

F3 CARRY OUT THE IPMA (IMAGE PROCESSING MODULE A) PMI (PROGRAMMABLE MODULE INSTALLATION) AND RETEST

Carry out the IPMA PMI. REFER to: Module Configuration - System Operation and Component Description .

Clear the Diagnostic Trouble Codes (DTCs). Repeat the self-test.

Is the concern still present?

Yes	INSTALL a new interior rear view mirror. REFER to: Interior Rear View Mirror .
No	The system is operating correctly at this time. The concern may have been caused by a temporary sensor obstruction.

F4 VERIFY THAT THE AUTOMATIC HIGH BEAM SENSOR IS NOT BLOCKED

Visually verify the automatic high beam sensor is not blocked. Sources of blockage can include:

stickers, window decals or tags.

non-OEM window tinting.

Was the automatic high beam sensor blocked?

Yes	If possible, REMOVE the blockage. TEST the system for normal operation. If the blockage cannot be removed, REVIEW the operation of the automatic high beams with the customer.
No	INSTALL a new interior rear view mirror. REFER to: Interior Rear View Mirror .

DIAGNOSIS AND TESTING > PARKING, REAR AND LICENSE PLATE LAMPS > DTC CHART: BODY CONTROL MODULE (BCM)

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

DTC Chart

DTC	Description	Action
B10F3:11	Left Front Position Light: Circuit Short to Ground	GO to PINPOINT TEST F : AN INDIVIDUAL FRONT SIDE MARKER LAMP IS INOPERATIVE OR ALWAYS ON - HALOGEN HEADLAMPS

B10F3:15	Left Front Position Light: Circuit Short to Battery or Open	GO to PINPOINT TEST F : AN INDIVIDUAL FRONT SIDE MARKER LAMP IS INOPERATIVE OR ALWAYS ON - HALOGEN HEADLAMPS
B10F4:11	Right Front Position Light: Circuit Short to Ground	GO to PINPOINT TEST F : AN INDIVIDUAL FRONT SIDE MARKER LAMP IS INOPERATIVE OR ALWAYS ON - HALOGEN HEADLAMPS
B10F4:15	Right Front Position Light: Circuit Short to Battery or Open	GO to PINPOINT TEST F : AN INDIVIDUAL FRONT SIDE MARKER LAMP IS INOPERATIVE OR ALWAYS ON - HALOGEN HEADLAMPS
B1445:11	Rear Park Lamps Output: Circuit Short to Ground	GO to PINPOINT TEST J : AN INDIVIDUAL OR ALL REAR PARKING, LICENSE PLATE AND, IF EQUIPPED, EXTERIOR MIRROR, ROOF MARKER AND HIGH-MOUNTED STOPLAMP PARKING LAMPS ARE INOPERATIVE
B1445:15	Rear Park Lamps Output: Circuit Short to Battery or Open	If the lamps are inoperative, GO to PINPOINT TEST J : AN INDIVIDUAL OR ALL REAR PARKING, LICENSE PLATE AND, IF EQUIPPED, EXTERIOR MIRROR, ROOF MARKER AND HIGH-MOUNTED STOPLAMP PARKING LAMPS ARE INOPERATIVE If the lamps are always on, GO to PINPOINT TEST K : ALL REAR PARKING, LICENSE PLATE AND, IF EQUIPPED, EXTERIOR MIRROR, ROOF MARKER AND HIGH-MOUNTED STOPLAMP PARKING LAMPS ARE ALWAYS ON
B1446:11	Front Park Lamps Output: Circuit Short To Ground	GO to PINPOINT TEST B : ALL FRONT PARKING AND, IF EQUIPPED, FRONT SIDE FENDER MARKER, GRILLE MARKER AND REAR BED MARKER LAMPS ARE INOPERATIVE

B1446:15	Front Park Lamps Output: Circuit Short To Battery or Open	If the lamps are inoperative, GO to PINPOINT TEST B : ALL FRONT PARKING AND, IF EQUIPPED, FRONT SIDE FENDER MARKER, GRILLE MARKER AND REAR BED MARKER LAMPS ARE INOPERATIVE If the lamps are always on, GO to PINPOINT TEST C : ALL FRONT PARKING AND, IF EQUIPPED, FRONT SIDE FENDER MARKER, GRILLE MARKER AND REAR BED MARKER LAMPS ARE ALWAYS ON
B1447:11	Parklamp On Switch Input: Circuit Short to Ground	GO to PINPOINT TEST A : ALL THE PARKING LAMPS ARE ALWAYS ON
B149E:11	Left Front Position/Sidemarkers: Circuit Short To Ground	GO to PINPOINT TEST F : AN INDIVIDUAL FRONT SIDE MARKER LAMP IS INOPERATIVE OR ALWAYS ON - HALOGEN HEADLAMPS
B149E:15	Left Front Position/Sidemarkers: Circuit Short To Battery or Open	GO to PINPOINT TEST F : AN INDIVIDUAL FRONT SIDE MARKER LAMP IS INOPERATIVE OR ALWAYS ON - HALOGEN HEADLAMPS
B149F:11	Right Front Position/Sidemarkers: Circuit Short To Ground	GO to PINPOINT TEST F : AN INDIVIDUAL FRONT SIDE MARKER LAMP IS INOPERATIVE OR ALWAYS ON - HALOGEN HEADLAMPS
B149F:15	Right Front Position/Sidemarkers: Circuit Short To Battery or Open	GO to PINPOINT TEST F : AN INDIVIDUAL FRONT SIDE MARKER LAMP IS INOPERATIVE OR ALWAYS ON - HALOGEN HEADLAMPS
U1000:00	Solid State Driver Protection Active -Driver Disabled: No Sub Type Information	The module has temporarily disabled an output because an excessive current draw exists (such as a short to ground). The BCM cannot enable the output until the cause of the short is corrected. ADDRESS all other Diagnostic Trouble Codes (DTCs) first. After the cause of the concern is corrected, CLEAR the Diagnostic Trouble Codes (DTCs). REPEAT the self-test.