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Hall Effect Speed Sensor Kit

Part Number: SSK5

Immediately upon delivery, open all packages and check the contents of the shipment. Report any issues directly to SCP within 15 days. After 15 days, SCP will not be responsible for missing or damaged items.

INSTALLATION INSTRUCTIONS

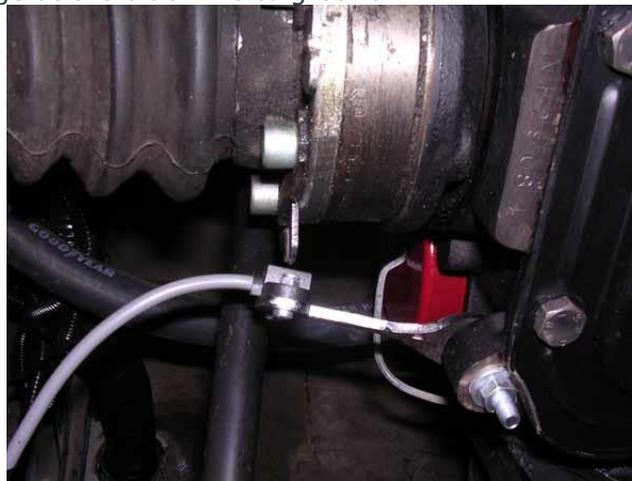
These instructions apply to part number SSK5. They Small Car Hall Effect Speed Sensor kit onto your Vanagon transmission.

Automatic Transmissions

1. Install the CV joint flange under the original plates and torque to specs.
2. Bend the provided bracket to approximate photo by placing one end in a vise and with an adjustable wrench put a 90 degree twist in the part.
3. Install the bracket with an 8mm bolt into the empty hole on the automatic transmission.
4. Install the sensor into the bracket and adjust the gap from the sensor to the magnet to maximum of 1/16 inch. The sensor can be installed with the wires going in either direction.
5. The center of the square area is the spot of highest sensitivity and should be aimed at the magnets.
6. The black lead goes to ground, the red to ignition + and the blue to the ECU speed sensor terminal.
7. Be sure to use a wire tie as a strain relief so that the wires into the sensor are protected.

FAQs:

- There should 4-5 volts at the blue wire when the sensor is connected, and the ignition is on. Voltage is from the ECU.
- When operating correctly, the hall sender is activated by the magnets (south pole only) and the sensor pulls the voltage at the blue wire to ground.



Manual Transmission

1. Install the CV joint flange under the original plates and torque to specs.
2. Bend the provided bracket so the unused hole on the side of the transmission will hold the sensor in the right position. Install the bracket with an 8mm bolt into the empty hole on the Vanagon transmission.

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3. Install the sensor into the bracket and adjust the gap from the sensor to the magnet to a maximum of 1/16 inch. The center of the square area on the sensor is the spot of highest sensitivity and should be aimed at the magnets. The sensor can be installed with the wires going in either direction.
4. The black lead goes to ground, the red to ignition +, and the blue to the ECU speed sensor terminal.
5. Be sure to use a wire tie as a strain relief so that the wires into the sensor are protected.

FAQ

- There should 4-5 volts at the blue wire when the sensor is connected and the ignition is on. Voltage is from the ECU.
- When operating correctly, the hall sender is activated by the magnets (south pole only) and the sensor pulls the voltage at the blue wire to ground.

