



## Technical Bulletin #1929

**Transmission:** 4R70W, 4R75W, 4R70E, 4R75E

**Subject:** ISS Codes, Erratic Reading

**Application:** Ford RWD Applications

**Issue Date:** October, 2019

# 4R70W, 4R75W, 4R70E, 4R75E Input Speed Sensor Codes, Erratic Reading

After a rebuild, you may observe the Turbine Shaft Speed sensor reading correctly sitting still in Park, Neutral, Drive and Reverse. Then, once the vehicle is in motion, the signal goes crazy! Before you replace the speed sensor, you may have a sun shell that has been repaired in your unit.

Applications that have a turbine speed sensor require a non-ferrous sun shell. This allows the Turbine Shaft speed sensor to read the forward clutch drum through the sun shell. You can check this by using a magnetic. It should not stick to the shell. However, if someone made a repair to the wear area (as shown), the ferrous material in welding rods will create interference in the Turbine Shaft Speed sensor signal. A magnet will stick to the repaired area.

DO NOT use a repaired sun shell in a unit that has the turbine shaft speed sensor.

