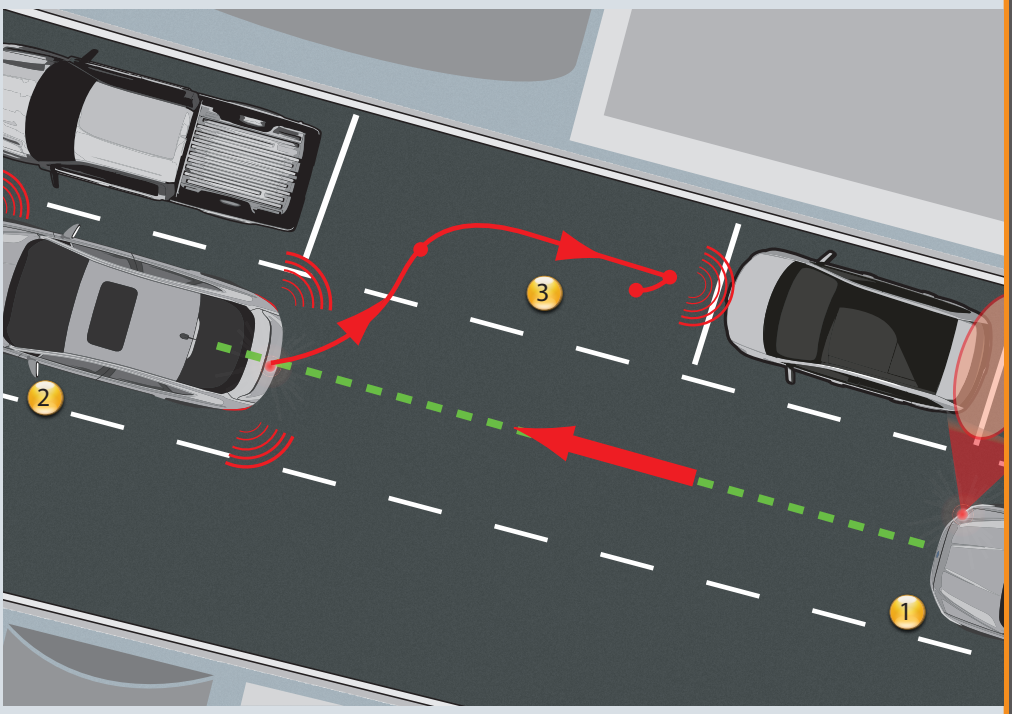
Active Park Assist

Ford's active park assist uses an ultrasonic-based sensing system and electric power-assisted steering (EPAS) to position the vehicle for parallel parking, calculate the optimal steering angle and quickly steer the vehicle into a parking spot.

How it works

1. The driver activates the system by pressing a center console button, which initiates ultrasonic sensors that measure and identify a feasible parking space
2. The system prompts the driver to accept parking assistance. The steering system then takes over and steers the car into the parking space hands-free. The driver still shifts the transmission and operates the gas and brake pedals
3. A visual and/or audible driver notification advises the driver about the proximity of other cars and objects and provides instructions. While the steering is all done automatically, the driver remains responsible for safe parking and can interrupt the system by grasping the steering wheel



Ford vs. Toyota

Ford active park assist has superior performance to Toyota. It can park six inches closer to the curb, 30 seconds faster and three times more consistently than the Toyota system. Ford active park assist also is at least 50 percent less expensive than Toyota.

Ford Active Park Assist	Toyota Advanced Parking Guidance System
Is simple to use. It measures an available parking space and offers it only if the car can fit.	Customer has to determine whether or not the space is big enough.
Prompts the driver when a parking space is found and when to stop.	Requires the driver to decide when to stop and to line up the car just right next to the front parked vehicle.
Requires only the touch of a button.	Requires the driver to set up and adjust the parking space on the camera screen, which takes time.
Uses simple, long ultrasonic sensors that are accurate in measuring available parking spaces.	Uses a camera that can impede the accuracy under certain conditions (rain, mud, fog, etc.).
Will detect objects on the opposite side of the street and will park downhill and uphill.	Is challenged when it comes to parking downhill.
Offers very tight parking spaces, as small as 1.2 times the vehicle length.	Requires 1.4 to 1.5 times the vehicle length to be able to park.