

Front Vehicle Departure Warning

What is Front Vehicle Departure Warning

What:

A system to notify driver that vehicle in front while stopped has moved away

Why:

To improve passenger safety by providing warnings to potentially tired or distracted drivers.

Benefits:

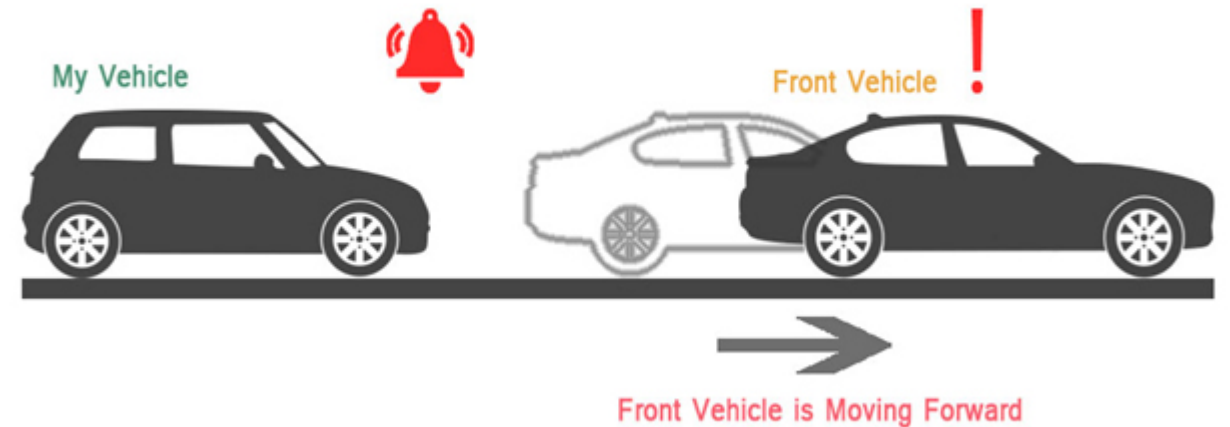
Decrease in accidents / injuries / deaths caused by tired or distracted drivers

How:

Utilization of sensors, cameras, and electronically controlled systems can interpret and react to changing conditions faster than a human driver in many situations reacts. System is "Passive" (Provide audio, visual or haptic feedback) to notify driver of a pending situation.

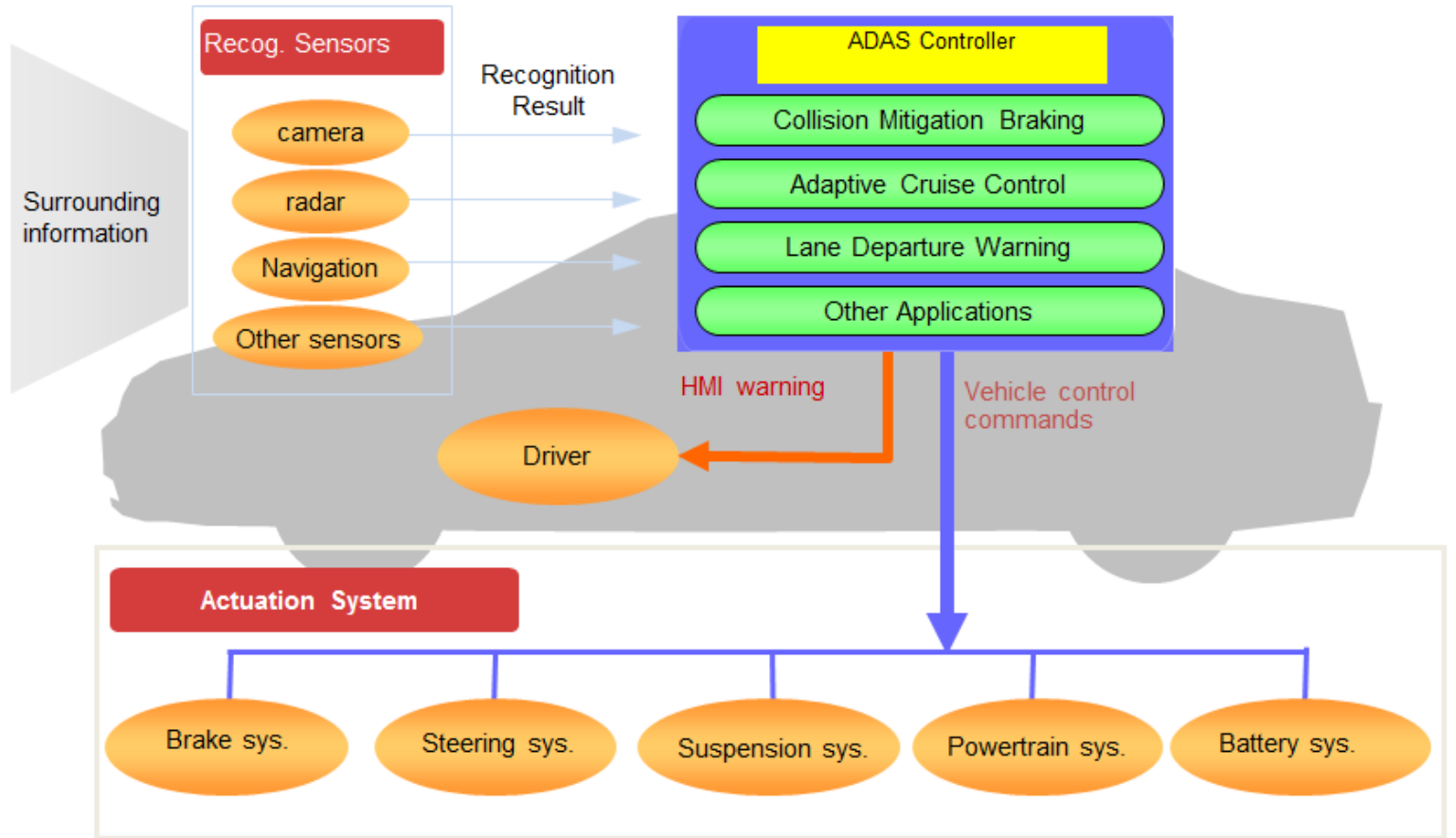
Front Vehicle Departure Warning Operation

When at a complete stop behind another vehicle, the system utilizing radar sensors, recognizes the vehicle in front moving and no driver response. System will then provide audible or visual alerts the driver.



Front Vehicle Departure Warning Components

- Camera(s)
- Module(s)
- Control Switch
- Visual Indicators
- Audio



Front Vehicle Departure Warning Diagnosis

Visual inspection

- Damage bumpers

- Damage to sensors / cameras

Fault codes

- OEM

- SAE

Electrical testing

- Power

- Ground

- Signals

- BUS Communications

Front Vehicle Departure Warning Service / Calibration

Mechanical

Targets

Some sensors hard mounted, some may be adjustable

Non-related repairs and services can require calibration

Alignment

Collision

Self / Auto

Driving

