

8	IPC
9	BCM
10	RCM
11	ABS module
12	IPMB
13	IPMA
14	SCCM
15	PAM

Network Message Chart

PSCM Network Input Messages

Broadcast Message	Originating Module	Message Purpose
Battery voltage	BCM	This message is sent to the GWM and then to the PSCM. This message provides the PSCM with the current 12-volt battery and charging system voltage.
Driven wheel torque output	PCM	This message is sent to the GWM and then to the PSCM. This message informs the PSCM of the current torque output available at the driven wheels. This information is used for active park assist operation.
Ignition status	BCM	This message is first sent to the GWM and then to the PSCM. Used to confirm the ignition status of the vehicle.
Odometer master value	IPC	This message is first sent to the GWM and then to the PSCM. The PSCM uses the odometer information for various self diagnostics.
Outside air temperature	IPC	This message is first sent to the GWM and then to the PSCM. The PSCM uses the temperature information for various self diagnostics.
Parking aid data	PAM	Contains the steering angle requests for parking assist operation.
Parking aid data	IPMB	Contains the steering angle requests for park assist operations with a trailer.
Powertrain status	PCM	This message is first sent to the GWM and then to the PSCM. Used to confirm the status of the operating mode; off - torque not available, on - torque not available, start in progress - torque not available or on - torque available.
Reverse gear status	PCM	This message is sent to the GWM and then to the PSCM. This message informs the PSCM of the current reverse gear status; inactive not confirmed, inactive confirmed, active not confirmed, or active confirmed. This information is used for active park assist operation.
Turn signal switch status	SCCM	Informs the PSCM of the current, driver selected turn signal switch status; off, left, or right. This message is used for lane keeping system function.
Vehicle configuration information	BCM	This message is first sent to the GWM and then to the PSCM. Used to compare the PSCM configuration against the vehicles specific configuration (central car configuration).
Vehicle speed data	ABS module	Determines the level of assist supplied to the steering gear and to validate the steering wheel component angle by comparing the rotational speeds of each wheel. The difference in the speed of each wheel is used to derive a steering angle for comparison against the EPAS motor position sensor.
Vehicle yaw rate	ABS module	Used by the PSCM for steering assist calculations.

EPAS System

The PSCM controls the functions of the EPAS system and communicates with other modules over the HS-CAN2 and through the GWM.

To activate, the EPAS system requires battery voltage at the hot at all times PSCM input, battery voltage at the PSCM ignition-run input. The PSCM must also be able to communicate with other modules over the HS-CAN2 and must receive the power pack status message from the