

BYPASSING THE PASSLOCK II ANTI-THEFT SYSTEM



NOTE:

It is strongly recommended that a Passlock II Bypass module is purchased and used for this process. This simplifies the installation process and eliminates the use of relays as described below

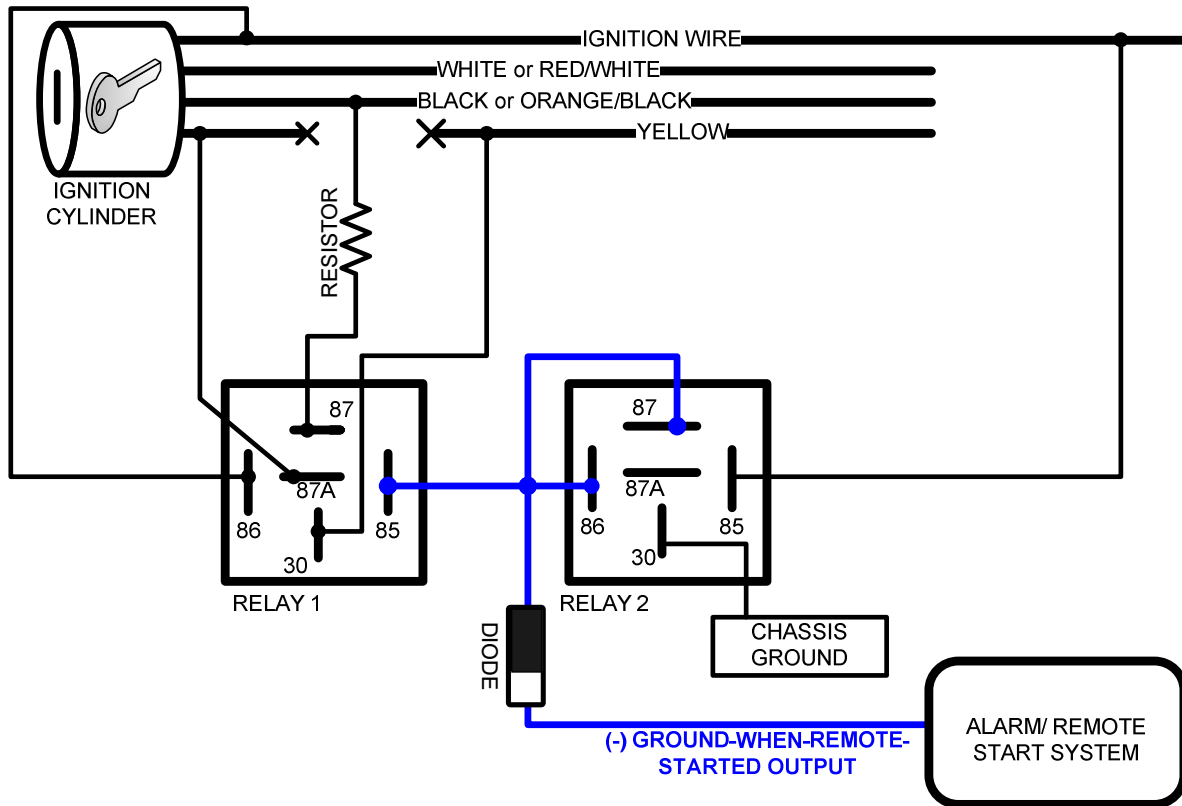
- ▶ Many 1998-Up General Motors come equipped with a Passlock passive anti-theft system. The Passlock system uses a sensor inside the ignition switch that creates a resistance code (R-Code) when the key cylinder is rotated. When attempting to start the vehicle, the R-Code must be present or the vehicle immediately shuts down. When installing a remote starter in a GM vehicle equipped with Passlock 2, a bypass module or two relays must be used.

SETTING THE MULTI-METER TO TEST RESISTANCE, THE CORRECT R-CODE CAN BE FOUND

- 1 Interrupt the starter wire. This is important since testing requires turning the key to the crank position. If the vehicle is accidentally started while testing with the yellow Passlock wire cut, the system may enter "Fail-enable" mode. In Fail-Enable mode, the vehicle sees an open connection in the system and will start but the "Theft Warning" light stays constantly illuminated. If the system enters Fail-Enable mode, it must be reset by the car dealer.
- 2 Interrupt the YELLOW Passlock wire in the ignition harness of the vehicle.
- 3 Connect the (+) lead of the multi-meter to the ignition side of the YELLOW Passlock wire.
- 4 Locate the other Passlock wire in the ignition harness. This wire is ORANGE/BLACK in trucks and SUVs. Without interrupting this wire, connect the (-) lead of the meter to this wire.

NOTE: Avoid touching the two Passlock wires together. Touching them together can give false readings.

- 6 Turn the key to the CRANK position. The meter will show the correct resistor value or R-Code.



RELAY 1

PIN	CONNECTION
85	TO (-) GROUND-WHEN-REMOTE-STARTED OUTPUT FROM REMOTE START SYSTEM
86	TO IGNITION WIRE
87	TO BLACK or ORANGE/BLACK PASSLOCK WIRE THROUGH RESISTOR
87A	TO YELLOW PASSLOCK WIRE – IGNITION SIDE
30	TO YELLOW PASSLOCK WIRE – CAR SIDE

RELAY 2

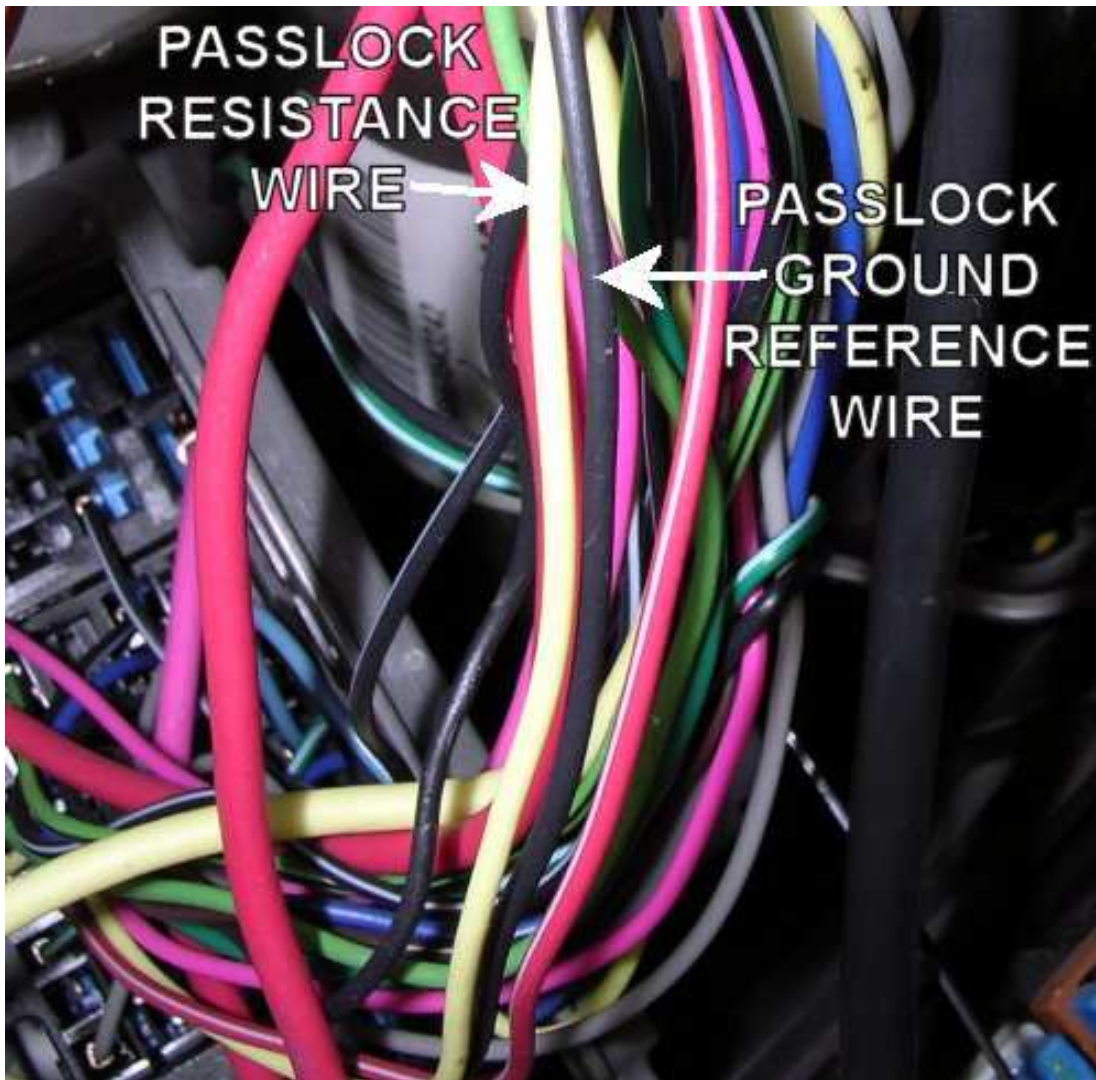
PIN	CONNECTION
85	TO IGNITION WIRE
86	TO (-) GROUND-WHEN-REMOTE-STARTED OUTPUT FROM REMOTE START SYSTEM
87	TO PIN 85 OF RELAY 1
87A	NO CONNECTION
30	TO CHASSIS GROUND

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:

Shown is the location of the Passlock II wires (18 gauge YELLOW and ORANGE/BLACK) in the ignition harness of a 1998 Chevy Suburban. 1998-2002 Chevy and GMC full-size trucks and SUVs will be similar. BE CAREFUL WORKING AROUND AIRBAG WIRES, which can be found in yellow split loom or tubing in the ignition harness.



NOTE:

Shown is the location of the Passlock II wires (YELLOW and BLACK) in a 2003 Chevy Tahoe.