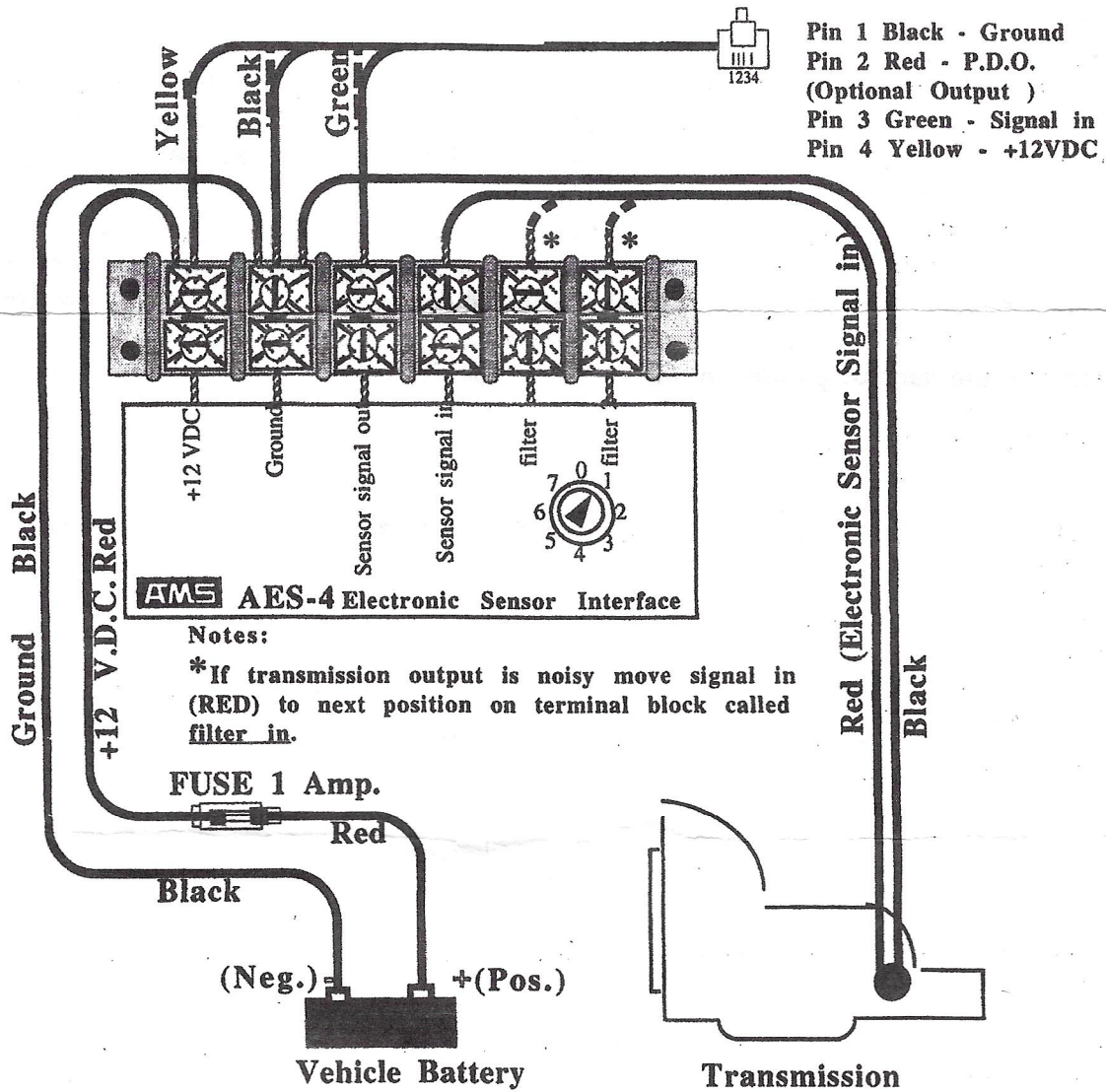


Universal Electronic Sensor Interface

**MICROLINE
INSTRUMENT CONNECTOR
FRONT VIEW**



INSTALLATION PROCEDURES FOR AES-4 ELECTRONIC SENSOR

1. Install the terminal block and wiring harness as shown on the back of this page.
2. Locate your vehicle speed sensor. It is usually located where you would normally find the mechanical speedometer cable coming from your transmission tail shaft. You will find two wires coming from the vehicle speed sensor. The color codes will vary depending on the year make and model.
3. Route the red and black end of the long cable that came in the package with the AES-4 sensor to the vehicle speed sensor. Using the splice clips provided place one on a wire coming from the vehicles speed sensor. Take one of the wires coming from the long cable and put it in the other opening in the splice clip. Take a pair of pliers and squeeze the metal splicer onto the wire. Then snap the plastic clip over the splice. Repeat the procedure with the other wire.
4. The opposite end of the long cable goes directly to the terminal block. Nylon ties are provided to secure the wire.
5. Attach the AES-4 to the terminal block. Depending on the vehicle the pulse rate can range from 4,000 pulses to 128,000 pulses per mile. We have provided a selector switch to divide the pulse rate. A small screwdriver will be needed to turn the switch.
6. We suggest that starting out you select position number 3. The object is to have the calibration number below 1.00. If the calibration number is too high, you need to divide by a smaller factor ie: 2 or 1. If the number is too low you need to divide by a larger factor ie: 8 or 16. It may take several runs to see which position works best for your vehicle. Refer to the calibration section of the manual for more specific instructions.

If your vehicle has an especially noisy electrical system you may experience a condition where the instrument will count when the brakes are applied, or the turn signals are flashing. Should this occur there are two filter positions internal to your AES-4. Move the signal wire coming from the transmission to the next position on the terminal block. If the condition still persists then use the next position on the terminal block. Repeat the calibration procedures and adjust the divide by setting if necessary.

Special Note:

The colors codes may vary and can be found in the service manual under vehicle speed sensor (VSS) which can be obtained from the dealership of purchase.