DTC P0711:00 [FW6A-EL, FW6AX-EL]

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Caution

- **Vehicle specifications differ depending on the vehicle identification number (VIN).**
  - **— Type A VIN:**
    JM0 KE**** 100001—**
    JM6 KE**** 100001—**
    JM7 KE**** 100001—**
    JM8 KE**** 100001—**
    JMZ KE**** 100001—**
    KE10 100001—**
  - **— Type B VIN:**
    JM0 KE**** 200001—**
    JM6 KE**** 200001—**
    JM8 KE**** 200001—**
    JMZ KE**** 200001—**
    KE10 200001—**

DTC P0711:00	TFT sensor range/performance problem
DETECTION CONDITION	**Type A VIN** • Under the following conditions, the ATF temperature is **40 °C {104 °F} or less**: — Certain period has elapsed since engine start. — ECU internal temperature sensor related DTC is not recorded. — Soaked for **6 hours or more**. — ECU internal temperature increases above specified temperature. **Type B VIN** • Under the following conditions, the ATF temperature is **40 °C {104 °F} or less**: — Certain period has elapsed since engine start. — ECU internal temperature sensor related DTC is not recorded. — Soaked for **6 hours or more**. — ECU internal temperature is **60 °C {140 °F} or more**. — Vehicle speed is **45 km/h {28 mph} or more.** • Under the following conditions, the ATF temperature is **120 °C {248 °F} or more**: — Certain period has elapsed since engine start. — ECU internal temperature sensor related DTC is not recorded. — Soaked for **6 hours or more**. — ECU internal temperature is **95 °C {203 °F} or less**. — Vehicle speed is **45 km/h {28 mph} or more.** **Diagnostic support note** • The check engine light illuminates if the TCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the TCM. • The automatic transaxle warning light illuminates if the TCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the TCM. • PENDING CODE is available. • FREEZE FRAME DATA is available. • DTC is stored in the TCM memory.
FAIL-SAFE FUNCTION	• Inhibits learning control. • Inhibits neutral idle control. • Inhibits i-stop control.
POSSIBLE CAUSE	• TFT sensor malfunction
SYSTEM WIRING DIAGRAM	Not applicable

Diagnostic procedure

STEP	INSPECTION		ACTION
1	**VERIFY FREEZE FRAME DATA/SNAPSHOT DATA HAS BEEN RECORDED** • Has the freeze frame data/snapshot data been recorded on the repair order?	Yes	Go to the next step.
		No	Record the freeze frame data/snapshot data on the repair order, then go to the next step.

STEP	INSPECTION		ACTION
2	**VERIFY RELATED SERVICE INFORMATION AVAILABILITY** • Verify related Service Information availability. • Is any related Service Information available?	Yes	Perform repair or diagnosis according to the available Service Information. • If the vehicle is not repaired, replace the coupler component. (See COUPLER COMPONENT REMOVAL/ INSTALLATION [FW6A-EL, FW6AX-EL].) Go to the next step.
		No	Replace the coupler component, then go to the next step. (See COUPLER COMPONENT REMOVAL/ INSTALLATION [FW6A-EL, FW6AX-EL].)
3	**VERIFY DTC TROUBLESHOOTING COMPLETED** • Clear the DTC using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FW6A-EL, FW6AX-EL].) • Perform the following procedure to ensure that the DTC has been resolved: 1. Soak for **6 hours or more**. 2. Idle the engine. • Perform the DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FW6A-EL, FW6AX-EL].) • Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [FW6A-EL, FW6AX-EL].)
		No	DTC troubleshooting completed.