DIFFERENTIAL VACUUM ACTUATOR

PARTS LOCATION

CONNECTOR

DIFFERENTIAL VACUUM ACTUATOR
INSPECTION

1. INSPECT DIFFERENTIAL VACUUM ACTUATOR ASSEMBLY
   (a) Measure the resistance between terminals 1 and 2.
       Standard resistance:
       0.1 to 100 Ω
   (b) Measure the resistance between terminal 1 or 2 and body ground.
       Standard resistance:
       5 MΩ or more
       If the result is not as specified, replace the differential vacuum actuator.
   (c) Check the actuator using one of the following methods.
       (1) Measure the resistance of the actuator.
           If the result is not as specified, replace the actuator.
       (2) Check the actuator status.

Actuator operation

<table>
<thead>
<tr>
<th>Measurement Condition</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery positive (+) → Terminal 1 Battery negative (−) → Terminal 2</td>
<td>2WD → 4WD</td>
</tr>
<tr>
<td>Battery positive (+) → Terminal 2 Battery negative (−) → Terminal 1</td>
<td>4WD → 2WD</td>
</tr>
</tbody>
</table>

If the result is not as specified, replace the actuator.