ENGINE FLARES UP OR SLIPS WHEN UPSHIFTING OR DOWNSHIFTING [FW6A-EL, FW6AX-EL]

TROUBLESHO OTING ITEM	Engine flares up or slips when upshifting or downshifting		
DESCRIPTION	• When accelerator pedal is depressed, engine speed increases normally but vehicle speed increases slowly.		
DEGOINI HON	• When accelerator pedal is depressed while driving, engine speed increases but vehicle speed does not.		
	Insufficient TCM learning		
POSSIBLE	2. Signal malfunction		
CAUSE	APP sensor malfunction		
CAUSE	CKP sensor malfunction		
	MAF sensor malfunction		

Diagnostic procedure

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