

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

- Use these procedures to troubleshoot the active torque control 4WD system.
- *: Use the intelligent tester (with CAN VIM).

1 VEHICLE BROUGHT TO WORKSHOP

NEXT

2 INSPECT BATTERY VOLTAGE

Standard voltage:

11 to 14 V

If the voltage is below 11 V, recharge or replace the battery before proceeding.

NEXT

3 CHECK COMMUNICATION FUNCTION OF CAN COMMUNICATION SYSTEM*

- (a) Use the intelligent tester (with CAN VIM) to check if the CAN communication system is functioning normally.

Result

Result	Proceed to
CAN DTC is not output	A
CAN DTC is output	B

B

Go to CAN COMMUNICATION SYSTEM

A

4 CHECK INDICATOR LIGHT

NEXT

5 CHECK DTC*

- (a) Check for DTCs (see page [TF-16](#)).
 (b) Clear the DTCs.
 (c) Recheck for DTCs.

Result

Result	Proceed to
DTC dose not reoccur	A
DTC dose reoccur	B

B

GO TO STEP 8

TF

A

6 PROBLEM SYMPTOMS TABLE

Result

Result	Proceed to
Fault not listed in problem symptoms table	A
Fault listed in problem symptoms table	B

B Go to step 8

A

7 OVERALL ANALYSIS AND TROUBLESHOOTING*

- (a) Terminals of ECU (see page [TF-14](#)).
- (b) DATA LIST / ACTIVE TEST (see page [TF-18](#)).

NEXT

8 REPAIR OR REPLACE

NEXT

9 CONFIRMATION TEST

NEXT

END

TF