

1A



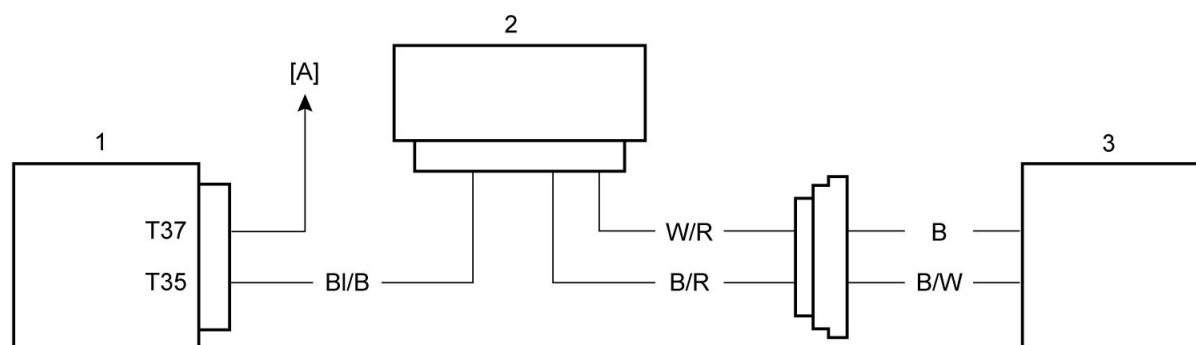
DTC P0500 (C16)

DTC Detecting Condition and Trouble Area

DTC detecting condition	Trouble area
P0500 (C16): Vehicle Speed Sensor Circuit (Front) Malfunction The speed sensor signal is not input for more than 6 sec.	<ul style="list-style-type: none">• Metal particles or foreign material being attached on the speed sensor• Speed sensor• Speed sensor circuit• ECM• ABS control unit

Wiring Diagram

Refer to [FI System Wiring Diagram](#).



[A]:	To combination meter	1.	ECM	2.	ABS control unit	3.	Front wheel speed sensor
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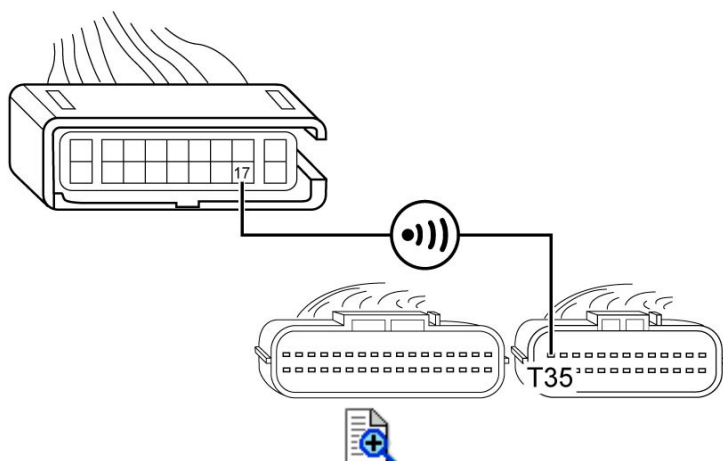
Troubleshooting

Step	Action	Yes	No
1	ABS DTC check 1) Turn the ignition switch OFF. 2) Set up the SDS tool according to the SDS operation manual. 3) Check the DTC of ABS. Is the DTC C1641 and C1642 indicate?	Go to DTC C1641 (41) and C1642 (42).	Go to Step 2.
2	Speed sensor signal check (From ABS control unit to ECM) 1) Turn the ignition switch OFF. 2) Disconnect the ABS control unit coupler and ECM couplers. <ul style="list-style-type: none">• ABS: • ECM: 3) Check for proper terminal connection to the ABS	Replace the ECM with a known good one, and inspect again.	Repair or replace the BI/B wire.

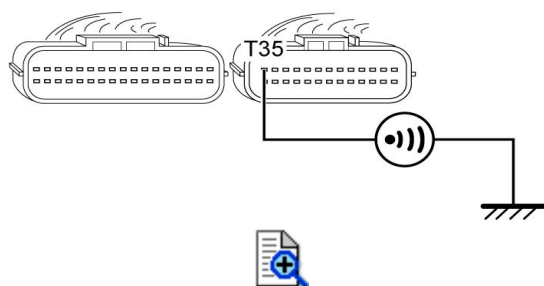
control unit coupler and ECM couplers.

4) If connections are OK, check the following points.

- Resistance
 - Bl/B wire: less than 1Ω



- Bl/B wire and ground: infinity



Is check result OK?