harness toward glovebox opening (this will be where the main control box will be hidden)



Step 6

- Unclip passenger kick panel cover



Disassembly

Step 7

- Disconnect passenger door harness, door strap, and 10mm nut that has been exposed



Step 8

- Unclip passenger sill cover, it is easiest starting at the rear of the door opening and moving forward, once unclipped remove from vehicle



Step 9

- With passenger seat slid all the way back remove (2) T-50 Torx bolts



Disassembly

Step 10

- Slide passenger seat forward and remove (2) T-50 Torx bolts from the rear

Note

Do not remove seat from vehicle



Step 11

- Remove front two roof sections (which will aid in soundbar disassembly to follow) and refer to your Jeep owner manual on removal of top



Step 12

- Remove (4) T25 Torx screws from the passenger side upper roll cage cover and set aside



Disassembly

Step 13

- Unclip and disconnect the dome light



Step 14

- Remove (3) T-25 Torx screws from the front edge of the soundbar cover and then unclip and remove set aside



Step 15

- Remove the fir tree clip, then gently unclip the T-panel, (you will NOT be removing from the vehicle just gaining enough space to pass soundbar wiring behind)



Disassembly

Step 16

- Unclip rear door sill panel first two clips by moving towards the center of the vehicle



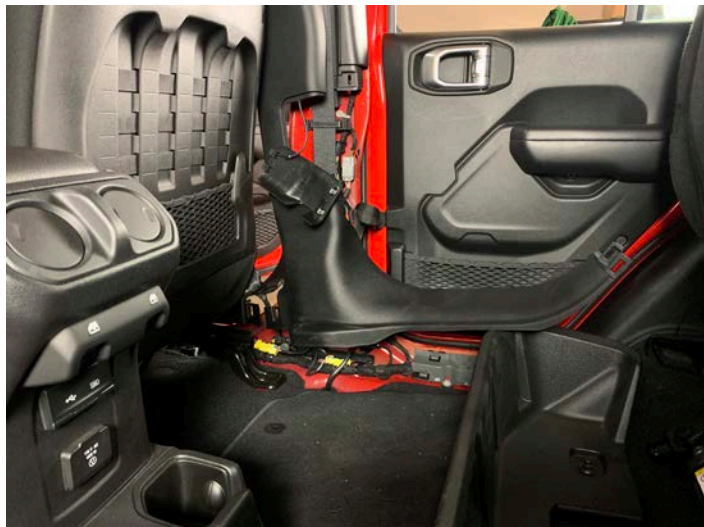
Step 17

- Unclip the two covers on B-Pillar sill panel



Step 18

- Unclip and remove B-Pillar sill panel



Subwoofer Install if applicable

Step 19

- If no subwoofer being install skip Steps 19 to 22

Remove (4) 10mm bolts securing the under seat storage compartment, (may need to remove rubber insert to gain access to bolts)



Step 20

- Remove jack



Subwoofer Install if applicable

Step 21

- Cut a small hole in the carpet (as pictured) to pass the subwoofer extension harness through going toward the outside of the vehicle along door seal toward passenger seat area



Step 22

- Install jack



Wiring Install

Step 23

- Disconnect OEM connector from soundbar, and connect new harness, and then zip tie along OEM wiring moving down the B-Pillar to under the passenger seat



Step 24

- Clip the T-panel into place and install the first tree clip



Wiring Install

Step 25

- Clip soundbar cover into place and install (3) T-25 Torx screws on the front edge



Step 26

- Clip dome light back in place



Step 27

- Place passenger roll cage cover into position and install (4) T25 Torx screws



Wiring Install

Step 28

- Clip the B-Pillar panel back into place sliding under rear door seal panel



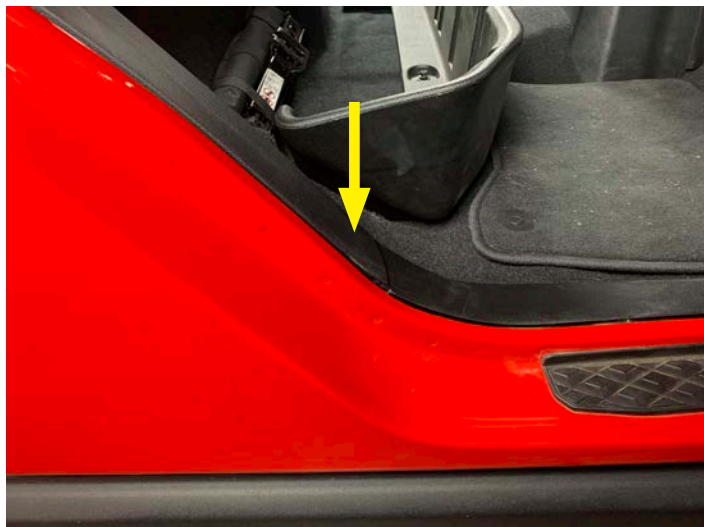
Step 29

- Clip (2) covers back on the B-Pillar seal panel



Step 30

- Clip rear door seal panel into the B-Pillar panel



Wiring Install & Assembly

Step 31

- Install front (2) roof sections and refer to your Jeep owner manual for installation of top



Step 32

- Pull back carpet along center console. Then run the RCAs and remote turn on from under the seat to the glove box area along the center console, then route the wire



Step 33

- replace carpet along center console

Note

You will have extra an RCA and remote wire which is dependent on what source unit you will be using



Wiring Install & Assembly

Step 34

- Connect the remote wire to the PAC Audio pigtail harness, then connect the interface box to the pigtail harness, (at this point the RCAs can be plugged in and reference the labels to connect properly)



Step 35

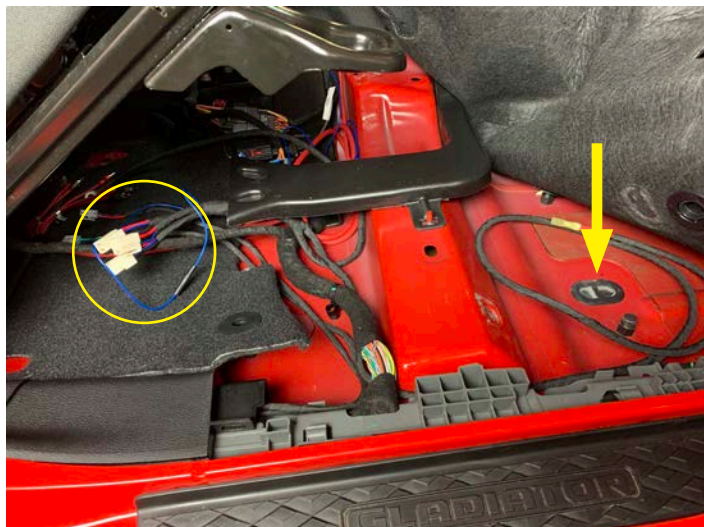
- Place the PAC Audio interface box (like pictured)

Note – If you choose to use the included knob from PAC to control the subwoofer and door chime volume, then place somewhere easily accessible in the vehicle



Step 36

- Place amplifier power connections under passenger seat routing power wire along OEM wiring toward floor grommet (Also connect the remote wire at this time)



Wiring & Amplifier Install

Step 37

- Remove grommet



Step 38

- Using a utility knife, make a small cut



Step 39

- Pass the power wire through the grommet and to the underside of the vehicle, and then install the grommet back into its location



Wiring & Amplifier Install

Step 40

- Install the grommet back into its location



Step 41

- Under the vehicle zip tie the harness along the OEM wire channel should move forward into the fender area



Step 42

- Pass power wire up passenger fender near battery

Note

Pass a fish tape from top down to help pull wire up



Wiring & Amplifier Install

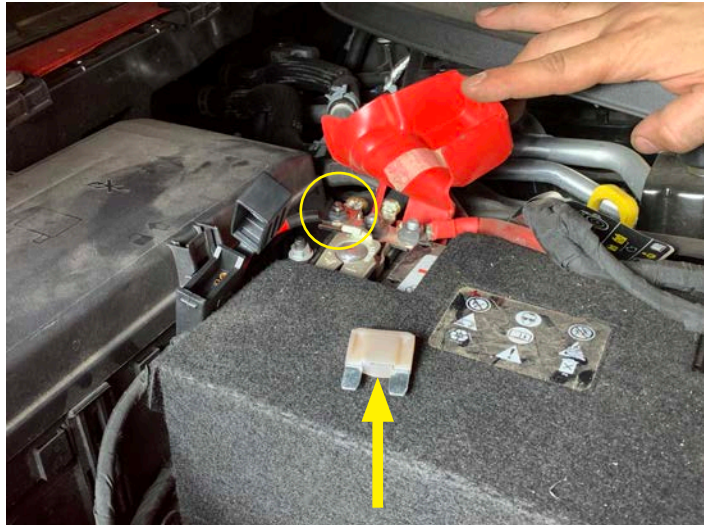
Step 43

- Crimp and heat the fuse butt connector by the battery



Step 44

- Remove 70A MAXI fuse and make connection to the battery with a 10mm socket



Step 45

- Place front speaker wire harness under passenger seat and route wires along OEM harness from under seat to door jam routing forward to kick area (zip tie all wires in this area to OEM wiring and now carpet can be put back into place)



Wiring Install & Assembly

Step 46

- Place amplifiers on mounting plate in order pictured
- Loosely start M4 screws mounting amplifiers, once all screws have been installed go back and tighten.



Step 47

- Tilting the passenger side seat forward, connect the power and speaker connections to the appropriate amplifiers. Amplifier position from previous step:

Fronts - Closest to door, connects to fronts harness

Rears - Middle, connects to the rears harness

Subs - Closest to console, connects to sub harness



Step 48

- Lower the seat and install the (4) T-50 Torx bolts and align the rear amp plate mounts to the rear bolts, then install the RCAs into the appropriate amplifier



Wiring Install & Assembly

Step 49

- Zip tie front speaker wires along OEM wires to pass up into the dash toward the passenger front speaker location



Step 50

- Reinstall passenger front door sill clipping into place



Step 51

- Connect passenger door harness, door strap and install 10mm nut



Wiring Install & Assembly

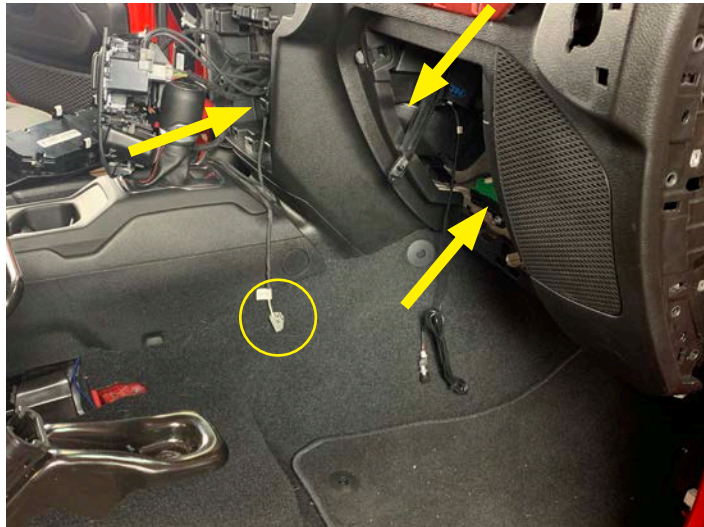
Step 52

- Clip passenger kick panel cover



Step 53

- Pass the driver side speaker wire along the glove box lower frame, behind glove box door gear, and into the center dash area



Step 54

- Continue routing the driver side speaker wire under the lower center dash wire to driver side



Wiring Install & Assembly

Step 55

- Continue passing driver speaker wire from center dash area to under steering column area and route wire along lower dash support behind bracing

NOTE

This connection will be connected to the new Drivers side speaker. Please refer to front speaker assembly instructions



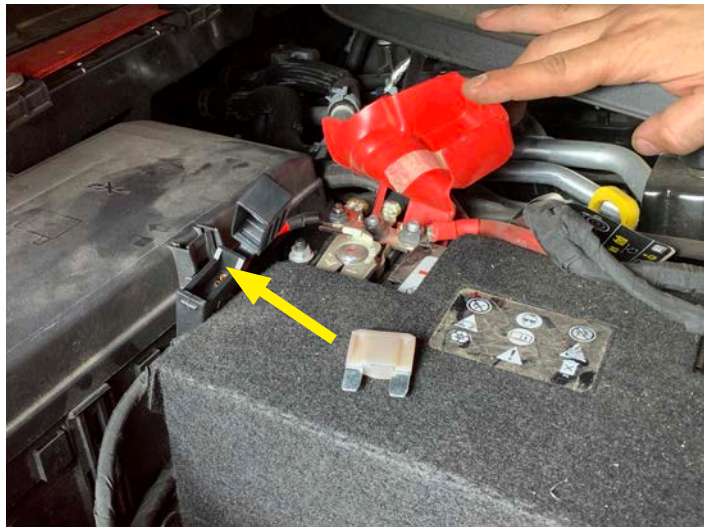
Step 56

- Clip the lower center console into place and install (1) Phillips screw



Step 57

- Install the 70A MAXI fuse at the battery



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