DTC P3140/350 HV INTERLOCK SWITCH OPERATION

CIRCUIT DESCRIPTION

If the HV control ECU detects the operation of the safety devices (removal of the service plug grip and inverter cover) while the vehicle is stopped (vehicle speed below 5 km/h [3 mph]), it will shut down the system main relays. If the safety devices are correctly reinstalled, it will resume the normal operation after the power source is supplied again. If it does not, there is a possibility of an open circuit, so perform the same inspection as the DTC P3143 (INF 351).

DTC No.	INF Code	DTC Detection Condition	Trouble Area
P3140	350	Operating safety devices with vehicle stopped (ILK signal is ON)	• Service plug grip installation • Inverter cover installation

INSPECTION PROCEDURE

1 CHECK SERVISE PLUG GRIP INSTALLATION

(a) Check that the service plug grip has been installed properly.
Standard: The service plug grip has been installed properly

NG → CORRECTLY REINSTALL

OK

2 CHECK INVERTER COVER INSTALLATION

(a) Check that the inverter cover has been installed properly.
Standard: The Inverter cover has been installed properly

NG → CORRECTLY REINSTALL

OK

GO TO DTC P3143/351 (see page 05–604)