| DTC | C1256/56 | ACCUMULATOR LOW PRESSURE MALFUNCTION |
|---|---|---|

## CIRCUIT DESCRIPTION

Refer to DTC C1254/54 on page 05–844.

| DTC No. | DTC Detection Condition | Trouble Area |
|---|---|---|
| C1256/56 | Fluid pressure inside the accumulator is below the standard value. | • Hydraulic brake booster<br>• Hydraulic brake booster pump motor<br>• Hydraulic brake booster pump motor circuit<br>• Accumulator pressure sensor |

## INSPECTION PROCEDURE

**NOTICE:**

**When replacing the master cylinder solenoid, perform zero point calibration (see page 05–744).**

HINT:

When C1251/51, C1253/53, or C1254/54 is output together with C1256/56, inspect and repair the trouble area indicated by C1251/51, C1253/53, or C1254/54 first.

| 1 | RECONFIRM DTC |
|---|---|

(a) Clear the DTC (see page 05–766).
(b) Turn the ignition switch off.
(c) Depress the brake pedal more than 20 times.
(d) Turn the ignition switch to the ON position.
(e) Wait for 99 seconds.
(f) Check if the same DTC is detected (see page 05–766).

**Result:**

| | |
|---|---|
| DTC is output | A |
| DTC is not output | B |

**B** → **END**

HINT:

Excessive brake pedal operation results in abnormal accumulator pressure consumption. This is normal.

**A**

| 2 | CHECK HYDRAULIC CIRCUIT |
|---|---|

(a) Check the hydraulic circuit (see page 32–3).

**OK:**

**Hydraulic circuit is normal (No leakage).**

**NG** → **REPAIR HYDRAULIC CIRCUIT (SEE PAGE 32–3)**

**OK**

| 3 | READ VALUE OF INTELLIGENT TESTER II (ACCUMULATOR PRESSURE SENSOR) |
|---|---|

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch to the ON position and push the intelligent tester II main switch ON.
(c) Select "DATA LIST" mode on the intelligent tester II.

| Item | Measurement Item/Range (Display) | Normal Condition | Diagnostic Note |
|---|---|---|---|
| Accumulator Sensor | Accumulator pressure sensor reading/min.: 0 V, max.: 5 V | 3.58 to 5 V | If the value is constant regardless of pump operation, accumulator pressure sensor malfunction is suspected |

(d) Check that the accumulator's output value is normal.
**OK:**
**Accumulator pressure sensor value is normal.**

NG → **REPLACE MASTER CYLINDER SOLENOID (SEE PAGE 32–12)**

OK

| 4 | RECONFIRM DTC |
|---|---|

(a) Clear the DTC (see page 05–766).
(b) Check if the same DTC is detected (see page 05–766).

**Result:**

| | |
|---|---|
| DTC is output | A |
| DTC is not output | B |

B → **END**

A

**REPLACE MASTER CYLINDER SOLENOID (SEE PAGE 32–12)**