

SPECIFICATIONS > SPECIFICATIONS

General Specifications

Item	Specification
Active park assist sensor azimuth system check object position 1 (P1) distance from sensor	50 cm (20 in) $\pm$ 10 cm (4 in)
Active park assist sensor azimuth system check object position 2 (P2) and position 3 (P3) distance from sensor	391 cm (154 in) $\pm$ 20 cm (8 in)

DESCRIPTION AND OPERATION > PARKING AID - OVERVIEW > ACTIVE PARK ASSIST

The active park assist system is a supplementary parking system that assists the operator with the task of parallel parking in the following way:

- Parallel Park Assist - Detects an available parking space and automatically steers the vehicle into the space while the operator controls the accelerator, gearshift and brakes.

The PAM uses input from the active park assist sensors, parking aid sensors and a geometrical equation to determine whether the vehicle fits in the parking space and to determine the correct steering angles to request from the PSCM during the parking maneuvers. The system visually and/or audibly instructs the operator to park the vehicle through messages in the centerstack infotainment display and audio system warning chimes.

DESCRIPTION AND OPERATION > PARKING AID - SYSTEM OPERATION AND COMPONENT DESCRIPTION

System Operation

DESCRIPTION AND OPERATION > PARKING AID - SYSTEM OPERATION AND COMPONENT DESCRIPTION > ACTIVE PARK ASSIST

System Diagram