

Passive Anti-Theft System (PATS) - Overview

Overview

The PATS deters the vehicle from theft by preventing the vehicle from starting unless a valid programmed key is detected inside the vehicle when the START/STOP button is pressed.

PATS does not disable a vehicle that is already running.

Backup Starting

NOTE: There are certain areas within the vehicle where the passive key may not be detected and the message center displays No Key Detected. If the passive key is in the far outside edges of the interior (such as in a door map pocket or above a sun visor), it may not be detected. Move the passive key to a different location and try to turn the ignition on.

When the BCM does not detect a valid programmed passive key in the passenger compartment or cargo area, the No Key Detected message displays in the message center when the START/STOP button is pressed.

In the event of one of these failures, place a programmed passive key in the passive key backup starting location to allow the vehicle to start. When the START/STOP button is pressed, the PATS center antenna activates the passive key and the identification code is sent to the BCM. The passive key must be oriented correctly in the backup starting location.

For more information and to identify the backup starting location, refer to "Failure to Start" and "backup slot" in the Owner's Literature.

No Key Detected Message

NOTE: Some brands/types of mobile phone or laptop computer chargers may cause interference that could lead to a PATS concern if the passive key is within close proximity of the charger. If a concern is observed, move the passive key away from the charger and attempt to turn the ignition on.

The No Key Detected message displays in the IPC message center when:

- When the ignition is OFF, the START/STOP button is pressed and a programmed passive key is not detected inside the vehicle. If a component failure (such as a depleted passive key battery or BCM failure) is causing the No Key Detected message to display, the backup starting method can be used.
- When the ignition is ON, the driver exits the vehicle with the programmed passive key and closes the door.
- The BCM activates the PATS center antenna and keyless entry rear antenna to search the inside of the vehicle for a passive key any time a door or the liftgate is opened and then closed with the vehicle running and the first times each drive cycle the vehicle speed exceeds 15 km/h (9 mph). The No Key Detected message displays in the message center and the horn chirps twice when the ignition is on and a passive key is no longer detected inside the vehicle.

This strategy deters the passive key from being separated from a vehicle with the ignition ON. If a passive key is no longer detected in the vehicle, the vehicle continues to run. If the START/STOP button is pressed to turn the vehicle off, the engine can be restarted without a passive key present inside the vehicle for approximately 20 seconds. After 20 seconds have elapsed, a passive key must be present to transition the ignition to ON.

