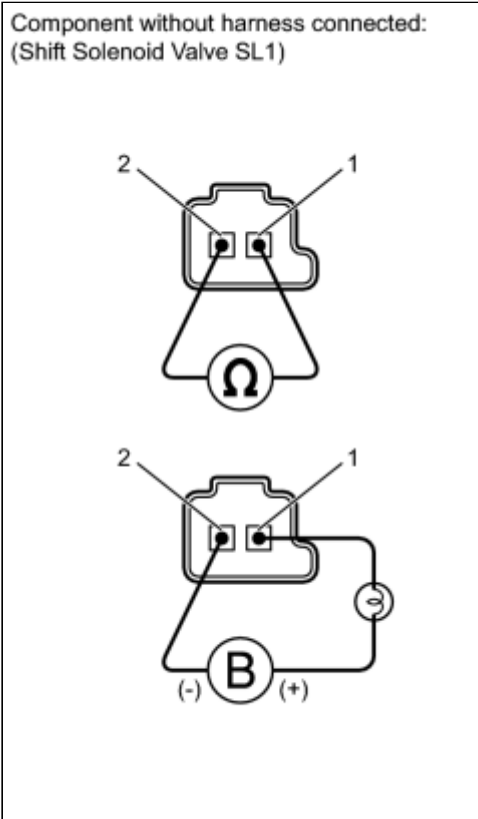


Last Modified: 11-27-2007		1.6 G
Service Category: Drivetrain	Section: Automatic Transmission/Transaxle	
Model Year: 2008	Model: LX570	Doc ID: RM000000ODH01JX
Title: AB60F AUTOMATIC TRANSMISSION / TRANSAXLE: VALVE BODY ASSEMBLY: INSPECTION (2008 LX570)		

INSPECTION

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

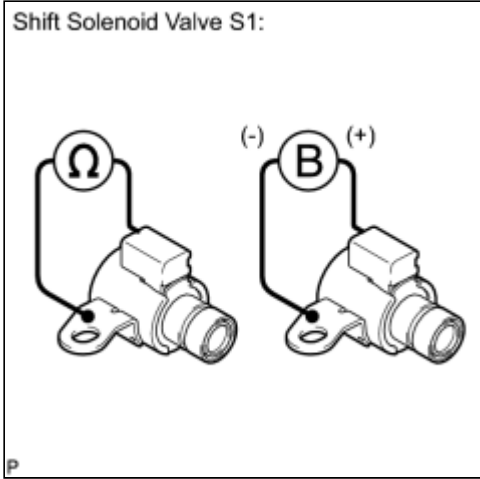
(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) with a 21 W bulb → Terminal 1 Battery negative (-) → Terminal 2	Valve moves and makes an operating noise

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

2. INSPECT SHIFT SOLENOID VALVE S1



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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Shift solenoid valve S1 connector terminal - Shift solenoid valve S1 body	20°C (68°F)	11 to 15 Ω

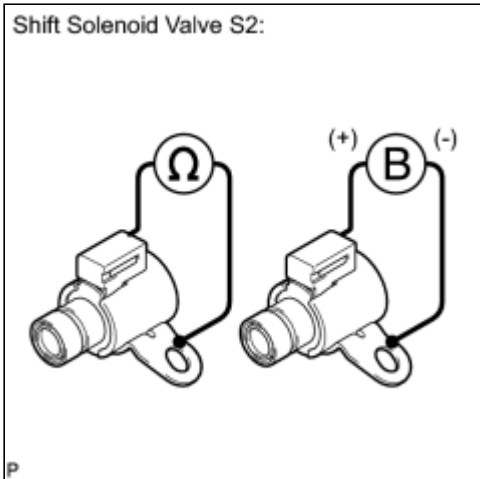
(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Shift solenoid valve S1 connector Battery negative (-) → Shift solenoid valve S1 body	Valve moves and makes an operating noise

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

3. INSPECT SHIFT SOLENOID VALVE S2



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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Shift solenoid valve S2 connector terminal - Shift solenoid valve S2 body	20°C (68°F)	11 to 15 Ω

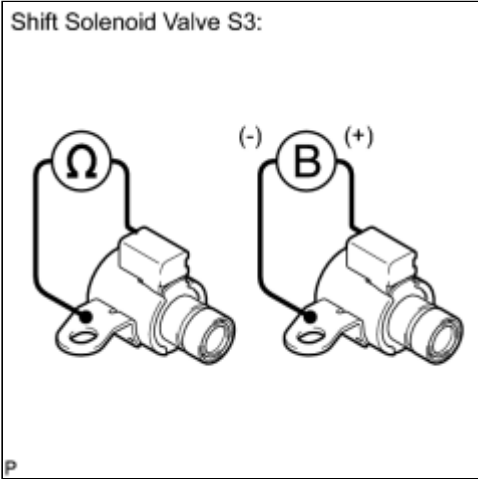
(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Shift solenoid valve S2 connector Battery negative (-) → Shift solenoid valve S2 body	Valve moves and makes an operating noise

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

4. INSPECT SHIFT SOLENOID VALVE S3



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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Shift solenoid valve S3 connector terminal - Shift solenoid valve S3 body	20°C (68°F)	11 to 15 Ω

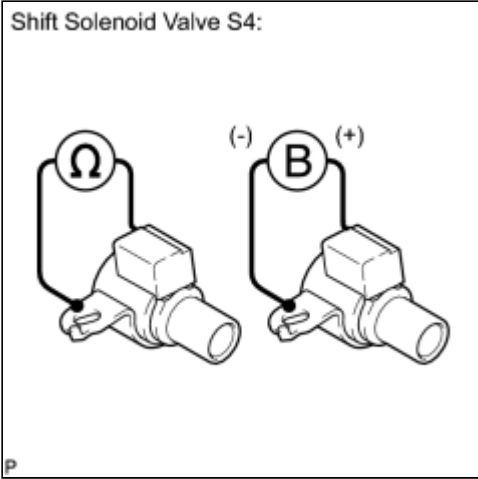
(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Shift solenoid valve S3 connector Battery negative (-) → Shift solenoid valve S3 body	Valve moves and makes an operating noise

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

5. INSPECT SHIFT SOLENOID VALVE S4



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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Shift solenoid valve S4 connector terminal - Shift solenoid valve S4 body	20°C (68°F)	11 to 15 Ω

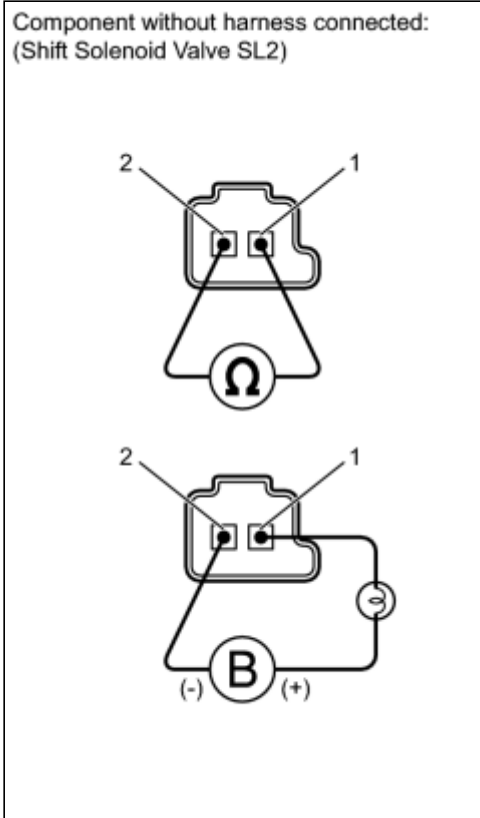
(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Shift solenoid valve S4 connector Battery negative (-) → Shift solenoid valve S4 body	Valve moves and makes an operating noise

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

6. INSPECT SHIFT SOLENOID VALVE SL2



(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

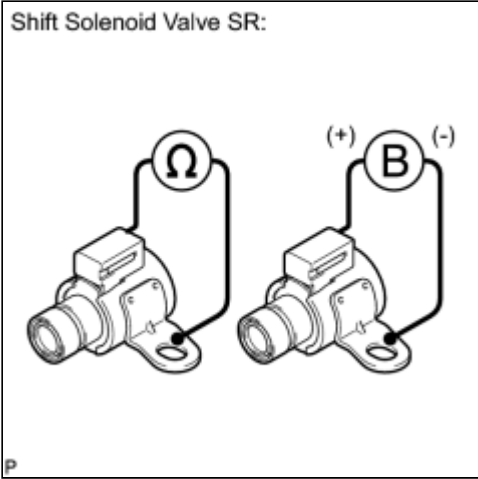
(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) with a 21 W bulb → Terminal 1 Battery negative (-) → Terminal 2	Valve moves and makes an operating noise

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

7. INSPECT SHIFT SOLENOID VALVE SR



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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Shift solenoid valve SR connector terminal - Shift solenoid valve SR body	20°C (68°F)	11 to 15 Ω

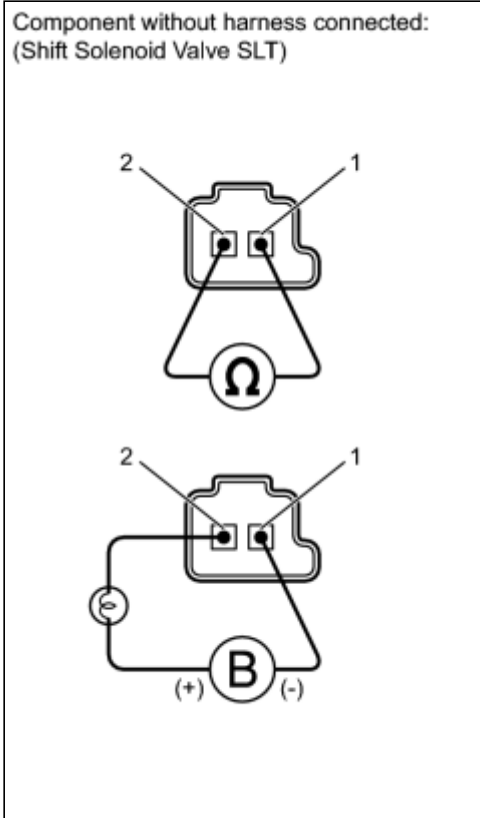
(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Shift solenoid valve SR connector Battery negative (-) → Shift solenoid valve SR body	Valve moves and makes an operating noise

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

8. INSPECT SHIFT SOLENOID VALVE SLT



(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

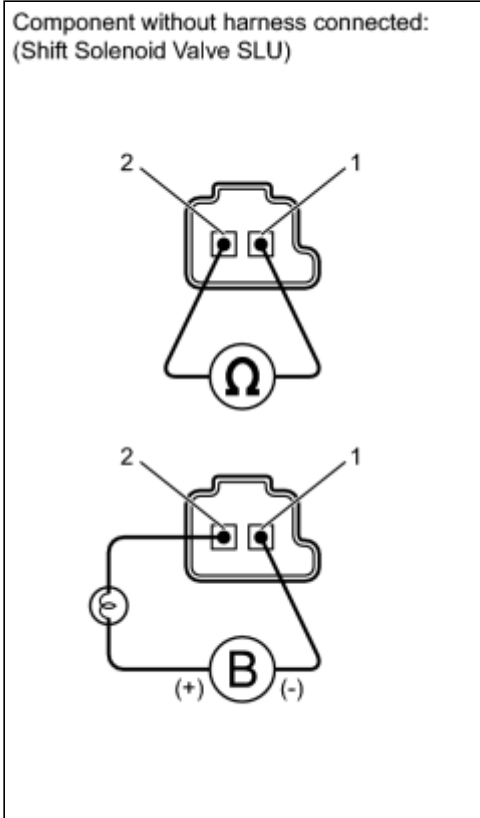
(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) with a 21 W bulb → Terminal 2 Battery negative (-) → Terminal 1	Valve moves and makes an operating noise

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

9. INSPECT SHIFT SOLENOID VALVE SLU



(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

(b) Apply 12 V battery voltage to the shift solenoid valve and check that the valve moves and makes an operating noise.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) with a 21 W bulb → Terminal 2 Battery negative (-) → Terminal 1	Valve moves and makes an operating noise

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

