GENERAL PROCEDURES

Key Programming — Erase All Key Codes and Program Two Keys

Special Tool(s)

ST2332-A	Worldwide Diagnostic System (WDS) Vehicle Communication Module (VCM) with appropriate adapters, or equivalent diagnostic tool
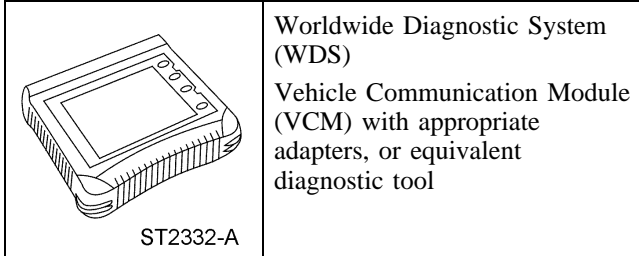
NOTE: This procedure is used when a customer needs keys programmed into the system and does not have 2 programmed ignition keys available. This procedure is also useful when a programmed ignition key(s) is lost or a new ignition switch assembly is installed, and it is necessary to erase key(s) from the passive anti-theft system (PATS) memory.

NOTE: This procedure erases all programmed ignition keys from the vehicle memory and the vehicle will not start until 2 keys are programmed to the vehicle.

NOTE: Two PATS encoded keys with the correct mechanical cut must be available to carry out this procedure. One or both of them may be the customer's original keys.

NOTE: If additional keys are to be programmed, refer to Key Programming — Program a Key Using Two Programmed Keys in this section. If the remaining keys are with the customer and are not available with the vehicle, instruct the customer to refer to the Owner's Literature for instructions on programming the remaining keys.

1. Turn the ignition switch from the OFF position to the RUN position.

2. Using the diagnostic tool, follow the SECURITY ACCESS to obtain security access for the powertrain control module (PCM). For additional information, refer to Security Access — Procedure in this section.

3. From the diagnostic tool menu, select IGNITION KEY CODE ERASE.

4. **NOTE:** Do NOT select any additional commands from this menu.

   Turn the ignition switch to the OFF position and disconnect the diagnostic tool.

5. Insert the first encoded key into the ignition lock cylinder and turn the ignition switch to the RUN position for 3 seconds.

6. Insert the second encoded key into the ignition lock cylinder and turn the ignition switch to the RUN position for 3 seconds.

7. Remove the second encoded key from the ignition lock cylinder.

8. The vehicle should now start with both ignition keys.