### DTC C1256/56 Accumulator Low Pressure

#### DESCRIPTION
The accumulator pressure sensor is connected to the skid control ECU in the master cylinder solenoid.

#### INSPECTION PROCEDURE
**NOTICE:**
When replacing the master cylinder solenoid, perform zero point calibration (See page BC-24).

**DTC No.** | **DTC Detecting Condition** | **Trouble Areas**
--- | --- | ---
C1256/56 | Fluid pressure inside the accumulator drops below the specification value. | * Hydraulic circuit  
* Hydraulic brake booster (accumulator pressure sensor)  
* Master cylinder solenoid (skid control ECU)
1 RECONFIRM DTC

(a) Clear the DTC (See page BC-45).
(b) Turn the ignition switch off.
(c) Depress the brake pedal more than 20 times.
(d) Turn the ignition switch on.
(e) Wait for 99 seconds.
(f) Check if the same DTC is recorded (See page BC-45).

<table>
<thead>
<tr>
<th>Result</th>
<th>Proceed to</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTC output</td>
<td>A</td>
</tr>
<tr>
<td>DTC not output</td>
<td>B</td>
</tr>
</tbody>
</table>

2 CHECK HYDRAULIC CIRCUIT

(a) Perform hydraulic brake booster on-vehicle inspection (See page BR-19).

OK: Hydraulic circuit is normal (No leakage).

NG REPAIR HYDRAULIC CIRCUIT

3 READ VALUE OF DATA LIST (MASTER CYLINDER PRESSURE SENSOR)

(a) Connect the intelligent tester to the DLC3.
(b) Turn the ignition switch on.
(c) Turn the tester on.
(d) Select the "DATA LIST" mode on the intelligent tester.

**DATA LIST: ABS/VSC**

<table>
<thead>
<tr>
<th>Item</th>
<th>Measurement Item / Range (Display)</th>
<th>Normal Condition</th>
<th>Diagnostic Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC PRESS SENS</td>
<td>Accumulator pressure sensor reading / min.: 0 V, max.: 5 V</td>
<td>3.58 to 5 V</td>
<td>If value constant regardless of pump operation, accumulator pressure sensor malfunction suspected.</td>
</tr>
</tbody>
</table>

(e) Check that the accumulator's output value is in the Normal Condition range.
OK:
Accumulator pressure sensor value is in the Normal Condition.

NG  REPLACE HYDRAULIC BRAKE BOOSTER

OK

4  RECONFIRM DTC

(a) Clear the DTC (See page BC-45).
(b) Check if the same DTC is recorded (See page BC-45).

Result

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B  END

A

REPLACE MASTER CYLINDER SOLENOID