

BYPASSING THE PATS ANTI-THEFT SYSTEM

- ▶ Most 1995-Up Fords, Lincolns, and Mercurys are equipped with PATS (Passive Anti Theft System).
- ▶ The PATS system is a transponder based anti theft system. It uses a very small electronic chip (the PATS capsule) hidden in the top of the key to send a code to the vehicle's transceiver whenever the ignition is energized. For this to happen the key must be placed in the ignition and turned to the RUN position. This energizes a coil surrounding the key, which in turn energizes the chip, which sends the signal to the vehicle. If the vehicle does not "see" the code being sent the car will start and immediately shut off and the anti-theft light in the dash will flash.
- ▶ In order to do a remote start on a PATS-equipped vehicle, a PATS bypass module **MUST** be used. 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, A PATS BYPASS MODULE WILL BE INSTALLED THIS WAY:

- 1** Install the remote start and make the proper wire connections to the bypass module. Usually, there is one wire that is connected to 12V Constant and another wire is hooked up to an output from the remote start that gives a negative (-) pulse when the vehicle is remote started.
- 2** Remove the steering column shroud. There should be a plastic ring surrounding the ignition switch. This is the coil or antenna ring. Connected to the antenna ring through a rubber coated ribbon cable is a small black box. This is the PATS transceiver. Locate these parts.
- 3** From the PATS bypass module is a PATS capsule. Attach the PATS capsule to the PATS antenna ring using a wire tie. Be careful with the placement of the PATS capsule and keep in mind that the steering column shroud must go back on after installation is successful and complete.
- 4** With an ignition key, turn the ignition to the RUN position for one second, then turn the ignition off and remove the key.
NOTE: In some instances it may be required to turn the ignition to the RUN position until the "theft" light in the dash turns off.
- 5** With a second key, turn the ignition to the RUN position for one second, and then turn the ignition off. This must be done within 5 seconds of removing the last key.
NOTE: In some instances it may be required to turn the ignition to the RUN position until the "theft" light in the dash turns off.
- 6** Within 10 seconds remote start the vehicle.
- 7** If the vehicle starts and continues running and the THEFT light in the dash goes out, installing the PATS capsule has been done successfully. If the vehicle cranks and does not start, and the THEFT light is blinking, the PATS capsule was not successfully learned. Repeat steps 4-6 again. If the vehicle still does not start, it may be necessary to relocate the PATS capsule.

Shown is an example of an ignition key of a 2000 Ford Expedition equipped with the PATS anti-theft system. Ford vehicles equipped with PATS will have a large ignition key similar to the one shown.

