

## LOW MAXIMUM SPEED AND POOR ACCELERATION [GW6A-EL, GW6AX-EL]

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<b>TROUBLESHOOTING ITEM</b>	<b>Low maximum speed and poor acceleration</b>
<b>DESCRIPTION</b>	<ul style="list-style-type: none"><li>• Vehicle acceleration is poor at start.</li><li>• Delayed acceleration when accelerator pedal is depressed while driving.</li></ul>
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"><li>• Engine control system malfunction</li><li>• Signal malfunction<ul style="list-style-type: none"><li>— APP sensor malfunction</li><li>— CKP sensor malfunction</li><li>— MAF sensor malfunction</li></ul></li></ul>

### Diagnostic procedure

STEP	INSPECTION		ACTION
1	<b>INSPECT ENGINE CONTROL SYSTEM FOR MALFUNCTION</b> <ul style="list-style-type: none"><li>• Perform the symptom troubleshooting "NO.17 LACK/LOSS OF POWER-ACCELERATION/CRUISE". (See NO.17 LACK/LOSS OF POWER-ACCELERATION/CRUISE [SKYACTIV-D 2.2].)</li><li>• Is there any malfunction?</li></ul>	Yes	Repair or replace any malfunctioning parts according to the inspection result.
		No	Go to the next step.
2	<b>INSPECT SIGNAL PARTS FOR MALFUNCTION</b> <ul style="list-style-type: none"><li>• Inspect the value at the following PCM PIDs using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)<ul style="list-style-type: none"><li>— APP (APP sensor)</li><li>— MAF (MAF sensor)</li><li>— RPM (CKP sensor)</li></ul></li><li>• Is there any malfunction?</li></ul>	Yes	Repair or replace any malfunctioning parts according to the inspection result.
		No	Explain to the customer that the vehicle is not malfunctioning and they should keep an eye on it.