

Last Modified: 12-21-2017	6.8:8.0.48	Doc ID: RM100000000T2WX
Model Year Start: 2016	Model: LX570	Prod Date Range: [09/2015 -]
Title: AE80F AUTOMATIC TRANSMISSION / TRANSAXLE: VALVE BODY ASSEMBLY: INSPECTION; 2016 - 2018 MY LX570 [09/2015 -]		

INSPECTION

PROCEDURE

1. INSPECT SHIFT SOLENOID VALVE SL1

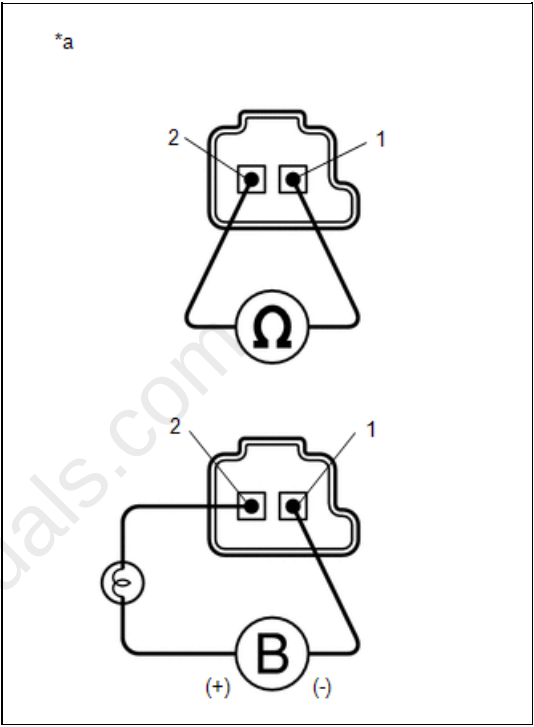
(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
1 - 2	20°C (68°F)	5.0 to 5.6 Ω

Text in Illustration

*a	Component without harness connected (Shift Solenoid Valve SL1)
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(b) Connect the positive (+) lead with a 21 W bulb to terminal 2 and the negative (-) lead to terminal 1 of the shift solenoid valve SL1 connector, then check the movement of the valve.

OK:

The solenoid makes an operating sound.

If the result is not as specified, replace the shift solenoid valve SL1.

2. INSPECT SHIFT SOLENOID VALVE SL2

HINT:

Refer to the procedures for the shift solenoid valve SL1.

3. INSPECT SHIFT SOLENOID VALVE SL3

HINT:

Refer to the procedures for the shift solenoid valve SL1.

4. INSPECT SHIFT SOLENOID VALVE SL4

HINT:

Refer to the procedures for the shift solenoid valve SL1.

5. INSPECT SHIFT SOLENOID VALVE SL5

HINT:

Refer to the procedures for the shift solenoid valve SL1.

6. INSPECT SHIFT SOLENOID VALVE SLU

HINT:

Refer to the procedures for the shift solenoid valve SL1.

7. INSPECT SHIFT SOLENOID VALVE SLT

HINT:

Refer to the procedures for the shift solenoid valve SL1.

8. INSPECT SHIFT SOLENOID VALVE SC1

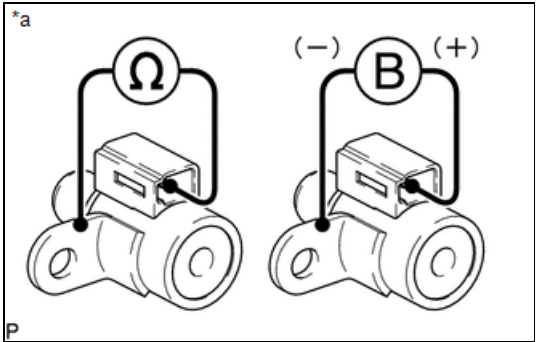
(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Shift solenoid valve SC1 connector terminal - Shift solenoid valve SC1 body	15 to 25°C (59 to 77°F)	11 to 15 Ω

Text in Illustration

*a	Component without harness connected (Shift Solenoid Valve SC1)
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(b) Connect the positive (+) lead to the terminal of the shift solenoid valve SC1 connector, and the negative (-) lead to the shift solenoid valve SC1 body.

OK:

The solenoid makes an operating sound.

If the result is not as specified, replace the shift solenoid valve SC1.

9. INSPECT SHIFT SOLENOID VALVE SC2

HINT:

Refer to the procedures for the shift solenoid valve SC1.