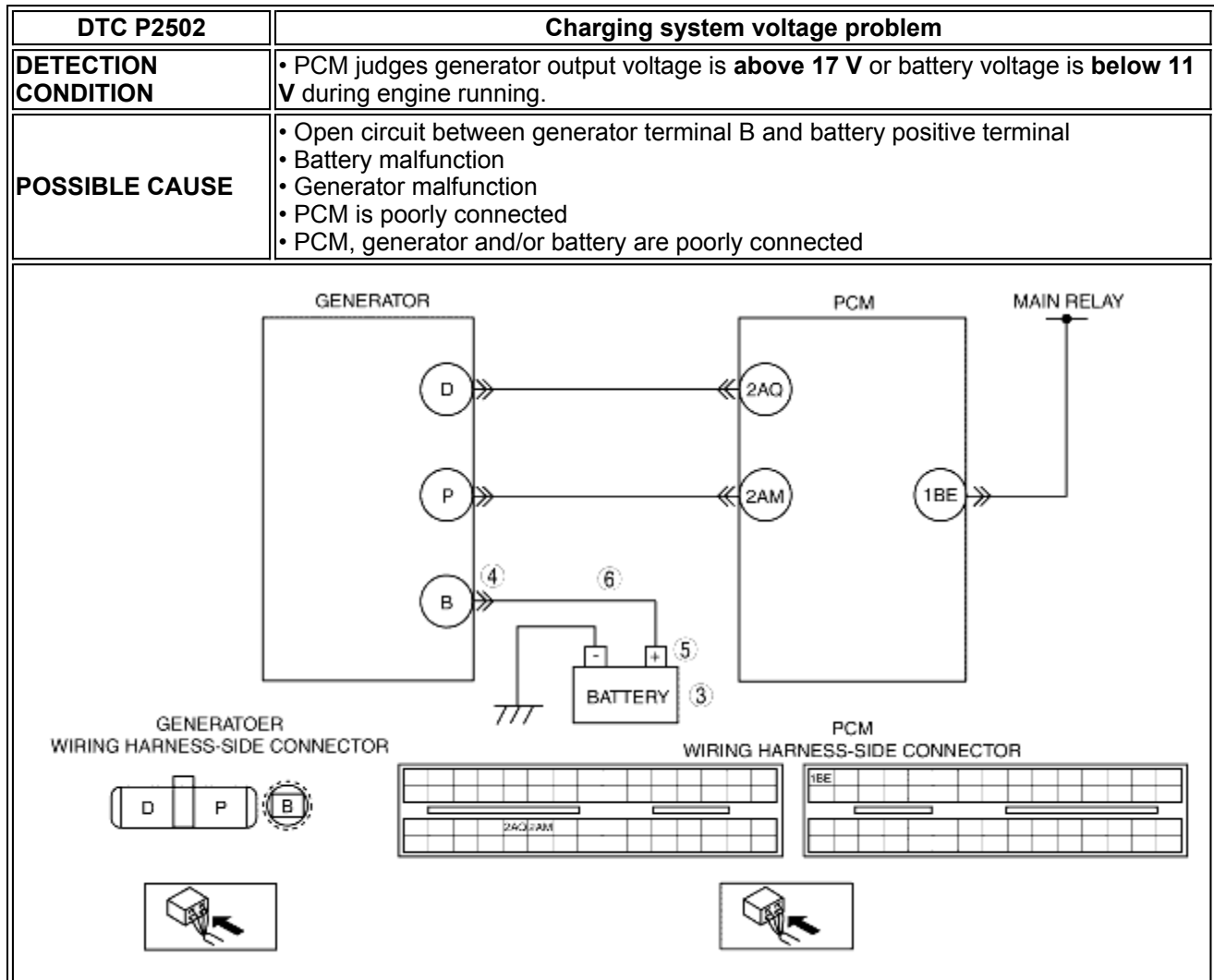


DTC P2502 [LF]

B3E010201083W03



Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED <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	VERIFY RELATED REPAIR INFORMATION AVAILABILITY <ul style="list-style-type: none"> • Verify related service repair information availability. • Is any related repair information available? 	Yes Perform repair or diagnosis according to the available repair information. • If the vehicle is not repaired, go to the next step.
		No Go to the next step.
3	INSPECT BATTERY <ul style="list-style-type: none"> • Turn the ignition switch to off. • Inspect battery. • Is battery normal? 	Yes Go to the next step.
		No Replace battery, then go to Step 7.
	INSPECT POOR INSTALLATION OF	Tighten generator terminal B installation nut, then go

4	GENERATOR TERMINAL <ul style="list-style-type: none"> • Turn the ignition switch to off. • Inspect for looseness of generator terminal B installation nut. • Is the nut loose? 	Yes	to Step 7.
		No	Go to the next step.
5	INSPECT POOR INSTALLATION OF BATTERY POSITIVE TERMINAL <ul style="list-style-type: none"> • Inspect for looseness of battery positive terminal. • Is the terminal loose? 	Yes	Connect battery positive terminal correctly, then go to Step 7.
		No	Go to the next step.
6	INSPECT BATTERY CHARGING CIRCUIT <ul style="list-style-type: none"> • Disconnect the generator terminal B. • Measure the voltage between the generator terminal B (wiring harness-side) and the body ground. • Is the voltage B+? 	Yes	Go to the next step.
		No	Repair or replace wiring harness between the generator terminal B and the battery positive terminal, then go to the next step.
7	VERIFY TROUBLESHOOTING OF DTC P2502 COMPLETED <ul style="list-style-type: none"> • Make sure to reconnect all connectors. • Clear DTC from memory using WDS or equivalent. • Start the engine. • Is same DTC present? 	Yes	Replace PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [LF] .)
		No	Go to the next step.
8	VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none"> • Perform "After Repair Procedure". (See AFTER REPAIR PROCEDURE [LF].) • Is there any DTC present? 	Yes	Go to applicable DTC troubleshooting. (See DTC TABLE [LF] .)
		No	Troubleshooting completed.