

ON-BOARD DIAGNOSTIC [LF, L3]

DTC P2119[LF, L3]

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DTC P2119	Throttle actuator control throttle body range/performance problem
DETECTION CONDITION	<p>California emission regulation applicable model</p> <ul style="list-style-type: none"> • The PCM compares the TP with the default TP when the ignition switch is off. If the different between TP is default TP is lower than threshold, the PCM determines that there is a throttle actuator control throttle body range/performance problem. <p>Diagnostic support note</p> <ul style="list-style-type: none"> • This is a continuous monitor (CCM). • The MIL illuminates if the PCM detects the above malfunction condition in the first drive cycle. • PENDING CODE is available if the PCM detects the above malfunction condition. • FREEZE FRAME DATA is available. • The DTC is stored in the PCM memory.
	<p>Except for California emission regulation applicable model</p> <ul style="list-style-type: none"> • The PCM compares the TP with the default TP when the ignition switch is off. If the TP is higher than the default TP, the PCM determines that there is a throttle actuator control throttle body range/performance problem. <p>Diagnostic support note</p> <ul style="list-style-type: none"> • This is a continuous monitor (CCM). • The MIL illuminates if the PCM detects the above malfunction condition in the first drive cycle. • PENDING CODE is available if the PCM detects the above malfunction condition. • FREEZE FRAME DATA is available. • The DTC is stored in the PCM memory.
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Throttle actuator malfunction • Throttle valve malfunction • PCM malfunction

Diagnostic procedure

STEP	INSPECTION		ACTION
1	<p>VERIFY FREEZE FRAME DATA HAS BEEN RECORDED</p> <ul style="list-style-type: none"> • Has FREEZE FRAME DATA been recorded? 	Yes	Go to the next step.
		No	Record the FREEZE FRAME DATA on the repair order, then go to the next step.
2	<p>VERIFY RELATED REPAIR INFORMATION AVAILABILITY</p> <ul style="list-style-type: none"> • Verify related Service Bulletins and/or on-line repair information availability. • Is any related repair information available? 	Yes	Perform repair or diagnosis according to the available repair information. <ul style="list-style-type: none"> • If the vehicle is not repaired, go to the next step.
		No	Go to the next step.
3	<p>INSPECT THROTTLE ACTUATOR</p> <ul style="list-style-type: none"> • Inspect the throttle actuator. (See 01-13A-7 THROTTLE BODY INSPECTION[LF, L3].) • Is there any malfunction? 	Yes	Replace the throttle body, then go to Step 5. (See 01-13A-4 INTAKE AIR SYSTEM REMOVAL/INSTALLATION[LF, L3].)
		No	Go to the next step.
4	<p>INSPECT THROTTLE VALVE</p> <ul style="list-style-type: none"> • Inspect the throttle valve. (See 01-13A-7 THROTTLE BODY INSPECTION[LF, L3].) • Is there any malfunction? 	Yes	Replace the throttle body, then go to the next step. (See 01-13A-4 INTAKE AIR SYSTEM REMOVAL/INSTALLATION[LF, L3].)
		No	Go to the next step.
5	<p>VERIFY TROUBLESHOOTING OF DTC P2119 COMPLETED</p> <ul style="list-style-type: none"> • Make sure to reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. • Turn the ignition switch to the ON position (Engine off), then off. • Is the PENDING CODE for this DTC present? 	Yes	Replace the PCM, then go to the next step. (See 01-40A-13 PCM REMOVAL/INSTALLATION[LF, L3].)
		No	Go to the next step.
6	<p>VERIFY AFTER REPAIR PROCEDURE</p> <ul style="list-style-type: none"> • Perform the "AFTER REPAIR PROCEDURE". (See 01-02A-16 AFTER REPAIR PROCEDURE[LF, L3].) • Is any DTC present? 	Yes	Go to the applicable DTC inspection. (See 01-02A-22 DTC TABLE[LF, L3].)
		No	DTC troubleshooting completed.