

Delphi Parking Guidance System

Delphi's smart Parking Guidance System (PGS) uses a rear view camera and advanced algorithms to help make parking easier than ever. Unique and affordable, the PGS calculates the vehicle's backing path and offers drivers a more natural perspective of the scene directly behind the vehicle. When the driver selects a parking mode, the system helps the driver choose a parking spot by measuring available spaces to determine if the vehicle will fit. It then guides the driver through the parking maneuver. As the driver continues to park, the system provides the auditory step-by-step instructions required to park the car while superimposing guidelines on the vehicle's display.

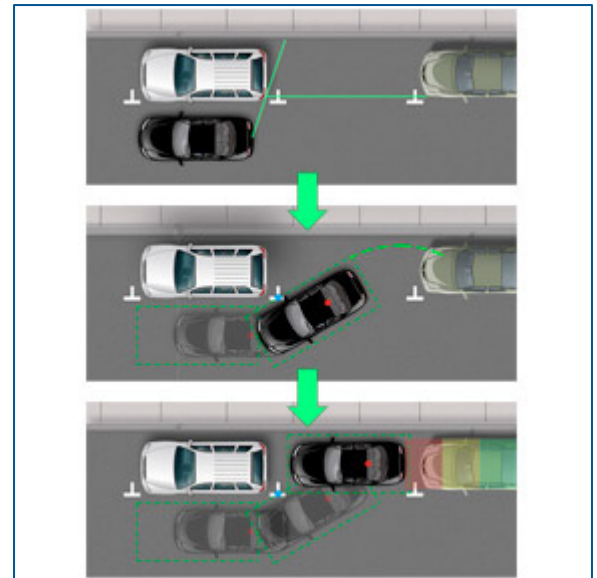
In addition to its affordability, Delphi's Parking Guidance System is flexible enough to meet the differing needs of vehicle manufacturers. It can be implemented with a rear-view camera and a smart processing unit or with Delphi's "smart" rear view camera that integrates the system's control electronics and camera into one compact package. Special features include electronic distortion correction, static and dynamic overlays, and the ability to determine if a parking space is large enough for the vehicle being parked.

► Features

- Wide field-of-view helps reduce blind spot
- Distortion correction
- Visual and auditory parallel and angle parking guidance
 - Static and dynamic on-screen overlays
 - Step-by-step auditory parking instructions
 - Helps reduce potential for property damage

► The Delphi Advantage

- Robust backing and parking aid at lower cost
 - Uses data from rear view camera plus advanced algorithms to calculate backing path
 - Eliminates need for ultrasonic sensors
- Flexible hardware solution for different customer requirements
 - Enables integration of algorithm into customer's navigation system
 - Smart camera solution integrates software and camera into a single unit
 - Remote box solution for pre-existing camera systems



Delphi's smart Parking Guidance System calculates the vehicle's backing path and measures available parking spaces to determine if the vehicle will fit.



The Delphi Parking Guidance System superimposes guidelines on the vehicle display and provides auditory, step-by-step instructions to the driver.