



## RES6VU-B & RES6VX Trouble Shooting Guide

- 1) Install 4 new AA batteries in the battery box. Connect the battery box to the receiver and switch the battery box to the ON position. The receiver should beep within 1-2 seconds to indicate that it has power. If the receiver does not beep, check the items below.
  - a. Check that the ON/OFF switch on the battery box is ON.
  - b. Check for a fully engaged power connector
  - c. Check all crimp locations for improper crimping. An improper crimp could also come from the factory.
  - d. If you have a volt/ohm meter (multimeter)
    - i. Set meter to DC Voltage:
    - ii. Probe the battery connector. It should read about 6 volts.
    - iii. With the probes pierce the red and black RES6VU-B wires leads near the receiver. Voltage should read about 6 volts DC.
- 2) Check that the remote transmitter is functioning.
  - a. Press the LOCK and UNLOCK buttons, the red light on the remote should flicker while the button is pressed.
  - b. If the red light does not light up then:
    - i. Check that the battery is positioned properly in the remote
      1. Remove the small Philips screw on the back of the remote and unsnap the remote body open.
    - ii. Check the battery voltage with a voltmeter. It should read about 12V.
      1. Replacement batteries are available on our website or at electronics retailers. The battery is a GP27A.
- 3) Check that the transmitter activates the receiver.
  - a. With the vehicle's engine off, press a button on the remote.
    - i. A beep and/or clicking should be heard from the receiver when the remote's LOCK and UNLOCK buttons are pressed.
    - ii. If you put your hand on the receiver, you can feel the relay being activated/deactivated with the transmitter's LOCK and UNLOCK buttons are pressed.
  - b. If the transmitter does not activate the receiver:
    - i. Was the remote supplied with the receiver?
      1. Yes – This may be a faulty unit. You can try to reprogram the remote transmitter to the receiver and/or contact [techsupport@3built.com](mailto:techsupport@3built.com) for further information.
      2. No – Has the receiver been programmed to accept the new remote? If not, follow the instructions supplied with the remote
      3. Transmitter programming instructions can be found at <https://3built.com/pages/support>
- 4) Range Issues
  - a. Make sure the remote's antenna is extended all the way.
  - b. Check the receiver's antenna wire placement
    - i. Make sure that the antenna is away from the spark plug wire and coil.
    - ii. Make sure the antenna is not touching any other metallic object.
    - iii. Attempt moving the location of the receiver.
  - c. Resistor type spark plugs can significantly improve range issues at higher RPMs.
  - d. Test the vehicle in a different geographic location.
  - e. If no improvements can be found, contact [techsupport@3built.com](mailto:techsupport@3built.com)