

## Installation Instructions

<b>Model:</b>	2024 Jeep Wrangler JL (Wrangler) & JT (Gladiator)
<b>Description:</b>	OEM Dash Speakers & Amplifier Upgrade
<b>Part Number:</b>	MBQJ-STG4A-1
<b>Assembly Time:</b>	120 Min (2 Hours)

It is always best practice to disconnect your negative battery terminal prior to any electronics installations to avoid damaging the vehicle's electrical system. Before you begin, read through these instructions and check that all parts are present.

This installation may require special skills and tools to complete and it may be necessary to seek a trained installation technician to complete this installation. 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
5	Speaker Harness	2
6	NA2-400.2RC	2
7	MBQJ-ACC-1	1
8	AAMPPRO OEM Interface (MBQJ-STG4A-1 Only)	1

Tools Required	
1	Bojo or Panel Tool
2	Philips Screwdriver
3	7mm, 8mm, & 10mm Socket
4	Ratchet
5	E14 E-Torx
6	T15 & T20 Torx
7	Extensions

## Lower Front Speaker Disassembly

- Begin by disconnecting the battery.



- Using a trim tool remove the two rubber mats at the top of the dash.



- Remove the (4) 7mm screws underneath. There are two on each side.





## Lower Front Speaker Disassembly

- With screws removed, gently pry the piece out of place and set aside for now.



- Remove (2) 7mm screws underneath.



- Gently pry off the top part of the dash and place off to the side for now.



## Lower Front Speaker Disassembly

- Remove the (5) 7mm screws holding in the monitor portion of the dash.



- Once removed, gently pry off the monitor portion of the dash. After, flip it over and disconnect the two connectors and place it aside for now.



- On the passenger side of the vehicle use a trim tool to pry off the backing on the handle above the glove box.





## Lower Front Speaker Disassembly

- Under the piece just removed, you'll have to remove (3) 7mm screws.



- Remove the side panel using a trim tool.



- Remove (4) 7mm screws. (Two up top and two down low)

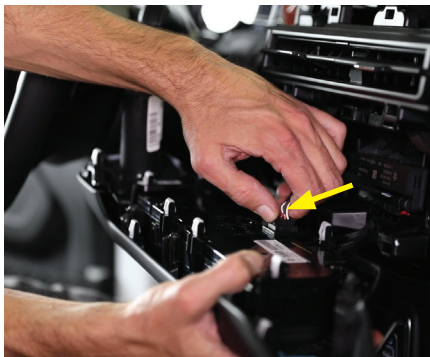


## Lower Front Speaker Disassembly

- Use a trim tool to gently pry off the lower portion of the center dash.



- Once removed-disconnect the two connectors and set it aside for now.



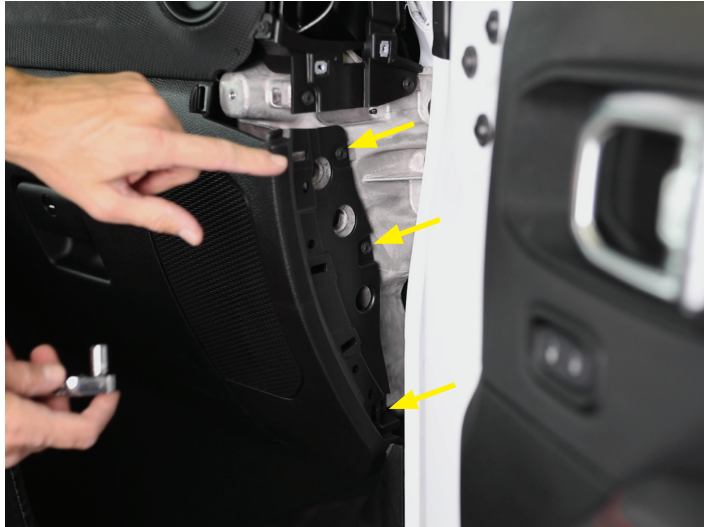
- Remove (3) more screws holding in the grab bar. Once done, gently pry off the bar and set it aside for now.



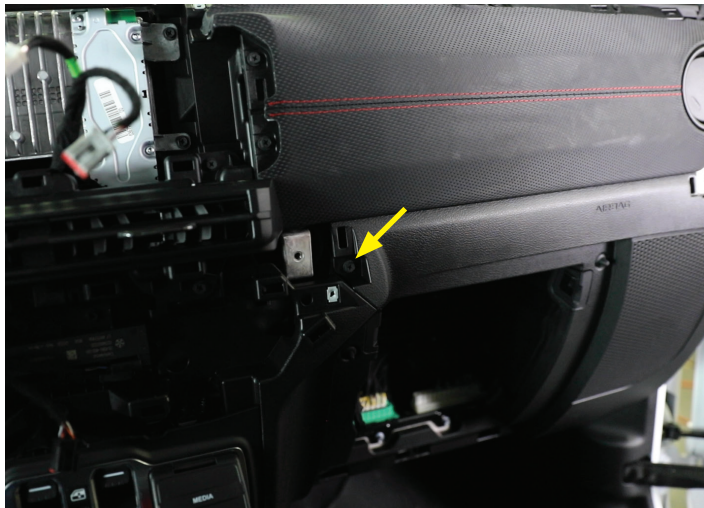


## Lower Front Speaker Disassembly

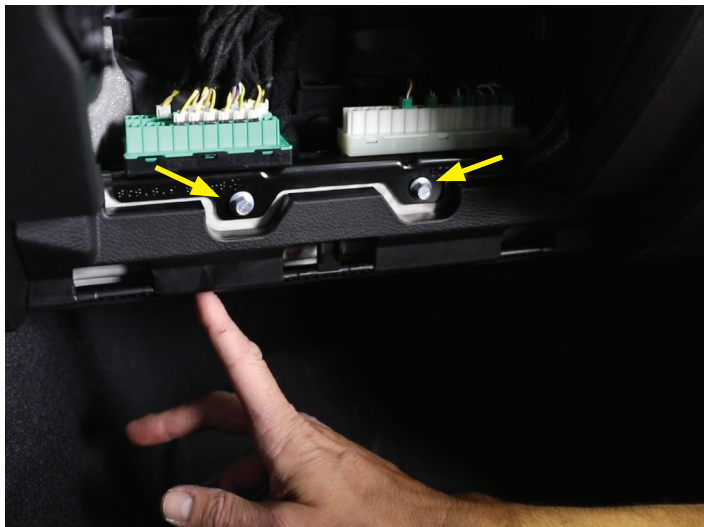
- Remove (3) 7mm screws on the right side of the glove box. After - open the glove box and remove it from the vehicle.



- Once removed you'll need to remove another 7mm screw on the left-hand side of the glovebox.



- After, remove (2) 7mm screws located at the bottom of the glove box.

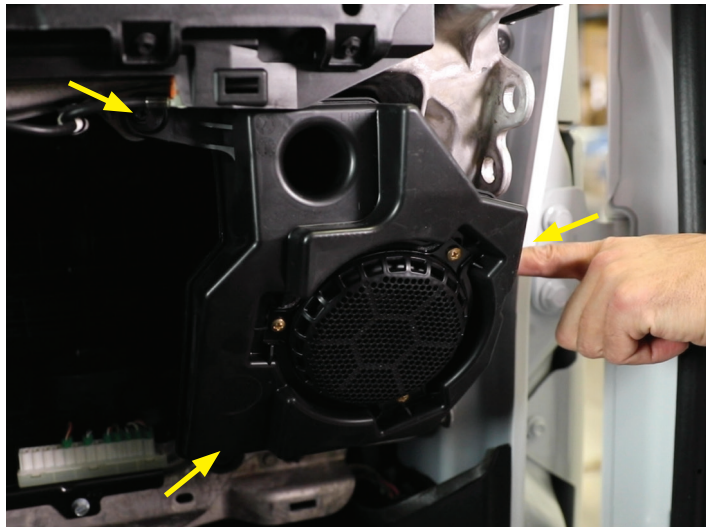


## Lower Front Speaker Disassembly

- Once removed - pry off the piece surrounding the removed glove box and set it aside.



- Remove (3) 7mm screws holding the OEM speaker in place.



- Once removed - unplug the connector and remove it from the vehicle.





## Lower Front Speaker Disassembly

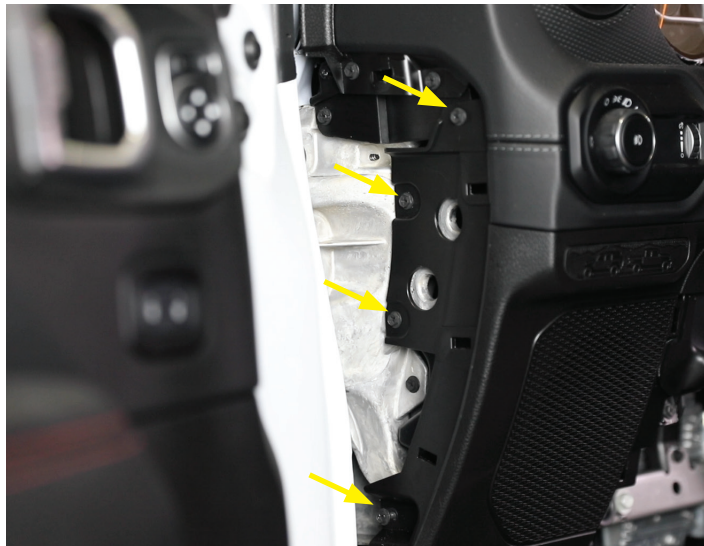
- On the driver side, remove trim panel using a trim tool.



- Remove the piece under the steering wheel by gently pulling on it.



- Remove (4) 7mm screws on the left of the piece that was just removed.



## Lower Front Speaker Disassembly

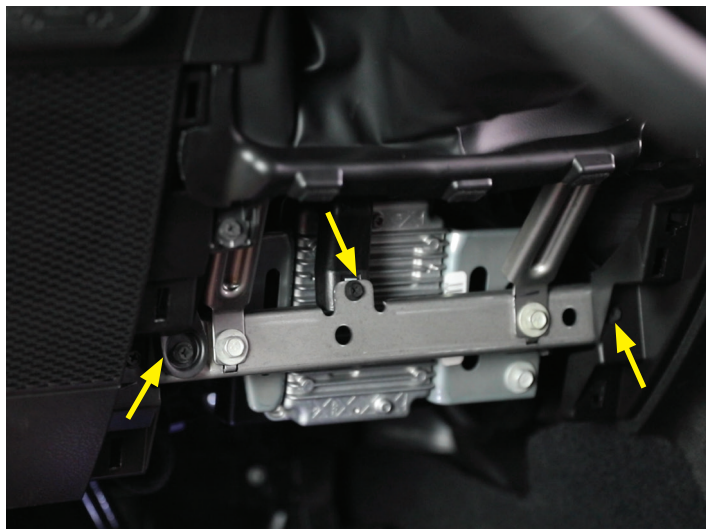
- Down lower, pop out the kick panel using a trim tool.



- Remove a (1) 7mm screw.



- Under the steering column, remove (3) 7mm screws.



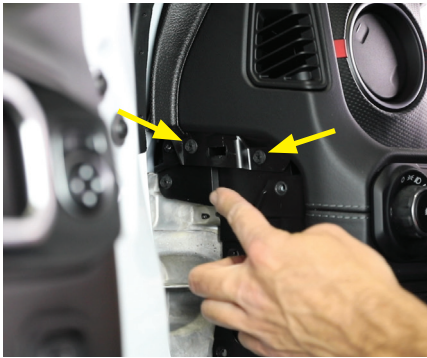


## Lower Front Speaker Disassembly

- With those removed, wiggle out this piece to the left of the steering wheel and remove (2) 7mm screws underneath.



- Remove (4) 7mm screws on the top left of the dash.

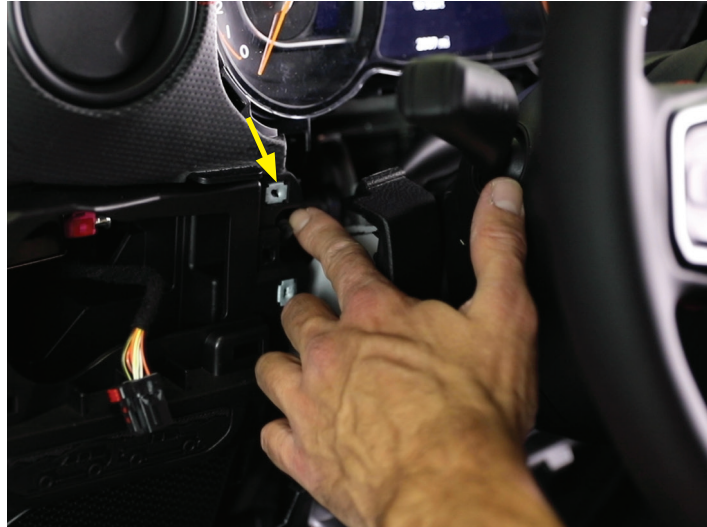


- Remove and disconnect trim with the lights switch.



## Lower Front Speaker Disassembly

- Remove (1) 8mm screw just to the left of the steering wheel. With that out, pry out this trim piece from the vehicle.



- Back on top - use a trim tool to gently pry out the speaker cover.



- Remove the (2) 7mm screws holding the speaker in place. Repeat these steps on the passenger side of the vehicle.



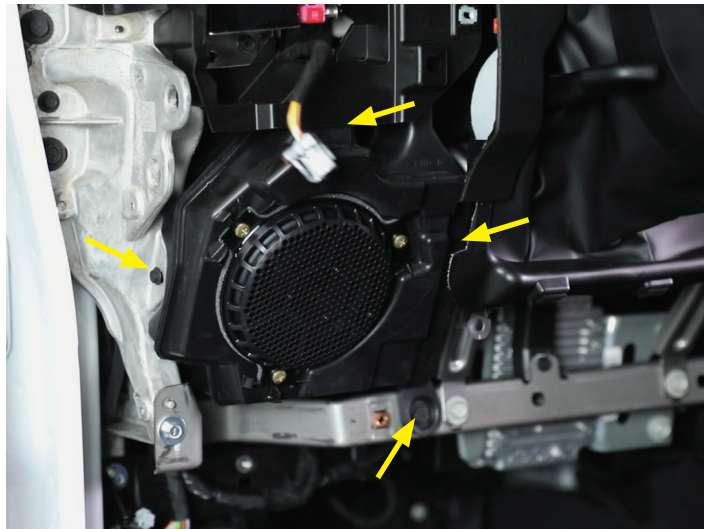


## Lower Front Speaker Disassembly

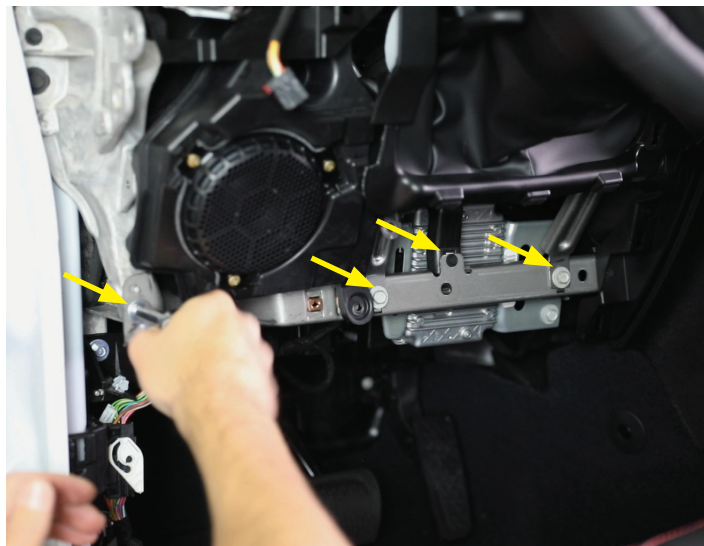
- Unplug the speaker from the vehicle. Repeat on the driver's side as well.



- Back on the driver's side - remove the (4) 7mm to help gain access to the OEM speaker.



- Remove this 8mm bolt, these (2) 10mm bolts, and (1) 7mm screw.

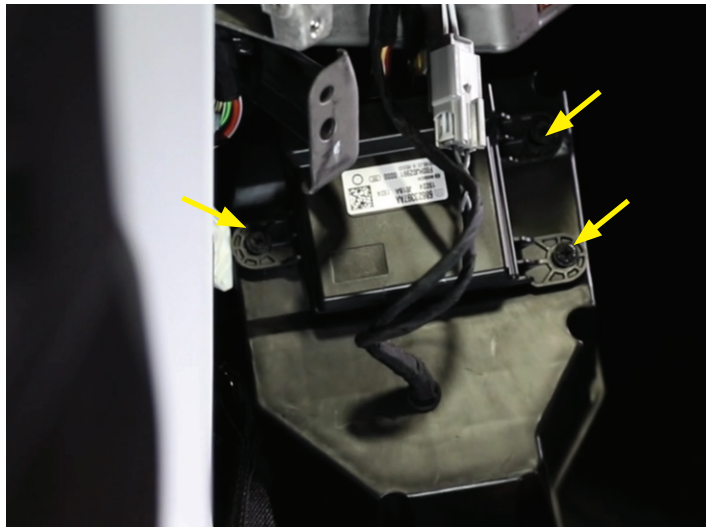


## Lower Front Speaker Disassembly

- With those removed, take out the speaker and unplug the connector.



- Remove (3) 7mm screws from the speaker and place the speaker off to the side.



- On the passenger side, take your speaker connector and run it over to the driver's side of the vehicle.





## Lower Front Speaker Installation

- Pull speaker connector through on the drivers side up to where the tweeter was removed.



- Back on the passenger side, route the speaker connector up through the glove box cavity to where the new speaker will go.

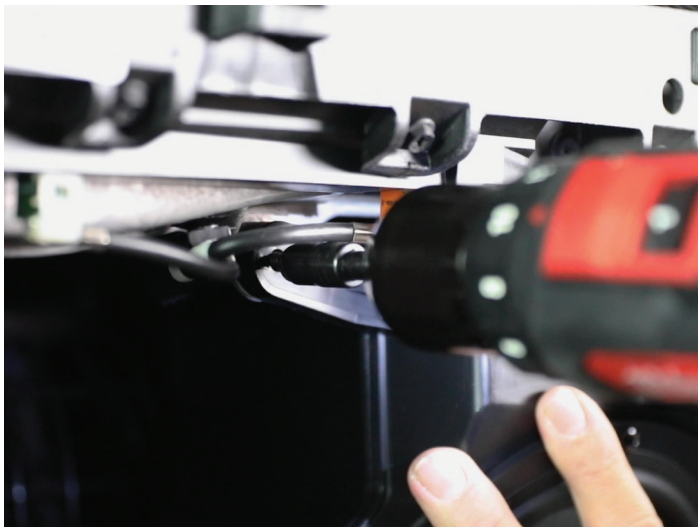


- Connect your new MB Quart speaker and place it into position.



## Lower Front Speaker/Tweeter Installation

- Reinstall the (3) 7mm screws holding the speaker in place.



- Run the wire up to the tweeter on the passenger side and connect it.



- Place the new speaker into position and reinstall the (2) 7mm screws to secure it to the vehicle.





## Lower Front Speaker/Tweeter Installation

- Over on the driver's side - run the wires up to the speaker and set aside for later.



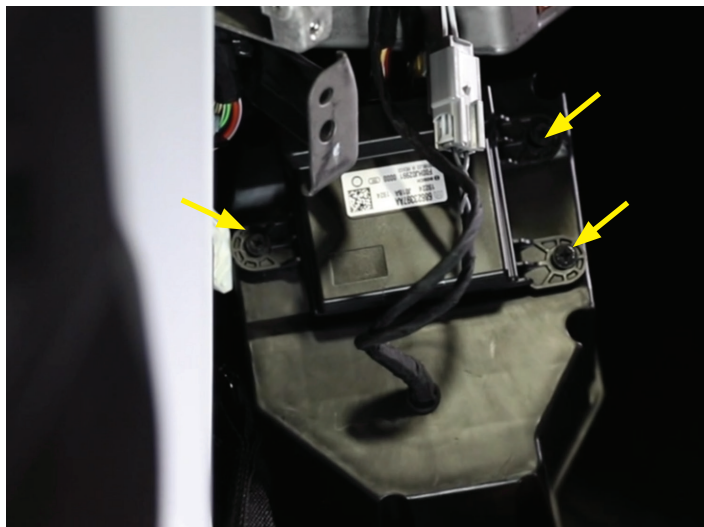
- Just below - connect the new MB Quart speaker.

### 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.



- Reinstall the (3) 7mm screws to the speaker and place the speaker back into its original position.

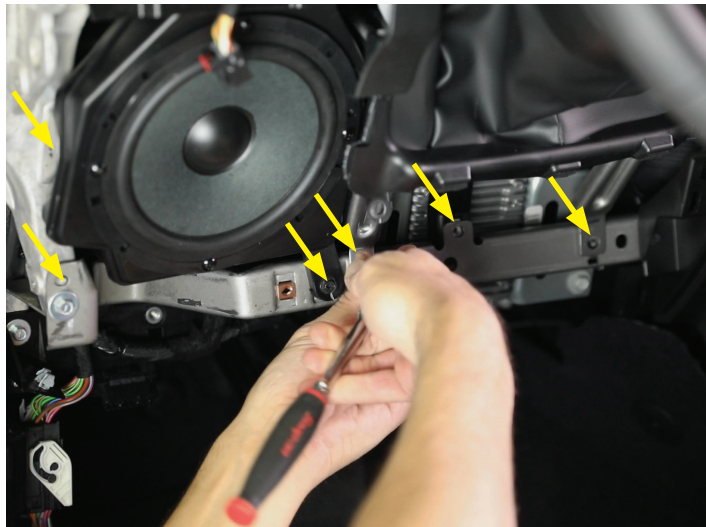


## Lower Front Speaker/Tweeter Installation

- Reinstall (2) 7mm screws above the speaker.



- Insert an 8mm bolt, another 7mm screw, (2) 10mm bolts, and another 7mm screw.



- Back up top - connect the wires to the new tweeter and place it into position.





## Lower Front Speaker/Tweeter Installation

- Reinstall the (2) 7mm screws into place.



- Back on the passenger side, remove the kick panel with a trim tool.



- Remove this 10mm bolt and afterwards, use a trim tool to remove the connector.



## Power Wire Installation

- Use a trim tool to free up the lower door panel.



- Once free, run the speaker wire along and tuck it underneath the panel.



- Move the seat back. Remove (4) E14 E-Torx bolts and lean the seat back.



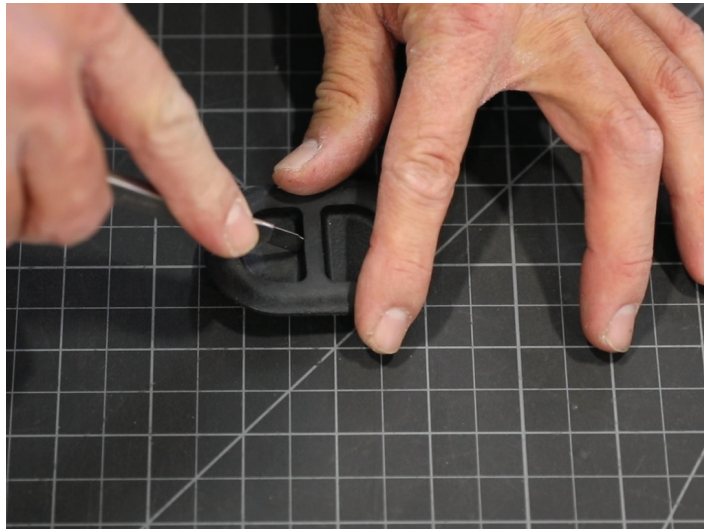


## Power Wire Installation

- Lift up on the floor mats to gain access to this drain plug and remove it from the vehicle.



- Over on the bench - cut an X into the plug so we can run a wire through it.



- Take your power wire and run it through the plug and down below the vehicle.



## Power Wire Installation

- Underneath the vehicle, route the power wire up to the engine bay. Following the OEM wiring.



- Connect the power wire to the fuse holder.



- Open the battery cover. Then disconnect the fuse from the fuse holder for now.





## Power Wire Installation

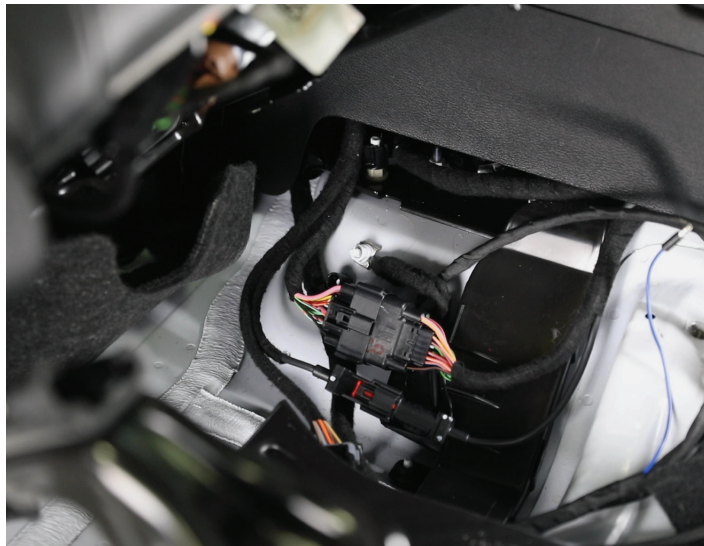
- Remove the 10mm nut from the positive battery terminal.



- Place the fuse holder on the positive battery terminal and reinstall the previously removed nut. Then place the battery cover back into place.

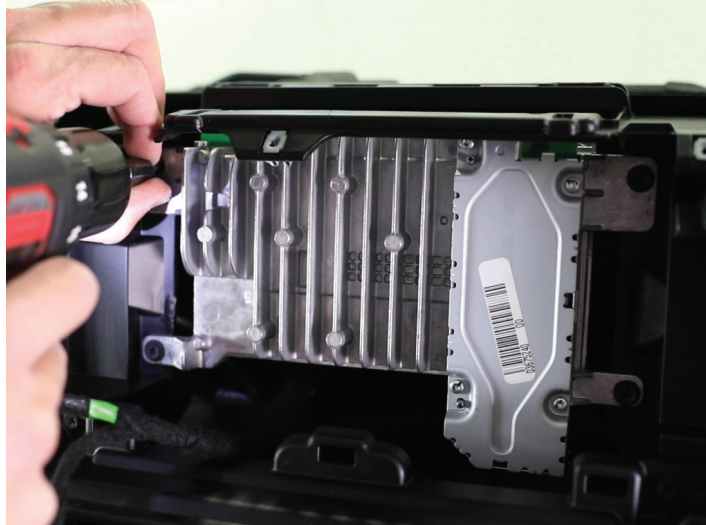


- Back inside the vehicle remove this 10mm nut under the passenger side front seat and install ground cable. Then reinstall the previously removed nut.

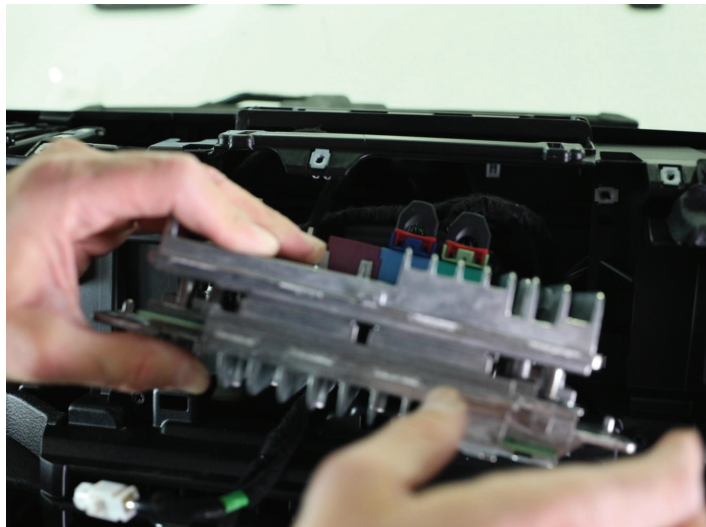


## Amplifier Installation

- Remove (4) 7mm screws holding in this piece in the back of the center console.



- Then gently remove the piece and flip it over to the back.



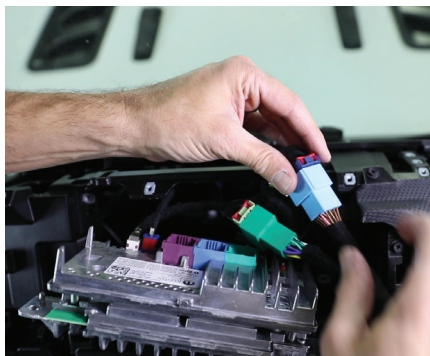
- Disconnect the green and blue connectors. Plug in the green and blue harness provided in your kit into the connectors just removed.



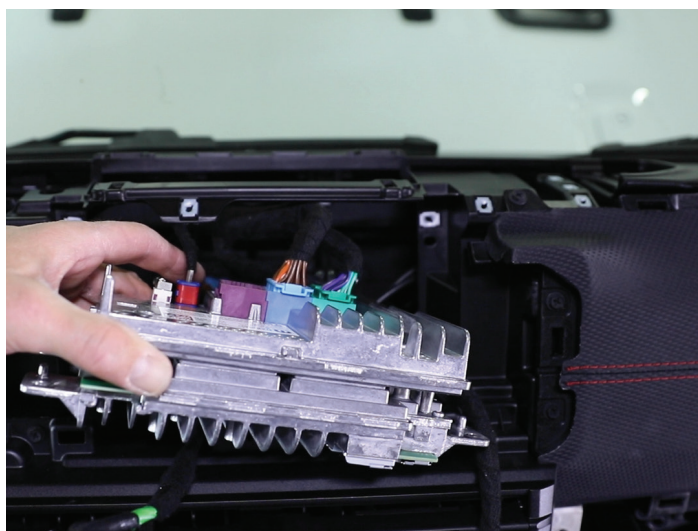


## Amplifier Installation

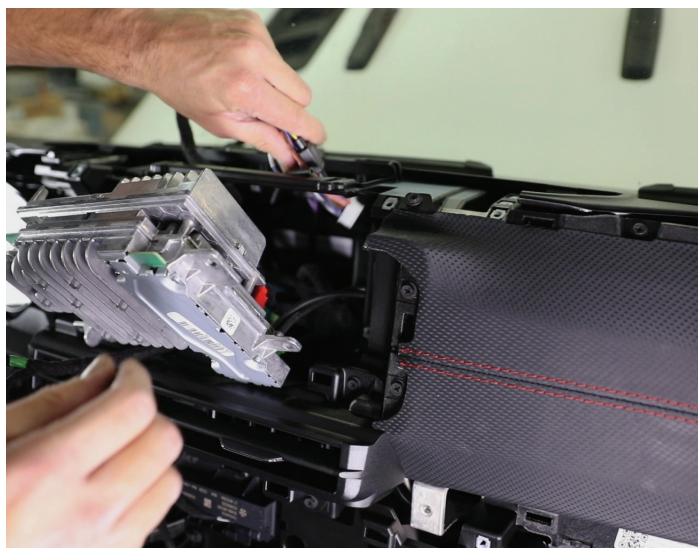
- Plug in the green and blue harness provided in your kit into the connectors just removed.



- Then plug the other ends of the green and blue harness into the slots on the back of the piece.

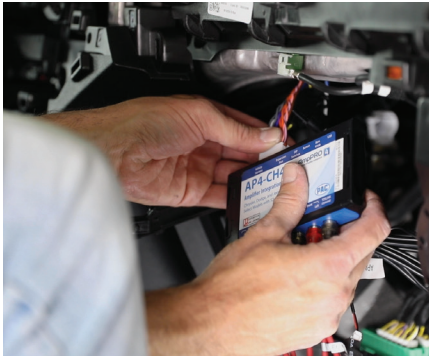


- Feed down the connectors into the back of the dash.



## Amplifier Installation

- Plug in your amplifiers to the amp-pro that's included in your kit. Plug the connectors you just ran down as well.



- Prior to tucking away the PAC Module, set the dip switches on the PAC according to the provided PAC manual.



- Take your wiring and tuck into the center console underneath the floor mats all the way to the front passenger side seat.





## Amplifier Installation

- Amplifier Tuning  
Front: level to the 12 o'clock position.

Rear: level to the 11 o'clock position.

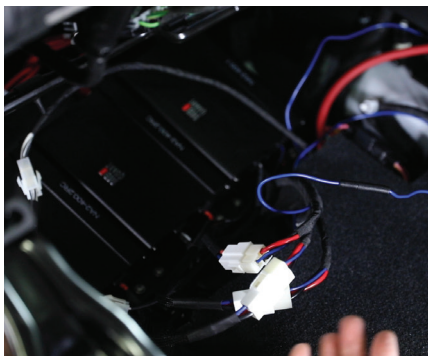
Sub: level to the 1 o'clock position,  
boost 0dB subsonic to the 9 o'clock  
position, and LPF to the 1 o'clock  
position.



- Place your MB Quart amplifiers under the passenger side seat.



- Plug in all your connections.



## Re-installation

- Place this piece back into the center console and reinstall the (4) 7mm screws.



- On the passenger side kick panel area, place the connector back into place and tighten down the previously removed bolt.



- Place the kick panel back into place.





## Re-installation

- Reinstall the piece surrounding the removed glove box.



- Reinstall (2) 7mm screws underneath.



- Now we can reinstall the glove box and snap it back into place.



## Re-installation

- Reinstall the 7mm screw behind the grab bar.



- Place the back of the grab bar back into position.



- Reinstall (2) 10mm screws holding in the back of the bar.





## Re-installation

- Plug the two connectors back into the long console piece and place it back into position.



- Reinstall (3) 7mm screws on the backside of the grab bar.



- Snap the piece back into position on the backside of the grab bar.



## Re-installation

- Reinstall (3) 7mm screws as shown here. After - reinstall the trim panel.



- On the driver's side reinstall the speaker cover to the left of the steering wheel. Just above that, plug in the connector on the lights knob and reinstall.



- Above that - plug in the connector on the lights knob and reinstall.





## Re-installation

- Reinstall (2) 7mm screws just to the right of that piece. Snap it into place.



- Under the steering wheel, reinstall (2) 7mm screws.

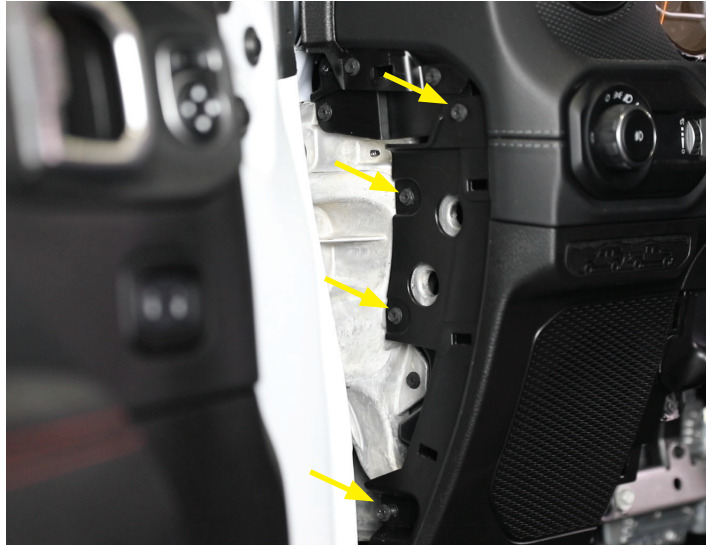


- After - install (2) 7mm screws and (2) 7mm screws a little lower.



## Re-installation

- Reinstall (4) 7mm screws here.



- A little lower - reinstall the kick panel.



- Then above - reinstall the trim piece.





## Re-installation

- After that - reinstall the cover below the steering wheel.



- Bring over the center dash piece with the touch screen and reconnect the two connectors.



- Then press into place.



## Re-installation

- Reinstall (5) 7mm screws at the top.



- Reinstall the two speaker covers up on top.



- Reinstall the front piece of the dash and press it into place.





## Re-installation

- Reinstall (2) 7mm screws at the top of the dash.



- Snap the cover into place.



- Reinstall (4) 7mm screws. (Two on each side)



## Re-installation

- Place the two rubber mats back into position.



- Over on the passenger side, plug in any remaining amplifiers and tuck all wiring out of the way.



- Reinstall the trim piece by the pillar.





## Re-installation

- Place the seat back into its original position and reinstall the (4) E14 E-Torx bolts.



- In the engine bay - reconnect the battery.



- Reinstall the fuse into the fuse holder. Zip-tie it down away from any heat or moving components.

**Your installation is complete.**



## 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.



### WARRANTY

Maxxsonics, LLC. warrants this product, to the original consumer purchaser, to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. Maxxsonics, LLC. will, at its discretion, repair or replace defective products during the warranty period. Components that prove to be defective in materials and workmanship under proper installation and use must be returned to the original authorized Maxxsonics, LLC. retailer from where it was purchased. A photocopy of the original receipt must accompany the product being returned. The costs associated with removal, re-installation, and freight are not the responsibility of Maxxsonics, LLC. This warranty is limited to defective parts and specifically excludes any incidental or consequential damages connected therewith. To view the full warranty, please visit the website.

MB Quart products are designed and engineered in the USA by

**MAXXSONICS®**

[www.maxxsonics.com](http://www.maxxsonics.com)

**MBQJ-STG4-1 REV1**