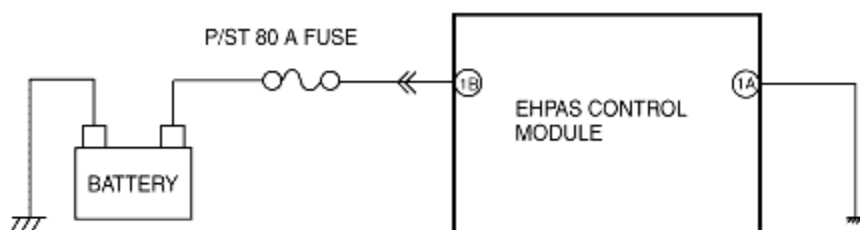

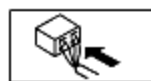


## DTC B1317, B1318

B3E060201038W04

DTC	B1317, B1318	Battery power supply
DETECTION CONDITION	• Low voltage or high voltage are detected at the voltage monitor.	
POSSIBLE CAUSE	• Open or short circuit in wiring harness between EHPAS control module terminal 1B and battery positive terminal • Battery and/or generator malfunction	

 <p>P/ST 80 A FUSE</p> <p>BATTERY</p> <p>EHPAS CONTROL MODULE</p>	
<p>EHPAS CONTROL MODULE HARNESS-SIDE CONNECTOR</p>  	

### Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT BATTERY VOLTAGE</b> • Is the battery terminal voltage normal?	Yes Make sure that battery terminal connection is okay. Go to the next step.
		No Charge or replace the battery, then go to Step 6.
2	<b>INSPECT BATTERY GRAVITY</b> • Is the battery specific gravity as specified?	Yes Go to the next step.
		No Replace the battery, then go to Step 6.
3	<b>INSPECT CHARGING SYSTEM</b> • Are the generator and drive belt tension normal?	Yes Go to the next step.
		No Replace the generator and/or drive belt if necessary. Go to step 6.
4	<b>INSPECT EHPAS CM POWER SUPPLY CIRCUIT FOR OPEN OR SHORT CIRCUIT</b> • Start the engine. • Measure the voltage between following EHPAS control module terminal (wiring harness-side) and ground.  - EHPAS control module: 1B-ground	Yes Go to the next Step.
		No Repair or replace the wiring harness for open circuit between the EHPAS control module and ground, then go to Step 6.

	• Is the voltage <b>10 V or more</b> ?		
5	<b>INSPECT EHPAS CONTROL MODULE GROUND CIRCUIT FOR POOR GROUND OR OPEN CIRCUIT</b> • Turn the ignition switch off. • Measure the resistance between the following EHPAS control module terminal (wiring harness-side) and ground.  - EHPAS control module: 1A-ground  • Is the resistance <b>within 0-1 ohm</b> ?	Yes	Go to the next step.
		No	If there is no continuity: • Repair or replace the wiring harness for open circuit between the EHPAS control module and ground, then go to the next step. If the resistance is not <b>within 0-1 ohm</b> : • Repair or replace the wiring harness for poor ground, then go to the next step.
6	<b>VERIFY THAT THE SAME DTC IS NOT PRESENT</b> • Make sure to reconnect all disconnected connectors. • Clear the DTC from the memory. (See <a href="#">Clearing DTCs Procedure</a> .) • Is the same DTC present?	Yes	Replace the electric power steering oil pump, then go to the next step. (See <a href="#">ELECTRIC POWER STEERING OIL PUMP (LF) REMOVAL/INSTALLATION</a> .)
		No	Go to the next step.
7	<b>VERIFY THAT NO OTHER DTCS ARE PRESENT</b> • Are any other DTCs output?	Yes	Go to the applicable DTC inspection. (See <a href="#">DTC Table</a> .)
		No	DTC troubleshooting completed.