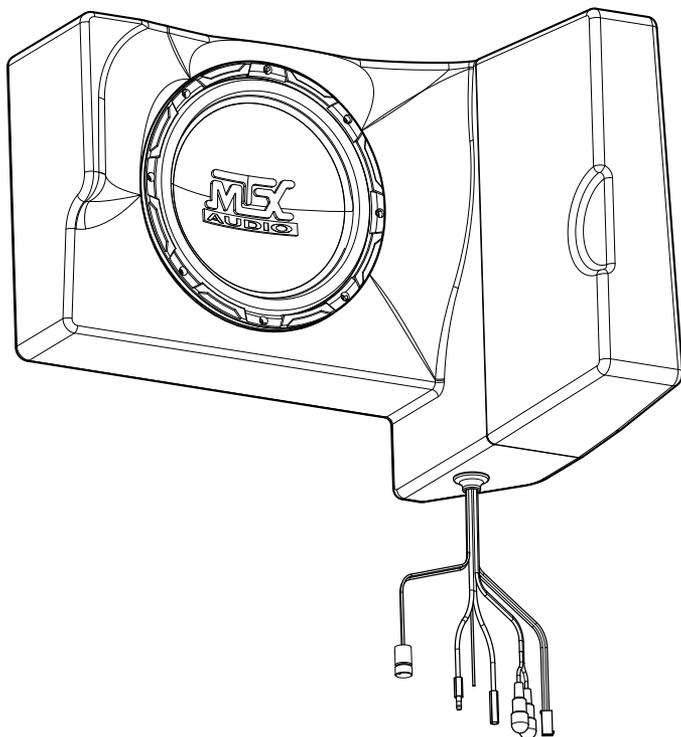




THUNDER
SPORTS™



OWNER'S MANUAL
RANGER-10
POLARIS® RANGER® AMPLIFIED SUBWOOFER ENCLOSURE

IMPORTANT NOTICE

If you have any questions regarding wire routing in a vehicle, please contact MTX Technical Support at 1-800-225-5689.

When connecting power and ground wires ensure that the red power wire is fused at the point where it is connected to the vehicle's battery. Failure to do so can result in damage to the vehicle if a short circuit develops between the vehicle connection point and the product.

PRODUCT INFORMATION

Model # _____

Serial # _____

Dealer's Name _____

Date of Purchase _____

IN THE BOX

- RANGER-10 Amplified Subwoofer Enclosure
- EBC and EBC Extension Wire
- Mounting Hardware
 - Top Mounting Bracket
 - 90° Bottom Mounting Bracket
 - M6 14mm Bolt with Washer and Lock Washer
 - 7/8" Self-tapping Screws
 - ST6.3 25mm Self-tapping Screw

ADDITIONAL ACCESSORIES NEEDED AND NOT INCLUDED

MTX recommends using StreetWires PS1K-10 amp kit which includes the following:

- Power and Ground Wire to Run to the Battery
- 20A ATC Fuse Holder
- Accessory Connection Wire
- RCA Cables to Connect to the Source

INSTALLATION TOOLS

The following is a list of suggested tools needed for installation:

- Torx - T40
- 3/8" Socket
- Flat Blade Screwdriver
- Pry Tool
- 1/8" Drill Bit

INTRODUCTION

Thank you for purchasing the MTX Audio amplified subwoofer enclosure designed for the Polaris® RANGER®. The easy to install subwoofer is the perfect direct fit bass solution for your Polaris® RANGER®. Congratulations and enjoy the ultimate audio experience with MTX!

FITS THE FOLLOWING VEHICLES

- RANGER® XP 570 / 900 (2014 and Up)
- RANGER® DIESEL (2014 and Up)
- RANGER® 6X6 (2014 and Up)
- RANGER CREW® XP 570-6 (2014 and Up)
- RANGER CREW® XP 900-5 EPS / 900-6 EPS (2014 and Up)
- RANGER CREW® DIESEL (2014 and Up)

FEATURES

- 10" All-Weather Amplified Subwoofer Enclosure
- Integrated 250-Watt RMS / 500-Watt Peak Power Amplifier
- Integrated Power and Ground Connections
- Low Level Input with External Gain Control
- Dash Mount Bass Control Knob (Included)
- Mounts Underneath Driver's Seat (2 Seat Model) or Underneath Driver's Side Rear Seat (4 Seat Model) - Direct Fit, No Cutting Required

SPECIFICATIONS

- RMS Power Handling: 250-Watts
- Peak Power Handling: 500-Watts
- Frequency Response: 31Hz - 130Hz



INSTALLATION

Step 1 - Lift the driver's seat up and remove the plastic tub. The tub will not be reused.



Step 2 - Remove the T40 screws from the driver's side. The **single cab RANGER** uses four screws on the floor area, one screw on the front fender area (the lowest screw), and one screw on the back of the side panel.





The **dual cab RANGER** uses two screws on the floor area, one screw on the fascia below the seat, and one screw on the back of the side panel.



Step 3 - Remove the front and rear locking pins.





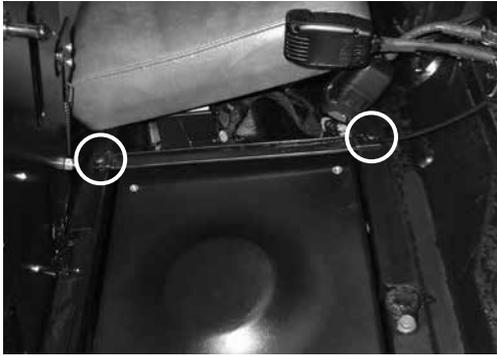
Step 4 - Loosen the pipe clamp on the fuel filler pipe with a flat blade screw driver. The fuel filler pipe should be able to be pulled from the rubber fuel pipe. Take care when doing so.
WARNING: Do not smoke during this step.



Step 5 - Carefully pull away the side panel from vehicle. The gas cap / fuel filler pipe is attached to the plastic side panel and will slide out of the rubber fuel pipe.



Step 6 - Slide the long part of the enclosure into the vehicle frame above the gas tank. The subwoofer will face the top of the gas tank. Two brass inserts will be visible when looking down from the top and the MTX logo will be pointing towards the outside of the vehicle.



Step 7 - Remove the two T40 screws as shown above. These screws hold down the vehicle plastic brace under the seat.

Step 8 - Line up the larger enclosure mounting bracket with the alignment holes for the vehicle mounting screws. Using the T40 screws from Step 7 screw the bracket to the vehicle, hand tighten.



Attach the bracket to the two brass inserts in the top of the enclosure using the included M6 bolts and washers, hand tighten.



Step 9 - Line up the brass insert on the front of the enclosure with the hole in the vehicle frame. Using the included M6 bolt and washer, attach the enclosure to the vehicle.



Step 10 - Tighten all M6 bolts into the enclosure as well as the T40 bolts holding the top enclosure bracket to the vehicle.

Step 11 - The small 90° angle bracket attaches to the vehicle using the two pre drilled holes on the frame. The two larger holes in the bracket are for the 5/16" self-tapping bolts. Secure the bracket to the frame using the included bolts. The bracket will sit flush with the enclosure.



Step 12 - Attach the enclosure to the 90° angle bracket using the included ST6.3 self-tapping screws. A 1/8" drill bit should be used to pre drill holes in the enclosure. Be careful not to strip them when tightening into the enclosure material. Do not use an impact driver for these screws.



Step 13 - Now that the enclosure is securely tightened in place, the power and signal wires need to be connected to the battery and signal source.

- The Red wire should be connected directly to the battery's positive terminal and fused with a 20A fuse.
- The Black wire should be directly connected to the battery's negative terminal.
 - If your vehicle is equipped with the Polaris® busbar kit, the Red and Black wires can be connected to the busbar under the hood. The Red wire will still need to be fused.
- The Blue wire can be connected to the ACC / Key Turn On located on the busbar of any vehicle.



Step 14 - Connect the RCA inputs to the signal source of your choice

Step 15 - Turn the unit on and check to make sure everything works. Set the gain using the gain pot that is attached to the orange/grey wires. Set the gain to the bass level desired.

Step 16 - The included EBC can be connected and mounted to a desired location to allow easy trim adjustment of the bass level after the gain has been set.

Step 17 - Replace all the parts and screws that have been removed to return the RANGER back to its completely assembled state.



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Due to continual product development, all specifications are subject to change without notice.

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