Passlock

Coded lock cylinder

A key present in the lock cylinder in the vehicle equipped with the Passlock Anti-Theft System is required to enable the vehicle to start. The lock cylinder has a rotating magnet that creates a signal on the stationary hall effect sensor when the key is turned. The cylinder then sends a signal that is coded to the instrument panel cluster (IPC) or the BCM. Once the IPM or BCM receives the coded signal, a message will be transmitted over a serial data that informs the PCM that the vehicle can be started.

Important reminder: The vehicle's battery needs to be fully charged when performing a relearn on this system. This is because the battery will be used for 30 minutes without the alternator available for charging. A battery charger needs to be connected to ensure that power is available during programming. It is mandatory that the PCM and BCM are communicating and functioning with each other. It is also important to clear all diagnostic trouble codes (DTC) before the procedure. This can be done by disconnecting the battery for 10 minutes. Keep a record and repair the DTCs before clearing.

Steps for the relearning procedure:

1. Turn the ignition to the ON position.
2. Start the engine and then release the ignition key the ON position.
3. Check the security indicator light. This will turn off after 10 minutes.
4. Turn the ignition to the OFF position. Wait for 10 seconds.
5. Repeat steps 2-3 twice more (a total of 3 times including the first attempt)
6. By this time, the vehicle learned the new password. Attempt to start the engine.
7. Use a scan tool to clear any trouble codes.

****The initial 10-minute cycle is enough for most cars to learn the new password. If the vehicle does not start after the first cycle, complete the 3 cycles. Most trucks require all the 3 cycles.**

Please try the procedure again if the initial process does not work. You may call our customer service for any related concerns.