

## DTC Advanced Diagnostics: U0122-00

### DTC U0122-00: F-CAN Malfunction (EPS Control Unit-VSA/ABS Modulator-Control Unit)

#### NOTE

- Initial Diagnosis:

The initial on-board diagnosis occurs right after the vehicle condition is turned to the ON mode, and the EPS indicator comes on, and continues until the indicator goes off.

- Regular Diagnosis:

The regular on-board diagnosis begins right after the EPS indicator goes off, and it continues until the vehicle condition is turned to the OFF (LOCK) mode.

- Review "How to troubleshoot the EPS" before doing the DTC troubleshooting procedure.

- Test-drive the vehicle according to local traffic conditions and regulations. Do not test-drive on a lift unless specified.

- The possible causes shown may not be a complete list of all potential problems, and it is possible that there may be other causes.

Confirmation Procedure	Basic Condition: <ul style="list-style-type: none"><li>● 12 volt battery voltage 10 - 16 V</li><li>● IG voltage continued more than 10 V for at least 1 second</li></ul> Operating Condition: <ol style="list-style-type: none"><li>1. Turn the vehicle to the ON mode.</li><li>2. Turn the vehicle to the OFF (LOCK) mode.</li><li>3. Turn the vehicle to the ON mode and wait more than 9 seconds.</li></ol>
Execution	Initial Diagnosis/Regular Diagnosis
Duration	About 9 seconds
DTC Type	<ul style="list-style-type: none"><li>● 1 drive cycle</li><li>● EPS indicator on</li></ul>
Fail Safe Action	<ul style="list-style-type: none"><li>● Continue EPS function/assist (Limited assist) (Continue system diagnosis: EPS function/assist will return to normal after the system returns to normal)</li></ul>
Possible Cause	<ul style="list-style-type: none"><li>● F-CAN lines failure</li><li>● CAN gateway internal failure</li><li>● VSA modulator-control unit internal failure</li><li>● EPS motor/control unit internal failure</li></ul>