

BYPASSING THE IMMOBILIZER ANTI-THEFT SYSTEM

- ▶ Many newer vehicles have a factory Immobilizer system.
- ▶ This type of system uses a small chip imbedded in the ignition key, called a transponder, to transmit a very low powered RF signal. This signal is picked up through an antenna or coil around the ignition switch, which is then sent to the immobilizer's transceiver. Once the correct signal is received, the immobilizer will enable the ignition and/or fuel systems. If an attempt is made to start the vehicle and the transceiver does not receive a valid code, the ignition and sometimes the fuel systems are disabled. The immobilizer system will then render the remote start system useless.
- ▶ The immobilizer system needs to be bypassed when doing a remote start.



NOTE:

Installation instructions may vary depending on the brand of the bypass module so it's highly recommended to follow the directions included with the bypass module.

IN MOST CASES, AN IMMOBILIZER BYPASS MODULE WILL BE INSTALLED THIS WAY:

- 1 Open the module unit and place the vehicle's coded key.
- 2 Reassemble the unit with the key inside.
- 3 Carefully disassemble the steering column shroud and place the antenna ring around the ignition switch.
- 4 The unit will usually have two wires that will need to be connected. One will be connected to 12V constant and the other will need to be hooked up to a negative (-) output when the vehicle is remote started. This will trigger the unit when the vehicle is remote started and make the vehicle think the key is in the ignition.
- 5 Test unit before reassembling the steering column.
- 6 Reassemble the steering column shroud.

Shown is a grey ignition key of a 2001 Dodge Stratus. 1998-Up Chrysler, Dodge, Jeep, and Plymouth vehicles with a grey ignition key are equipped with a factory Immobilizer system. This must be bypassed when installing a remote start system.





Example of a spare key inserted into an Immobilizer bypass module before the module is reassembled and installed with the remote start system.:

Example of the Immobilizer bypass module's antenna ring placed around the vehicle's ignition key cylinder.

