

BLIND SPOT ASSIST SYSTEM

GPS Speed detection module



Description:

The GPS speed sensor has a 'T' connector loom that plugs between the blind spot module and the beeper.

On the loom is an LED which indicates the GPS reception or working condition.

Function:

The GPS speed sensor uses GPS satellites to calculate the vehicle speed, then the speed is sent to the blind sensor module.

1. When the speed is over 20km/h (+/-25%), the blind spot system will turn on.
2. When the speed is below 20km/h (+/-25%), the blind spot system is off.

NOTE: When testing the main system detection ability after installation or at any time, the GPS should be disconnected as the whole system will not operate below 20km/h.

Operation - Outdoors:

1. After the GPS sensor is connected, turn on the ignition. The GPS sensor will go into a diagnosis period with the blind spot module.
2. After approx' 10 seconds or longer, if the LED blinks green, this means it is working normally.
3. If the LED blinks red, it means failure most likely because it cannot see any satellites, especially if you are indoors.
4. If there is a poor connection between the GPS sensor and the blind spot module, the green LED will light for 3 seconds and then red once every 300ms