

BYPASSING THE VATS ANTI-THEFT SYSTEM

- ▶ Vehicles with the GM VATS system have a resistor embedded in the ignition key.

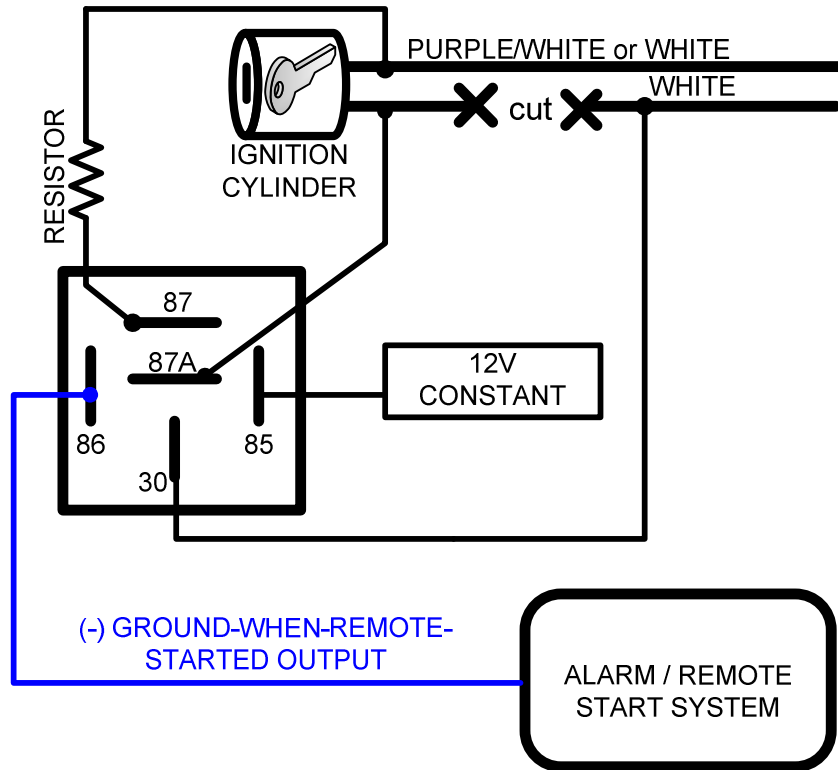


- ▶ If the VATS decoder module does not measure the proper resistance when the vehicle is started, the starter and/or fuel pump may be disabled for up to 10 minutes.
- ▶ The VATS wires will be two very light-gauge wires coming out of the steering column. The colors of the wires vary, but are often contained in orange, black, or gray tubing. Determine the value of the resistor in the key. Then follow the diagram to bypass VATS during remote start operation.
- ▶ General Motors only uses a fixed number of different resistors with the VATS system. The resistance of the chip in the ignition key should correspond with one of these following values.

390 Ohms	520 Ohms	680 Ohms
885 Ohms	1130 Ohms	1470 Ohms
1800 Ohms	2370 Ohms	3010 Ohms
3740 Ohms	4750 Ohms	6040 Ohms
7500 Ohms	9530 Ohms	1180 Ohms

Remote starter and security installations should be attempted by experienced security installers only. Information contained is accurate to the best of our knowledge and experience. Information contained is without any representation of warranty. It is the installer's responsibility to test and confirm all circuits with a digital multi-meter. Proper installation remains the responsibility of the installer. CarInstallExperts.com assumes no liability or responsibility resulting from an improper installation, even in reliance with the information contained in this guide.

NOTE: When connecting to the VATS wires it is not important which wire is cut but make sure that the key side of the cut wire goes to terminal **87a** of the relay and the car side of the cut wire goes to terminal **30**:



PIN	CONNECTION
85	TO 12V CONSTANT
86	TO (-) GROUND-WHEN-REMOTE-STARTED-OUTPUT FROM REMOTE START SYSTEM
87	TO PURPLE/WHITE or WHITE WIRE WITH RESISTOR IN LINE
87A	TO CUT WHITE WIRE – IGNITION CYLINDER SIDE
30	TO CUT WHITE WIRE – CAR SIDE

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