Wheel Sensor

Note: This operation does not apply to Vectra-C/Signum.

Objective:

Operational check of the wheel sensor for vehicles with Anti-Blocking System.

Measurement:

Plot of voltage at the signal output of the speed sensors on the wheels.

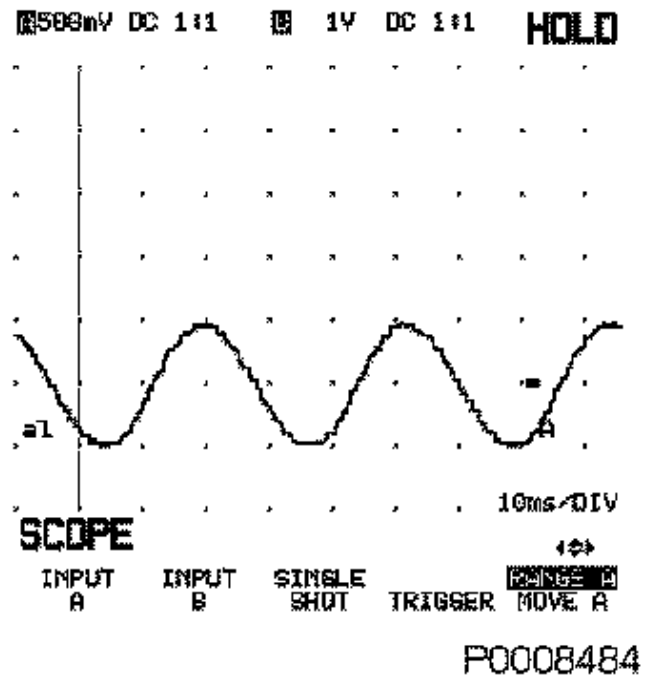**Preparation:**

Switch off the engine and ignition.

Connections:

INPUT A	COM/TRIGGER	INPUT B
Connect the red measurement lead to pin 1 (A) of the plug connector for the speed sensor on the wheel. Connect the black ground lead to ground.		

Procedure Tech 31:

1. Download Reference curve.
2. Switch on the ignition.
3. Lift the concerning wheel free from the floor.
4. Rotate the wheel.

Reference Curve:

P0008484

The signal plot should be continuous and regular. If the plot of the signal varies from the plot shown below the sensor disc and sensor must be checked for soiling, concentricity and correct shape. When varying the wheel speed the frequency and the amplitude will change.
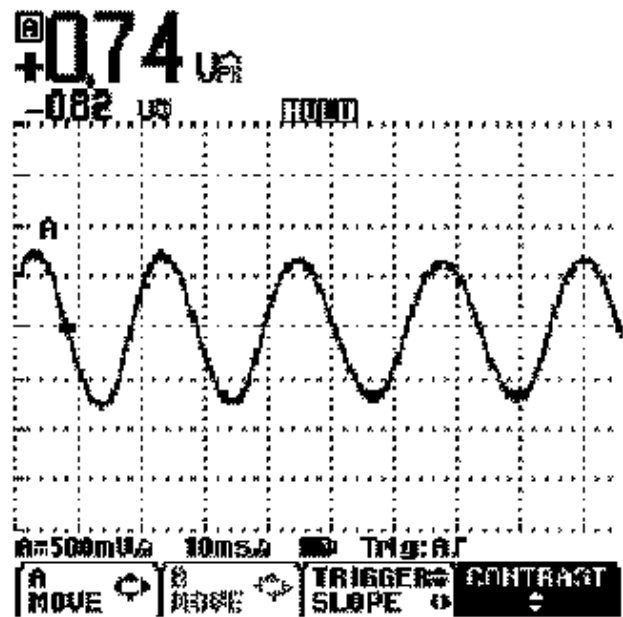
Procedure Tech 32:

1. Download Setup file (the Tech 32 uses only Setup files, no reference curves).
2. Switch on the ignition.
3. Lift the concerning wheel free from the floor.
4. Rotate the wheel.

Setup File:

Reference Curve:

P0008485

The signal plot should be continuous and regular. If the plot of the signal varies from the plot shown below the sensor disc and sensor must be checked for soiling, concentricity and correct shape. When varying the wheel speed the frequency and the amplitude will change.