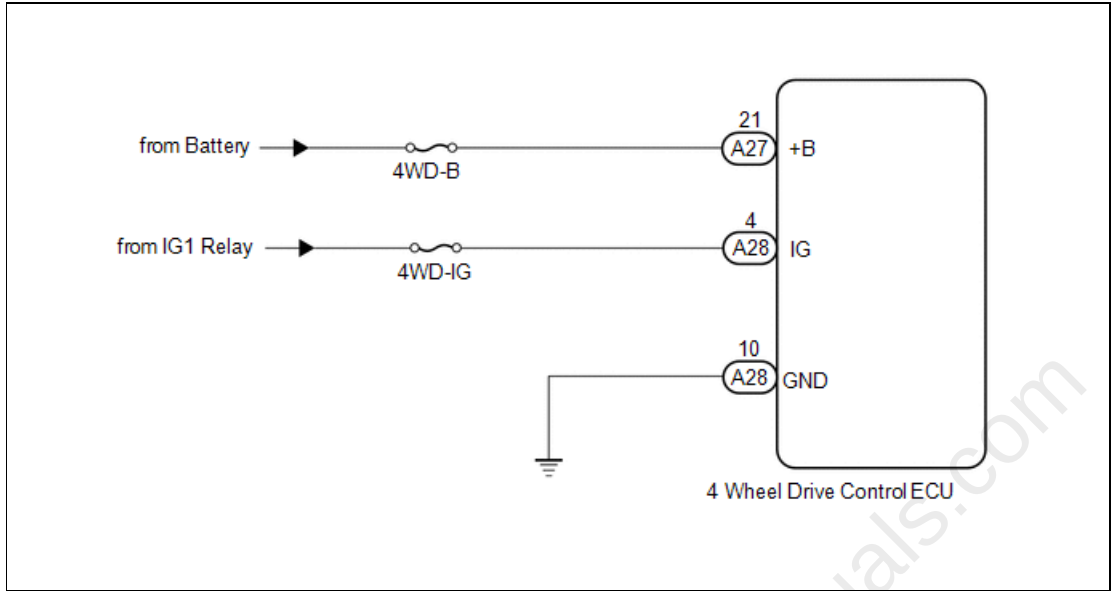


Last Modified: 12-21-2017	6.8:8.0.48	Doc ID: RM100000000T2ZZ
Model Year Start: 2016	Model: LX570	Prod Date Range: [09/2015 -]
Title: JF2A TRANSFER / 4WD / AWD: TRANSFER SYSTEM: ECU Power Source Circuit; 2016 - 2018 MY LX570 [09/2015 -]		

ECU Power Source Circuit

WIRING DIAGRAM



CAUTION / NOTICE / HINT

NOTICE:
 Inspect the fuses for circuits related to this system before performing the following inspection procedure.

PROCEDURE

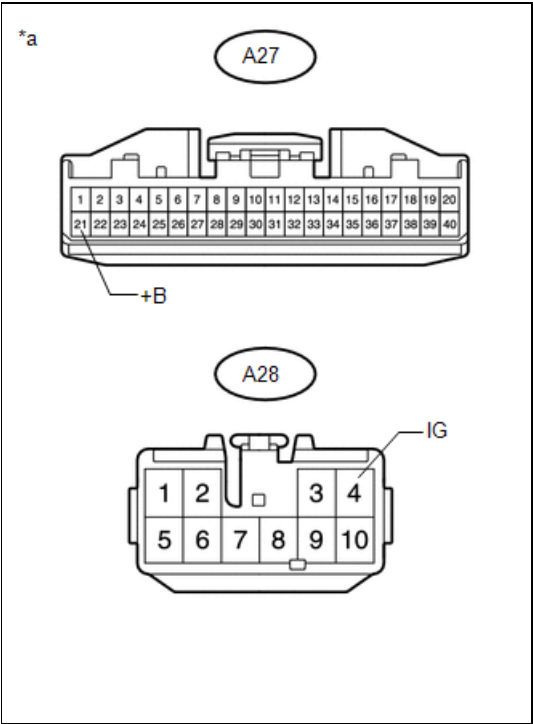
1.	INSPECT BATTERY
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- (a) Check the battery voltage.
- Standard voltage:
 11 to 14 V

NG CHECK OR REPLACE CHARGING SYSTEM OR BATTERY

OK

2.	CHECK HARNESS AND CONNECTOR (+B AND IG TERMINAL)
----	--



- (a) Turn the engine switch off.
- (b) Disconnect the A27 and A28 4 wheel drive control ECU connectors.
- (c) Measure the voltage according to the value(s) in the table below.

Standard Voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A27-21 (+B) - Body ground	Always	11 to 14 V
A28-4 (IG) - Body ground	!Engine switch on (IG)	11 to 14 V

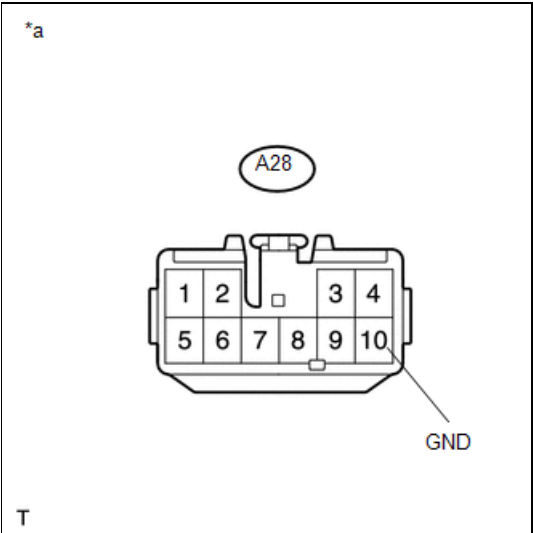
Text in Illustration

*a	Front view of wire harness connector (to 4 Wheel Drive Control ECU)
----	--

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (+B AND IG CIRCUIT)

OK

3.	CHECK HARNESS AND CONNECTOR (GND TERMINAL)
----	--



- (a) Turn the engine switch off.
- (b) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A28-10 (GND) - Body ground	Always	Below 1 Ω

Text in Illustration

^a	Front view of wire harness connector (to 4 Wheel Drive Control ECU)
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- OK** ► PROCEED TO NEXT SUSPECTED AREA SHOWN IN PROBLEM SYMPTOMS TABLE
- NG** ► REPAIR OR REPLACE HARNESS OR CONNECTOR (GND CIRCUIT)