



THUNDER
SPORTS™



INSTALLATION INSTRUCTIONS
RZRHARNES3

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.

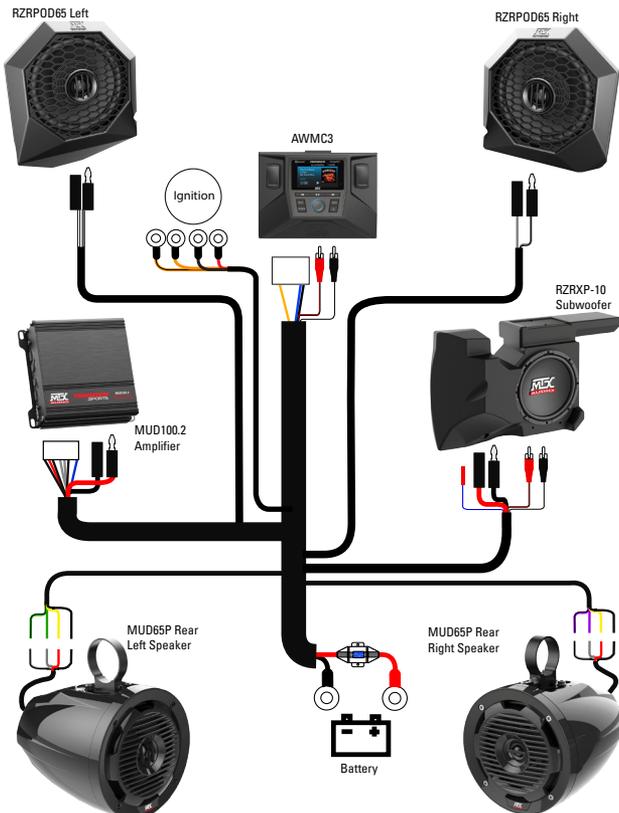
INTRODUCTION

The MTX RZRHARNESS3 is designed to work with the MTX AVMC all-weather media controller, MUD100.4 Amplifier, RZRPOD65 speakers, MUD65P speaker pods, and RZRXP-10 powered subwoofer in select Polaris RZR vehicles. The harness is designed to simplify installation of all of these parts for a complete audio system. These instructions are designed specifically for the RZRHARNESS3. See other part installation instructions for details on how to install them in their locations.

FITS THE FOLLOWING VEHICLES

- RZR® XP / XP4 1000 (2014 and Up)
- RZR® XP / XP4 TURBO (2016 and Up)
- RZR® 900 / 900S / 1000S (2015 and Up)
- RZR® 4 900 EPS (2015 and Up)

RZRHARNESS3 SYSTEM LAYOUT



INSTALLATION

The first step in installing the RZRHARNES3 is to remove the seats, center console, under dash, and instrument cluster from the RZR. Once those pieces are removed, a large grommet located on the forward firewall can be seen that includes the factory wiring harness. After carefully making a small incision feed the end of the RZRHARNES3 through that grommet leading with the end that includes the black and red ring terminals. Please note the fuse holder will have to be removed in order to get the harness through the grommet. Set it aside until the next step. Continue to feed the RZRHARNES3 through the grommet until the orange and black/orange ring terminals are through the grommet to the under hood side and then stop.

The black and red ring terminals are designed to be connected to the vehicle's battery and should be run down the center of the vehicle, following the vehicle's factory harness. Take care to keep it away from any moving parts (the drive shaft will be exposed). The kit includes expanding wire ties that can be used to hold the harness in place using existing factory holes. At this point the fuse holder can be reattached to the red power wire but **DO NOT** connect to the battery. The center console and passenger seat can be replaced at this point making it more comfortable to complete the rest of the installation.

The next step is to connect the orange and black/orange wires to the buss bar under the hood. If the vehicle is equipped with a Polaris accessory harness, follow the markings on the buss bar and connect the orange wire to "ACC" and the black/orange wire to "GND". If the vehicle is not equipped with a Polaris accessory harness, connect the orange wire to the same stud that the existing orange wire is connected to. Then remove one of the T25 Torx bolts that attaches the buss bar to the vehicle, this bolt is ground to chassis and will be used for the ground connection. Put the black/orange ring terminal through that bolt and reattach the buss bar to the vehicle. The black and red wires in this same breakout are for the LEDs integrated into the MUD65P rear speakers. These can be connected to the same posts as the orange and orange/black with the red going on the orange and the black going on the orange/black. They can also be wired to a switch, giving the user the ability to turn the LEDs off when not needed.

Next the harness can be connected to the AWMC3 using the large Molex style connector on the harness. It will mate to the rear of the AWMC3 and can only be connected one way. The RZRHARNES3 includes two sets of RCA male connectors. One is labeled "FRONT" and one is labeled "REAR"; these need to be plugged into the corresponding female RCA connections on the AWMC3.

The second Molex style connector on the harness is designed to connect to the MUD100.4 amplifier. Discard the female end of the harness on the MUD amplifier and connect the RZRHARNES3 Molex connector directly into the male end on the amplifier. Next connect the male red power wire on the harness to the corresponding female plug on the amplifier harness. Then connect the black female plug on the harness to the red male plug on the amplifier.

The subwoofer will be wired next. There are five connections for the subwoofer (plus one small plug included with the subwoofer for the EBC) on the harness: power, ground, remote turn on, and male RCA's. Connect the RCA's from the harness into the female RCA inputs on the subwoofer's amplifier. Next connect the female red power wire on the harness to the corresponding male plug on the subwoofer's amplifier. Then connect the black male plug on the harness to the red female plug on the subwoofer's amplifier. Finally, connect the strip a small piece from the end of the blue wire on the subwoofer amplifier harness. Using a crimping tool, put that stripped end of the wire into the female end of the butt connector connected to the harness at the subwoofer.

Connecting the speakers is the next step. The RZRHARNES3 front channels are designed to be used with the RZRPOD65 front speakers and have all-weather connections that are easy to connect. The white and white/black wires can be connected to the front left side speaker. The all weather connections match the wire harness on the RZRPOD65 and can be connected easily. The grey and grey/black (positive and negative) are for the front right speaker and can be connected in the same way. The rear speaker wires are designed for use with the MTX MUD65P pod speakers so both the left and right leads in the RZRHARNES3 have both audio signal and power (for powering the LED in each speaker) wires. The green and green/black (positive and negative) are for the left rear speaker. Green will connect to grey on the speaker and green/black will connect to grey/black for signal. Red from the RZRHARNES3 will connect to yellow on the speaker and black will connect to black. The purple and purple/black (positive and negative) are for the right rear speaker. Purple will connect to grey on the speaker and purple/black will connect to grey/black for signal. Red from the RZRHARNES3 will connect to yellow on the speaker and black will connect to black. Since there is a variety of locations rear speakers can be mounted, these wires can be cut to match the length needed to reach the desired mounting location.

Finally, the power and ground wire can be connected to the battery. Connect the red wire power ring to the positive battery terminal and black ring terminal to the negative battery terminal. Turn machine to "ACC" or "ON" and power on the AWMC3 to ensure all speakers are working properly.

© 2017 Mitek Corporation. All rights reserved. MTX is a trademark of Mitek Corporation. All other trademarks are property of their respective owners. Designed and Engineered in the U.S.A.

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

MTX Audio, 4545 East Baseline Rd. Phoenix, AZ 85042 U.S.A. 1-800-225-5689

MTX005635 RevA 8/17