

Rear fog lamp indicator request	BCM	Input used to control the rear fog lamp indicator.
Right turn lamp on request	BCM	Input used to control the right turn signal indicator.
Stability-traction control indicator request	ABS module	Input used to control the stability-traction control indicator (sliding car icon).
Stability-traction control mode indicator	ABS module	Input used to control the stability-traction control disabled indicator (sliding car OFF icon).
Tire pressure warning indicator	BCM	Input used to control the TPMS indicator.

DESCRIPTION AND OPERATION > INSTRUMENT PANEL CLUSTER (IPC) - SYSTEM OPERATION AND COMPONENT DESCRIPTION > NETWORKED INPUT MESSAGES AND DEFAULT STATES



NOTE: Whenever a network message is suspected as missing and confirmed by a missing message DTC (U-code), it is important to look for other symptoms that can also be present in the IPC and throughout the vehicle. Once a DTC sets in the IPC, it is helpful to review the complete message list to determine which other modules also rely on the same message and run the self-test for those modules. If the message is missing from other modules, the same or similar lost communication DTC can also be set in those modules. Confirmation of missing messages common to multiple modules can indicate the originating module is the source of the concern or the communication network may be faulted.

For a list of all the network messages, Refer to: MODULE COMMUNICATIONS NETWORK .

The IPC uses input messages from other modules to control the gauges, informational indicators, warning indicators and message center message displays over the communication networks. The IPC receives all networked data over the HS-CAN3.

The vehicle uses 4 communication networks to transmit the data used by the IPC.

- HS-CAN1
- HS-CAN2
- HS-CAN3
- MS-CAN

Refer to: Communications Network - Overview .

All messaged inputs to the IPC from other networks are received from the GWM over the HS-CAN3. The GWM, as the name implies, acts as a gateway to convert messages from one of the other 3 networks to the HS-CAN3, which is recognized by the IPC.