

# NO.1 ALC (AUTOMATIC LEVEL CONTROL) DO NOT OPERATE. (ABS HU/CM OPERATES NORMALLY.)

B3E090366900W03

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|--|---|
| <b>1</b>   | <b>ALC (automatic level control) do not operate. (ABS HU/CM operates normally.)</b> |
| <b>TROUBLESHOOTING HINTS</b>   |   |
| <ul style="list-style-type: none"> <li>• Malfunction in vehicle speed signal line of audio unit. <ul style="list-style-type: none"> <li>- Audio unit malfunction</li> <li>- ABS HU/CM malfunction</li> <li>- Malfunction in wiring harness between audio unit and ABS HU/CM</li> </ul> </li> </ul> |   |

## Diagnostic procedure

| STEP | INSPECTION  |     | ACTION  |
|------|---|-----|---|
| 1    | • Is ALC function operating?  | Yes | Go to next step.  |
|      |   | No  | Make ALC function operate, then go to Step 5.                                 |
| 2    | • Inspect DTC of PCM.<br>• Is DTC P0500 (VSS circuit malfunction) displayed?  | Yes | Go to applicable DTC inspection.  |
|      |   | No  | Go to next step.  |
| 3*   | • Disconnect audio unit connector (24-pin) and ABS HU/CM connector (28-pin).<br>• Is there continuity between audio unit connector (24-pin) terminal 1I and ABS HU/CM connector (28-pin) terminal 1V? | Yes | Go to next step.  |
|      |   | No  | Repair wiring harness between audio unit and ABS HU/CM, then go to Step 5.    |
| 4    | • Inspect wiring harness between audio unit connector (24-pin) terminal 1I and ABS HU/CM connector (28-pin) terminal 1V for short to ground.<br>• Is there short to ground?                           | Yes | Repair wiring harness between audio unit and ABS HU/CM, then go to next step. |
|      |   | No  | Replace base unit, then go to next step.                                      |
| 5    | • Does ALC operate normally?  | Yes | Complete troubleshooting, then explain repairs to customer.                   |
|      |   | No  | Recheck malfunction symptoms, then repeat from Step 1 if malfunction recurs.  |