



NOTE: The IPMB settings and configuration have no influence over the video signal from the parking aid cameras. The parking aid cameras provide a video signal any time they receive voltage and ground.

For vehicles equipped with a 360 degree view camera system, all camera views are produced by the IPMB, using input from one or more camera(s). The processed video signals are sent from the IPMB to the APIM on shielded, twisted pair circuits. The IPMB receives the video signals from the front, rear, LH and RH parking aid cameras through shielded, twisted pair circuits and determines which image(s) are sent to the APIM to be displayed on the FDIM. In addition to generating the camera views, the IPMB serves as a gateway between the front and rear parking aid cameras and other modules on the HS-CAN2. It communicates with the front and rear cameras via the LIN and stores Diagnostic Trouble Codes (DTCs) for the cameras and the LIN in the event of a concern.

For vehicles equipped with a rear only parking aid camera system with PTBA, the IPMB serves as a gateway module between the video camera and other modules on the HS-CAN2. It communicates with the rear video camera via the LIN and stores Diagnostic Trouble Codes (DTCs) for the camera and the LIN in the event of a concern.

The IPMB requires PMI when replaced. Refer to: Module Configuration - System Operation and Component Description .

When a new IPMB is installed, up to two camera alignment Diagnostic Trouble Codes (DTCs) can be stored until the 360 degree view camera alignment **and/or** the PTBA camera alignment are successfully completed.

Refer to: 360 Degree View Camera Alignment .

DIAGNOSIS AND TESTING > PARKING AID > DTC CHART(S) > DTC CHART: BCM

Diagnostics in this article assume a certain skill level and knowledge of Ford-specific diagnostic practices. REFER to: Diagnostic Methods .

DTC	Description	Action
B115E:01	Camera Module: General Electrical Failure	GO to Pinpoint Test A
B115E:02	Camera Module: General Signal Failure	GO to Pinpoint Test A
B115E:08	Camera Module: Bus Signal/Message Failure	GO to Pinpoint Test A
B115E:49	Camera Module: Internal Electronic Failure	GO to Pinpoint Test A
B115E:55	Camera Module: Not Configured	Sets in continuous memory and on-demand in the BCM when the rear parking aid camera is not configured. PERFORM the rear parking aid