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Model Year Start: 2016	Model: LX570	Prod Date Range: [09/2015 -]
Title: JF2A TRANSFER / 4WD / AWD: TRANSFER SYSTEM: HOW TO PROCEED WITH TROUBLESHOOTING; 2016 - 2018 MY LX570 [09/2015 -]		

HOW TO PROCEED WITH TROUBLESHOOTING

CAUTION / NOTICE / HINT

HINT:

- Use the following procedure listed to troubleshoot the transfer system.
- *: Use the Techstream.

PROCEDURE

1. VEHICLE BROUGHT TO WORKSHOP

NEXT



2. CUSTOMER PROBLEM ANALYSIS

NEXT



3. INSPECT BATTERY VOLTAGE

Standard Voltage:

11 to 14 V

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

NEXT



4. CHECK COMMUNICATION FUNCTION OF CAN COMMUNICATION SYSTEM*

(a) Use the Techstream to check if the CAN communication system is functioning normally.

Click here [INFO](#) [INFO](#)

HINT:

The ECU of this system is connected to the CAN communication system.

Therefore, before starting troubleshooting, make sure to check that there is no trouble in the CAN communication system.

RESULT	PROCEED TO
CAN DTCs are not output	A
CAN DTCs are output	B

A



5. CHECK DTC AND FREEZE FRAME DATA*

(a) Check for DTCs.

Click here [INFO](#)

(b) Check for freeze frame data.

HINT:

Record or print DTCs and freeze frame data if necessary.

(c) Clear the DTCs and freeze frame data.

Click here [INFO](#)

(d) Recheck for DTCs.

Click here [INFO](#)

(1) Simulate the malfunction condition and check if the DTCs are output again.

RESULT	PROCEED TO
DTCs are not output	A
DTCs are output	B

B

▶ **GO TO STEP**
10

A



6. PROBLEM SYMPTOMS TABLE

(a) Refer to Problem Symptoms Table.

Click here [INFO](#)

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.

Click here [INFO](#)

(b) Data List / Active Test.

Click here [INFO](#)

NEXT
▼

8.	REPAIR OR REPLACE
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NEXT
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9.	CONFIRMATION TEST
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NEXT ► END

10.	GO TO DTC CHART
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NEXT ► GO TO STEP
8

