9050B Excavator

Service Manual

7-64192

CASE

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ITEM	DESCRIPTION
1.	LIGHTER
2.	SPEAKER
3.	ANTENNA
4.	RADIO
5.	CONTROLLER
6.	FUSE BOX
7.	CONSOLE (LEFT HAND)
8.	SWITCH, HEAT START
9.	LIMIT SWITCH (GATE)
10.	LIMIT SWITCH (CONSOLE)
11.	HORN
12.	CONSOLE (RIGHT HAND)
13.	SWITCH, ONE TOUCH IDLE
14.	TRAVEL SPEED SELECTOR
15.	DISPLAY MONITOR
16.	THROTTLE MOTOR DRIVER
17.	KEY SWITCH
18.	RELAYS (11 INTERCHANGEABLE)
19.	HEATER
20.	FAN (CAB)
21.	FAN SWITCH (CAB)
22.	FUSE (20AMP) AIR CONDITIONER
23.	WIPER MOTOR DIODE
24.	WIPER MOTOR
25.	AUXILIARY SWITCH
26.	AC MAGNET DIODE
27.	CUSHION PILOT PRESSURE
28.	9 SOLENOID VALVE BANK
29.	SWING BRAKE RELEASE SOLENOIDS
30.	FREE SWING VALVE
31.	CLUTCH SWITCH
32.	MAGNET CLUTCH
33.	BUZZER
34.	WASHER MOTOR DIODE
35.	WASHER MOTOR
36.	HORN
37.	HORN
38.	WORK LAMP UPPER
39.	WORK LAMP BOOM
40.	HYDRAULIC PUMP CONTROL
41.	THERMO SWITCH, ETHER
42.	ETHER START DIODE
43.	BOOM PRIORITY
44.	THROTTLE MOTOR
45.	FUSE (10AMP) KEY SWITCH BACK UP
46.	BATTERY LEVEL SENSOR
47.	BATTERY
48.	BATTERY
49.	FUSE (60AMP) MAIN
50.	BATTERY RELAY
51.	FUSE (15AMP) SHUT DOWN
52.	ENGINE
53.	SAFETY RELAY
54.	STARTER RELAY
55.	ETHER START SOLENOID
56.	ETHER START SWITCH
57.	POWER BOOST
58.	WATER TEMP SENSOR
59.	ENGINE STOP
60.	HYDRAULIC OIL TEMP SENSOR
61.	FUEL LEVEL SENSOR
62.	THERMO SWITCH (HYDRAULIC)
63.	COOLANT LEVEL
64.	AIR FILTER VACUUM SENSOR
65.	AIR PRESSURE SUMP TANK
66.	BOOM PILOT PRESSURE SWITCH (BOOM DOWN)
67.	SWING PILOT PRESSURE SWITCH
68.	TRAVEL PILOT PRESSURE SWITCH
69.	UPPER PILOT PRESSURE SWITCH
70.	BOOM PILOT PRESSURE SWITCH (BOOM UP)

CONNECTOR LOCATION ON BACK OF CONTROLLER

LEGEND

- CONNECTED
- NOT CONNECTED
- BOOT GROUND
- CABLE GROUND
- SINGLE WIRE CONNECTOR
- HARNESS
- CONNECTOR (FEMALE)
- CONNECTOR (MALE)
- INDICATES COLOR BAND ON LINE
- INDICATES CONSTANT POWER
- INDICATES POWER WHEN KEY SWITCH IS ON

CN12 (R)

CONNECTOR NUMBER (OUTSIDE CAB) / CONNECTOR LETTER (LOCATED IN CAB) / COLOR OF CONNECTOR (IF NOT INDICATED COLOR IS WHITE)

402 B 001

AREA / COLOR — CIRCUIT NUMBER

TABLE OF COLOR SYMBOLS

SYMBOL	COLOR
B	BLACK
W	WHITE
Br	BROWN
P	PINK
V	VIOLET
G	GREEN
O	ORANGE
R	RED
Y	YELLOW
Lg	LIGHT GREEN
Bu	SKY BLUE
L	BLUE
Gr	GRAY

NOTES:
1. "/" INDICATES SLASH CABLE WITH TRACER STRIPE.
2. WATERPROOF CONNECTORS USED OUTSIDE OF CAB.

9050B, EXCAVATOR ELECTRICAL SCHEMATIC

Part Number 7-11340

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