

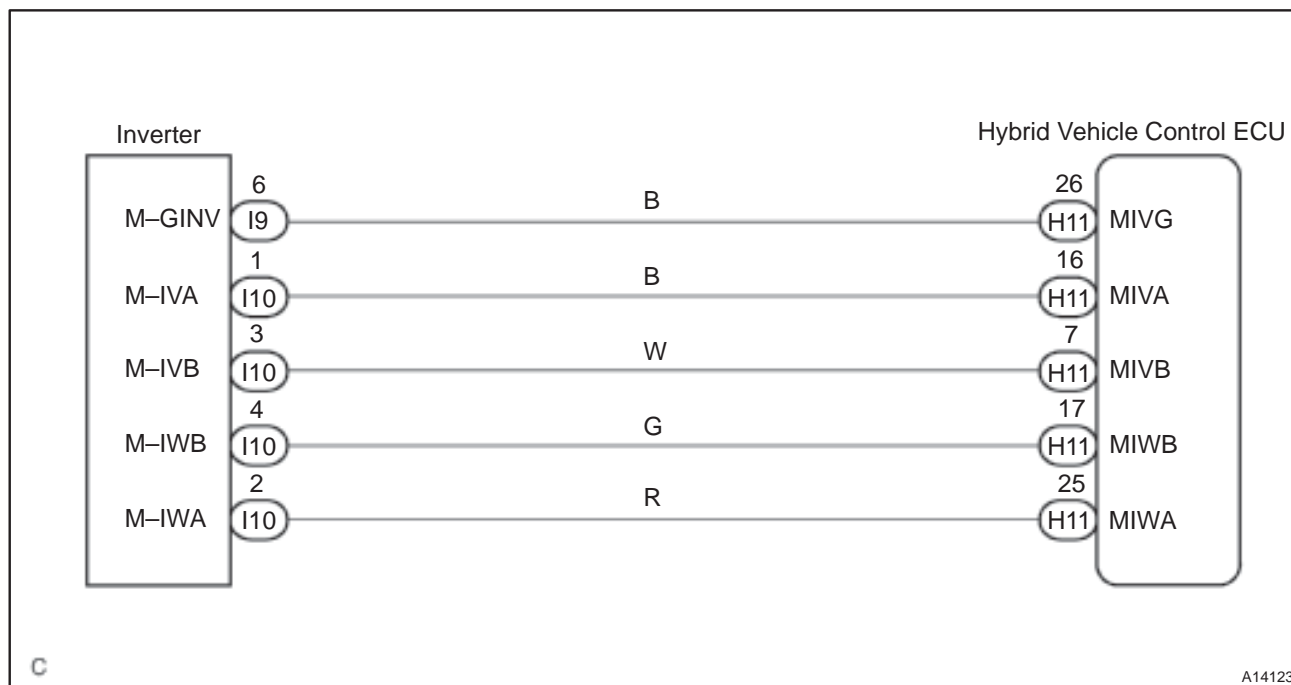
## CIRCUIT DESCRIPTION

The HV ECU detects the malfunction of the motor inverter current sensor. It detects the malfunction of the sensor system, not of the high voltage system.

**DTC P3125 – Information code 288, 289, 290, 292, 294, 296, 297, 298, 300, 302,**

INF. Code.	Detecting Condition	Trouble Area
289	Open in motor inverter current sensor (V phase sub sensor)	<ul style="list-style-type: none"> <li>• Converter &amp; inverter assembly</li> <li>• Wire harness</li> </ul>
292	Open in motor inverter current sensor (V phase main sensor)	
297	Open in motor inverter current sensor (W phase sub sensor)	
300	Open in motor inverter current sensor (W phase main sensor)	
288	Motor inverter current sensor malfunction (V phase sub sensor)	
290	Motor inverter current sensor malfunction (V phase main sensor)	
294	Motor inverter current sensor V phase performance problem	
296	Motor inverter current sensor malfunction (W phase sub sensor)	
298	Motor inverter current sensor malfunction (W phase main sensor)	
302	Motor inverter current sensor W phase performance problem	

## WIRING DIAGRAM



## INSPECTION PROCEDURE

- |          |  |
|----------|--|
| <b>1</b> | <b>Check continuity of wire harness between HV ECU and converter &amp; inverter assembly (See page <a href="#">IN-41</a>).</b> |
|----------|--|

**OK:****Continuity: Less than 1  $\Omega$** 

HV ECU Terminals	Inverter Terminals
MIVA	M-IVA
MIVB	M-IVB
MIWA	M-IWA
MIWB	M-IWB
MIVG	M-GINV

**NG****Repair or replace wire harness.****OK****Replace converter & inverter assembly.**