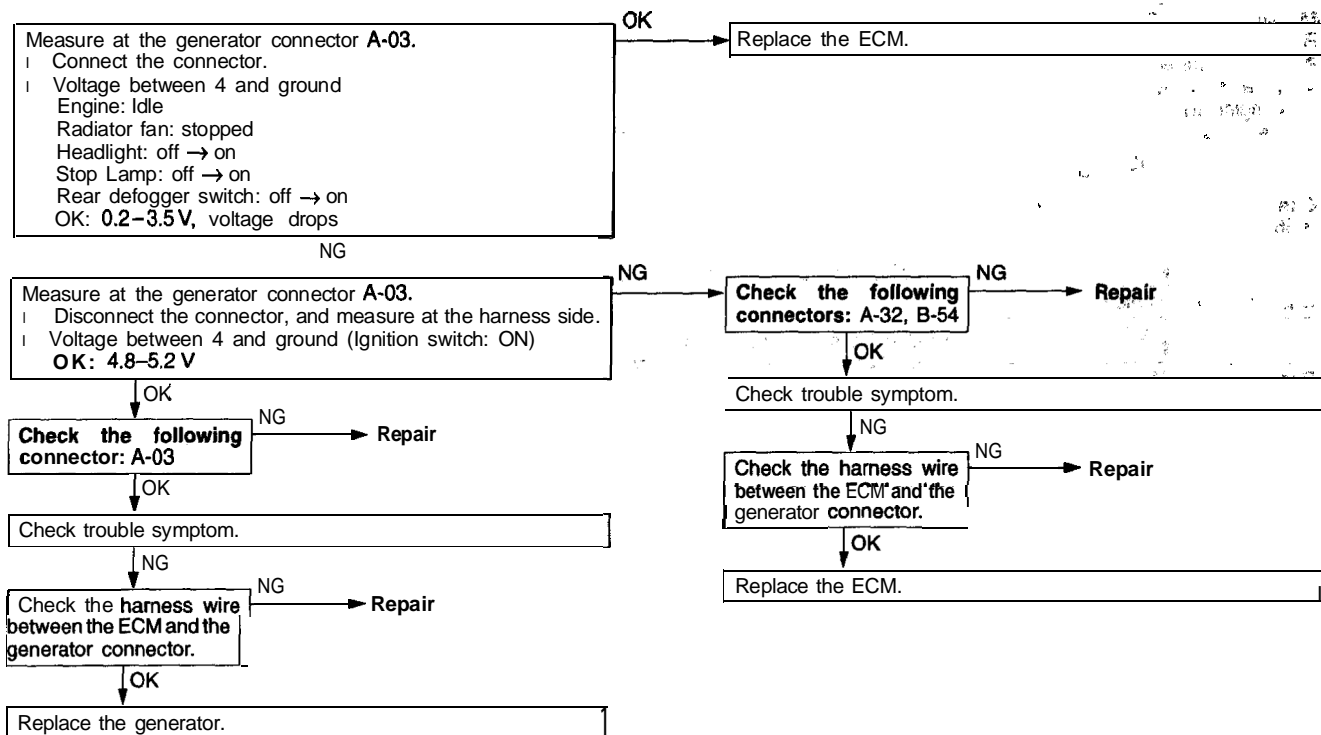


Code No. P1500 Generator FR Terminal Circuit Malfunction	Probable cause
<p>[Comment]</p> <p>Background</p> <ul style="list-style-type: none"> <li>When the generator field coil is controlled, the generator <b>FR</b> terminal inputs a signal to the engine control module.</li> <li>The engine control module detects the generator output with the input signal, and controls the idle air control motor according to the generator output.</li> </ul> <p>Check Area</p> <ul style="list-style-type: none"> <li>Engine speed is higher than 50 r/min.</li> </ul> <p>Judgement Criteria</p> <ul style="list-style-type: none"> <li>Input voltage from the generator <b>FR</b> terminal has continued to be not lower than 4.5 V for 20 sec.</li> </ul>	<ul style="list-style-type: none"> <li>Open circuit in generator <b>FR</b> terminal circuit</li> <li>Engine control module failed</li> </ul>



Code No. P1600 Serial Communication Link Malfunction (with 4A/T)	Probable cause
<p>[Comment]</p> <p>Background</p> <ul style="list-style-type: none"> <li>The engine control module receives message signals from the transaxle control module via the communication line.</li> <li>The engine control module monitors abnormalities in the message signals resulting from a broken communication line or transaxle control module problems.</li> </ul> <p>Check Area</p> <ul style="list-style-type: none"> <li>2 seconds or more have passed since starting was completed.</li> </ul> <p>Judgement Criteria</p> <ul style="list-style-type: none"> <li>Abnormality in communication line (TCM to ECM) with transaxle control module (TCM).</li> <li>Problem with transaxle control module (TCM).</li> </ul>	<ul style="list-style-type: none"> <li>Automatic transaxle control system <b>failed</b></li> <li>Open or short circuit in communication line between engine <b>control</b> module and transaxle control module, or poor connector contact</li> <li>Transaxle control module failed.</li> <li>Engine control module failed.</li> </ul>