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

DIAGNOSIS SYSTEM

1. DESCRIPTION

The 4 wheel drive control ECU records DTCs when the ECU detects a malfunction in the ECU itself or in system circuits.

The DTCs can be read through the DLC3 of the vehicle. When the system seems to be malfunctioning, use the Techstream to check for malfunctions and perform troubleshooting.

2. CHECK DLC3

- (a) Inspect the battery voltage.

Standard voltage:

11 to 14 V

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

- (b) Check the DLC3 (See page [INFO](#)).

3. FUNCTION OF INDICATOR LIGHT

- (a) When a malfunction occurs in the transfer system, the 4LO indicator light rapidly blinks, and the center differential lock indicator light rapidly blinks to inform the user of the malfunction.

Rapidly blinking: Blinks at 0.25 second intervals (0.25 seconds on and 0.25 seconds off)

- (b) The illumination state of the indicator lights and sounding state of the buzzers when a DTC is output.

DTC NO.	SWITCHING MODE	4LO INDICATOR LIGHT	CENTER DIFFERENTIAL LOCK INDICATOR LIGHT	BUZZER
U0100	-	Rapidly blinking	State of center differential indicated	-
U0122	Switching between transfer high and low	Rapidly blinking or state of transfer indicated	State of center differential indicated	-
	Center differential switching between free and lock	State of transfer indicated	Blinks 3 times	Sounds 3 times
U0416	Switching between transfer high and low	Rapidly blinking or state of transfer indicated	State of center differential indicated	-
	Center differential switching between free and lock	State of transfer indicated	Blinks 3 times	Sounds 3 times
P163B	-	Rapidly blinking	Rapidly blinking	-
P17A8	Switching between transfer high and low	Rapidly blinking	Rapidly blinking	-
P17A9	-	Rapidly blinking	Rapidly blinking	-
P17AA	-	Rapidly blinking	Rapidly blinking	-
P17AC	ECU activated	Rapidly blinking	Rapidly blinking	-
	Switching between transfer high and low	Rapidly blinking	State of center differential indicated	-
P17D0	-	State of transfer indicated	Rapidly blinking	-
P17DE	Center differential switching between free and lock	Rapidly blinking	Rapidly blinking	-
P17DF	ECU activated	Rapidly blinking	Rapidly blinking	-
	Center differential switching between free and lock	State of transfer indicated	Rapidly blinking	-

Blinking: Blinks at 0.5 second intervals (0.5 seconds on and 0.5 seconds off)

Rapidly blinking: Blinks at 0.25 second intervals (0.25 seconds on and 0.25 seconds off)