

# GOSS

VEHICLE MECHATRONICS

THE GENUINE ALTERNATIVE

## TRANSMISSION SPEED SENSORS

Transmission speed sensors are used to perform a contactless scan of a gear or trigger wheel in the transmission and generate an electronic digital signal proportional to the speed of rotation. There are commonly two speed sensors that work in conjunction to provide accurate transmission data to the vehicle's (ECM) engine control module or (TCM) transmission control unit.

The first is known as the input shaft speed (ISS) or primary sensor. This sensor is used to monitor the speed of the transmission's input shaft. The second sensor is the output shaft speed (OSS) or secondary sensor. If either of these two sensors falls out of alignment or experiences electrical issues, it can affect the operation of the entire transmission.

Common symptoms of a faulty sensor include:

- Harsh or irregular shifting
- Cruise control inoperative
- Check engine light illuminated
- Speedometer inoperative

Transmission speed sensors can malfunction for a number of reasons including:

- Physical damage to the sensor
- Poor connection between the connector plug and sensor
- Corrosion
- Electrical failure



- Available to suit over 800 vehicle applications
- Covering over 4 million vehicles on road
- Offering the aftermarket a genuine alternate

[www.goss.com.au](http://www.goss.com.au)