

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

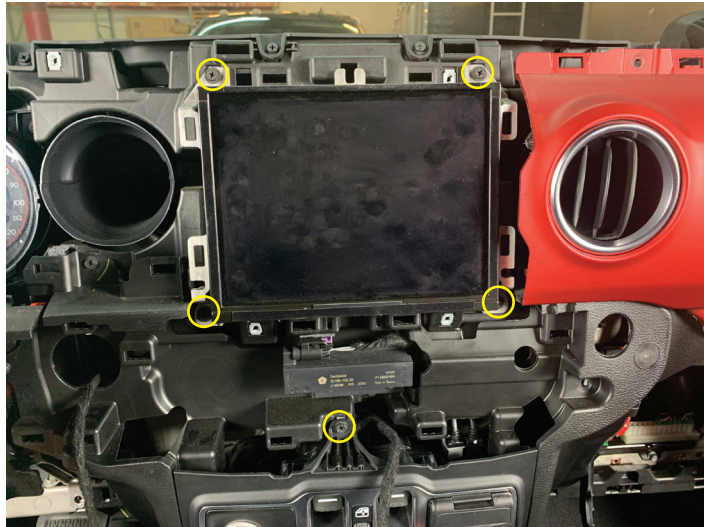
Tools Required	
1	Bojo or Panel Tool
2	Philips Screwdriver
3	8, 10, 13mm Socket
4	Ratchet
5	T25 Torx Bit

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

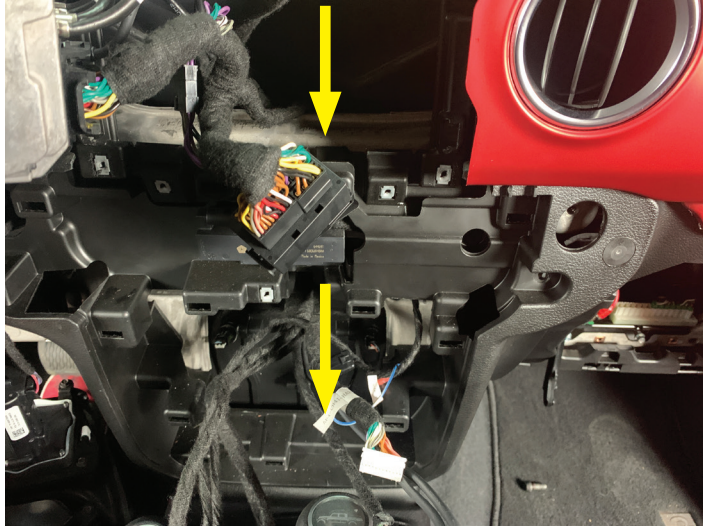
- Disconnect large main harness connector on back of radio screen. Then connect the PAC Audio T-Harness into the radio and the OEM connector into the T-Harness. (for more information on the PAC Audio interface and wiring please refer to the instructions provided in the interface box)



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

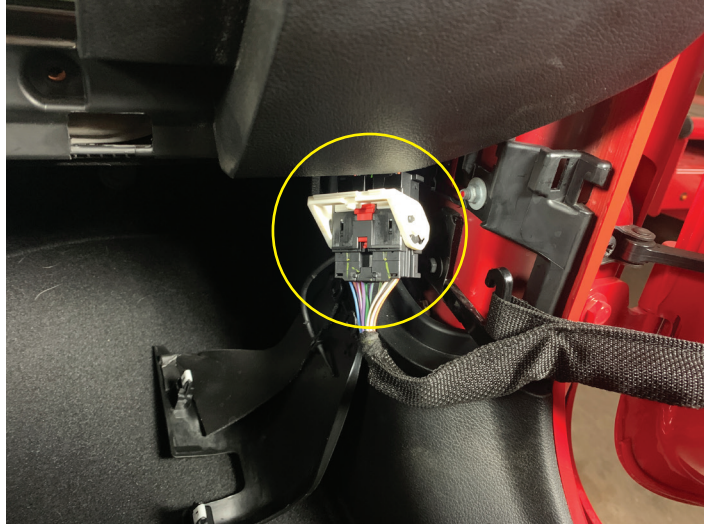
- Unclip passenger kick panel cover



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

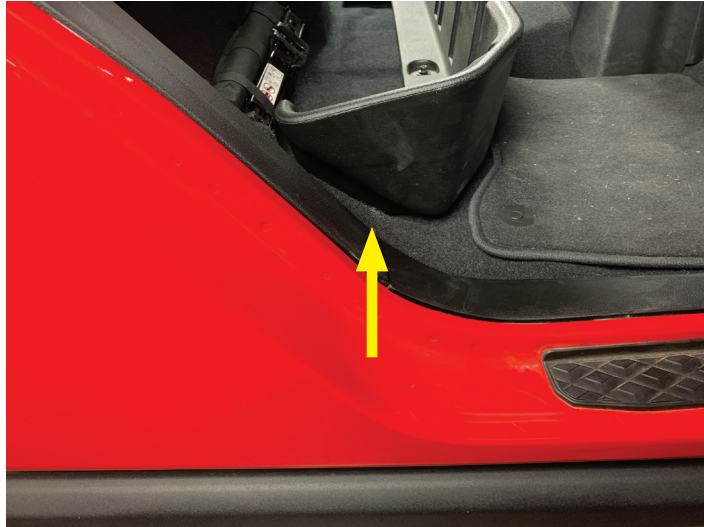
- Remove the fir tree clip, then gently unclip the T-panel, (you will NOT be removing from the vehicle just gaining enough space to pass soundbar wiring behind)



Disassembly

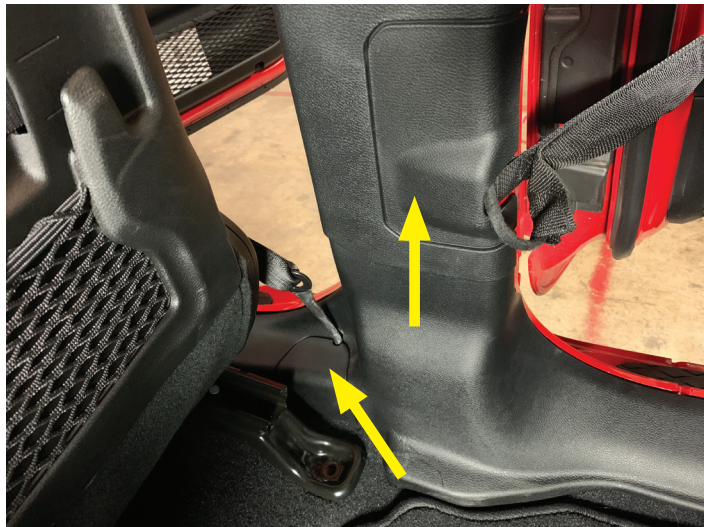
Step 16

- 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

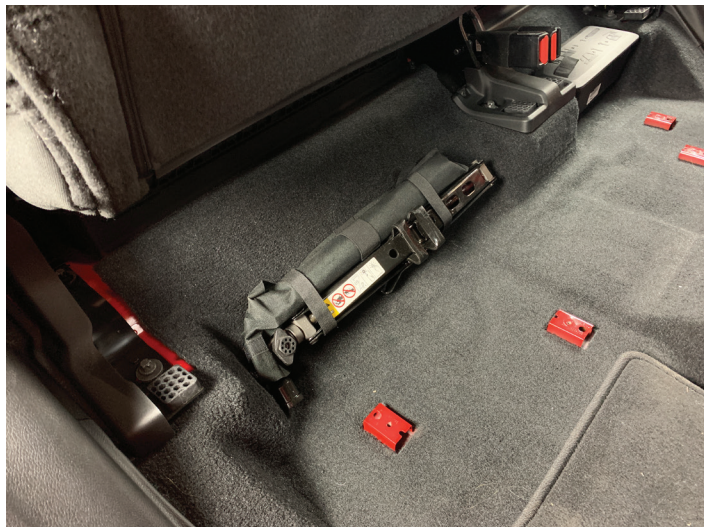
- If no subwoofer being install skip Steps 19 to 22

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

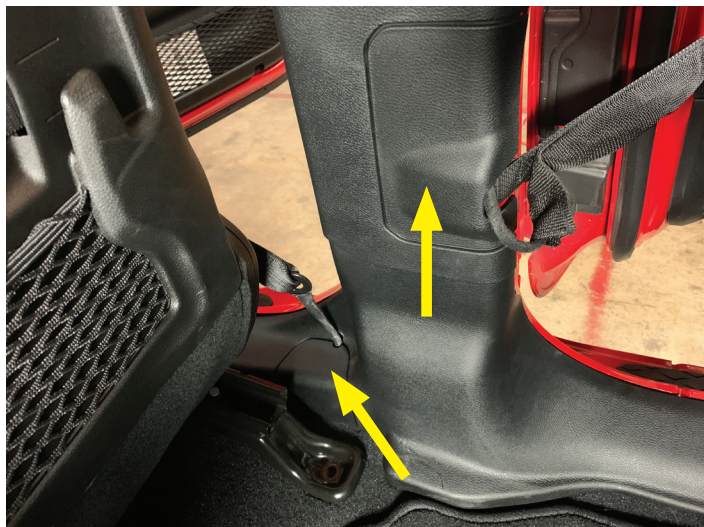
Step 28

- 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

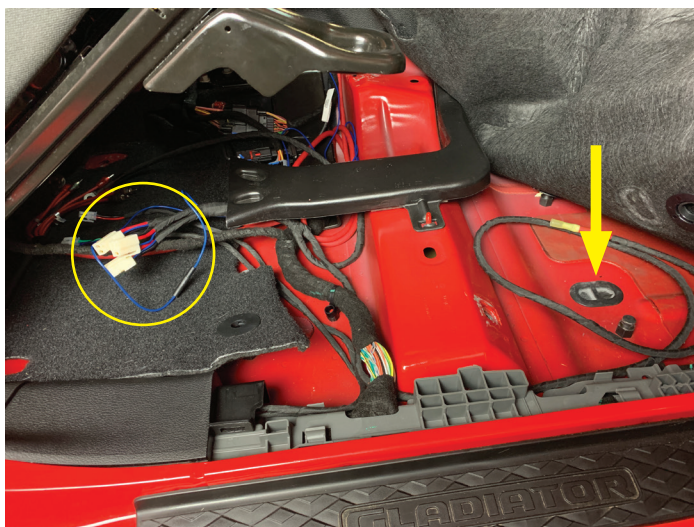
- Place the PAC Audio interface box (like pictured)

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

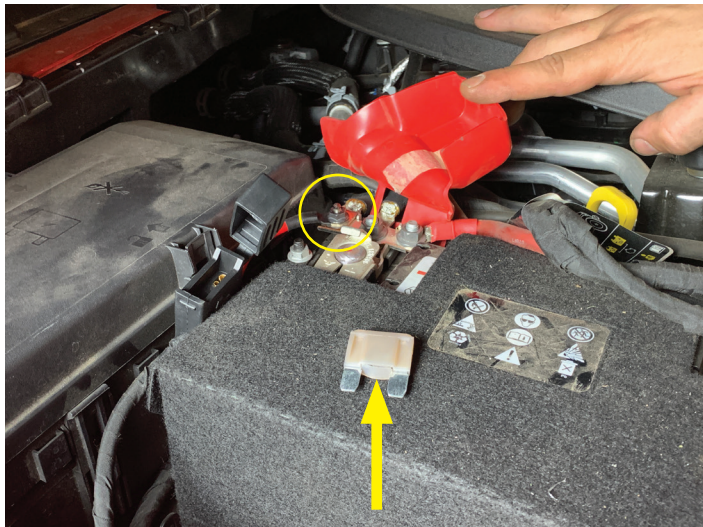
Step 43

- 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 & Amplifier Install

Step 46

- Attach Black ground wire, to the factory ground stud under the Passenger seat



Step 47

- 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 48

- 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



Wiring Install & Assembly

Step 49

- 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



Step 50

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



Step 51

- Reinstall passenger front door sill clipping into place



Wiring Install & Assembly

Step 52

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



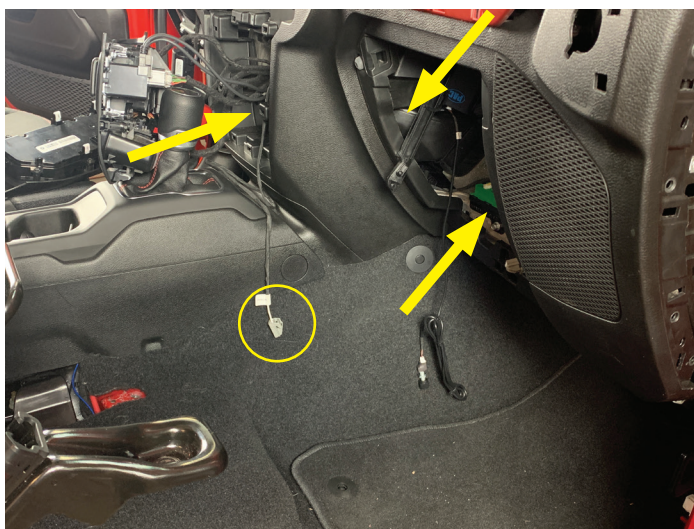
Step 53

- Clip passenger kick panel cover



Step 54

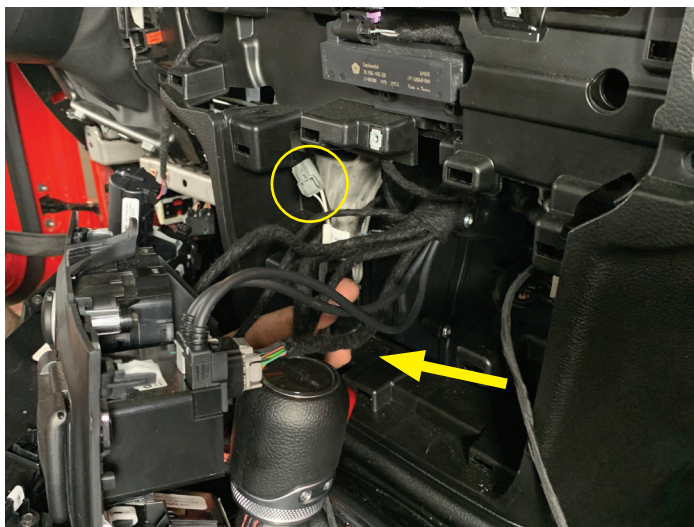
- Pass the driver side speaker wire along the glove box lower frame, behind glove box door gear, and into the center dash area



Wiring Install & Assembly

Step 55

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



Step 56

- 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 57

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



Wiring Install & Assembly

Step 58

- Install the 70A MAXI fuse at the battery



FCC Notification

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a mobile installation. This equipment generates uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions, this equipment may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation.

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.