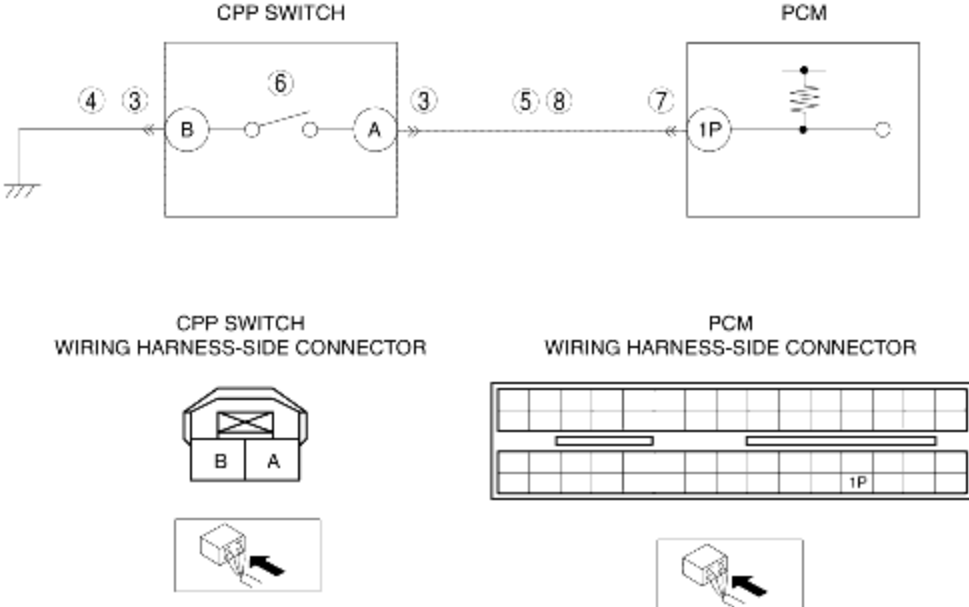


DTC P0704 [ZJ, Z6]

B3E010200700W02

DTC P0704	CPP switch input circuit problem
DETECTION CONDITION	<ul style="list-style-type: none"> The PCM monitors the input signal from the CPP switch. If the input signal does not change while following decelerating 8 times, the PCM determines that there is a CPP switch input circuit problem. <p>MONITORING CONDITION</p> <p style="text-align: center;">- Vehicle speed: from above 30 km/h {19 mph} to 30 km/h {19 mph} or less</p> <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. PENDING CODE is available if the PCM detects the above malfunction condition during the first drive cycle. FREEZE FRAME DATA is available. The DTC is stored in the PCM memory.
POSSIBLE CAUSE	<ul style="list-style-type: none"> CPP switch malfunction Connector or terminal malfunction Open circuit in wiring harness between CPP switch terminal A and PCM terminal 1P Short to GND in wiring harness between CPP switch terminal A and PCM terminal 1P Open circuit in wiring harness between CPP switch terminal B and GND PCM malfunction
<div style="text-align: center;">  </div>	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED • 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.
	VERIFY RELATED REPAIR INFORMATION	Perform repair or diagnosis according to the available repair information.

2	AVAILABILITY <ul style="list-style-type: none"> • Verify related service information availability. • Is any related repair information available? 	Yes	• If the vehicle is not repaired, go to the next step.
		No	Go to the next step.
3	INSPECT CPP SWITCH CONNECTOR FOR POOR CONNECTION <ul style="list-style-type: none"> • Turn the ignition switch off. • Disconnect the CPP switch connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion). • Is there any malfunction? 	Yes	Repair or replace the terminal, then go to Step 9.
		No	Go to the next step.
4	INSPECT CPP SWITCH GND CIRCUIT FOR OPEN CIRCUIT <ul style="list-style-type: none"> • Turn the ignition switch off. • Inspect for continuity between CPP switch terminal B (wiring harness-side) and body GND. • Is there continuity? 	Yes	Go to the next step.
		No	Repair or replace the wiring harness for a possible open circuit, then go to Step 9.
5	INSPECT CPP SWITCH SIGNAL CIRCUIT FOR SHORT TO GND <ul style="list-style-type: none"> • Turn the ignition switch off. • Inspect for continuity between CPP switch terminal A (wiring harness-side) and body GND. • Is there continuity? 	Yes	Repair or replace the wiring harness for a possible short to GND, then go to Step 9.
		No	Go to the next step.
6	INSPECT CPP SWITCH <ul style="list-style-type: none"> • Inspect the CPP switch. (See CLUTCH PEDAL POSITION (CPP) SWITCH INSPECTION [ZJ, Z6].) <ul style="list-style-type: none"> • Is there any malfunction? 	Yes	Replace the CPP switch, then go to Step 9. (See CLUTCH PEDAL REMOVAL/INSTALLATION.)
		No	Go to the next step.
7	INSPECT PCM CONNECTOR FOR POOR CONNECTION <ul style="list-style-type: none"> • Turn the ignition switch off. • Disconnect the PCM connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion). • Is there any malfunction? 	Yes	Repair or replace the terminal, then go to Step 9.
		No	Go to the next step.
8	INSPECT CPP SWITCH SIGNAL CIRCUIT FOR OPEN CIRCUIT <ul style="list-style-type: none"> • Turn the ignition switch off. • Inspect for continuity between CPP switch terminal A (wiring harness-side) and PCM terminal 1P (wiring harness-side). • Is there continuity? 	Yes	Go to the next step.
		No	Repair or replace the wiring harness for a possible open circuit, then go to the next step.
9	VERIFY TROUBLESHOOTING OF DTC P0704 COMPLETED <ul style="list-style-type: none"> • Make sure to reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the WDS or equivalent. • Drive the vehicle. • Repeat deceleration 8 times under the following conditions: <ul style="list-style-type: none"> - Vehicle speed: from above 30 km/h {19 mph} to 30 km/h {19 mph} or less • Is the PENDING CODE for this DTC present? 	Yes	Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [ZJ, Z6].)
		No	Go to the next step.
10	VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none"> • Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [ZJ, Z6].) • Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See DTC TABLE [ZJ, Z6].)
		No	DTC troubleshooting completed.