

JUDDER UPON TORQUE CONVERTER CLUTCH (TCC) OPERATION [FW6A-EL, FW6AX-EL]

id050317101900

TROUBLESHOOTING ITEM	Judder upon torque converter clutch (TCC) operation
DESCRIPTION	• Vehicle jolts when TCC is engaged.
POSSIBLE CAUSE	1. Signal malfunction — APP sensor malfunction — CKP sensor malfunction 2. Torque converter malfunction

Diagnostic procedure

STEP	INSPECTION		ACTION
1	VERIFY MALFUNCTION SYMPTOM • Is the malfunction symptom at the same level compared to a vehicle of the same model?	Yes	Symptom troubleshooting is completed.
		No	Go to the next step.
2	INSPECT SIGNAL PARTS FOR MALFUNCTION • Inspect the value at the following PCM PIDs using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) — APP (APP sensor) — RPM (CKP sensor) • Is there any malfunction?	Yes	Repair or replace any malfunctioning parts according to the inspection result.
		No	Replace the automatic transaxle. (See AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION [FW6A-EL].) (See AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION [FW6AX-EL].)