

DTC P0706 [FN4A-EL]

B3E050219090W07

DTC P0706	Transaxle range (TR) switch range/performance
DETECTION CONDITION	<ul style="list-style-type: none"> When all conditions below are satisfied and 100 s or more have passed. <ul style="list-style-type: none"> Engine speed 530 rpm or more Vehicle speed 20 km/h {12 mph} or more Voltage at PCM terminal 1X (Z6)/1S (LF) 0.5 V or more P, R, N, or D range/position not detected <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 two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the PCM. The PENDING CODE is available if the PCM detects the above malfunction condition during the first drive cycle. FREEZE FRAME DATA is available. The AT warning light illuminates. The DTC is stored in the PCM memory.
POSSIBLE CAUSE	<ul style="list-style-type: none"> TR switch malfunction TR switch misadjustment PCM malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED	Yes
	• Has the FREEZE FRAME DATA been recorded?	No
2	VERIFY RELATED REPAIR INFORMATION AVAILABILITY	Yes
	• Verify related Service Bulletins and/or on-line repair information availability. • Is any related repair information available?	No
3	INSPECT TR SWITCH	Yes
	• Turn the ignition switch to the LOCK position. • Disconnect the TR switch connector. • Inspect for resistance between TR switch terminals B and C (part-side). • Is the resistance normal? (See TRANSAXLE RANGE (TR) SWITCH INSPECTION.)	No
	VERIFY TROUBLESHOOTING OF DTC P0706 COMPLETED	Yes
	• Make sure to reconnect all the disconnected connectors. • Clear the DTC from the memory using the	Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [ZJ.

4	WDS or equivalent. • Drive the vehicle in each range (D and R) for 100 s or more under the following conditions: - Engine speed (RPM PID): 530 rpm or more - Vehicle speed (VSS PID): 20 km/h {12 mph} or more • Is the PENDING CODE present?		Z61. (See PCM REMOVAL/INSTALLATION [LF] .)
		No	No concern is detected. Go to the next step.
5	VERIFY AFTER REPAIR PROCEDURE • Perform the "After Repair Procedure". (See AFTER REPAIR PROCEDURE [FN4A-EL] .) • Are any DTCs present?	Yes	Go to the applicable DTC inspection.
		No	DTC troubleshooting completed.