MB QUART®
MUSIC. DEFINED.

Installation Instructions

Model:	Polaris Ranger XP1000 (**ONLY**)
Description:	Subwoofer Install
Part Number:	MBQRG-SUB-1
Assembly Time:	60 Min (1-Hour)

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 specials skills and tools to complete, 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	10" Subwoofer w/Enclosure (MBQRG-SUB-1.2)	1
2	NA2-400.1 Amplifier	1
3	M6 Washers	3
4	ST6.5 x 45mm Hi/Lo Torx Head Screw	3
5	11" Bit Extension with a T25 Torx Bit	11

NOTE: All wiring, amp plate and hardware is included with the Stage 2 Audio Kit MBQRG-STG2-RC-2. If doing as stand alone sub then the MBQRG-SUBACC-1 will be needed. (Sold Separately)

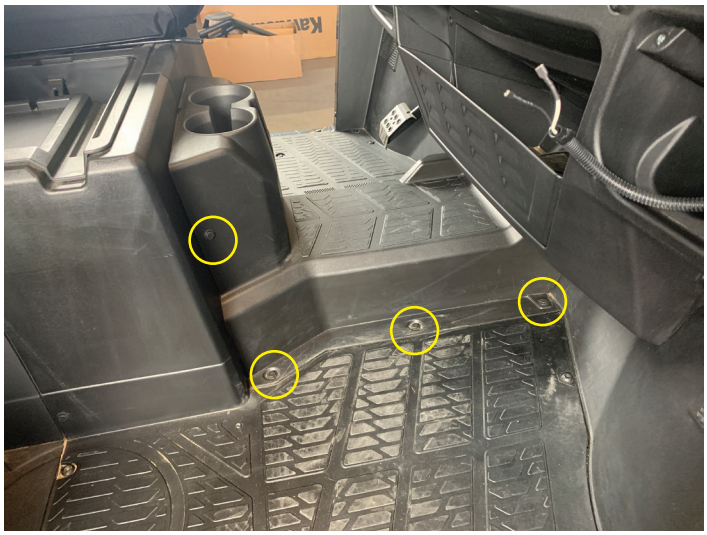
Tools Required	
1	Bojo Tool
2	Panel Clip Pliers
3	1/8" Drill Bit
4	Drill
5	T25 & T40 Torx Bit
7	10mm Socket
8	Rachet

Disassembly

- Remove hood by turning (2) latches.



- Remove (4) push pins from the passenger side center console.



- Remove (5) push pins from the driver side center console.



Disassembly

- Remove underseat tray from passenger side.



- Lift center console upward starting at cupholder and remove from vehicle.

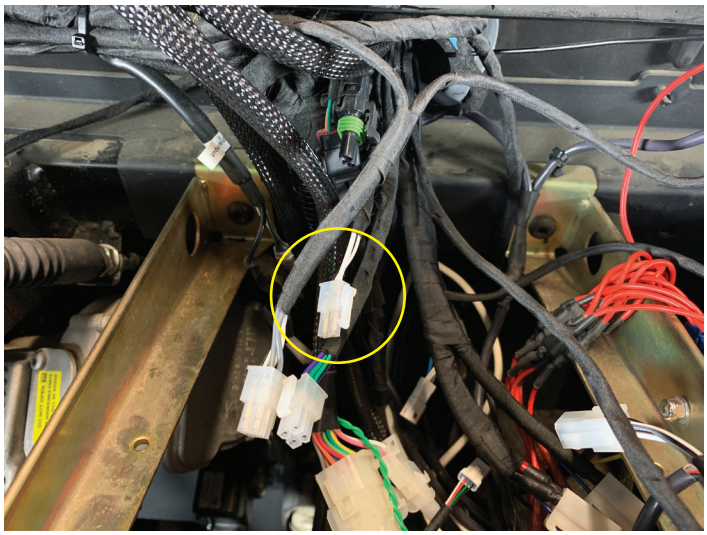


Harness Installation

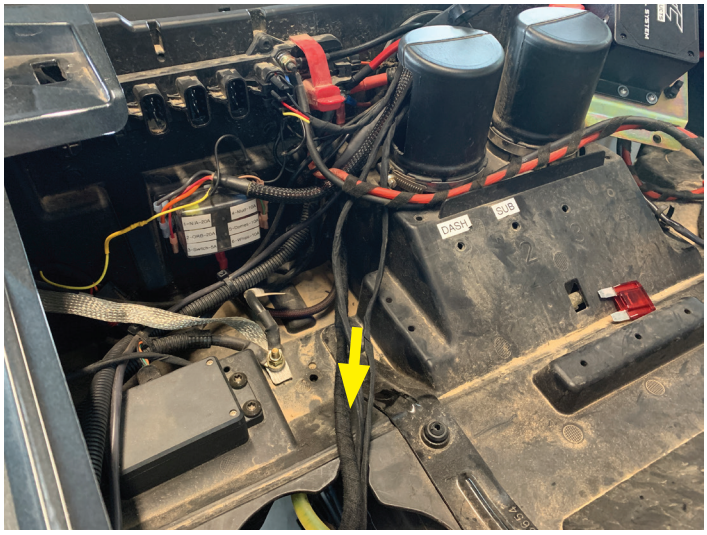
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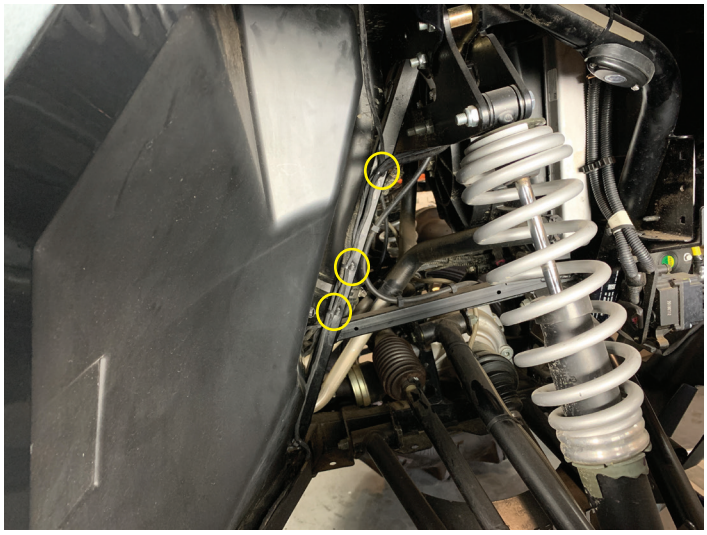
- Route the subwoofer extension harness from the middle of the dash out the grommet toward the front of the vehicle for future upgrades.



- Pass the wires from the grommet to the radiator cap opening (If other wire present zip tie along).



- Pass the wiring around any moving parts and down the frame toward the center console and secure in place with zip ties.

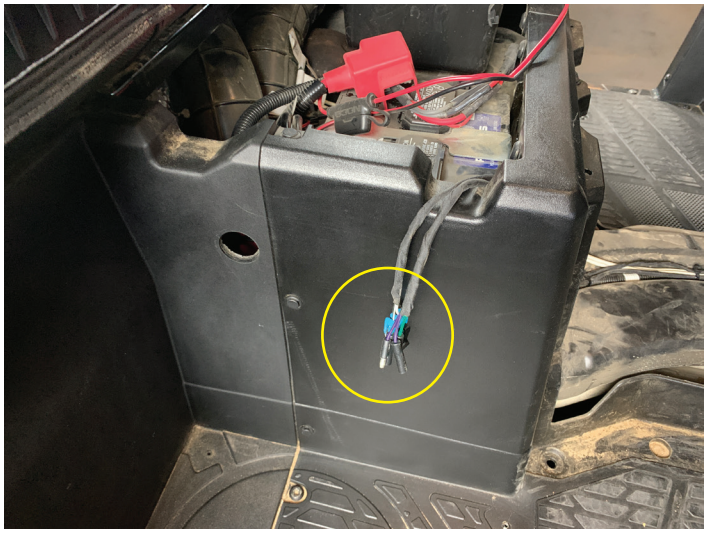


Harness Installation

- Run along air intake securing with zip ties to the power bus bar harness.



- Route subwoofer harness to the passenger side of the battery.



- Drill 1.25” hole and pass subwoofer connection through hole and place grommet

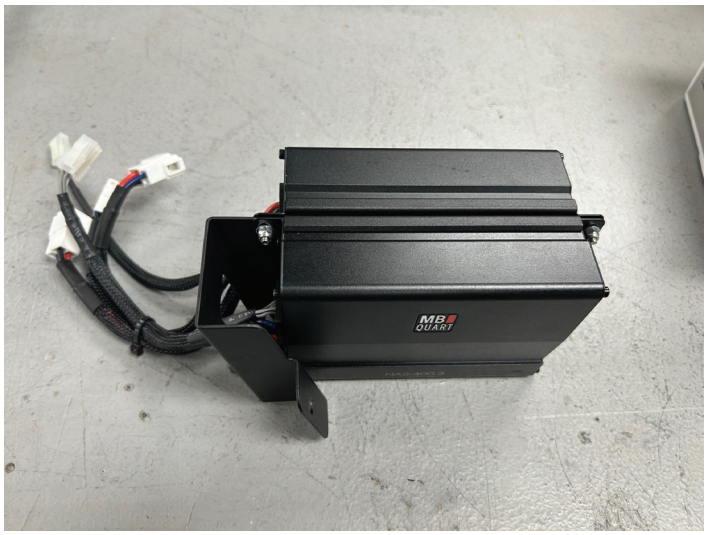


Amplifier & Amplifier Plate Installation

- Install the NA2-400.1 amplifier as pictured with (4) M4 Philips screws, washers, and lock nuts.

NOTE

If also installing with the MBQRG-STG2-RC-2, the NA2-400.2RC amplifier will also be mounted to the amplifier plate.



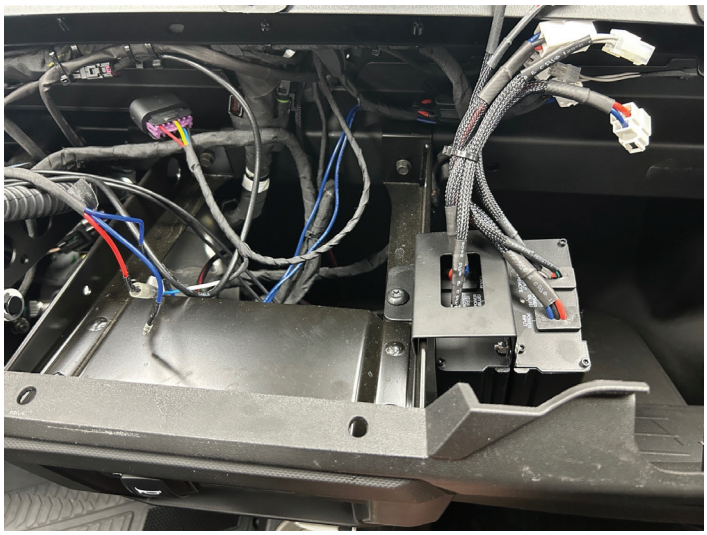
- Adjust the NA2-400.1 amplifier gain as pictured. Refer to the MBQRG-STG2-RC-2 manual for amplifier adjustments for the NA2-400.2RC.

NOTE

Turn Gain all to the last “L” on Level HPF to 100Hz going just past “P” on LP LPF Subsonic set to 35Hz going to “S” on SubsonicBoost 0dB

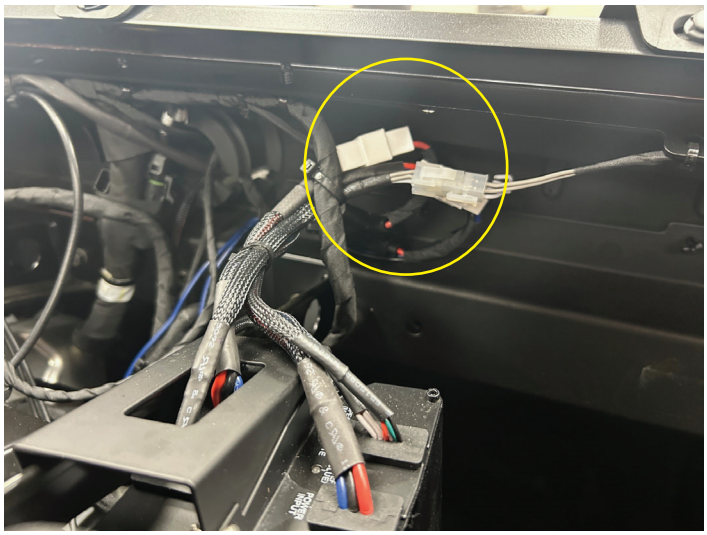


- Install amplifier on passenger side and install with supplied T40 Torx self cutting screw.



Amplifier & Amplifier Plate Installation

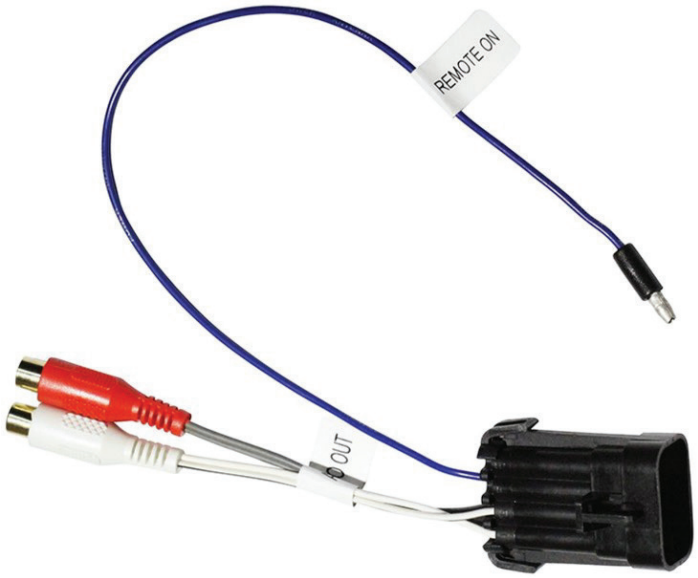
- Plug in the amplifier harness connectors to the amplifier(s) and RCAs at the bottom of the amplifier(s).



- If your vehicle has the factory amplifier disconnect the harness from the amplifier. If it does not have the factory amplifier locate the circled connector located right of the shifter.



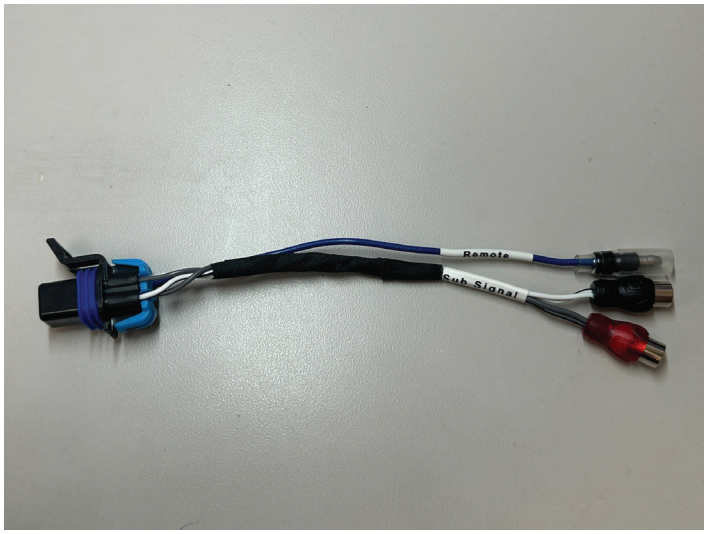
- Connect this harness and route RCAs from the NA2-400.2 and make connection.



- If your vehicle has the factory amplifier disconnect the harness from the amplifier. If it does not have the factory amplifier locate the connector on the passenger side front firewall.



- Connect this harness and route RCAs from the NA2-400.1 and make connection.



Subwoofer Installation

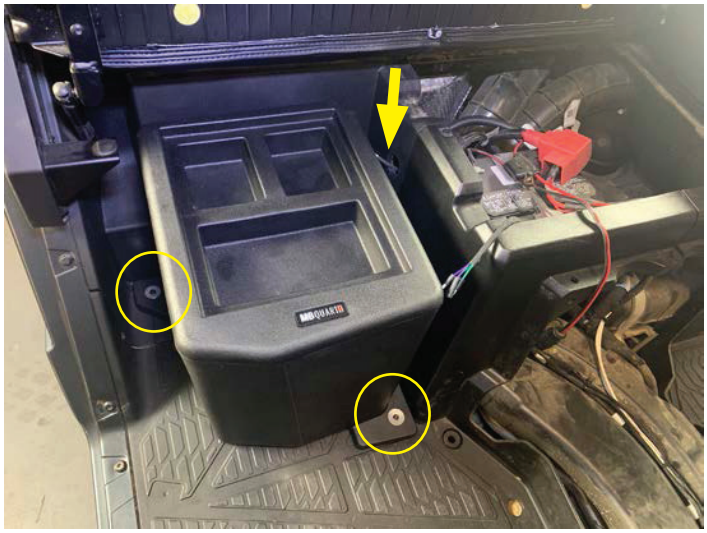
- Drill three 1/8” holes at marked indents in floor (only drill deep enough to get through first layer of material).



- Place subwoofer enclosure under passenger seat and secure with three high-low T25 Torx screws and washers.

NOTE

Use two picks to align enclosure with holes in vehicle and also use provided bit extension to reach rear screw where the arrow is



- Connect the subwoofer enclosure harness to the subwoofer extension harness.

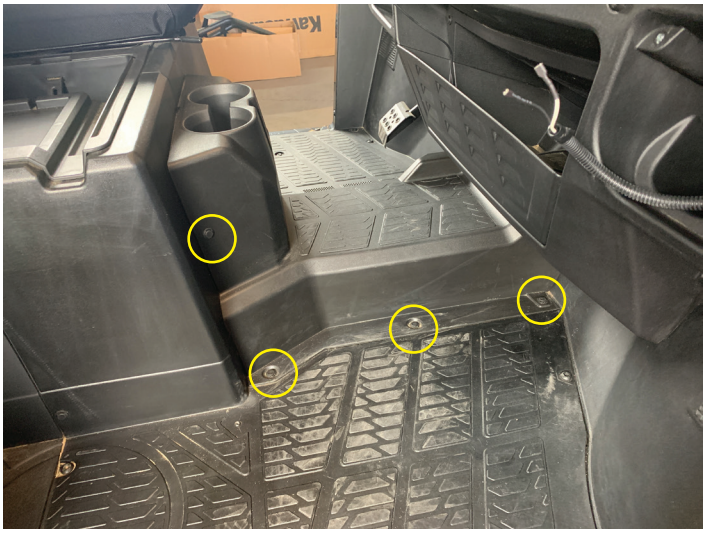


Reassembly

- Place center console in the vehicle sliding forward then down.



- Insert (4) push pins from the passenger side center console.



- Insert (5) push pins from the driver side center console.



Reassembly

- Place battery cover into place, Turn vehicle and radio on and enjoy the music.



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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