

**Marine/Bypass mode is for OFF ROAD use only. In no way is it intended for use while operating the vehicle on-road.**

**Problem:**

It has come to our attention that the AVIC - Z1 will not allow a few navigation features while in motion. Along with this the AVIC - Z1 will not allow the viewing of video while the vehicle is in motion either.

**Solution:**

For the AVIC - Z1 to become active (also known as marine mode) the unit needs to see one +12V pulse across the illumination wire (orange / white) during the initial boot up screen. To accomplish this the PTR-7 will be used. You will need a PTR-7 with revision number 1.2.3 or greater. The revision number is on the original instructions. Not the unit itself. You will need to program the PTR-7 to function number 20, and 10 pluses. You will then connect the blue wire to the orange / white (illum) wire. Connect the green wire to a true ignition to trigger the PTR-7 every time the vehicle is switched to the on position. For applications with auto headlights or remote start a relay and timer will need to be used when the illumination wire properly connected. The purpose of the relay and timer is to isolate the illumination wire away from the vehicles parking light wire so that the unit may see the necessary pulses. This may be done with the green parking brake lead connected properly or connected straight to ground. If the parking brake is applied while the unit is in bypass mode it will reset and no longer be in bypass mode.

**Once Bypassed:**

You will be able to input addresses, use voice commands, and view video while the vehicle is in motion.

