

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.

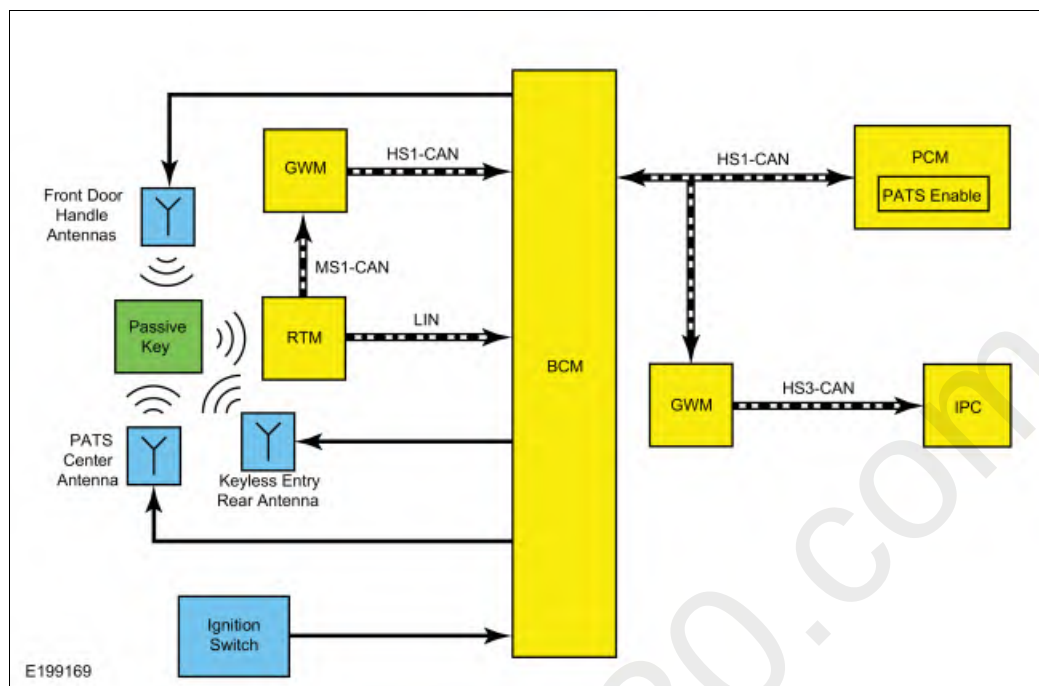
The PATS does not disable an already running vehicle.

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Passive Anti-Theft System (PATS) - System Operation and Component Description

System Operation

System Diagram



Item	Description
1	IPC
2	Passive Key
3	RTM
4	GWM
5	GWM
6	PCM
7	PATS Center Antenna
8	Keyless Entry Rear Antenna
9	Front Door Handle Antennas
10	Ignition Switch
11	PATS Enable
12	BCM

Network Message Chart

BCM Network Input Messages

Broadcast Message	Originating Module	Message Purpose
RKE data	RTM	The RTM sends the BCM programmed passive key information.
PATS start request target command	PCM	The PCM sends the BCM a challenge request for a valid ID.