

DTC C1031:68 [DYNAMIC STABILITY CONTROL (DSC)]

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| DTC | C1031:68 | Tire pressure monitoring system (TPMS) system |
|------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| DETECTION CONDITION | • Error is detected in ambient temperature sensor from PCM via CAN communication. | |
| FAIL-SAFE FUNCTION | • Tire pressure monitoring system warning light illuminates after flashes. • Inhibits the TPMS control. | |
| POSSIBLE CAUSE | • Ambient temperature sensor malfunction • PCM malfunction | |
| SYSTEM WIRING DIAGRAM | — | |

Diagnostic procedure

| STEP | INSPECTION | | ACTION |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | VERIFY DTCs FOR PCM <ul style="list-style-type: none">Switch the ignition to off.Verify DTCs for the PCM using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)Is the DTC displayed? | Yes | Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DTC TABLE [SKYACTIV-D 2.2].) |
| | | No | Go to the next step. |
| 2 | INSPECT AMBIENT TEMPERATURE SENSOR <ul style="list-style-type: none">Inspect the AMBIENT TEMPERATURE SENSOR. (See AMBIENT TEMPERATURE SENSOR INSPECTION [MANUAL AIR CONDITIONER].) (See AMBIENT TEMPERATURE SENSOR INSPECTION [FULL-AUTO AIR CONDITIONER].)Is the ambient temperature sensor normal? | Yes | Go to the next step. |
| | | No | Replace the ambient temperature sensor, then go to the next step. (See AMBIENT TEMPERATURE SENSOR REMOVAL/INSTALLATION [MANUAL AIR CONDITIONER].) (See AMBIENT TEMPERATURE SENSOR REMOVAL/INSTALLATION [FULL-AUTO AIR CONDITIONER].) |
| 3 | VERIFY THAT THE SAME DTC IS NOT PRESENT <ul style="list-style-type: none">Clear the DTCs from the memory. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)Are the same DTCs present? | Yes | Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) |
| | | No | Go to the next step. |
| 4 | VERIFY THAT NO OTHER DTCs ARE PRESENT <ul style="list-style-type: none">Are any other DTCs output? | Yes | Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) |
| | | No | DTC troubleshooting completed. |