



SPEED SENSOR DIAGNOSIS SYSTEM

1. SPEED SENSOR SIGNAL CHECK

BR07D-01

(a) Turn the ignition switch to OFF.

(b) Using SST, connect terminals Ts and E1 of data link connector.

SST 09843-18020

(c) Start the engine.

(d) Check that the ABS warning light blinks.

HINT: If the ABS warning light does not blink, inspect the ABS warning light circuit.

(e) Drive vehicle straight forward.

HINT: Drive vehicle faster than 80 km/h (50 mph) for several seconds.

(f) Stop the vehicle.

(g) Using SST, connect terminals Tc and E1 of data link connector.

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(h) Read the number of blinks of the ABS warning light.

HINT: See the list of diagnosis codes shown on the next page.

If every sensor is normal, a normal code is output. (A cycle of 0.25 sec. on and 0.25 sec. OFF is repeated).

If two or more malfunctions are indicated at the same time, the lowest numbered code will be displayed first.

(i) After performing the check, disconnect terminals Ts and E1, Tc and E1 of data link connector, and ignition switch turned off.

DIAGNOSTIC CODE

Code No.	Light Pattern	Diagnosis	Malfunctioning Part
	ON OFF 	All speed sensors and sensor rotors are normal	/
71		Low voltage of front right speed sensor signal	<ul style="list-style-type: none"> • Front right speed sensor • Sensor installation
72		Low voltage of front left speed sensor signal	<ul style="list-style-type: none"> • Front left speed sensor • Sensor installation
73		Low voltage of rear right speed sensor signal	<ul style="list-style-type: none"> • Rear right speed sensor • Sensor installation
74		Low voltage of rear left speed sensor signal	<ul style="list-style-type: none"> • Rear left speed sensor • Sensor installation
75		Abnormal change of front right speed sensor signal	<ul style="list-style-type: none"> • Front right sensor rotor
76		Abnormal change of front left speed sensor signal	<ul style="list-style-type: none"> • Front left sensor rotor
77		Abnormal change of rear right speed sensor signal	<ul style="list-style-type: none"> • Rear right sensor rotor
78		Abnormal change of rear left speed sensor signal	<ul style="list-style-type: none"> • Rear left sensor rotor