



FORM NO. SENB8366-01
FOR USE IN SERVICE MANUAL:
F25, F30, F35, FC40-SENB8250
EPT15T, EP18T, EP20T-SENB8580
EP13T, EP15T, EP18T-SENB8585
LIFT TRUCKS.

RUN TIME DIAGNOSTICS	
WHILE OPERATING THE TRUCK THE FOLLOWING INDICATES:	
LED DISPLAY	PROBLEM
E	STATIC RETURN TO OFF, CYCLE DIR SW CONTROLLER OVERHEATED. LET COOL POWER CIRCUIT FAILURE. SEE MANUAL NO DISPLAY - CHECK DRIVE FUSES WHEEL ANGLE TRANSDUCER FAILURE OR DISCONNECTION.
C	
F	
A	
FLASHING E	VEHICLE POWERED-UP, SEAT SWITCH OPEN

SYSTEMS CHECK WITH STATIC DIAGNOSTICS

DISCONNECT BATTERY PRIOR TO DISCONNECTING DRIVE & PUMP FUSES
SLIDE SWITCH IN LOGIC BOX TO DIAGNOSTIC POSITION
(AWAY FROM CENTERLINE OF TRUCK)

Schematic

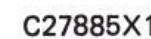
F25, F30, F35, FC40
EP13T, EP15T, EP18T, EP20T
Lift Trucks MicroCommand
Control System

CIRCUIT		PROCEDURE	LED DISPLAY	
			PASS	FAIL
A	INTERNAL CIRCUITRY	CONNECT BATTERY, KEY SWITCH "ON"	dor l	F Δ
B	DRIVE FUSE OUT	CONNECT BATTERY, KEY SWITCH "ON"	1	d
C	SEAT SWITCH	CYCLE SEAT SWITCH	2	1 Δ
D	DIRECTION SWITCH	CYCLE THROUGH NEUTRAL, REV, FWD	3	2 Δ
E	LIFT LEVER SWITCH	PULL LEVER TO MAX LIFT AND RELEASE	4	3 Δ
F	ACCELERATOR SW	ACCEL PEDAL TO MAX AND RELEASE	5	4 Δ
G	STEERWHEEL SENSOR	TURN STEER WHEEL CW MAX, CCW MAX, THEN CENTER	6	5 Δ
H	BATT VOLTAGE	CHECKED AUTOMATICALLY IN PREVIOUS TEST	7	6 Δ
J	LINE CTR	SLIDE SWITCH TO "RUN" POSITION, THEN "DIAG"	8 ‡	-
K	LIFT CTR	SLIDE SW TO "RUN" POSITION, THEN "DIAG"	9 *	-
L	BY-PASS CTR	SLIDE SW TO "RUN" POSITION, THEN "DIAG"	A *	-
M	DIRECTION CTR, R	SLIDE SW TO "RUN" POSITION, THEN "DIAG"	B *	-
N	DIRECTION CTR, L	SLIDE SW TO "RUN" POSITION	C *	-
* CONTACTOR WILL CLOSE WITH SWITCH IN "RUN" AND REOPEN WHEN SWITCH IS IN "DIAG" (AT THIS POINT, LED DOES NOT INDICATE PASS/FAIL CONDITION) + CONTACTOR WILL REMAIN IN UNTIL LIFT CTR TEST IS COMPLETE DISCONNECT BATTERY PRIOR TO RE-CONNECTING FUSES. SLIDE-SWITCH SHOULD BE IN "RUN" POSITION. FASTEN LOGIC BOX COVER Δ FAILURE MAY BE OVERRIDDEN BY SLIDING SWITCH TO RUN POSITION AND BACK TO DIAGNOSTIC POSITION. SEE OPERATORS MANUAL FOR FURTHER EXPLANATION				

C27886P1



36 VOLT:
5DB2147-UP
5FB1291-UP
4SM1-UP
6MM1-UP
48 VOLT:
5CB2105-UP
5EB1327-UP
2NM1-UP
5TM1-UP



Full Version Available

Caterpillar F25 Forklift Electrical Schematic (SENB8366)

Caterpillar F25 Forklift wiring schematic, covers circuit routing, connectors, wire colors, and diagnostics. Instant PDF download.

VIEW THE FULL MANUAL

<https://machinecatalogic.com/caterpillar-f25-forklift-electrical-schematic-senb8366/>