40XT
SKID STEER

Service Manual

6-45080

CASE

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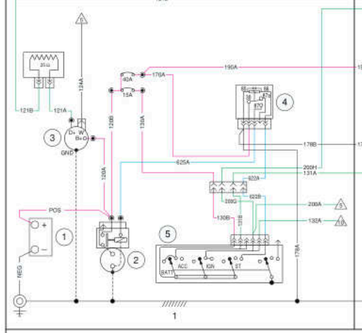
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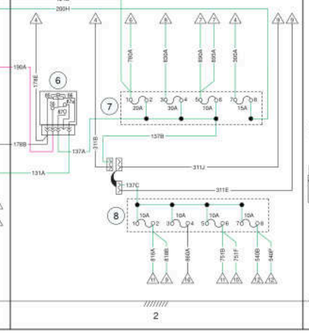
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STARTING SYSTEM



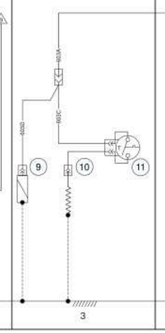
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POWER DISTRIBUTION



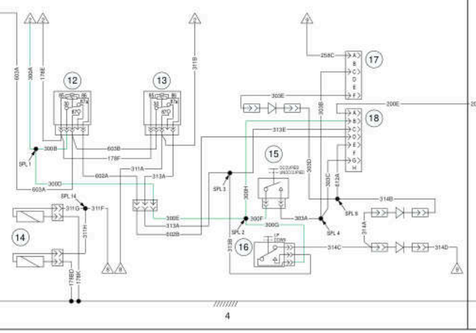
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FUEL SUPPLY SYSTEM



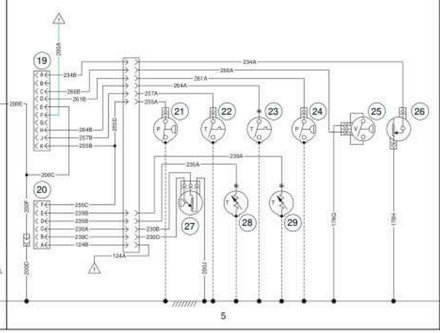
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SAFETY INTERLOCK SYSTEM



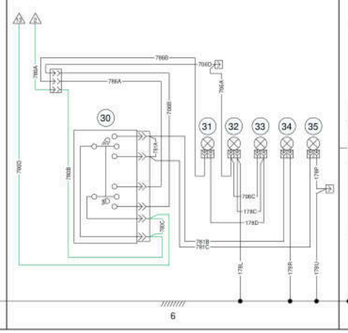
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INSTRUMENT CLUSTER



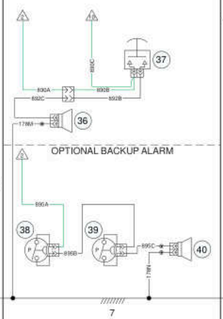
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STANDARD LAMPS



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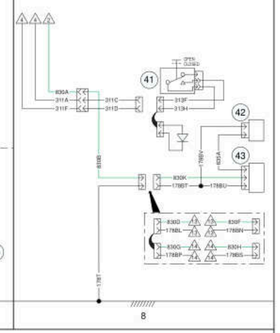
OPTIONAL HORN



OPTIONAL BACKUP ALARM

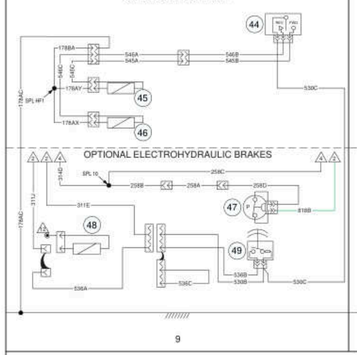
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OPTIONAL FRONT DOOR



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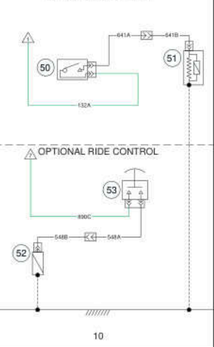
OPTIONAL HIGH FLOW



OPTIONAL ELECTROHYDRAULIC BRAKES

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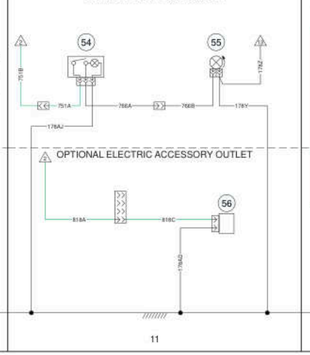
OPTIONAL COLD START



OPTIONAL RIDE CONTROL

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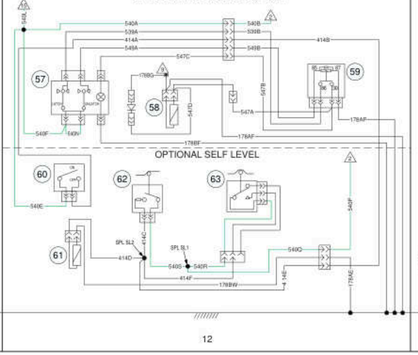
OPTIONAL ROTATING BEACON



OPTIONAL ELECTRIC ACCESSORY OUTLET

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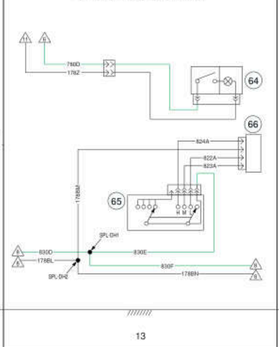
OPTIONAL HYDRAULIC COUPLER



OPTIONAL SELF LEVEL

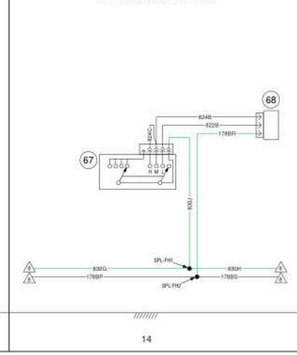
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OPTIONAL DELUXE HEATER



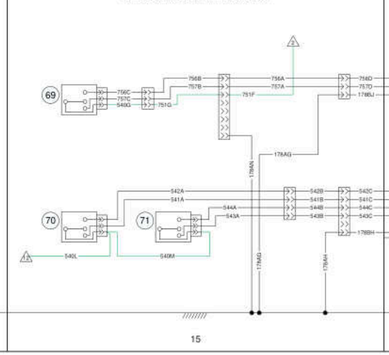
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OPTIONAL FOOT HEATER



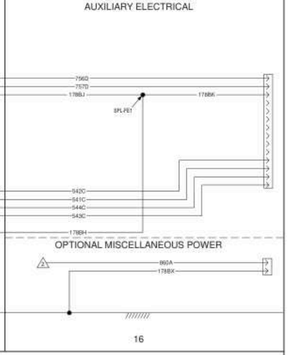
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OPTIONAL AUXILIARY ELECTRIC



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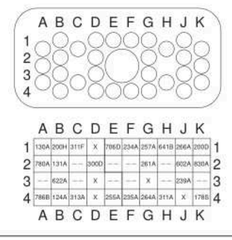
OPTIONAL LOADER ARM
AUXILIARY ELECTRICAL



OPTIONAL MISCELLANEOUS POWER

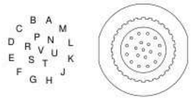
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CHASSIS HARNESS TO CAB HARNESS



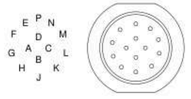
CHASSIS OPTIONS TO CAB OPTIONS

A	751B	L	759A
B	540B	M	544B
C	539B	N	754C
D	418B	P	547B
E	549B	R	818A
F	543B	S	X
G	542B	T	X
H	541B	U	X
J	258D	V	X
K	758B		

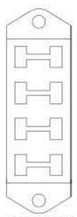


FRONT AUXILIARY ELECTRIC

A	X	H	544C
B	178BK	J	X
C	757D	K	X
D	756D	L	X
E	541C	M	X
F	542C	N	X
G	543C	P	X

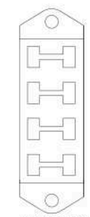


FUSES



20 AMPERES (LIGHTS)
30 AMPERES (WIPER/HEATER)
10 AMPERES (BACKUP ALARM/HORN)
15 AMPERES (INTERLOCK SYSTEM)

PRIMARY FUSE BLOCK



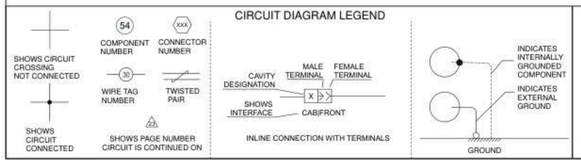
10 AMPERES (ACCESSORIES/BRAKE LIGHT)
10 AMPERES (MISCELLANEOUS POWER)
10 AMPERES (BEACON/FRONT ELECTRICS)
10 AMPERES (HYDRAULIC COUPLER/SELF LEVEL)

OPTIONS FUSE BLOCK

COMPONENTS

1. BATTERY
2. STARTER MOTOR AND SOLENOID
3. ALTERNATOR
4. STARTING RELAY
5. IGNITION SWITCH
6. MAIN POWER RELAY
7. PRIMARY FUSE BLOCK
8. OPTIONS FUSE BLOCK
9. FUEL HOLD IN SOLENOID
10. FUEL TIMING HEATER
11. FUEL TIMING TEMPERATURE SWITCH
12. ENGINE SHUT DOWN RELAY
13. LOADER VALVE SOLENOID RELAY
14. LOADER VALVE SOLENOIDS
15. SEAT SWITCH
16. SEAT BAR SWITCH
17. LH INSTRUMENT CLUSTER (6-PIN CONNECTOR)
18. RH INSTRUMENT CLUSTER (8-PIN CONNECTOR)
19. LH INSTRUMENT CLUSTER (10-PIN CONNECTOR)
20. RH INSTRUMENT CLUSTER (6-PIN CONNECTOR)
21. ENGINE OIL PRESSURE SWITCH
22. ENGINE COOLANT TEMPERATURE SWITCH
23. HYDRAULIC OIL TEMPERATURE SWITCH
24. HYDRAULIC FILTER PRESSURE SWITCH
25. AIR FILTER RESTRICTION SWITCH
26. FUEL SENDER
27. ENGINE OIL PRESSURE SENSOR (OPTIONAL)
28. ENGINE COOLANT TEMPERATURE SENDER (OPTIONAL)
29. HYDRAULIC OIL TEMPERATURE SENDER (OPTIONAL)
30. WORK/ROAD LIGHT SWITCH
31. REAR HALOGEN WORK LAMP
32. LH REAR POSITIONAL LAMP
33. RH REAR POSITIONAL LAMP
34. LEFT FRONT HALOGEN WORK LAMP
35. RIGHT FRONT HALOGEN WORK LAMP
36. HORN
37. HORN SWITCH
38. BACKUP ALARM SWITCH
39. BACKUP ALARM SWITCH
40. BACKUP ALARM
41. CAB DOOR SWITCH
42. WASHER PUMP
43. WIPER MOTOR
44. HIGH FLOW SWITCH
45. FORWARD HIGH FLOW SOLENOID
46. REVERSE HIGH FLOW SOLENOID
47. BRAKE PRESSURE SWITCH
48. BRAKE RELEASE SOLENOID
49. BRAKE SWITCH
50. COLD START SWITCH
51. THERMOSTART COIL
52. RIDE CONTROL SOLENOID
53. RIDE CONTROL SWITCH
54. ROTATING BEACON SWITCH
55. ROTATING BEACON
56. ACCESSORY OUTLET
57. HYDRAULIC COUPLER SWITCH
58. HYDRAULIC COUPLER RELEASE SOLENOID
59. HYDRAULIC COUPLER RELEASE TIMER
60. SELF LEVEL OVERRIDE SWITCH
61. SELF LEVEL OVERRIDE SOLENOID
62. LOADER VALVE FLOAT SPOOL SWITCH
63. LOADER VALVE TIP SPOOL SWITCH
64. DOME LIGHT WITH SWITCH
65. DELUXE HEATER BLOWER SWITCH
66. DELUXE HEATER
67. FOOT HEATER BLOWER SWITCH
68. FOOT HEATER
69. FRONT ELECTRIC CONTROL SWITCH
70. AUXILIARY ELECTRIC SWITCH #1
71. AUXILIARY ELECTRIC SWITCH #2

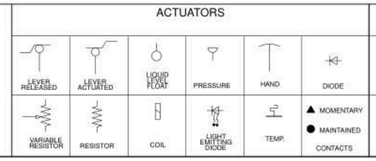
CIRCUIT DIAGRAM LEGEND



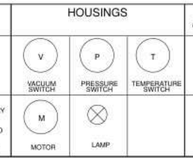
WIRE IDENTIFICATION

ABBREV	WIRE COLOR	ABBREV	WIRE COLOR
B	BLACK	O	ORANGE
BR	BROWN	P	PINK
DB	DARK BLUE	R	RED
DG	DARK GREEN	T	TAN
G	GRAY	V	VIOLET (PURPLE)
LB	LIGHT BLUE	W	WHITE
LG	LIGHT GREEN	Y	YELLOW

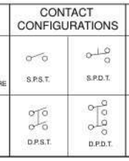
ACTUATORS



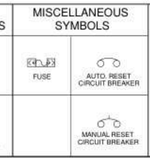
HOUSINGS



CONTACT CONFIGURATIONS



MISCELLANEOUS SYMBOLS



NOTES

1. DIAGRAM SHOWN WITH VEHICLE PARKED, POWER OFF AND CONTROLS IN OFF OR NEUTRAL POSITION.
2. SHEET NUMBERS REFER TO THE NUMBER AT THE BOTTOM CENTER OF EACH BLOCK.

LEGEND

- INDICATES CONSTANT POWER
- INDICATES POWER WHEN KEY SWITCH IS IN ON POSITION
- INDICATES MOMENTARY POWER WHEN KEY SWITCH IS IN START POSITION

ELECTRICAL SCHEMATIC
40XT SKID STEER LOADER

Additional copies of this Hydraulic and Electrical Schematic can be ordered through Technical Publications Distribution System. The part number is 6-43400.

H91-D040

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