Installation Instructions

Model:	2018-2023 Jeep Wrangler JL (Wrangler) & JT (Gladiator)
Description:	LOC kit installation for OEM amplified systems
Part Number:	MBQJ-AMP-ACC-1
Assembly Time:	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	Amp Mounting Plate	1
2	Premium Audio LOC Harness	1
3	Base Audio LOC Harness	1
5	4-Channel Line Output Converter	1
6	Premium Audio Speaker Harness	1
7	Base Audio Speaker Harness	1

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

Power Wire Installation

- Begin by disconnecting the battery, follow the vehicle instructions for disconnecting the Start/Stop battery if equipped.



- Move the seat back. Remove (4) T50 Torx bolts and lean the seat back or remove from vehicle.



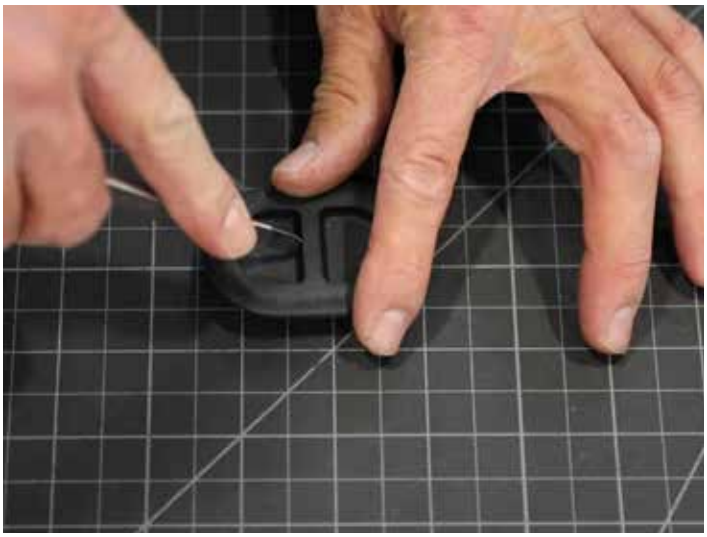


- Lift up on the floor mats to gain access to this drain plug and remove it from the vehicle.



Power Wire 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.





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





Lower Front Speaker Disassembly

- Connect the power wire to the fuse holder.



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





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



Lower Front Speaker Disassembly

- 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.





Dash Disassembly

- Unclip and remove panel below the steering column



- Unclip, unplug, and remove the climate control panel.



- Remove (1) 7mm screw above the window switches.

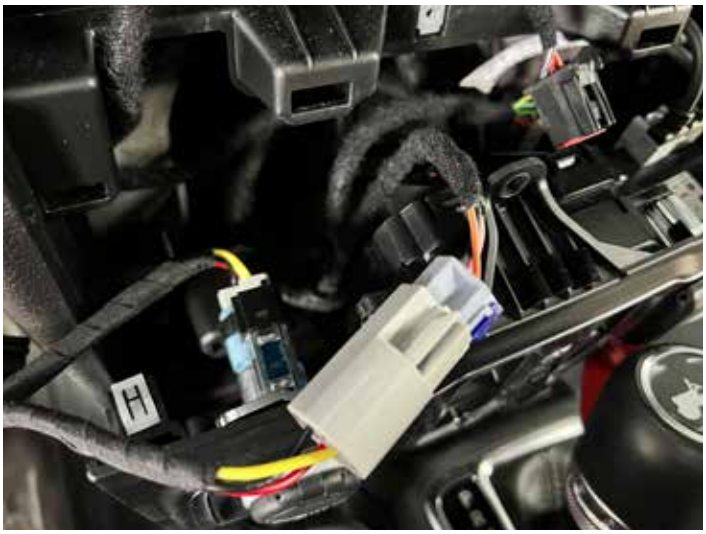


Remote Turn-On Harness Installation

- Unplug power port connector



- Plug in T-Harness and run wires down through dash toward the
- Passenger footwell area.



- Wires come out below the dash on the passenger side and then run toward the underside of the passenger seat, following the air vent.



OEM Amplified Signal Harness Install

- Remove the piece under the steering wheel by gently pulling it away from the dash.



- For the Premium OEM audio system, unplug the grey connector on the factory amp above the drivers footwell.





- Unplug the grey connector on the bottom of the OEM amp.



OEM Amplified Signal Harness Install

- Plug in our T-Harnes to the grey plug and OEM amplifier.



- Run the harness toward the passenger side footwell, underneath the dash, but over the transmission tunnel.



- The harness should come out on the passenger side footwell area like in the photo.



OEM Amplified Signal Harness Install

- Run the harness toward the passenger seat area, following the under seat air vent.



- Mount subwoofer amp or 2 channel amp to the amp plate with the LOC next to it. Use Double stick tape to secure the LOC to the plate.

  For sub amp connect red/white rca's with the black jacket to the rca input of the NA2-400.1.

  For a NA2-400.2 amp, connect the rca's to the red/black rca's with grey jacket.

  Connect the 8pin LOC connector to the harness coming from the OEM amplifier.



Soundbar harness installation

- If you are installing the MBQJ-48CRGB soundbar, this is the harness and adapter you will run from the soundbar down to your NA2-400.2 amp(not supplied).

  Follow the instruction manual for the MBQJ-48CRGB then continue to the next page.

- If you are installing the MBQJL-302, MBQJL-SUBR-1, or MBQJT-SUBA-1 subwoofer follow the instructions that came with it then continue on to the next page.





Final installation

- Mount NA2-400.1 sub amp or the NA2-400.2 2 channel amp to the amp plate with the LOC next to it. Use Double stick tape to secure the LOC to the plate.

  For the NA2-400.1 sub amp connect red/white RCA's with the black jacket to the RCA input of the NA2-400.1. Connect the speaker connector to the harness you ran from your subwoofer installation.

  For a NA2-400.2 amp(not supplied), connect the RCA's to the red/black rca's with grey jacket. Connect your speaker connector to the speaker harness you ran down from the soundbar.

  Connect the 8pin LOC connector to the harness coming from the OEM amplifier.



Power Wire Installation

- Connect the amp power connector to (1) of the (3) power connectors under the seat.



- The harness that comes from the power port in the center of the dash, you are going to hook up the red accessory wire to the blue remote lead(in previous pic) on the power harness. See pics. The other 2 (yellow and black)are not used in this installation. Cover them in tape.



- Adjust the amp setting per the soundbar or Sub install manual and test the audio. Once everything sounds great, re-install all vehicle panels in reverse order and Enjoy.

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.

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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 it's 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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