

1A



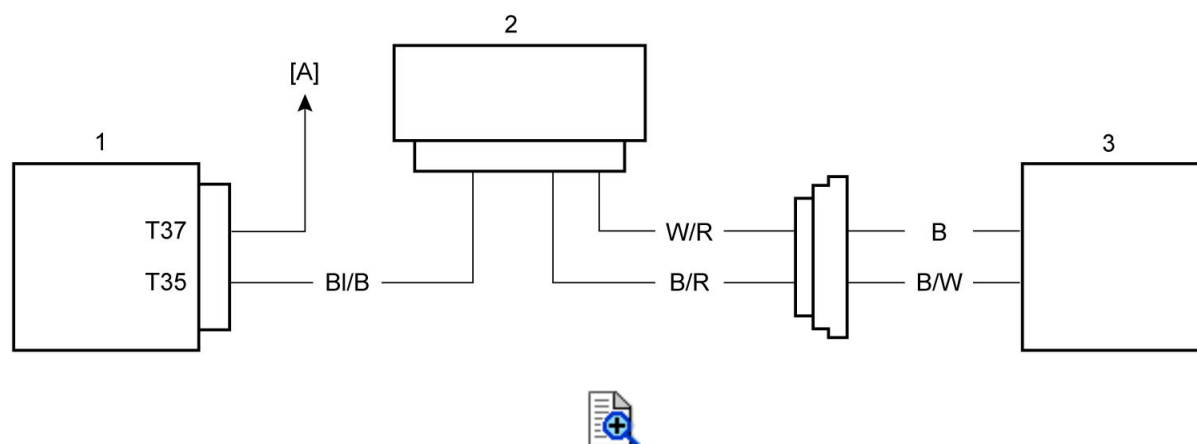
## DTC P0500 (C16)

### DTC Detecting Condition and Trouble Area

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

### 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
<b>1</b>	<b>ABS DTC check</b> 1) Turn the ignition switch OFF. 2) Set up the SDS tool according to the SDS operation manual. 3) Check the DTC of ABS.  <b>Is the DTC C1641 and C1642 indicate?</b>	Go to DTC C1641 (41) and C1642 (42).	Go to Step 2.
<b>2</b>	<b>Speed sensor signal check (From ABS control unit to ECM)</b> 1) Turn the ignition switch OFF. 2) Disconnect the ABS control unit coupler and ECM couplers. <ul style="list-style-type: none"><li>• ABS: </li><li>• ECM: </li></ul> 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.

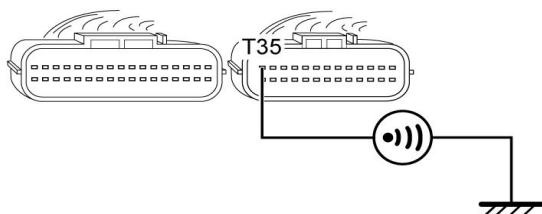
control unit coupler and ECM couplers.

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

- Resistance
  - Bl/B wire: less than  $1\Omega$



- Bl/B wire and ground: infinity



***Is check result OK?***