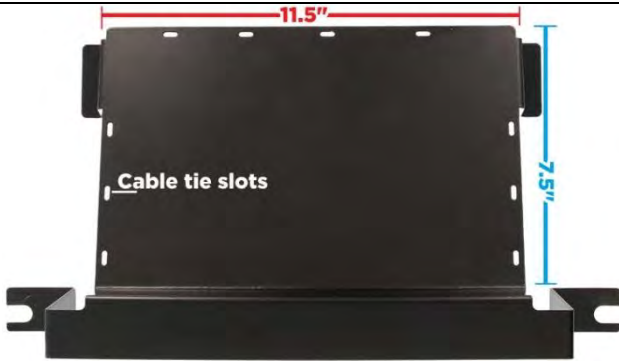


# Metra®

## THE INSTALLER'S CHOICE

### JP-18AMP-2

4 Channel + Subwoofer Amplifier Installation kit



#### APPLICATION:

2018-Up Jeep Wrangler JL\*, 2020-Up Gladiator JT\*  
\*Not compatible with factory amplified vehicles.

#### Usage:

Only designed for use in aftermarket radio installations. Utilizing small form factor amplifiers.

#### Recommended upgrades:

[AXPIO-JL1](#) or [AXPIO-JT1](#) Pioneer Radio Integration Package Jeep

[JP-1014](#) speaker pods

[JP-1015](#) Soundbar speaker kit

#### Table of Contents:

Fuse installation and power wire	1
Disassembly	1-2
Wiring routing	2-3
Amplifier installation/tuning	4
Reassembly	5

#### Tools Required:

10mm Socket
12mm Socket
T20 Torx drive
T50 Torx drive



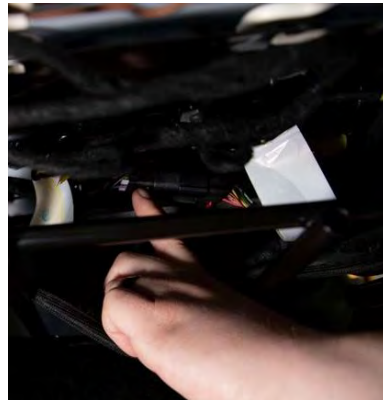
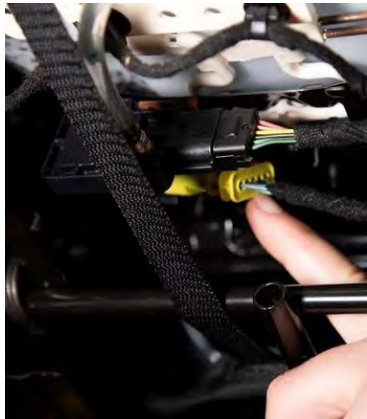
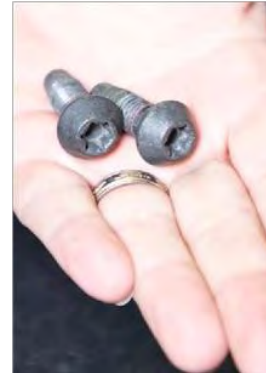
## Fuse installation:

1. Mount the vehicle specific fuse holder rack to passenger side of engine bay near battery using a 10 mm socket. The forward mounting hole on the fuse holder rack will use an existing factory M6 bolt, the rear mounting hole will use the included M6x1 bolt into an unused factory mount location.

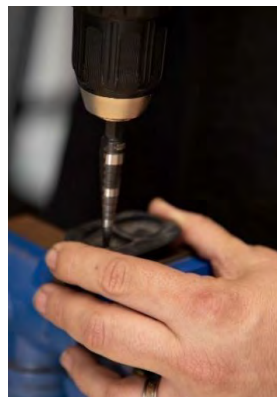


## Disassembly:

2. Using a T50 Torx, unbolt the front seats. Lean seats back and disconnect the 2 connectors from bottom.



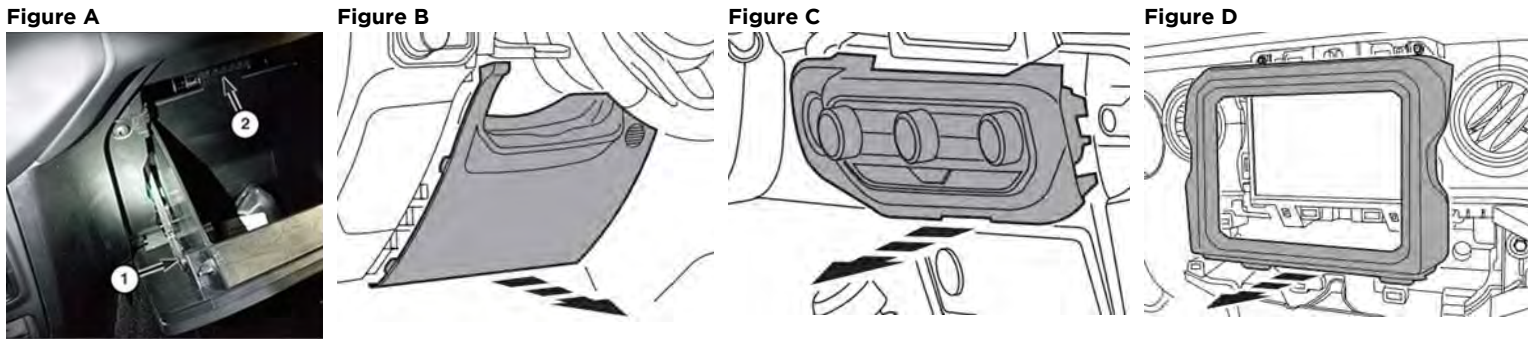
3. Pull back carpet and locate the floor grommet under the seats. Remove grommets. Using a ½ inch drill bit, drill hole in each grommet.



4. Using a pry tool and 10 mm socket, unhook the door catch then remove door seal and kick panel cover.



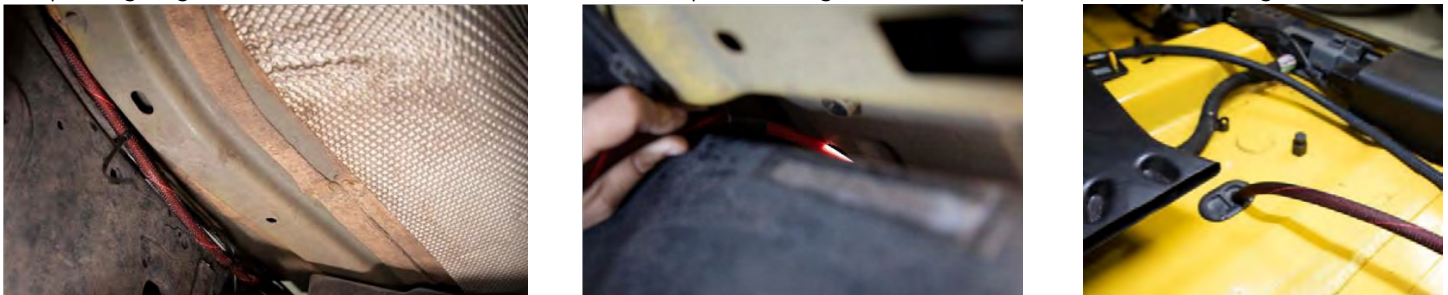
5. 1. Unclip and remove the panel below the steering column. (**Figure A**), Unclip the climate control panel and set aside. (**Figure B**), Remove (2) Phillips screws securing the radio trim panel, then unclip and remove the panel. (**Figure C**), Remove (4) Phillips screws securing the radio, then unplug and remove. (**Figure D**)



### Wire Routing:

See diagram on page 5 for overview

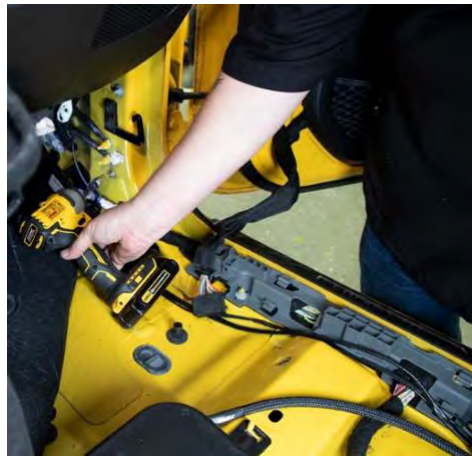
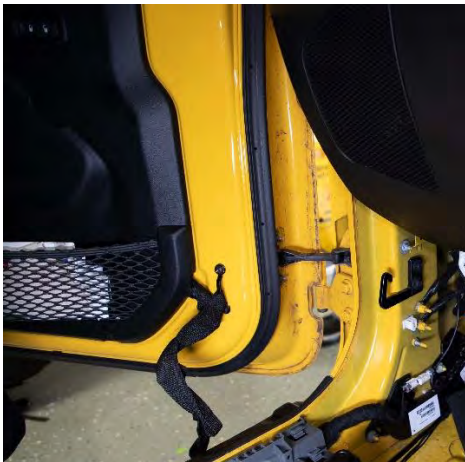
6. Run red power wire down firewall, and follow the Jeeps frame watching for pinch points, or exhaust components. Locate the passengers grommet floor hole. Secure wire with included zip ties. Slide grommet over red power wire and install grommet.



7. Run white power wire across engine bay from vehicle specific fuse holder, following the firewall across, going over the brake booster and down the firewall. Follow the Jeeps frame watching for pinch points, or exhaust components to drivers grommet floor hole. Secure wire with included zip ties. Slide grommet over white power wire and install grommet.



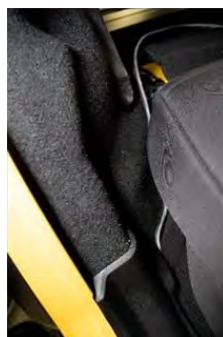
8. Mount the black ground wire to the factory ground points in the kick panels with a 10 mm socket. Scrape paint away from ground mounting location to expose bare metal. The ground wires ring terminal must be placed against the metal of the vehicle. Run ground wire to under seats.



9. Using a pull rod, route the RCA and remote wire cable from the radio cavity then under the center console, the 4-channel cabling goes to the drivers side, the Subwoofer route to the passengers side.



10. Route subwoofer wire under trim until you reach the rear bench seat. Then pull up carpet, and route wires under carpet into the cargo area and connect to subwoofer box. *Use caution to avoid the scissor mechanism used to fold the seat down.*



## Amplifier installation:

11. Mount the amplifiers to amp racks, using hook and loop tape position rack in the vehicle with the rear bracket feet over the seats rear bolt hole locations.

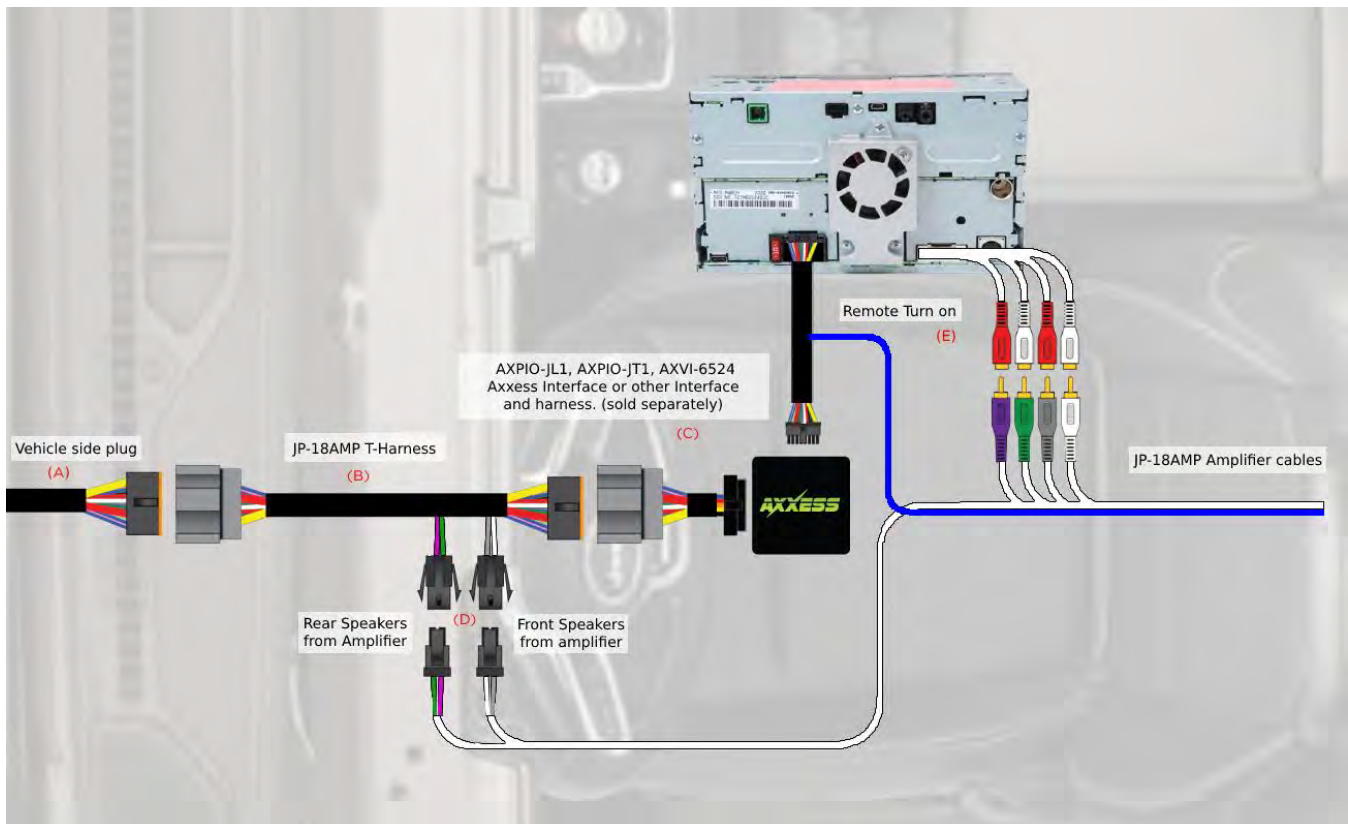


12. Terminate cables with proper connector for the style of amplifier being used. Connect cables and RCAs to the amp. We recommend using InstallBay PN: IBLUGT, and IBFCRIMPER to terminate the ferrules.



13. Disconnect the interface harness from vehicle side plug (A), connect the audio t-harness before the aftermarket interface harness (B). Plug one end the T-Harness into the aftermarket radio interface (C), and the other end into the vehicle harness. Plug the two 4 pin Molex connectors from the amplifier into the 4 pin Molex connectors (D) on the T-harness, matching the wire colors.

*For this application the loose speaker wire will not be used. Tape and secure them.*



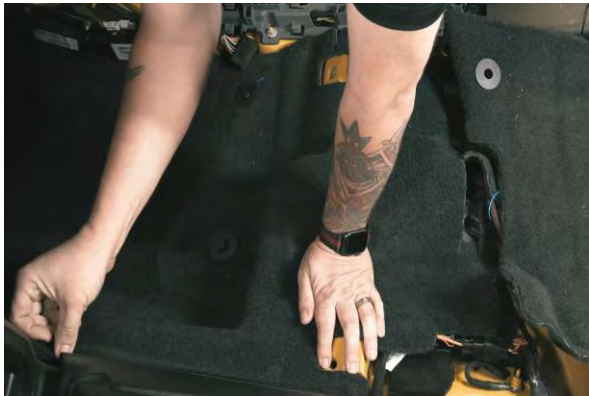
14. Connect the four channels of RCA directly into the RCA outputs of the aftermarket radio, (front left, front right, rear left, rear right). Connect the subwoofer RCA to the sub output of the aftermarket radio, and connect the remote turn on wires to the remote of the aftermarket radio. (E)

- Using a T20 Torx, install mini ANL fuse into the fuse holders.

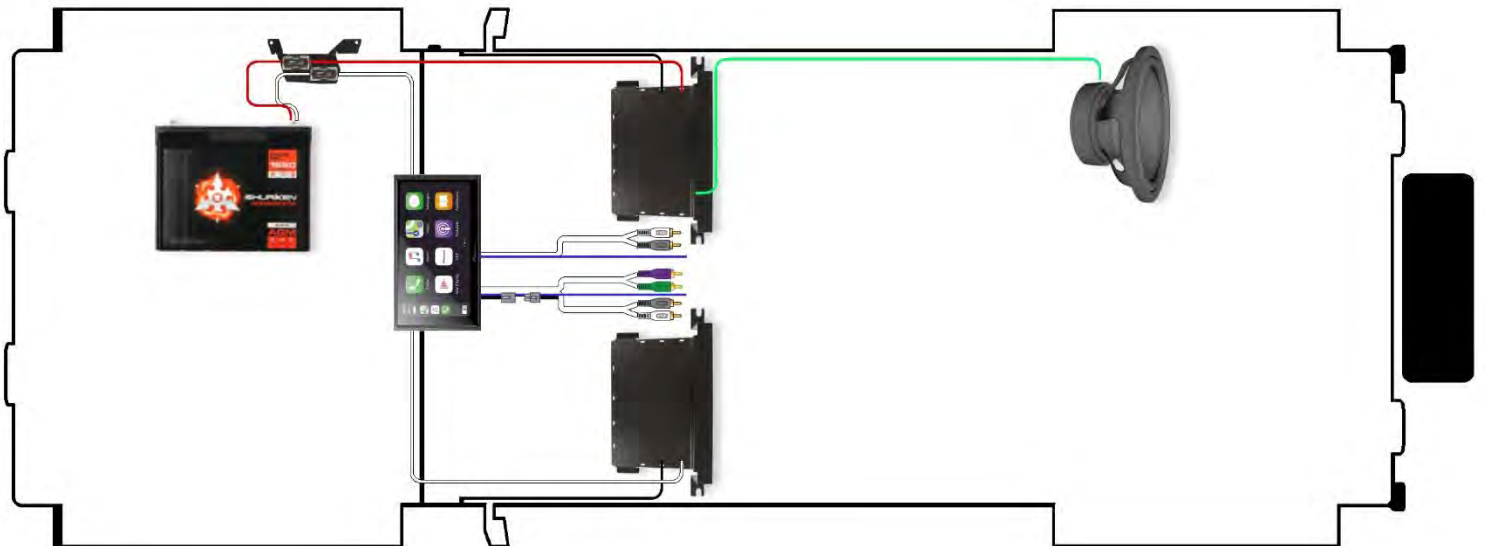


## Installation completion:

- Turn vehicle on and test amplifier. Make the necessary adjustment to the amplifiers settings.
- Reassemble Radio, climate controls, driver panel and glove box.
- Reposition carpet, snap and tuck into place in factory locations.
- Reinstall the seats. The rear of the seat's brackets will sit on top of the amp rack feet and bolt down, sandwiching the amp rack between the seat and the floor. Slide the seats back and forth to make sure there is no interference between the seats and amplifiers.



## Wiring Diagram:



Thank you for purchasing your Jeep Accessory from Metra Electronics! We're excited to see your installs, also if you have any questions, comments, feedback on the product, please contact us at [techsupport@metra-autosound.com](mailto:techsupport@metra-autosound.com).



## Jeep® Accessories

Rev:1.1 | Edit: 11/16/2021



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

**Tech Support**  
(386)257-1187