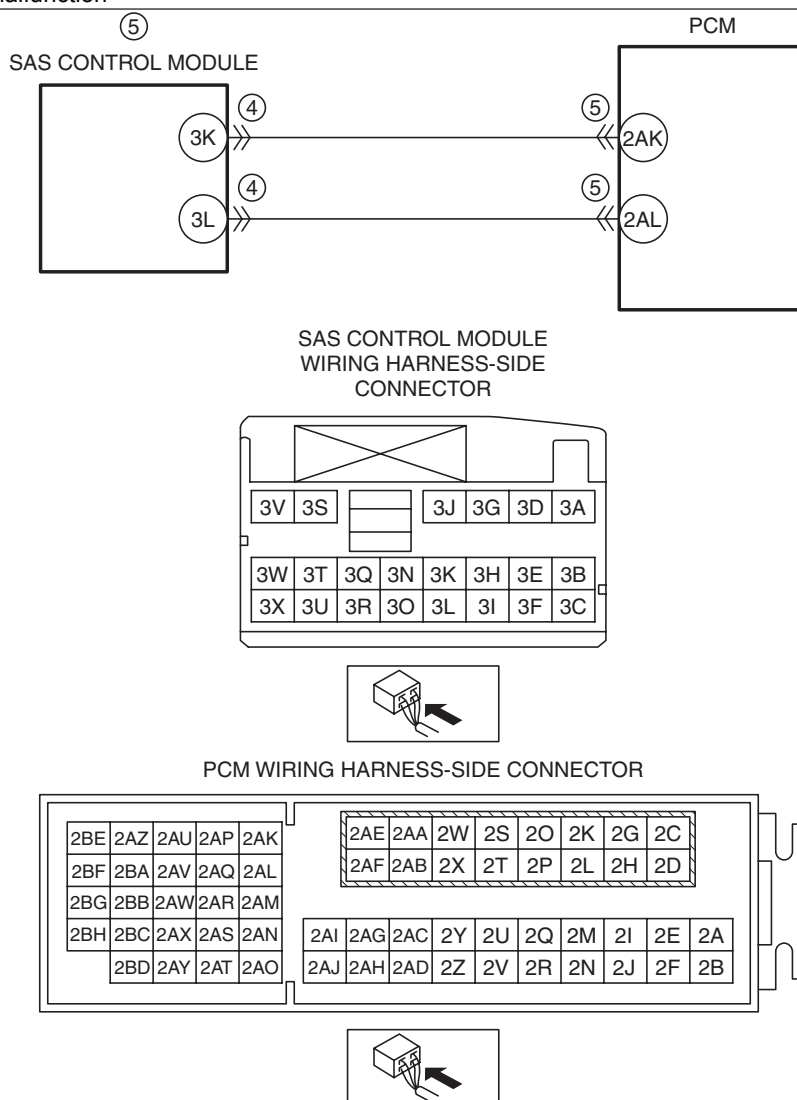


| | |
|--------------------------------|--|
| DTC U0336:00 | SAS control module error |
| DETECTION CONDITION | <ul style="list-style-type: none"> When any of the following conditions is met: <ul style="list-style-type: none"> CAN communication line between SAS control module and PCM malfunction SAS control module internal malfunction Diagnostic support note <ul style="list-style-type: none"> This is a continuous monitor (other). The check engine light does not illuminate. FREEZE FRAME DATA (Mode 2)/Snapshot data is not available. The DTC is stored in the PCM memory. |
| FAIL-SAFE FUNCTION | — |
| POSSIBLE CAUSE | <ul style="list-style-type: none"> CAN drive error (instrument cluster or PCM) CAN communication line between SAS control module and PCM malfunction SAS control module connector or terminals malfunction PCM connector or terminals malfunction SAS control module malfunction PCM malfunction |

**Diagnostic Procedure**

| STEP | INSPECTION | | ACTION |
|------|--|-----|---|
| 1 | VERIFY RELATED SERVICE INFORMATION AVAILABILITY <ul style="list-style-type: none"> Verify related Service Information availability. Is any related Service Information available? | Yes | Perform repair or diagnosis according to the available Service Information. |
| | | No | Go to the next step. |

| STEP | INSPECTION | ACTION | |
|------|---|--------|--|
| 2 | VERIFY DTC FOR MODULE COMMUNICATION <ul style="list-style-type: none"> Switch the ignition to off, then to ON (engine off). Perform the DTC Reading Procedure. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0].) Are any other PENDING CODEs and/or DTCs present? | Yes | Go to the applicable PENDING CODE or DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0].) |
| | | No | Go to the next step. |
| 3 | CONFIRM SAS CONTROL MODULE DTC <ul style="list-style-type: none"> Perform the SAS control module DTC inspection using the M-MDS. (See DTC INSPECTION.) Are any DTCs present? | Yes | Go to the applicable DTC inspection. (See DTC TABLE.) |
| | | No | Go to the next step. |
| 4 | INSPECT SAS CONTROL MODULE CONNECTOR CONDITION <ul style="list-style-type: none"> Switch the ignition to off. Disconnect the SAS control module connector. Inspect for poor connection (such as damaged/pulled-out pins, corrosion). Is there any malfunction? | Yes | Repair or replace the connector and/or terminals, then go to Step 6. |
| | | No | Go to the next step. |
| 5 | INSPECT PCM CONNECTOR CONDITION <ul style="list-style-type: none"> Disconnect the PCM connector. Inspect for poor connection (such as damaged/pulled-out pins, corrosion). Is there any malfunction? | Yes | Repair or replace the connector and/or terminals, then go to the next step. |
| | | No | SAS control module can be considered the cause. <ul style="list-style-type: none"> Replace the SAS control module, then go to the next step. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.) |
| 6 | VERIFY DTC TROUBLESHOOTING COMPLETED <ul style="list-style-type: none"> Make sure to reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0].) Perform the KOEO or KOER self test. (See KOEO/KOER SELF TEST [SKYACTIV-G 2.0].) Is the same DTC present? | Yes | Repeat the inspection from Step 1. <ul style="list-style-type: none"> If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0].) Go to the next step. |
| | | No | Go to the next step. |
| 7 | VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none"> Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0].) Are any DTCs present? | Yes | Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0].) |
| | | No | DTC troubleshooting completed. |