DTC P079A:00 [FW6A-EL, FW6AX-EL]

id050227904400

DTC P079A:00	Shift solenoid No.3 stuck off/On/off solenoid stuck on
DETECTION CONDITION	• Under the following conditions, shift solenoid No.3 stuck-off or on/off solenoid stuck-on detected by combination of gear ratio malfunction and oil pressure switch pattern malfunction: — Engine is running. — ATF temperature is **20 °C {68 °F} or more**. — There is no difference between vehicle speed signal from DSC HU/CM and output shaft speed sensor signal. — Turbine/input shaft speed sensor and output shaft speed sensor DTC is not recorded. **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 malfunctioning gear. • Limits engine torque. • Inhibits learning control. • Inhibits manual mode. • Inhibits neutral idle control. • Inhibits i-stop control. • Inhibits AAS.
POSSIBLE CAUSE	• ATF is less than specified value • Shift solenoid No.3 malfunction • On/off solenoid malfunction • Control valve body malfunction
SYSTEM WIRING DIAGRAM	Not applicable

Diagnostic procedure

STEP	INSPECTION		ACTION
1	**VERIFY DTC OUTPUT STATUS** • Are any the following DTCs displayed? — P0762:00, P0772:00, P1738:00	Yes	Go to the applicable DTC inspection. (See DTC P0762:00 [FW6A-EL, FW6AX-EL].) (See DTC P0772:00 [FW6A-EL, FW6AX-EL].) (See DTC P1738:00 [FW6A-EL, FW6AX-EL].)
		No	Go to the next step.
2	**INSPECT ATF LEVEL** • Inspect the ATF level. (See AUTOMATIC TRANSAXLE FLUID (ATF) INSPECTION [FW6A-EL, FW6AX-EL].) • Is there any malfunction?	Yes	Adjust the ATF level to the specification, then go to the next step. (See AUTOMATIC TRANSAXLE FLUID (ATF) REPLACEMENT [FW6A-EL, FW6AX-EL].)
		No	Go to the next step.
3	**PERFORM ON-BOARD DIAGNOSTIC TEST TO SPECIFY MALFUNCTIONING PART** **Note** • If only DTCs in which the malfunctioning part is not confirmed are displayed as in the following DTCs, all of the diagnosis may not have been completed. In such cases, the malfunction cause can be determined by performing the on-board diagnostic test. • Perform the on-board diagnostic test. (See ON-BOARD DIAGNOSTIC TEST MODE [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	ATF amount in Step 2 is correct: • Replace the automatic transaxle. (See AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION [FW6A-EL].) (See AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION [FW6AX-EL].) ATF amount adjusted in Step 2: • Drive the vehicle to check it, and if there is no problem then the DTC troubleshooting is complete.