

Installation Instructions

Model:	2007-2018 Jeep Wrangler JK & Wrangler Unlimited JKU
Description:	OEM Dash Speakers & Amplifier Upgrade
Part Number:	MBQJK-STG2AH-1
Assembly Time:	120 Min (2-Hours)

It is always a 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	6.5" Midbass Speaker Kit	2
2	Tweeters	2
3	Speaker/Crossover Harness	2
5	6.5" Gaskets	2
6	Tweeter Adapter Plates (2015-2018 Wrangler JK/JKU)	2
7	NA2-400.2RC	2
8	MBQJ-ACC-1	1

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

Lower Front Speaker Disassembly (2007-2018)

- Remove the driver side dash end caps with a panel removal tool.



- Remove Driver side knee bolster panel using your panel removal tool from the top of the panel.



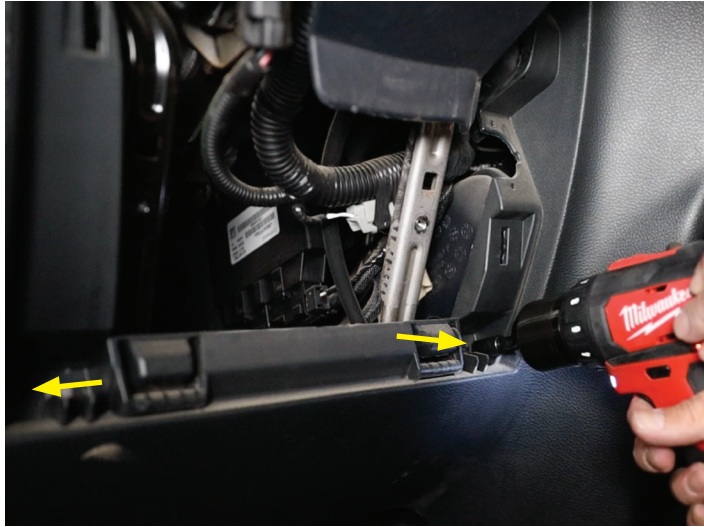
- Remove (2) 10mm bolts from the metal steering column knee bolster shield and remove it.



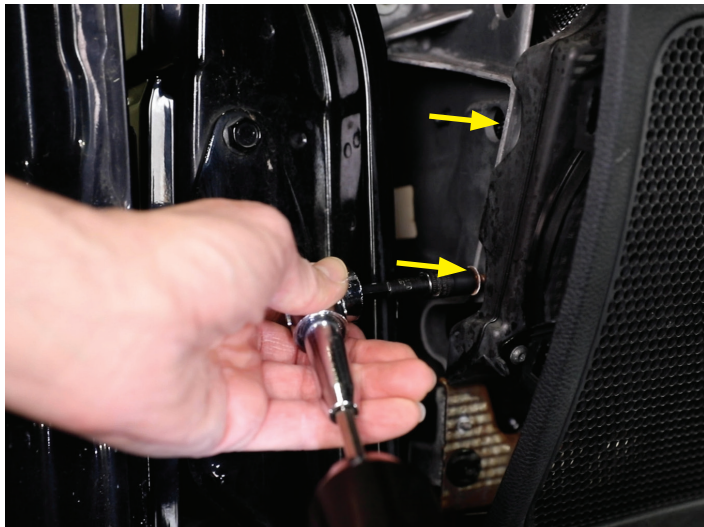
Lower Front Speaker Disassembly (2007-2018)

- Remove (2) 7mm bolts from drivers side lower dash panel.

(2007-2011 model years will have (4) 7mm bolts)



- Remove the (2) 7mm bolts securing the driver's side speaker pod to the dash from the behind the side dash end cap.



- Remove (1) 10mm bolt from the underside of the dash speaker enclosure.



Lower Front Speaker Disassembly (2007-2018)

- Disconnect the speaker connector from the speaker pod.



- Remove the speaker and pod from the driver's side dash by carefully pulling the dash panel away from the dash towards the rear of the vehicle.



- Remove the Passenger side dash end cap with a panel removal tool.



Lower Front Speaker Disassembly (2007-2018)

- Remove the passenger side dash glove box by lowering the glove box and pressing both sides to release past the dash panel.

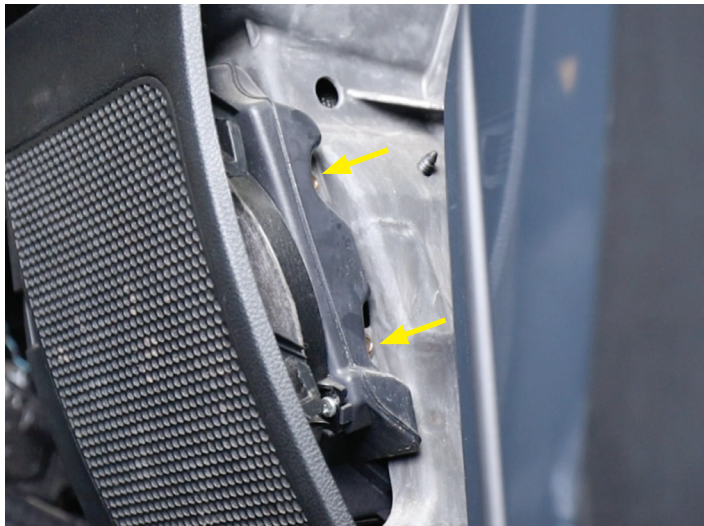


- Remove the (2) 7mm from the passenger side lower dash below the glove box opening.

(2007-2011 model years will have (4) 7mm bolts.)



- Remove the (2) 7mm bolts securing the passenger's side speaker pod to the dash from the behind the dash end cap.

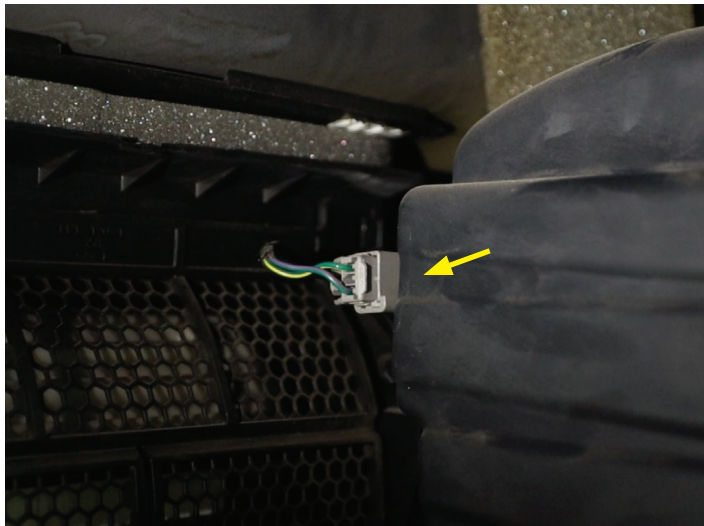


Lower Front Speaker Disassembly (2007-2018)

- Remove the 10mm bolt from the underside of the speaker enclosure.



- Disconnect the passenger side speaker wire connector.



- Remove the passenger side speaker and enclosure by sliding it towards the center of the vehicle into the glove box opening.



Tweeter Disassembly (2007-2014)

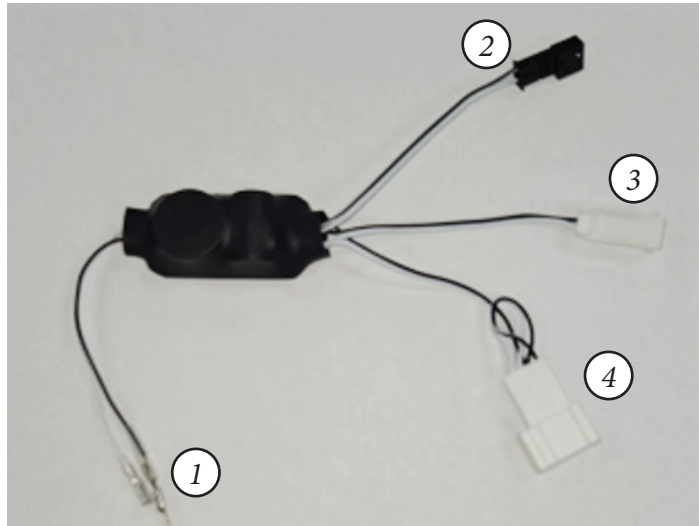
- Using a plastic panel tool, remove the tweeter from the frog eye housing and disconnect.



Repeat these steps for the other side

JS1-216JK Tweeter Installation (2007-2014)

- Connect the supplied crossover to the OEM speaker connector and the new MB Quart tweeter. Using the correct connectors for your application, secure the crossover and all unused wires with zip ties inside the dash panel through the dash with the housing removed.



- Connector 1 – To MBQ tweeter +/-
- Connector 2 – To OEM connector
(Used in 2007 to 2014 jeep JK)
and tweeter bridge connection for the
2007-2014 Jeep soundbar speaker.
- Connector 3 – To OEM tweeter connector
(Used in 2015 to 2018 Jeeps)
- Connector 4 – To OEM tweeter connector (Do Not Use)

- Install your new MB Quart tweeter into the tweeter housing by aligning the three locking tabs. The MB Quart logo should be at the bottom of the housing.



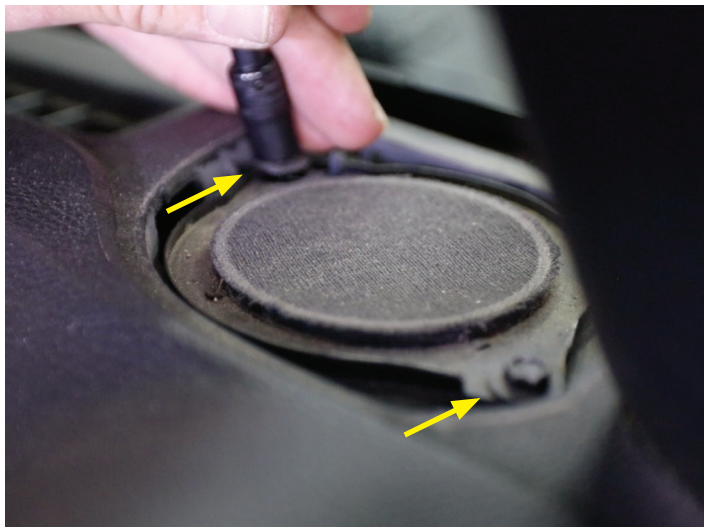
Repeat these steps for the other side

Tweeter Disassembly (2015-2018)

- Remove the plastic tweeter grill cover from the dash using a plastic panel removal tool to avoid damage.

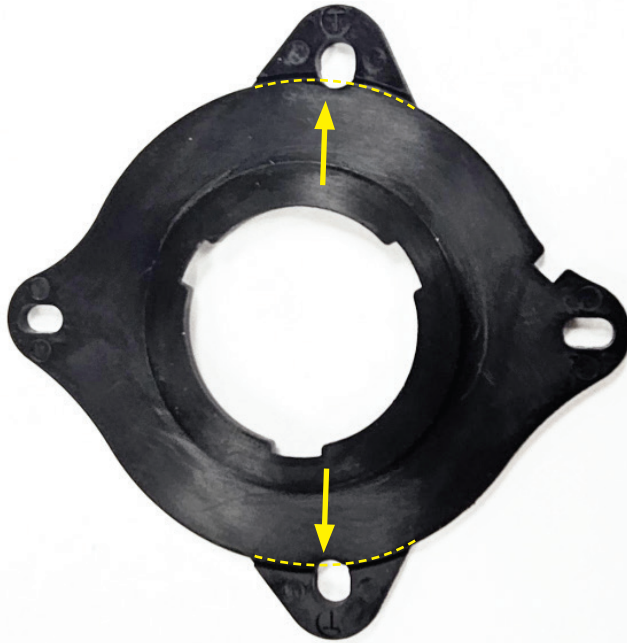


- Remove the (2) 7mm bolts securing the OEM speaker to the dash. Remove and disconnect the speaker.



JS1-216JK Tweeter Installation (2015-2018)

- Remove the unused mounting locations from the tweeter adapter. On the underside of the adapter, you will find the guideline to remove the extra tab. The “T” tabs need to be removed for the Jeep JK application. (Using a razor to score this line may help with a smooth break away.)

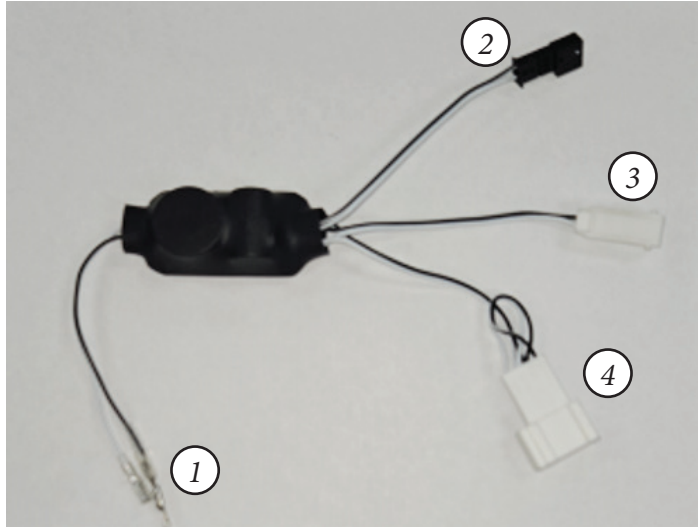


- Install the new MB Quart tweeter into the adapter plate, by lining the three locking tabs up and pressing the tweeter into place.



JS1-216JK Tweeter Installation (2015-2018)

- Connect the supplied crossover to the OEM speaker connector and the new MB Quart tweeter. Using the correct connectors for your application - secure the crossover and all unused wires with zip ties inside the dash panel through the dash with the housing removed.



- Connector 1 – To MBQ tweeter +/-
- Connector 2 – To OEM Tweeter Connector
(Used in 2007 to 2014 Jeep JK)
- Connector 3 – To OEM Tweeter Connector
(Used in 2015 to 2018 Jeeps)
- Connector 4 – (Do Not Use)

- Place the new tweeter in the dash and secure with (2) 7mm bolts. Then reattach tweeter grill.



Repeat these steps for the other side

JS1-216JK Installation

- Remove the (3) screws securing the OEM speaker from the factory enclosure.



- Remove and disconnect the OEM speaker.

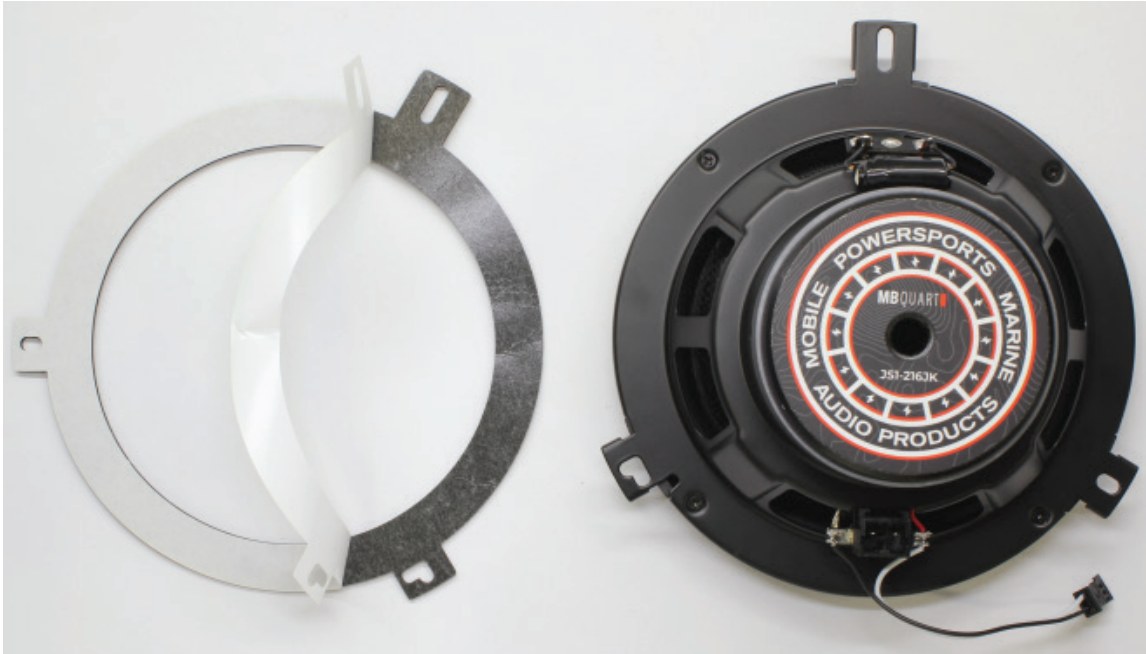


- Remove the convertible tweeter bridge adapter from the JS1-216 woofer by removing the four Phillips screws that secure it to the speaker mounting ring.

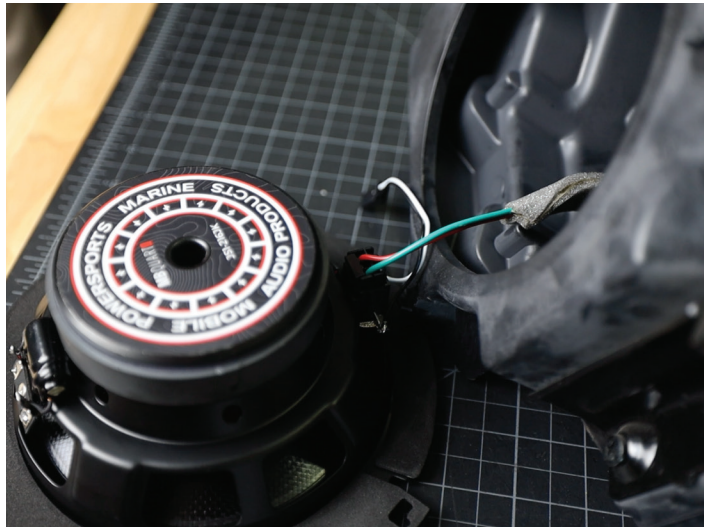


JS1-216JK Installation

- Apply the supplied gasket to the new MB Quart speaker.

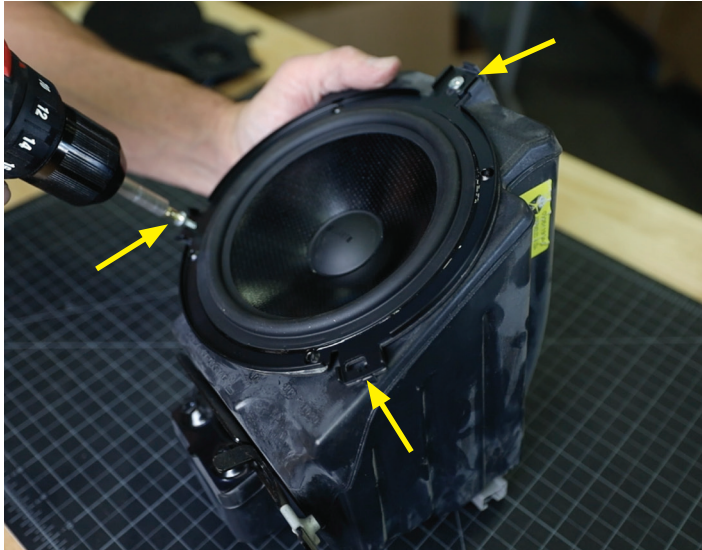


- Connect the OEM speaker wire to the new MB Quart speaker. For this installation the tweeter bridge wire should be secured to the OEM wire harness to avoid rattles.



JS1-216JK Installation

- Secure the new MB Quart speaker into the enclosure using the OEM hardware.



- Install the (2) 7mm bolts securing the driver's side speaker pod to the dash from the behind the side dash end cap. Install (1) 10mm bolt from the underside of the dash speaker enclosure and then plug the connector back in.



Repeat these steps for the other side

(2007-2010) Radio Removal

- Remove top panel above the radio, and remove the (2) 7mm screws, from the front of the dash bezel.



- Remove lower panel in front of the shifter, with a panel tool. And remove the 7mm screws securing the dash bezel. Then gently remove the dash bezel with a panel tool starting at the top moving to the bottom.



- Remove (4) 7mm screws holding in your Radio.



(2010-2018) Radio Removal

- Remove top panel above the radio, and remove the (1) 7mm bolt.



- Using a panel tool, remove the power window switch and disconnect it.

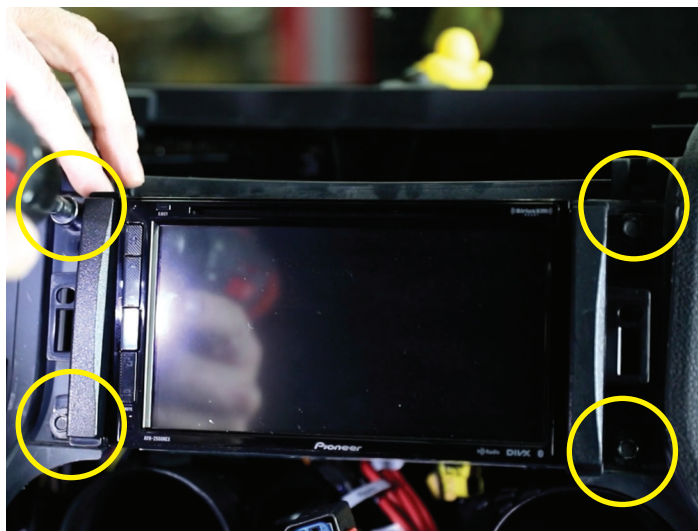
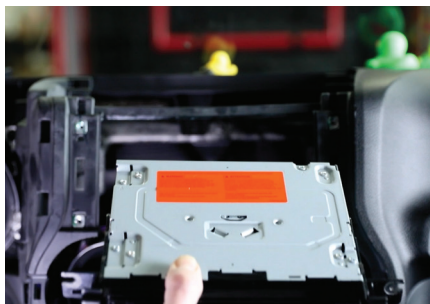


- Remove (1) 7mm bolt, then gently pry the top of the dash panel out of place.



(2010-2018) Radio Removal

- Remove the (4) 7mm bolts holding the head unit in place. Then pull it out.

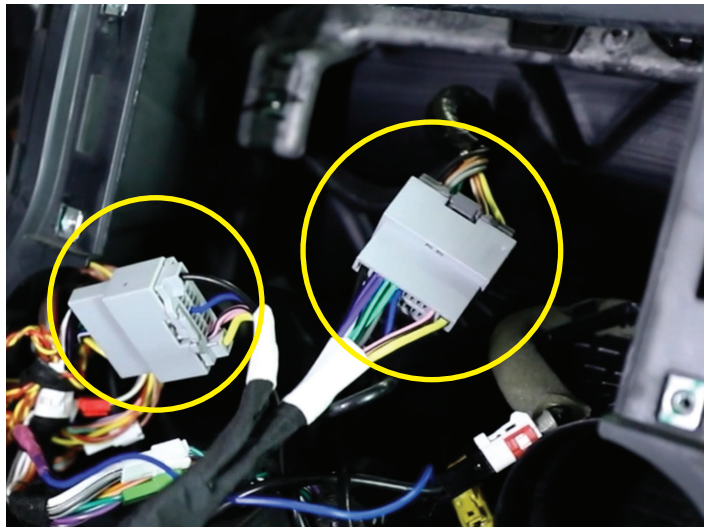


Wiring Installation at Head unit

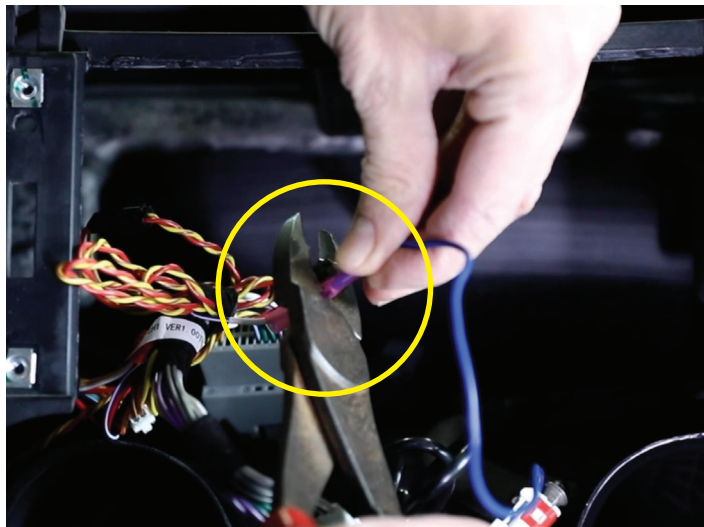
- Connect the provided RCA cables to your aftermarket radio's RCA outputs.



- Connect t-harness if you don't have stock amp.



- Connect the provided blue remote wire to the aftermarket radio's remote output wire. Route RCA, remote wire and speaker wire down by tucking them under the center console.

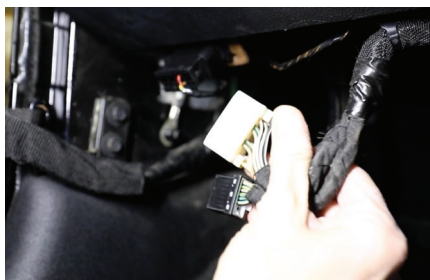


Wiring Installation Under Dash

- Under the driver side dash, unplug this connector.

NOTE

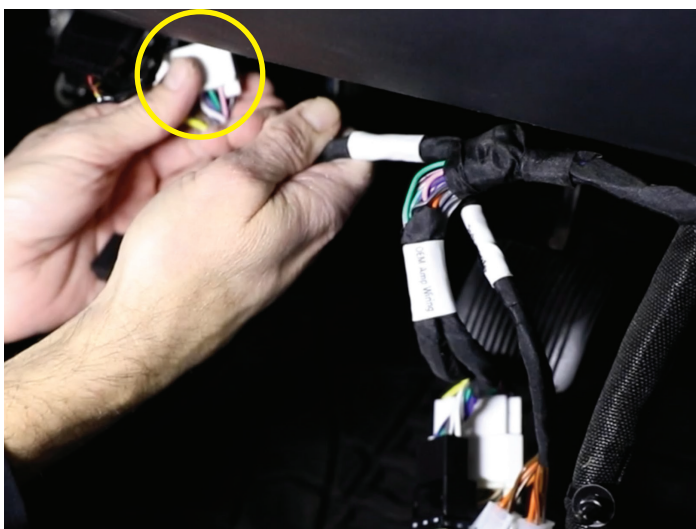
For vehicles with OEM amplifier, you will connect to the amp under drivers dash.



- Connect T harness and connect speaker wire extension harness to the T harness.



- Reconnect the connector and tuck the harness out of the way using zip ties. Route the T-harness extension to the passenger side of vehicle, then following the center console to the passenger side under seat.



JKU (4DR) Amplifier Installation

- Install the NA2 amplifiers to the supplied underseat amplifier plate with (6) Philips head screws.

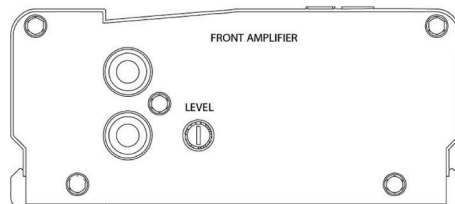
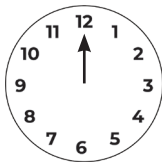
NOTE

If you have a JK (2DR) skip to Page 27 skip for seat removal and bracket placement.

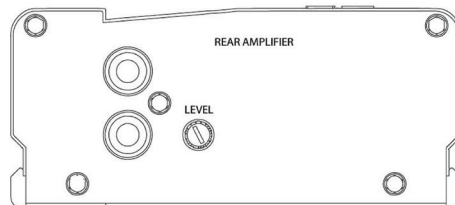
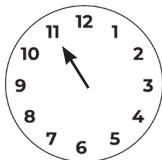


- First, make sure all levels are turned counter-clockwise until it won't turn anymore. This would be around the 7 o'clock position on a clock face. We will use this analogy to set all of the knobs moving forward.

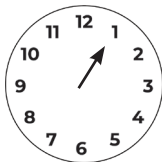
- On your Front Amplifier, turn your level clockwise until it gets to the 12 o'clock position



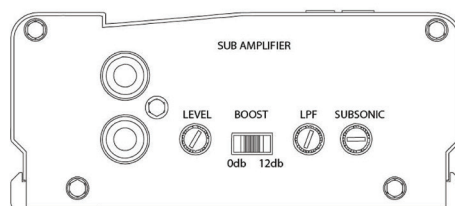
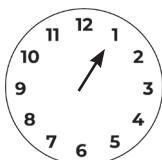
- On your Rear Amplifier, turn your level clockwise until it gets to the 11 o'clock position



- On your Sub Amplifier, turn your level clockwise until it gets to the 1 o'clock position



- Turn your LPF level clockwise until it gets to the 1 o'clock position



- Turn your Subsonic level clockwise until it gets to the 9 o'clock position

- Turn your Boost switch to 0dB

JKU (4DR) Amplifier Installation

- Remove the (4) 18mm bolts holding in the front passenger side seat in place.



- Move the seat back.



- Lift up the vehicle's carpet to gain access to this drain plug and remove it from the vehicle.



JKU (4DR) Amplifier Installation

- 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.



- Under the vehicle, zip tie the harness along the OEM wire channel and into the fender area and pass the power wire up the passenger side fender up near the battery.



JKU (4DR) Amplifier Installation

- Crimp and fuse the buck connector by the battery.



- Then remove the 70A maxi fuse and make a connection to the battery using a ten millimeter socket.



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



JKU (4DR) Amplifier Installation

- 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.



- Take the black ground wire and place it here. Then reinstall the previously removed nut.



JKU (4DR) Amplifier Installation

- Route your RCA cables/Speaker wire along the center console toward the passenger seat area.



- Mount your MB Quart amplifiers to the amp plate using the provided M4 Phillips hardware and place them under the front passenger side seat of the vehicle.



- Plug in all your connections.



JKU (4DR) Amplifier Installation

- Secure the amp plate to the seat using the provided T-25 hardware and tighten into place.



- Place the seat back into its original position



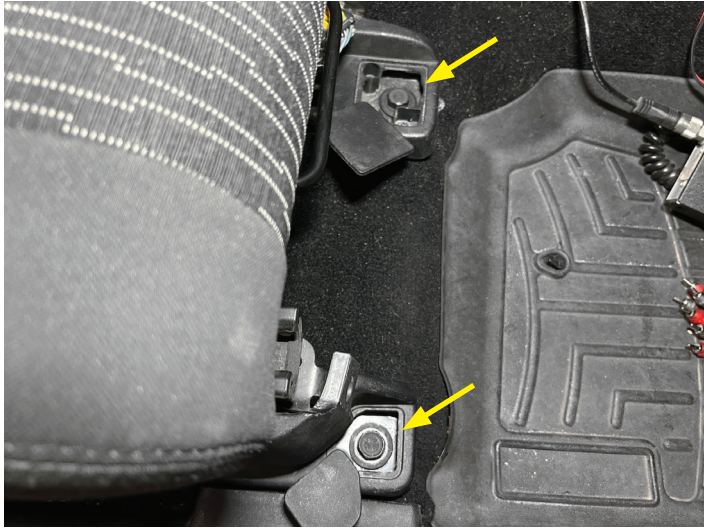
- Reinstall the (4) 18mm bolts holding in the front passenger side seat in place

Your installation is complete.



JK (2DR) Amplifier Installation

- With seat all the way back, using a pry tool release the front bolt covers. Then remove the bolts using an 18mm socket.



- Slide seat forward to gain access to the rear bolts. You will need to use a pry tool to release one bolt cover. Then remove the bolts using an 18mm socket.



- Install amplifiers onto the two door amplifier plate like pictured below. The amplifier plate gets sandwiched between the floor and the seat.

Follow same instructions as 4DR for running RCA/speaker wire to amplifiers on Page 22



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.

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