

Instrumentation, Message Center and Warning Chimes

DTC Chart: Instrument Panel Cluster (IPC)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

DTC	Description	Action <i>New: hover over Pinpoint Test links to show title</i>
P0381:01	Glow Plug/Heater Indicator Control Circuit/Open: General Electrical Failure	Click here to access Guided Routine (IPC).
P0460:11	Fuel Level Sensor "A" Circuit: Circuit Short To Ground	- For single fuel tank, GO to Pinpoint Test D - For dual fuel tanks, GO to Pinpoint Test E
P0460:13	Fuel Level Sensor "A" Circuit: Circuit Open	- For single fuel tank, GO to Pinpoint Test D - For dual fuel tanks, GO to Pinpoint Test E
P1243:06	Second Fuel Pump Fault or Ground Fault: Algorithm Based Failure	GO to Pinpoint Test E
P1346:11	Fuel Level Sensor "B" Circuit: Circuit Short To Ground	GO to Pinpoint Test E
P1346:13	Fuel Level Sensor "B" Circuit: Circuit Open	GO to Pinpoint Test E
P1534:01	Restraint Deployment Indicator Circuit: General Electrical Failure	GO to Pinpoint Test DF
P1706:00	High Vehicle Speed Observed in Park: No Sub Type Information	GO to Pinpoint Test AL
U0100:00	Lost Communication With ECM/PCM "A": No Sub Type Information	GO to Pinpoint Test CI
U0101:00	Lost Communication with TCM: No Sub Type Information	GO to Pinpoint Test CJ
U0102:00	Lost Communication with Transfer Case Control Module: No Sub Type Information	GO to Pinpoint Test CK
U0121:00	Lost Communication With Anti-Lock Brake System (ABS) Control Module: No Sub Type Information	GO to Pinpoint Test CL
U0131:00	Lost Communication With Power Steering Control Module "A": No Sub Type Information	GO to Pinpoint Test CM
U0137:00	Lost Communication With Trailer Brake Control Module: No Sub Type Information	GO to Pinpoint Test CN
U0140:00	Lost Communication With Body Control Module: No Sub Type Information	GO to Pinpoint Test CO
U0146:00	Lost Communication With Gateway "A": No Sub Type Information	GO to Pinpoint Test CP
U0151:00	Lost Communication With Restraints Control Module: No Sub Type Information	GO to Pinpoint Test CQ
U0159:00	Lost Communication With Parking Assist Control Module "A": No Sub Type Information	GO to Pinpoint Test CR
U0184:00	Lost Communication With Radio: No Sub Type Information	GO to Pinpoint Test CS
U0199:00	Lost Communication With Door Control Module "A": No Sub Type Information	GO to Pinpoint Test CT
U0212:00	Lost Communication With Steering Column Control Module: No Sub Type Information	GO to Pinpoint Test CU
U0232:00	Lost Communication With Side Obstacle Detection Control Module "A": No Sub Type Information	GO to Pinpoint Test CV
U0233:00	Lost Communication With Side Obstacle Detection Control Module "B": No Sub Type Information	GO to Pinpoint Test CV
U023A:00	Lost Communication With Image Processing Module A: No Sub Type Information	GO to Pinpoint Test CZ

DTC	Description	Action <i>New: hover over Pinpoint Test links to show title</i>
U0401:00	Invalid Data Received from ECM/PCM A: No Sub Type Information	GO to Pinpoint Test CI
U0401:81	Invalid Data Received from ECM/PCM A: Invalid Serial Data Received	GO to Pinpoint Test CI
U0401:82	Invalid Data Received from ECM/PCM A: Alive/Sequence Counter Incorrect/Not Updated	GO to Pinpoint Test CI
U0422:00	Invalid Data Received From Body Control Module: No Sub Type Information	GO to Pinpoint Test CO
U0422:55	Invalid Data Received From Body Control Module: Not Configured	GO to Pinpoint Test DA
U0428:82	Invalid Serial Data From Steering Angle Sensor Module: Alive/Sequence Counter Incorrect/Not Updated	GO to Pinpoint Test DB
U0452:81	Invalid Data Received From Restraints Control Module: Invalid Serial Data Received	GO to Pinpoint Test CQ
U0533:00	Invalid Data Received From Side Obstacle Detection Module "A": No Sub Type Information	GO to Pinpoint Test CV
U0533:56	Invalid Data Received From Side Obstacle Detection Control Module "A": Invalid/Incompatible Configuration	GO to Pinpoint Test CW
U0534:00	Invalid Data Received From Side Obstacle Detection Module "B": No Sub Type Information	GO to Pinpoint Test CV
U0534:56	Invalid Data Received From Side Obstacle Detection Control Module "B": Invalid/Incompatible Configuration	GO to Pinpoint Test CW
U053B:56	Invalid Data Received From Image Processing Module "A": Invalid/Incompatible Configuration	GO to Pinpoint Test CX
U0545:56	Invalid Data Received From Running Board Control Module "A": Invalid/Incompatible Configuration	GO to Pinpoint Test CY
U0557:00	Invalid Data Received From Front Controls Interface Module "A": No Sub Type Information	GO to Pinpoint Test DC
U0557:81	Invalid Data Received From Front Controls Interface Module "A": Invalid Serial Data Received	GO to Pinpoint Test DC
U0557:82	Invalid Data Received From Front Controls Interface Module "A": Alive/Sequence Counter Incorrect/Not Updated	GO to Pinpoint Test DC
U2100:00	Initial Configuration Not Complete: No Sub Type Information	GO to Pinpoint Test DD
U3000:41	Control Module: General Checksum Failure	GO to Pinpoint Test DE
U3000:42	Control Module: General Memory Failure	GO to Pinpoint Test DE
U3000:44	Control Module: Data Memory Failure	GO to Pinpoint Test DE
U3000:46	Control Module: Calibration/Parameter Memory Failure	GO to Pinpoint Test DE
U3000:54	Control Module: Missing Calibration	GO to Pinpoint Test DE
U3003:16	Battery Voltage: Circuit Voltage Below Threshold	GO to Pinpoint Test DH
U3003:17	Battery Voltage: Circuit Voltage Above Threshold	GO to Pinpoint Test DI
U300A:64	Ignition Switch: Signal Plausibility Failure	GO to Pinpoint Test DG

DTC Chart: Body Control Module (BCM)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
 REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

DTC	Description	Action <i>New: hover over Pinpoint Test links to show title</i>
B1048:01	Brake Fluid Level Switch: General Electrical Failure	GO to Pinpoint Test U

DTC	Description	Action <i>New: hover over Pinpoint Test links to show title</i>
B1048:7B	Brake Fluid Level Switch: Low Fluid Level	GO to Pinpoint Test U
B10F1:14	Key In Switch: Circuit Short To Ground or Open	- If the chime always sounds, GO to Pinpoint Test BT - If the chime never sounds, GO to Pinpoint Test CA
C1D00:11	Park Brake Apply Switch: Circuit Short To Ground	GO to Pinpoint Test U
All other DTCs	-	REFER to: Body Control Module (BCM) (419-10 Multifunction Electronic Modules, Diagnosis and Testing).

DTC Chart: Powertrain Control Module (PCM)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

DTC	Description	Action <i>New: hover over Pinpoint Test links to show title</i>
P0461	Fuel Level Sensor "A" Circuit Range/Performance	- For single fuel tank, GO to Pinpoint Test D - For dual fuel tanks, GO to Pinpoint Test E
P0462	Fuel Level Sensor "A" Circuit Low	- For single fuel tank, GO to Pinpoint Test D - For dual fuel tanks, GO to Pinpoint Test E
P0463	Fuel Level Sensor "A" Circuit High	- For single fuel tank, GO to Pinpoint Test D - For dual fuel tanks, GO to Pinpoint Test E
P0521	Engine Oil Pressure Sensor/Switch "A" Circuit Range/Performance	- For 6.2L, GO to Pinpoint Test AH - For 7.3L and 6.7L Diesel, GO to Pinpoint Test AI
P0522	Engine Oil Pressure Sensor/Switch "A" Circuit Low	- For 6.2L, GO to Pinpoint Test AH - For 7.3L and 6.7L Diesel, GO to Pinpoint Test AI
P0523	Engine Oil Pressure Sensor/Switch "A" Circuit High	- For 6.2L, GO to Pinpoint Test AH - For 7.3L and 6.7L Diesel, GO to Pinpoint Test AI
P0524	Engine Oil Pressure Too Low	- For 6.2L, GO to Pinpoint Test AH - For 7.3L and 6.7L Diesel, GO to Pinpoint Test AI
P1678	Low Oil Pressure Lamp Control Circuit	- For 6.2L, GO to Pinpoint Test AH - For 7.3L and 6.7L Diesel, GO to Pinpoint Test AI
P25B0	Fuel Level Sensor "A" Stuck	- For single fuel tank, GO to Pinpoint Test D - For dual fuel tanks, GO to Pinpoint Test E
All other DTCs	-	REFER to the appropriate 303-14 section.

DTC Chart: Steering Effort Control Module (SECM)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.

REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

DTC Chart - Steering Effort Control Module (SECM)

DTC	Description	Action <i>New: hover over Pinpoint Test links to show title</i>
C2003:11	Steering Wheel Switch Left Module: Circuit Short To Ground	GO to Pinpoint Test AX
B137F:11	Steering Wheel Left Switch Pack: Circuit Short To Ground	GO to Pinpoint Test AX
B137F:17	Steering Wheel Left Switch Pack: Circuit Voltage Above Threshold	GO to Pinpoint Test AX
B137F:2A	Steering Wheel Left Switch Pack: Signal Stuck In Range	GO to Pinpoint Test AX
B137F:4A	Steering Wheel Left Switch Pack: Incorrect Component Installed	GO to Pinpoint Test AX
All other DTCs	-	REFER to: Adaptive Steering (211-02 Power Steering, Diagnosis and Testing).

DTC Chart: Steering Column Control Module (SCCM)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.

REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

DTC	Description	Action <i>New: hover over Pinpoint Test links to show title</i>
B137F:09	Steering Wheel Left Switch Pack: Component Failure	GO to Pinpoint Test AW
B137F:11	Steering Wheel Left Switch Pack: Circuit Short To Ground	GO to Pinpoint Test AW
B137F:17	Steering Wheel Left Switch Pack: Circuit Voltage Above Threshold	GO to Pinpoint Test AW
All other DTCs	-	REFER to: Steering Wheel and Column Electrical Components (211-05 Steering Wheel and Column Electrical Components, Diagnosis and Testing).

Symptom Chart(s)

Symptom Chart: Instrument Panel Cluster (IPC)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.

REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

Condition	Possible Sources	Actions

Condition	Possible Sources	Actions
A module does not respond to the scan tool	• Fuse • Wiring, terminals or connectors • Communication concern • Module	REFER to: Communications Network (418-00 Module Communications Network, Diagnosis and Testing).
The IPC is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test A
Multiple gauges, indicators, RTT indicators, warnings and chimes are inoperative or always on	Refer to the Pinpoint Test	GO to Pinpoint Test A
A virtual gauge is inoperative (temperature, fuel, engine oil pressure, transmission temperature or turbo boost)	Refer to the Pinpoint Test	GO to Pinpoint Test B
Incorrect analog charging system gauge indication (base 2-inch IPC display only)	Refer to the Pinpoint Test	GO to Pinpoint Test C
Incorrect analog fuel gauge indication-single fuel tank	Refer to the Pinpoint Test	GO to Pinpoint Test D
Incorrect analog fuel gauge indication-dual fuel tanks	Refer to the Pinpoint Test	GO to Pinpoint Test E
The primary and secondary virtual fuel gauge display is inoperative (dual fuel tanks)	Refer to the Pinpoint Test	GO to Pinpoint Test B
Incorrect analog engine oil pressure gauge indication	Refer to the Pinpoint Test	GO to Pinpoint Test F
The speedometer is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test G
Incorrect speedometer indication	Refer to the Pinpoint Test	GO to Pinpoint Test H
The odometer is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test I
The tachometer is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test J
Incorrect tachometer indication	Refer to the Pinpoint Test	GO to Pinpoint Test K
The analog temperature gauge is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test L
Incorrect analog temperature gauge indication	Refer to the Pinpoint Test	GO to Pinpoint Test M
The analog transmission temperature gauge is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test N
Incorrect analog transmission temperature gauge indication	Refer to the Pinpoint Test	GO to Pinpoint Test O
The turbo boost gauge is inoperative (diesel only)	Refer to the Pinpoint Test	GO to Pinpoint Test P
A 4WD (4x4 low or 4x4 high) indicator is never or always on (electronic 4WD)	Refer to the Pinpoint Test	GO to Pinpoint Test Q
The ABS warning indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test R
The airbag warning indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test S
The auto high beam indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test BJ

Condition	Possible Sources	Actions
The brake warning indicator is never on	Refer to the Pinpoint Test	GO to Pinpoint Test T
The brake warning indicator is always on	Refer to the Pinpoint Test	GO to Pinpoint Test U
The charging system warning indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test V
The diesel exhaust fluid level indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test W
The DPF auto regen indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test X
The door ajar or hood ajar warning indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test Y
The ELD indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test Z
The engine brake indicator is never or always on (diesel only)	Refer to the Pinpoint Test	GO to Pinpoint Test AA
The engine over-temperature warning indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AB
The front fog lamp indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AF
The high beam indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AC
The hill descent indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AD
The LH- RH turn signal indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AF
The lights on indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AF
The low fuel indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AG
The low engine oil pressure warning indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AH
The MIL is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AJ
The powertrain malfunction (wrench) indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AK
The PRNDL indicator is never on or never displays P	Refer to the Pinpoint Test	GO to Pinpoint Test AL
The seatbelt warning indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AM
The selectable drive mode indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AN
The stability-traction control indicator (sliding car icon) is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AO
The stability-traction control disabled indicator (sliding car OFF icon) is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AP
The TPMS indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AQ
The tow haul indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AR
The wait to start indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AU

Condition	Possible Sources	Actions
The water in fuel indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AV

Symptom Chart: Information And Message Center Displays

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

Condition	Possible Sources	Actions
The message center is not operating correctly (without adaptive steering)	Refer to the Pinpoint Test	GO to Pinpoint Test AW
The message center is not operating correctly (with adaptive steering)	Refer to the Pinpoint Test	GO to Pinpoint Test AX
A virtual display is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test B
The compass is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test AY
The diesel exhaust fluid level gauge display is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test AZ
The DTE-Average Fuel Economy (AFE) display is inoperative	IPC	- CHECK the operation of the fuel gauge, the speedometer and the odometer. - If the fuel gauge does not operate correctly, GO to Pinpoint Test D - If the speedometer does not operate correctly, GO to Pinpoint Test G - If the odometer does not operate correctly, GO to Pinpoint Test I - If the speedometer, the fuel gauge and the odometer operate correctly, Click here to access Guided Routine (IPC).
The DTE display is incorrect or fluctuates	Refer to the Pinpoint Test	GO to Pinpoint Test BA
The digital speedometer displays the incorrect speed	Refer to the Pinpoint Test	DIAGNOSE the speedometer. GO to Pinpoint Test G
The engine hours and engine idle hours display is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test BB
The engine oil temperature display is inoperative (diesel only)	Refer to the Pinpoint Test	GO to Pinpoint Test BC
The forward collision alert display is inoperative	Collision avoidance system concern	DIAGNOSE the collision avoidance system concern. REFER to: Collision Warning and Collision Avoidance System (419-03C Collision Warning and Collision Avoidance System, Diagnosis and Testing).
The lane departure display is inoperative	Lane departure warning system concern	DIAGNOSE the lane keeping aid or lane keeping alert doesn't turn on or activate. REFER to: Lane Keeping System (419-07 Lane Keeping System, Diagnosis and Testing).
The off road display is inoperative (mid-level and high-level IPC only)	Refer to the Pinpoint Test	GO to Pinpoint Test BD
The outside air temperature display is incorrect or inoperative (displayed in the FCIM)	Refer to the Pinpoint Test	GO to Pinpoint Test BE
The progressive range select/SelectShift [®] indicator is never on	Refer to the Pinpoint Test	DIAGNOSE the PRNDL indicator. GO to Pinpoint Test AL

Condition	Possible Sources	Actions
The TPMS display does not show all tire pressures or is inoperative.	TPMS RTT indicator concern	• VERIFY the message center is set to display the TPMS tire pressures. REFER to the Owner's Literature for message center navigation. • If the message center is set to display the tire pressures, DIAGNOSE the TPMS indicator or TPMS RTT indicator. GO to Pinpoint Test AQ • If the message center is not set to display the TPMS tire pressures, EXPLAIN to the customer how to navigate the message center menu to display the TPMS tire pressures.
The trailer information display is inoperative (mid-level and high-level IPC only)	Refer to the Pinpoint Test	GO to Pinpoint Test BF
The trailer lighting display is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test BG
The trailer TPMS display does not show all tire pressures or is inoperative.	Refer to the Pinpoint Test	GO to Pinpoint Test BH

Symptom Chart: Information And Message Center - RTT Indicators

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

Condition	Possible Sources	Actions
A 4WD (4x2, 4x4 low or 4x4 high) RTT indicator is never or always on (electronic 4WD)	Refer to the Pinpoint Test	GO to Pinpoint Test Q
The adaptive steering RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test BI
The auto high beam RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test BJ
The BLIS off RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test BK
The charging system RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test V
The cruise control RTT indicator or ACC RTT indicator is never on	Refer to the Pinpoint Test	GO to Pinpoint Test BL
The diesel exhaust fluid level RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test W
The DPF auto regeneration RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test X
The door ajar, hood or tailgate ajar RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test Y
The ELD RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test Z
The engine brake RTT indicator is never or always on (diesel only)	Refer to the Pinpoint Test	GO to Pinpoint Test AA
The engine over-temperature RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AB
The front fog lamp RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AF
The high beam RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AC

Condition	Possible Sources	Actions
The hill descent RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AD
The lane keep assist or lane departure warning RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AE
The LH- RH turn signal RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AF
The lights on RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AF
The low fuel RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AG
The low engine oil pressure RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AH
The low washer fluid level RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test BM
The overspeed warning RTT indicator is never or always on (Gulf Cooperative Countries)	Refer to the Pinpoint Test	GO to Pinpoint Test BN
The powertrain malfunction (wrench) RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AK
The progressive range select/SelectShift [®] indicator is never on	Refer to the Pinpoint Test	DIAGNOSE the PRNDL indicator. GO to Pinpoint Test AL
The selectable drive mode RTT indicators are never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AN
The stability-traction control RTT indicator (sliding car icon) is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AO
The stability-traction control disabled RTT indicator (sliding car OFF icon) is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AP
The TPMS RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AQ
The tow haul RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AR
The trail control RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AS
The upshift RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AT
The water in fuel RTT indicator is never or always on	Refer to the Pinpoint Test	GO to Pinpoint Test AV

Symptom Chart: Information And Message Center - Warning Messages

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

Condition	Possible Sources	Actions
The 4WD fault message is always displayed	4WD concern	DIAGNOSE the 4WD system. REFER to the appropriate 308-07 section.
An automatic engine idle message is never or always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BP

Condition	Possible Sources	Actions
An ACC message is never displayed	• Message center concern • ACC concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the ACC RTT indicator. GO to Pinpoint Test BL
A BLIS/ CTA fault message is always displayed	BLIS/ CTA system concern	DIAGNOSE the BLIS/ CTA system. REFER to: Blind Spot Information System (419-04 Side and Rear Vision, Diagnosis and Testing).
A brake warning (brake fluid level low, parking brake applied or brake system malfunction) message is never or always displayed	• Message center concern • Brake warning indication concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly and the brake warning indicator is never on, GO to Pinpoint Test T • If the driver door ajar message functions correctly and the brake warning indicator is always on, GO to Pinpoint Test U
A brake applied-power reduced message is never or always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BO
The charging system warning message is never or always displayed	• Message center concern • Charging system warning indication concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the charging system warning indicator or charging system RTT indicator. GO to Pinpoint Test V
The check fuel fill inlet message is always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BO
The check lock differential message is always displayed	• Message center concern • ELD system concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the ELD indicator or RTT indicator. GO to Pinpoint Test Z
The check parking aid message is always displayed	• Message center concern • Parking aid system concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the parking aid system. REFER to: Parking Aid (413-13A Parking Aid, Diagnosis and Testing).
A DPF cleaning or auto regeneration off message is never or always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BP
The diesel exhaust fluid level contaminated or diesel exhaust fluid level fault message is always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BP

Condition	Possible Sources	Actions
The diesel exhaust over-temperature message is always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BP
The diesel low fuel pressure message is never or always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BP
The diesel reduced engine power message is always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BP
A door ajar, hood or tailgate ajar message is never or always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test Y
The engine oil change message is never displayed	• Message center concern • The PCM has not reached the programmed mileage/time based on the criteria required to display the message.	NOTE: Using the system check in the message center, verify that the oil life is between 1 and 5% for the CHANGE ENGINE OIL SOON message or at 0% for the OIL CHANGE REQUIRED message. • OPEN then CLOSE the driver door and VERIFY the driver door ajar message functions correctly. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly with the oil life between 0-5%, Click here to access Guided Routine (IPC). • If the driver door ajar message functions correctly with the oil life not at the specified value, INFORM the customer how the message center functions and how the oil life messages are set.
The engine oil change message is always displayed	Refer to the Pinpoint Test	GO to Pinpoint Test BQ
The engine on warning message is always displayed	• Message center concern • Ignition-engine on warning chime concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the ignition-engine on warning chime. GO to Pinpoint Test BZ
The engine over-temperature warning message is never or always displayed	• Message center concern • Engine over-temperature indication concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the engine over-temperature warning indicator or engine over-temperature RTT indicator. GO to Pinpoint Test AB
The factory or transport mode message is always displayed	Vehicle is in factory or transport mode	PLACE the vehicle in normal operation mode. REFER to: Factory Mode Deactivation (419-10 Multifunction Electronic Modules, General Procedures). or REFER to: Transport Mode Deactivation (419-10 Multifunction Electronic Modules, General Procedures).

Condition	Possible Sources	Actions
A forward collision warning message is always displayed	• Message center concern • Forward collision concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the forward collision warning system. REFER to: Collision Warning and Collision Avoidance System (419-03C Collision Warning and Collision Avoidance System, Diagnosis and Testing).
A front camera fault message is always displayed	Front camera concern	DIAGNOSE the front camera. REFER to: Lane Keeping System (419-07 Lane Keeping System, Diagnosis and Testing).
The hill descent control malfunction message is always displayed	Hill descent control feature concern	DIAGNOSE the transmission and hill descent control feature. REFER to: Diagnosis By Symptom (307-01A Automatic Transmission, Transfer Case and Power Transfer Unit - 6-Speed Automatic Transmission â€“ 6R100, Diagnosis and Testing). or REFER to: Diagnosis By Symptom (307-01B Automatic Transmission, Transfer Case and Power Transfer Unit - 10-Speed Automatic Transmission â€“ 10R140, Diagnosis and Testing).
The hill start assist not available message is always displayed	Hill start assist feature concern	DIAGNOSE the hill start assist feature. REFER to: Anti-Lock Brake System (ABS) and Stability Control (206-09 Anti-Lock Brake System (ABS) and Stability Control, Diagnosis and Testing).
The lane keeping alert system warning message (keep hands on wheel) is never or always displayed	• Message center concern • Lane keeping alert warning chime concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the lane keeping alert warning chime. GO to Pinpoint Test CB
A lane keeping aid warning system fault message is always displayed	Lane departure warning system concern	DIAGNOSE the lane keeping aid system. REFER to: Lane Keeping System (419-07 Lane Keeping System, Diagnosis and Testing).
A load shed warning message is always displayed	• Message center concern • Charging system indication concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the charging system warning indicator or charging system RTT indicator. GO to Pinpoint Test V
A low fuel level warning message is always displayed	• Message center concern • Fuel system concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the low fuel level warning indicator or RTT indicator. GO to Pinpoint Test AG

Condition	Possible Sources	Actions
A MyKey® menu is not available or incorrect	- MyKey® programmed key in use - Number of keys set to unlimited mode - Non-Ford approved remote start system installed	NOTE: MyKey® may not be compatible with non-Ford approved remote start systems. REFER to the Owner's Literature.
The neutral tow disabled message is never or always displayed	- Message center concern 4WD concern	- OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. - If the driver door ajar message does not function correctly, GO to Pinpoint Test Y - If the driver door ajar message functions correctly, DIAGNOSE the charging system warning indicator or charging system RTT indicator. GO to Pinpoint Test VDIAGNOSE the 4WD indicators or RTT indicators. GO to Pinpoint Test Q
A passive key status (no key detected, key inside vehicle, key not inside vehicle or place key in keyholder) message is always displayed (push button start)	- Message center concern - Passive key concern	- OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. - If the driver door ajar message does not function correctly, GO to Pinpoint Test Y - If the driver door ajar message functions correctly, REFER to: Locks, Latches and Entry Systems (501-14 Handles, Locks, Latches and Entry Systems, Diagnosis and Testing).
The perimeter alarm message is always displayed	- Message center concern - Perimeter alarm concern	- OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. - If the driver door ajar message does not function correctly, GO to Pinpoint Test Y - If the driver door ajar message functions correctly, REFER to: Perimeter Anti-Theft Alarm (419-01A Perimeter Anti-Theft Alarm, Diagnosis and Testing).
The PRNDL not in park (shift to park) message is always displayed	- Message center concern - PRNDL not in park warning chime concern	- OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. - If the driver door ajar message does not function correctly, GO to Pinpoint Test Y - If the driver door ajar message functions correctly, DIAGNOSE the PRNDL. GO to Pinpoint Test AL
The service AdvanceTrac® malfunction warning is always displayed	- Message center concern - Stability-traction control indication concern	- OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. - If the driver door ajar message does not function correctly, GO to Pinpoint Test Y - If the driver door ajar message functions correctly, DIAGNOSE the stability-traction control warning indicator or stability-traction control RTT indicator. GO to Pinpoint Test AO

Condition	Possible Sources	Actions
The tire training complete message is never on	TPMS sensor training incomplete	NOTE: This message only appears during the TPMS sensor training procedure. CARRY OUT the TPMS sensor training. REFER to: Tire Pressure Monitoring System (TPMS) Sensor Location Calibration (204-04B Tire Pressure Monitoring System (TPMS), General Procedures).
A TPMS malfunction message is never or always on	- Message center concern - TPMS warning indication concern	- OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. - If the driver door ajar message does not function correctly, GO to Pinpoint Test Y - If the driver door ajar message functions correctly, DIAGNOSE the TPMS warning indicator or TPMS RTT indicator. GO to Pinpoint Test AQ
A tire training message (train left front, right front, left rear or right rear tire) message is never on	- TPMS warning indicator concern - TPMS sensor training concern	NOTE: These messages only appear during the TPMS sensor training procedure. - VERIFY the TPMS warning indicator functions. - If the TPMS warning indicator does not operate, GO to Pinpoint Test AQ - If the Tire TPMS warning indicator operates, CARRY OUT the TPMS sensor training. REFER to: Tire Pressure Monitoring System (TPMS) Sensor Location Calibration (204-04B Tire Pressure Monitoring System (TPMS), General Procedures).
The tires not trained message is always on	TPMS sensor training concern	- This message only appears during the TPMS sensor training procedure. - CARRY OUT the TPMS sensor training. REFER to: Tire Pressure Monitoring System (TPMS) Sensor Location Calibration (204-04B Tire Pressure Monitoring System (TPMS), General Procedures).
The trailer brake module fault message is always displayed	Trailer brake module concern	DIAGNOSE the trailer braking system. REFER to: Auxiliary Brake System - Vehicles With: Trailer Brake Control (206-10 Auxiliary Brake System, Diagnosis and Testing).
The trailer connected message is displayed when a trailer is not connected	- Trailer brake concern - Trailer electrical concern	DIAGNOSE the trailer connected message is falsely displayed. REFER to: Auxiliary Brake System - Vehicles With: Trailer Brake Control (206-10 Auxiliary Brake System, Diagnosis and Testing).
A trailer electrical warning message is always displayed	- Message center concern - Trailer electrical concern	- OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. - If the driver door ajar message does not function correctly, GO to Pinpoint Test Y - If the driver door ajar message functions correctly, DIAGNOSE the trailer lighting. REFER to: Trailer Lamps (417-01 Exterior Lighting, Diagnosis and Testing).
A trailer TPMS message is never or always on	- Message center concern - Trailer TPMS display concern	- OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. - If the driver door ajar message does not function correctly, GO to Pinpoint Test Y - If the driver door ajar message functions correctly, DIAGNOSE the trailer TPMS display. GO to Pinpoint Test BH

Condition	Possible Sources	Actions
A vehicle starting/ignition status (press brake to start or switch ignition off press power) message is always on	• Message center concern • Push button start concern	• OPEN then CLOSE the driver door and VERIFY the driver door ajar message displays correctly with the door open and closed. • If the driver door ajar message does not function correctly, GO to Pinpoint Test Y • If the driver door ajar message functions correctly, DIAGNOSE the ignition/starting system concern. REFER to: Steering Wheel and Column Electrical Components (211-05 Steering Wheel and Column Electrical Components, Diagnosis and Testing).

Symptom Chart: Warning Chimes

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

Condition	Possible Sources	Actions
The adaptive cruise control warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test BR
The airbag secondary warning chime is inoperative	• Normal condition • IPC	• Using a diagnostic scan tool, PERFORM the IPC self-test. • If DTC P1534:01 is present, Click here to access Guided Routine (IPC). • If DTC P1534:01 is not present, the system is operating correctly. The airbag secondary warning chime sounds only when a fault in the airbag warning indicator is present and DTC P1534:01 is recorded.
The airbag secondary warning chime has activated	IPC	• Click here to access Guided Routine (IPC).
The Belt-Minder® feature is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CG
The Belt-Minder® cannot be deactivated	MyKey® programmed key in use	The system is operating correctly. Use an administrator key to disable the Belt-Minder®.
The CTA warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test BS
All the chimes are inoperative	IPC	GO to Pinpoint Test A
The chime always sounds	Refer to the Pinpoint Test	GO to Pinpoint Test BT
The chime only sounds from the IPC	Refer to the Pinpoint Test	GO to Pinpoint Test BU
The diesel exhaust fluid level warning chime never or always sounds	Refer to the Pinpoint Test	GO to Pinpoint Test BV
The diesel exhaust over-temperature warning chime always sounds	Refer to the Pinpoint Test	GO to Pinpoint Test BW
The door ajar warning chime is inoperative	• Door ajar indication concern • IPC	• With the ignition OFF, the headlamps in the PARKING LAMPS position and the doors closed, OPEN the driver door and VERIFY the headlamps on warning chime sounds. • If the headlamps on chime sounds, DIAGNOSE the door ajar warning indicator or door ajar RTT indicator. GO to Pinpoint Test Y • If the headlamps on chime does not sound, GO to Pinpoint Test A

Condition	Possible Sources	Actions
The forward collision warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test BX
The headlamps on warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test BY
The ignition-engine on warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test BZ
The key-in-ignition warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CA
The lane keeping alert warning chime is inoperative	Refer to the Pinpoint Test	NOTE: The lane keeping aid warning chime only sounds to alert the driver that they have their hands off the steering wheel. Normal alerting is done through steering wheel vibrations, which cannot be felt when the driver's hands are not on the steering wheel. GO to Pinpoint Test CB
The lane keeping alert warning chime sounds with the hands on the steering wheel	Road conditions	Certain road conditions could lead to false activation of the chime. REFER to: Lane Keeping System (419-07 Lane Keeping System, Diagnosis and Testing).
The memory-stored feedback warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CC
The message center warning chime is inoperative	- No warnings present - IPC	- With all the doors closed and the ignition OFF, PLACE the ignition ON. Once the IPC has completed the prove-out, OPEN the driver door and VERIFY the message center displays the door ajar RTT indicator and the chime sounds once. - If the chime sounds, the system is operating correctly. The message center warning chime only sounds when a new warning is displayed in the message center. - If the door ajar message does not display, GO to Pinpoint Test Y - If the door ajar message displays and the chime does not sound, GO to Pinpoint Test A
The parking aid chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CD
The parking brake warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CE
The perimeter alarm chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CF
The PRNDL not in park warning chime is inoperative	- PRNDL indication concern - IPC	- With the ignition OFF, the headlamps in the PARKING LAMPS position and the doors closed, OPEN the driver door and VERIFY the headlamps on warning chime sounds. - If the headlamps on chime sounds, DIAGNOSE the PRNDL indicator. GO to Pinpoint Test AL - If the headlamps on chime does not sound, GO to Pinpoint Test A
The seatbelt warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CG
The service AdvanceTrac® chime is inoperative	- Stability-traction control concern - IPC	- With the ignition OFF, the headlamps in the PARKING LAMPS position and the doors closed, OPEN the driver door and VERIFY the headlamps on warning chime sounds. - If the headlamps on chime sounds, DIAGNOSE the stability-traction control indicator or stability-traction control RTT indicator. GO to Pinpoint Test AO - If the headlamps on chime does not sound, Click here to access Guided Routine (IPC).
The turn signal-hazard on warning chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CH
The turn signal left on chime is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test CH

- ☐ PINPOINT TEST A : THE IPC (INSTRUMENT PANEL CLUSTER) IS INOPERATIVE/MULTIPLE GAUGES, INDICATORS, RTT (RECONFIGURABLE TELLTALE) INDICATORS, WARNINGS AND CHIMES ARE INOPERATIVE OR ALWAYS ON
- ☐ PINPOINT TEST B : A VIRTUAL GAUGE IS INOPERATIVE (ENGINE TEMPERATURE, FUEL, ENGINE OIL PRESSURE, TRANSMISSION TEMPERATURE OR TURBO BOOST)
- ☐ PINPOINT TEST C : INCORRECT ANALOG CHARGING SYSTEM GAUGE INDICATION (BASE 2-INCH DISPLAY IPC (INSTRUMENT PANEL CLUSTER) ONLY)
- ☐ PINPOINT TEST D : INCORRECT FUEL GAUGE INDICATION-SINGLE FUEL TANK
- ☐ PINPOINT TEST E : INCORRECT FUEL GAUGE INDICATION-DUAL FUEL TANKS
- ☐ PINPOINT TEST F : INCORRECT ANALOG ENGINE OIL PRESSURE GAUGE INDICATION
- ☐ PINPOINT TEST G : THE SPEEDOMETER IS INOPERATIVE
- ☐ PINPOINT TEST H : INCORRECT SPEEDOMETER INDICATION
- ☐ PINPOINT TEST I : THE ODOMETER IS INOPERATIVE
- ☐ PINPOINT TEST J : THE TACHOMETER IS INOPERATIVE
- ☐ PINPOINT TEST K : INCORRECT TACHOMETER INDICATION
- ☐ PINPOINT TEST L : THE ANALOG TEMPERATURE GAUGE IS INOPERATIVE
- ☐ PINPOINT TEST M : INCORRECT ANALOG TEMPERATURE GAUGE INDICATION
- ☐ PINPOINT TEST N : THE ANALOG TRANSMISSION TEMPERATURE GAUGE IS INOPERATIVE
- ☐ PINPOINT TEST O : INCORRECT TRANSMISSION ANALOG TEMPERATURE GAUGE INDICATION
- ☐ PINPOINT TEST P : THE TURBO BOOST GAUGE IS INOPERATIVE (DIESEL ONLY)
- ☐ PINPOINT TEST Q : THE 4X2, 4X4 LOW OR 4X4 HIGH INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON (ELECTRONIC 4WD (FOUR-WHEEL DRIVE))
- ☐ PINPOINT TEST R : THE ABS (ANTI-LOCK BRAKE SYSTEM) WARNING INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST S : THE AIRBAG WARNING INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST T : THE BRAKE WARNING INDICATOR IS NEVER ON

☐ PINPOINT TEST U : THE BRAKE WARNING INDICATOR IS ALWAYS ON

☐ PINPOINT TEST V : THE CHARGING SYSTEM WARNING INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST W : THE DIESEL EXHAUST FLUID LEVEL INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST X : THE DPF (DIESEL PARTICULATE FILTER) AUTO REGEN RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST Y : THE DOOR AJAR, HOOD AJAR OR TAILGATE AJAR WARNING INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST Z : THE ELD (ELECTRONIC LOCKING DIFFERENTIAL) INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AA : THE ENGINE BRAKE INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AB : THE ENGINE OVER-TEMPERATURE WARNING INDICATOR OR RTT (RECONFIGURABLE TELLTALE) WARNING INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AC : THE HIGH BEAM INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AD : THE HILL DESCENT INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AE : THE LANE KEEPING SYSTEM RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AF : THE LH (LEFT-HAND) - RH (RIGHT-HAND) TURN SIGNAL, FRONT FOG LAMP OR LIGHTS ON INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AG : THE LOW FUEL WARNING INDICATOR OR RTT (RECONFIGURABLE TELLTALE) WARNING INDICATOR IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AH : THE LOW OIL PRESSURE WARNING INDICATOR OR RTT (RECONFIGURABLE TELLTALE) WARNING INDICATOR IS NEVER OR ALWAYS ON (6.2L ENGINE)

☐ PINPOINT TEST AI : THE LOW ENGINE OIL PRESSURE WARNING INDICATOR IS NEVER OR ALWAYS ON (7.3L, 6.7L DIESEL)

☐ PINPOINT TEST AJ : THE MIL (MALFUNCTION INDICATOR LAMP) IS NEVER OR ALWAYS ON

☐ PINPOINT TEST AK : THE POWERTRAIN MALFUNCTION (WRENCH) INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON

- ☐ PINPOINT TEST AL : THE PRNDL, SELECTSHIFT® OR RANGE SELECT INDICATOR IS NEVER ON OR NEVER DISPLAYS P
- ☐ PINPOINT TEST AM : THE SEATBELT WARNING INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AN : THE SELECTABLE DRIVE MODE (NORMAL, ECO, SLIPPERY, DEEP SAND/SNOW, ROCK CRAWL) INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS INOPERATIVE OR DISPLAYS INCORRECT FEATURES
- ☐ PINPOINT TEST AO : THE STABILITY-TRACTION CONTROL INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR (SLIDING CAR ICON) IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AP : THE STABILITY-TRACTION CONTROL DISABLED INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR (SLIDING CAR OFF ICON) IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AQ : THE TPMS (TIRE PRESSURE MONITORING SYSTEM) INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AR : THE TOW HAUL MODE INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AS : THE TRAIL CONTROL RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AT : THE UPSHIFT RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AU : THE WAIT TO START INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AV : THE WATER IN FUEL INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST AW : THE MESSAGE CENTER IS NOT OPERATING CORRECTLY (WITHOUT ADAPTIVE STEERING)
- ☐ PINPOINT TEST AX : THE MESSAGE CENTER IS NOT OPERATING CORRECTLY (WITH ADAPTIVE STEERING)
- ☐ PINPOINT TEST AY : THE COMPASS IS INOPERATIVE
- ☐ PINPOINT TEST AZ : THE DIESEL EXHAUST FLUID LEVEL GAUGE DISPLAY IS INOPERATIVE
- ☐ PINPOINT TEST BA : THE DTE (DISTANCE TO EMPTY) DISPLAY IS INCORRECT OR FLUCTUATES
- ☐ PINPOINT TEST BB : THE ENGINE HOURS AND ENGINE IDLE HOURS DISPLAY IS INOPERATIVE
- ☐ PINPOINT TEST BC : THE ENGINE OIL TEMPERATURE DISPLAY IS INOPERATIVE

- ☐ PINPOINT TEST BD : THE OFF ROAD DISPLAY IS INOPERATIVE (MID-LEVEL 4-INCH DISPLAY AND HIGH-LEVEL 8-INCH DISPLAY IPC (INSTRUMENT PANEL CLUSTER) ONLY)
- ☐ PINPOINT TEST BE : THE OUTSIDE AIR TEMPERATURE DISPLAY IS INOPERATIVE OR INCORRECT (DISPLAYED IN THE FCIM (FRONT CONTROLS INTERFACE MODULE).)
- ☐ PINPOINT TEST BF : THE TRAILER INFORMATION DISPLAY IS INOPERATIVE (MID-LEVEL 4-INCH DISPLAY AND HIGH-LEVEL 8-INCH DISPLAY IPC (INSTRUMENT PANEL CLUSTER) ONLY)
- ☐ PINPOINT TEST BG : THE TRAILER LIGHTING DISPLAY IS INOPERATIVE
- ☐ PINPOINT TEST BH : THE TRAILER TPMS (TIRE PRESSURE MONITORING SYSTEM) DISPLAY IS INOPERATIVE
- ☐ PINPOINT TEST BI : THE ADAPTIVE STEERING RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST BJ : THE AUTO HIGH BEAM INDICATOR OR RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST BK : THE BLIS (BLIND SPOT INFORMATION SYSTEM) OFF RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST BL : THE CRUISE CONTROL RTT (RECONFIGURABLE TELLTALE) INDICATOR OR ACC (ADAPTIVE CRUISE CONTROL) RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER ON
- ☐ PINPOINT TEST BM : THE LOW WASHER FLUID LEVEL RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON
- ☐ PINPOINT TEST BN : THE OVERSPEED WARNING RTT (RECONFIGURABLE TELLTALE) INDICATOR IS NEVER OR ALWAYS ON (GULF COOPERATIVE COUNTRIES [GCC])
- ☐ PINPOINT TEST BO : THE BRAKE APPLIED - POWER REDUCED MESSAGE OR THE CHECK FUEL FILL INLET MESSAGE IS NEVER OR ALWAYS DISPLAYED
- ☐ PINPOINT TEST BP : THE AUTOMATIC ENGINE IDLE SHUTDOWN, AUTO REGENERATION OFF , DIESEL EXHAUST FLUID LEVEL, DIESEL EXHAUST OVER-TEMPERATURE, DPF (DIESEL PARTICULATE FILTER) CLEANING, DIESEL LOW FUEL PRESSURE, DIESEL REDUCED ENGINE POWER MESSAGE IS NEVER OR ALWAYS DISPLAYED
- ☐ PINPOINT TEST BQ : THE ENGINE OIL CHANGE MESSAGE ALWAYS DISPLAYED
- ☐ PINPOINT TEST BR : THE ADAPTIVE CRUISE CONTROL WARNING CHIME IS INOPERATIVE
- ☐ PINPOINT TEST BS : THE CTA (CROSS TRAFFIC ALERT) WARNING CHIME IS INOPERATIVE
- ☐ PINPOINT TEST BT : THE CHIME ALWAYS SOUNDS
- ☐ PINPOINT TEST BU : THE CHIME ONLY SOUNDS FROM THE IPC (INSTRUMENT PANEL CLUSTER)

☐ [PINPOINT TEST BV : THE DIESEL EXHAUST FLUID LEVEL WARNING CHIME NEVER OR ALWAYS SOUNDS](#)

☐ [PINPOINT TEST BW : THE DIESEL EXHAUST OVER-TEMPERATURE WARNING CHIME ALWAYS SOUNDS](#)

☐ [PINPOINT TEST BX : THE FORWARD COLLISION WARNING CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST BY : THE HEADLAMPS ON WARNING CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST BZ : THE IGNITION-ENGINE ON WARNING CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST CA : THE KEY-IN-IGNITION WARNING CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST CB : THE LANE KEEPING ALERT WARNING CHIME IS INOPERATIVE](#)

The Memory-Stored Feedback Chime Is Inoperative

Normal Operation and Fault Conditions

See Memory-Stored Feedback Chime.

REFER to: Warning Chimes - System Operation and Component Description (413-01 Instrumentation, Message Center and Warning Chimes, Description and Operation).

Possible Sources

-
- DSM
- IPC

☐ [PINPOINT TEST CC : THE MEMORY-STORED FEEDBACK CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST CD : THE PARKING AID CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST CE : THE PARKING BRAKE WARNING CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST CF : THE PERIMETER ALARM CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST CG : THE SEATBELT WARNING CHIME OR THE BELT-MINDER® FEATURE IS INOPERATIVE](#)

☐ [PINPOINT TEST CH : THE TURN SIGNAL-HAZARD ON CHIME OR TURN SIGNAL LEFT ON CHIME IS INOPERATIVE](#)

☐ [PINPOINT TEST CI : U0100:00, U0401:00, U0401:81 OR U0401:82](#)

☐ [PINPOINT TEST CJ : U0101:00](#)

☐ [PINPOINT TEST CK : U0102:00](#)

☐ [PINPOINT TEST CL : U0121:00](#)

☐ [PINPOINT TEST CM : U0131:00](#)

☐ [PINPOINT TEST CN : U0137:00](#)

☐ [PINPOINT TEST CO : U0140:00 OR U0422:00](#)

☐ [PINPOINT TEST CP : U0146:00](#)

☐ [PINPOINT TEST CQ : U0151:00 OR U0452:81](#)

☐ [PINPOINT TEST CR : U0159:00](#)

☐ [PINPOINT TEST CS : U0184:00](#)

☐ [PINPOINT TEST CT : U0199:00](#)

☐ [PINPOINT TEST CU : U0212:00](#)

☐ [PINPOINT TEST CV : U0232:00, U0233:00, U0533:00 OR U0534:00](#)

☐ [PINPOINT TEST CW : U0533:56 OR U0534:56](#)

☐ [PINPOINT TEST CX : U053B:56](#)

☐ [PINPOINT TEST CY : U0545:56](#)

☐ [PINPOINT TEST CZ : U023A:00](#)

☐ [PINPOINT TEST DA : U0422:55](#)

☐ [PINPOINT TEST DB : U0428:82](#)

☐ [PINPOINT TEST DC : U0557:00, U0557:81 OR U0557:82](#)

☐ [PINPOINT TEST DD : U2100:00](#)

☐ [PINPOINT TEST DE : U3000:41, U3000:42, U3000:44, U3000:46 OR U3000:54](#)

☐ [PINPOINT TEST DF : P1534:01](#)

☐ [PINPOINT TEST DG : U300A:64](#)

☐ [PINPOINT TEST DH : U3003:16](#)

☐ [PINPOINT TEST DI : U3003:17](#)

mcx30.com