DIAGNOSIS AND TESTING > PARKING AID > DTC CHART: PAM

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

PAM DTC Chart

DTC	Description	Action
B129C:12	Left Front Side Sensor: Circuit Short To Battery	GO to Pinpoint Test A
B129C:14	Left Front Side Sensor: Circuit Short To Ground or Open	GO to Pinpoint Test B
B129C:96	Left Front Side Sensor: Component Internal Failure	GO to Pinpoint Test C
B129D:12	Right Front Side Sensor: Circuit Short To Battery	GO to Pinpoint Test A
B129D:14	Right Front Side Sensor: Circuit Short To Ground or Open	GO to Pinpoint Test B
B129D:96	Right Front Side Sensor: Component Internal Failure	GO to Pinpoint Test C
B129E:11	Enable/Disable Switch - Semi-automatic Advanced Parallel Park: Circuit Short To Ground	GO to Pinpoint Test D
All other PAM Diagnostic Trouble Codes (DTCs)	-	REFER to: Parking Aid .

DIAGNOSIS AND TESTING > PARKING AID > SYMPTOM CHART(S)

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

Symptom Chart: Active Park Assist

Condition	Possible Sources	Actions
A module does not communicate with the diagnostic scan tool	Fuse Wiring, terminals or connectors Module	REFER to: Communications Network .
The active park assist system does not respond when the active park assist switch is pressed	Refer to the Pinpoint Test	GO to Pinpoint Test D
The centerstack infotainment display shows an active park	Refer to the Pinpoint Test	GO to Pinpoint Test E

mcx30.com

assist fault message		
The centerstack infotainment display shows an active park assist not available message	AdvanceTrac ® was off when the system was activated An ABS or AdvanceTrac ® event was in progress when the system was activated	The active park assist system is not available if the AdvanceTrac ® is off, if an ABS or AdvanceTrac ® event is in progress when the system is being activated by the driver.
The active park assist system does not position the vehicle correctly	Active park assist sensor(s) locked into the bumper incorrectly	REMOVE and correctly INSTALL the active park assist sensor(s) as necessary.
	Dirty or iced over active park assist sensor(s)	CLEAN the bumper covers and active park assist sensors with high-pressure water.
	Active park assist sensors affected by sudden change in ambient air temperature	The temperature of the air around the vehicle can change rapidly, such as the vehicle being driven into a parking garage or car wash. As a result, the air temperature displayed in the vehicle may not be close enough to the actual ambient air temperature. The active park assist system relies on accurately sensing the ambient air temperature to compensate the sensors. No action is required.
	The tires are not inflated to the correct pressure, the tires are not the same size or the tires are not the OE (original equipment) size.	INSPECT the tire condition, pressure and size. A considerably worn tire positions the vehicle far from the curb. A larger size tire positions the vehicle closer to the curb. REPAIR or REPLACE tire(s) as necessary.
	The driver did not wait for steering to finish rotating before moving vehicle	INFORM the customer to allow for the steering wheel to complete its rotation before moving the vehicle after a gear change
	The driver allowed the vehicle to roll in the opposite direction of the transmission, such as rolling forward when the reverse gear is selected	INFORM the customer not to allow the vehicle to roll in the opposite direction when operating the active park assist system. REFER to the Owner's Literature.
	An irregular curb is present along the parking space	The system may not be able to align the vehicle to curbs that are damaged, very shallow or covered by debris. If this is the circumstance, the system aligns the vehicle relative to objects

mk30.com