

Troubleshooting

Problem		No.
"ABS" warning light	Always comes on after ignition switch is turned on.	1
	Does not come on for 3 seconds after ignition switch on.	2
	Comes on and off.	3
	Comes on while running.	1
Brake working	Brakes pull.	4
	Braking inefficient.	4
	ABS operates at ordinary braking.	4
	ABS operates just before stopping at ordinary braking.	4
	Brake pedal pulsates abnormally while ABS is operating.	4
	Skidding noise occurs while ABS working. (ABS works inefficiently)	5

1

"ABS" warning light comes on.

Disconnect service connector and connect terminals Tc and E₁ , of data link connector 1.

(See page [BR-59](#))

Does warning light always come on or show the normal code? (Ignition switch on)

NO

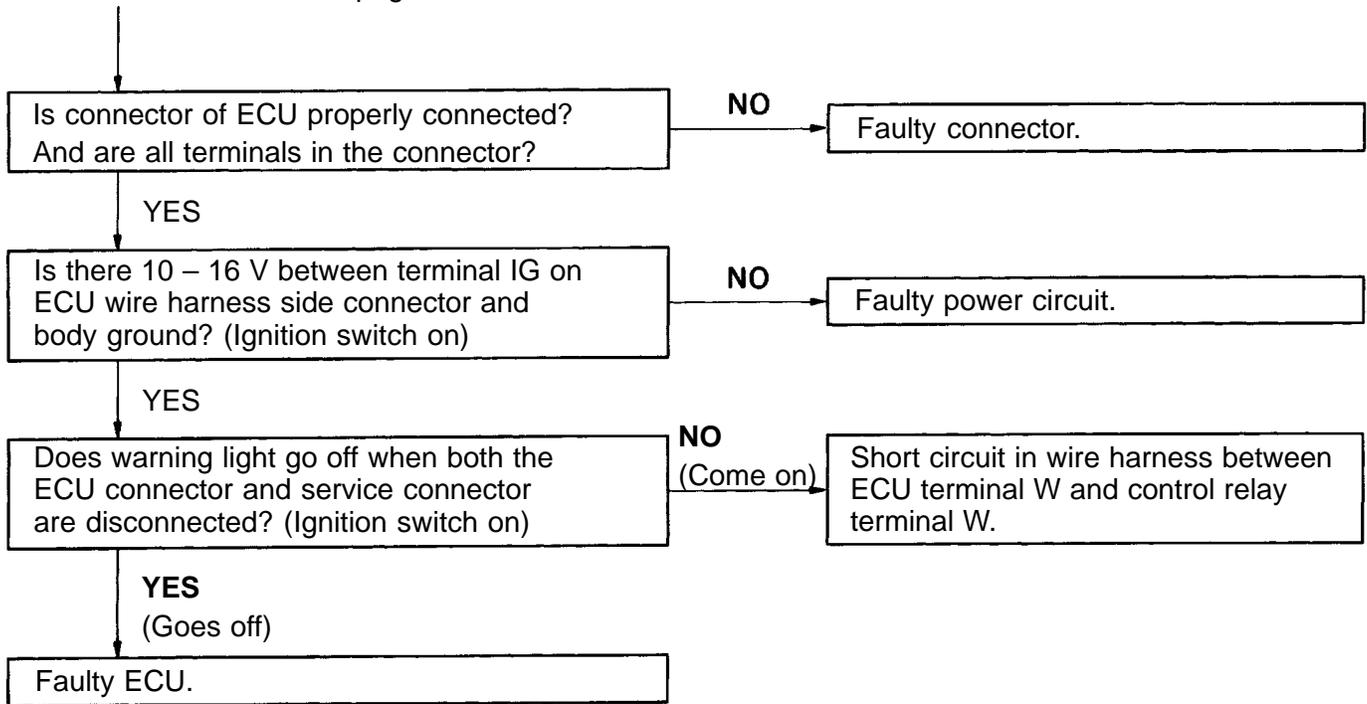
See diagnostic trouble code.

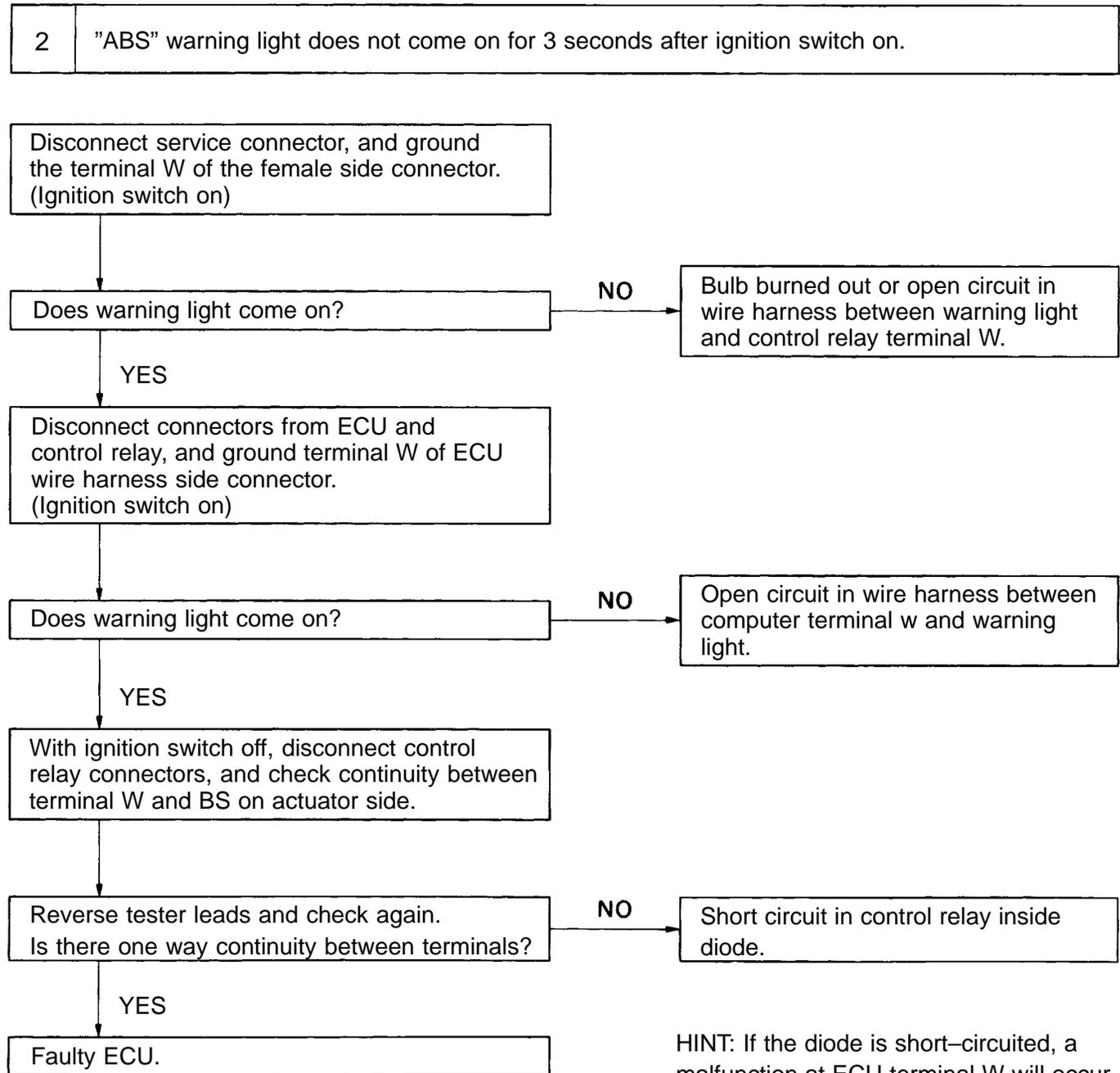
(See page [BR-60](#))

YES

Continued on page [BR-63](#)

Continued from page BR-62



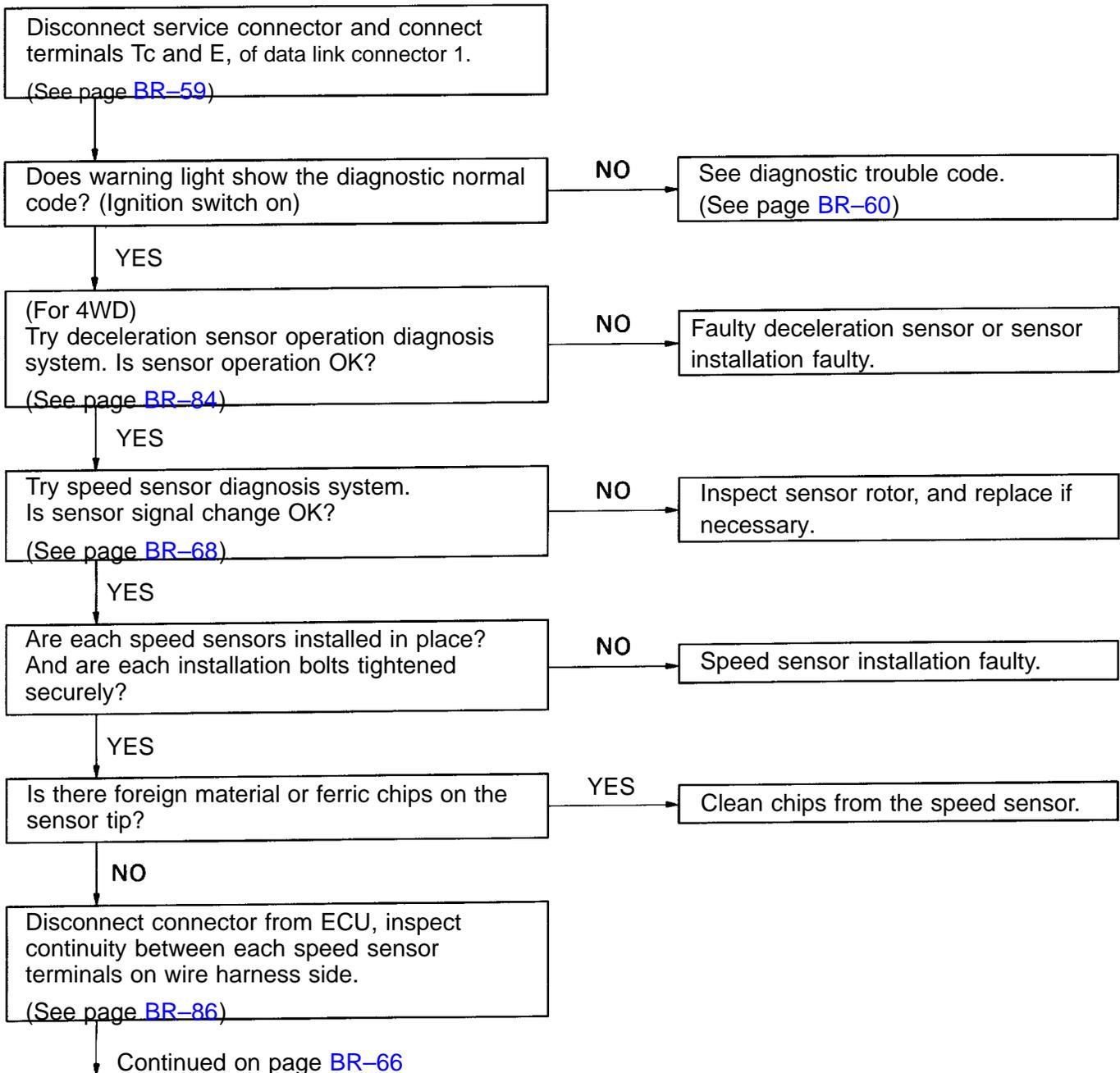


HINT: If the diode is short-circuited, a malfunction at ECU terminal W will occur. When inspecting the terminal, connect the ECU connector, and disconnect control relay connectors and data link connector 1. Then turn the ignition switch on, and check that the warning light goes on. If it does, the ECU terminal is OK.

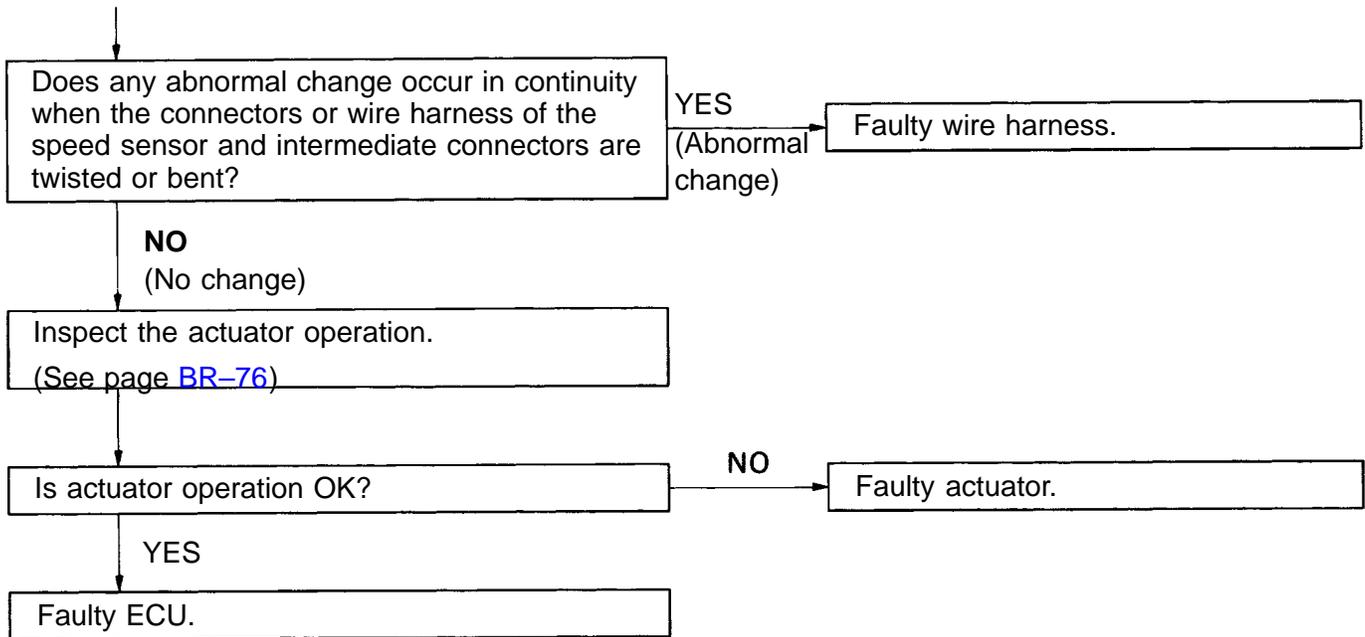
3 "ABS" warning light comes on and off.

- Check for short circuit in wire harness between terminal Tc and E₁, or Ts and E₁, of data link connector 1 .

- 4
- Brakes pull.
 - Braking inefficient.
 - ABS operates at ordinary braking.
 - ABS operates just before stopping at ordinary braking.
 - Brake pedal pulsates abnormally while ABS working.



Continued from page BR-65



5 Antilock brake system works inefficiently.

Disconnect service connector and connect terminals Tc and E , of data link connector 1.

(See page [BR-59](#))

Does warning light show the diagnostic normal code? (Ignition switch on)

NO

See diagnostic trouble code.

(See page [BR-60](#))

YES

Is there battery positive voltage between ECU terminal STP and body ground when depressing brake pedal?

NO

Open circuit in stop light switch and/or wire harness.

YES

Inspect actuator.

(See page [BR-76](#))