

Component Identifiers (CID) Module Identifier (MID) Atch. Valve Control (MID No. 06A) Component

Wire Description Wire Number Wire Color Description Wire Color Description

Off Machine Switch Specification Part No. Part Name Function Actual Deactuate Contact Position

Resistor, Sender and Solenoid Specifications Part No. Component Description Resistance (Ohms)

Engine and Pump Controller Component

Wire Description Wire Number Wire Color Description Wire Color Description

Related Electrical Service Manual Title Form Number

Resistor, Sender and Solenoid Specifications Part No. Component Description Resistance (Ohms)

Failure Mode Identifiers (FMI) FMI No. Failure Description

Wire Description Wire Number Wire Color Description Wire Color Description

Component Location Component Schematic Machine Location

Component Location Component Schematic Machine Location

Event Codes Engine / Pump Control

Wire Description Wire Number Wire Color Description Wire Color Description

Component Location Component Schematic Machine Location

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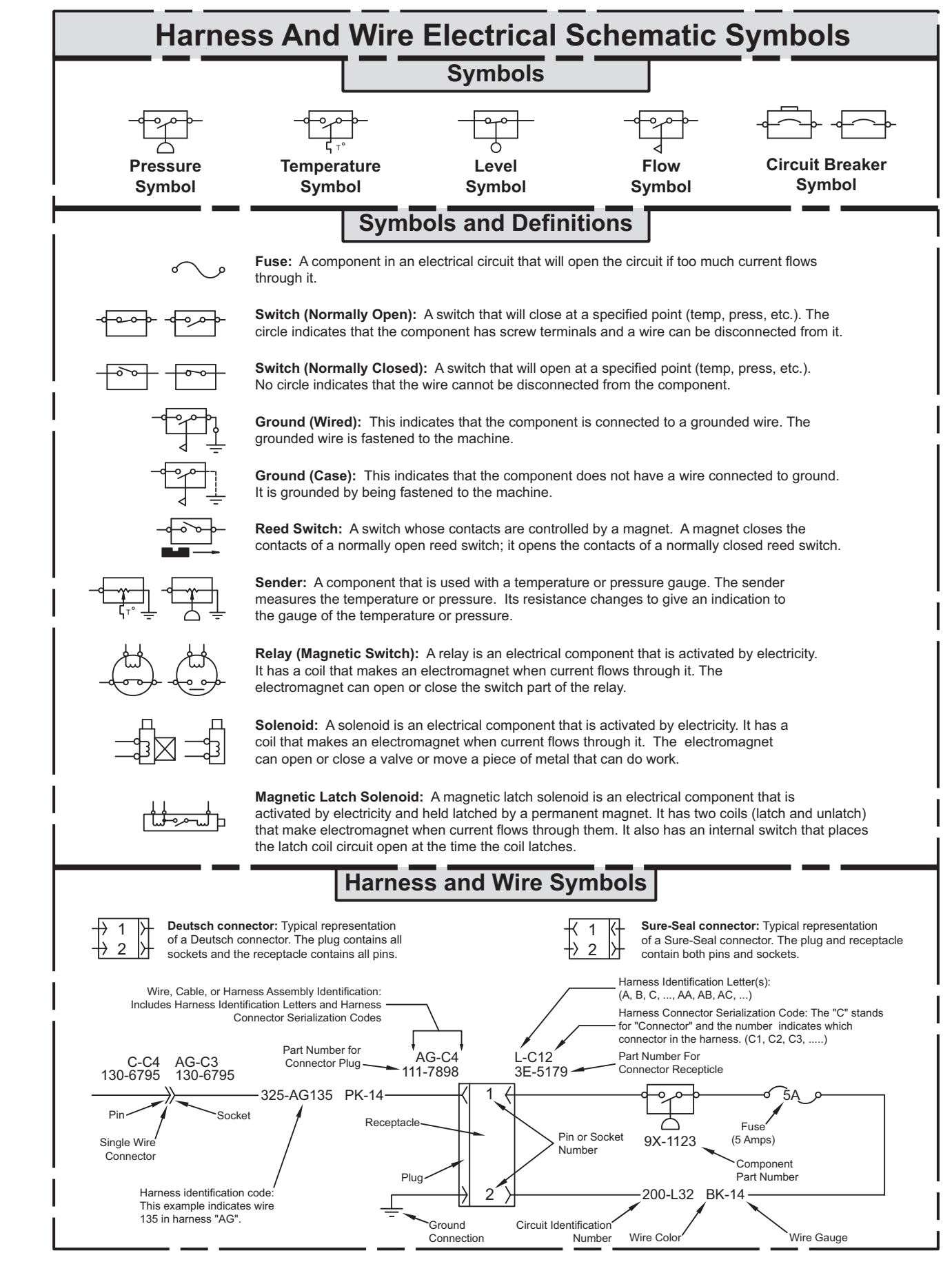
Component Location Component Schematic Machine Location

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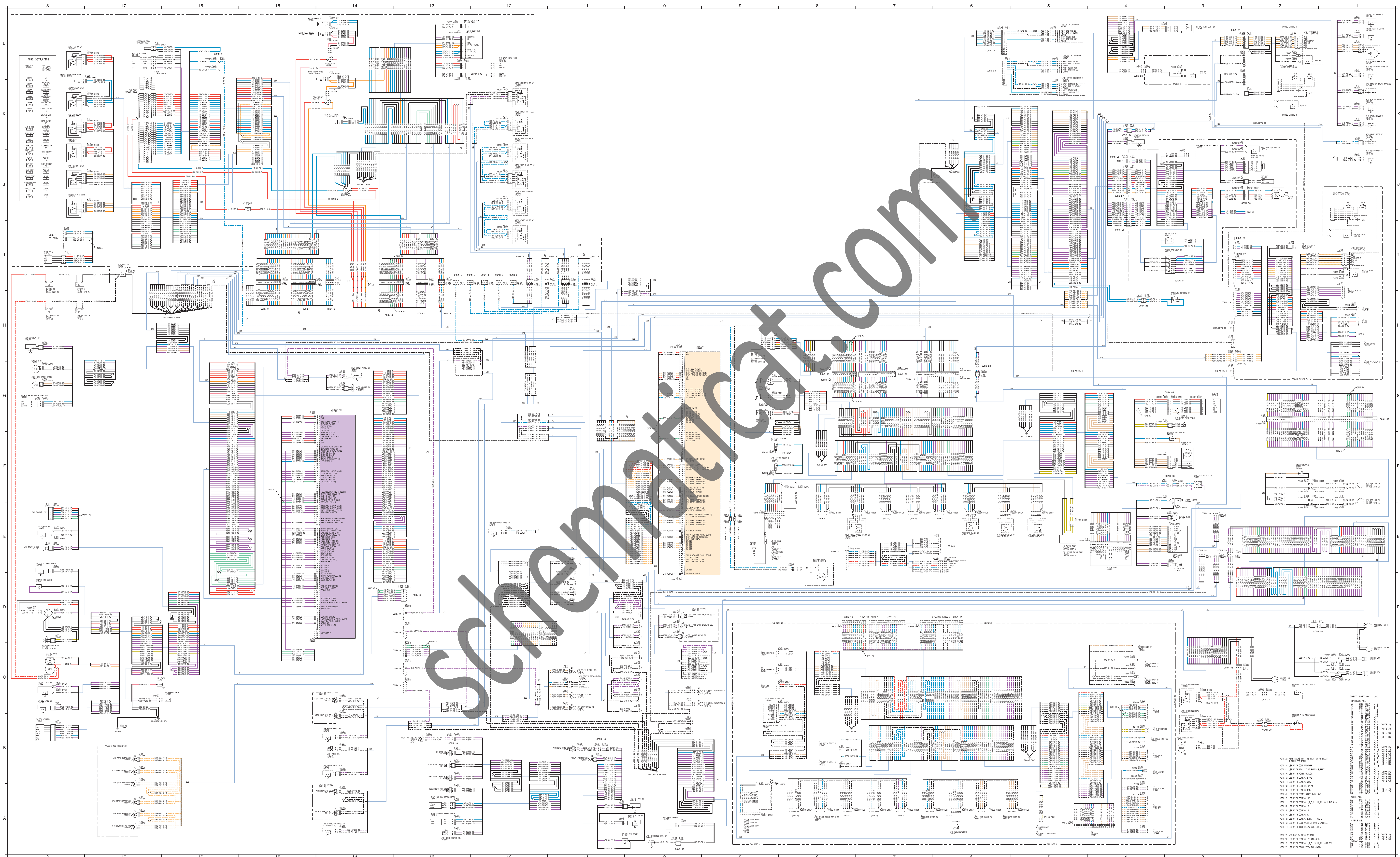
Schematic 318C Excavator Electrical System

GP1A-UP MDY1-UP

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Machine Harness Connector And Component Locations



SYMBOL	DESCRIPTION
(+) (+)	CIRCUIT CONNECTED
(-) (-)	CIRCUIT NOT CONNECTED
(-)	ELECTRICAL CONNECTION TO NEUTRAL TERMINAL CONNECTION SUBSTRATE IS COMPLETED
(-)	COMMON
(-)	CIRCUIT WIRING DESIGNATION
(-)	ACTUATING CABLE COMPONENT
(-)	CIRCUIT CONNECTED
(-)	ACTUATOR CONNECTED
(-)	BLACK SPARK SWITCH SIGNAL
(-)	RED

ABBREV	COLOR
RD	RED
WH	WHITE
OR	ORANGE
YL	YELLOW
PK	PINK
BLK	BLACK
GY	GRAY
PUR	PURPLE
BRN	BROWN
GN	GREEN
BLU	BLUE

WIRE GROUP COLOR DESCRIPTIONS
WHITE (WHT) - WHITE (WHT) - WHT
BLACK (BLK) - BLACK (BLK) - BLK
RED (RD) - RED (RD) - RD
ORANGE (OR) - ORANGE (OR) - OR
YELLOW (YL) - YELLOW (YL) - YL
PINK (PK) - PINK (PK) - PK
GRAY (GY) - GRAY (GY) - GY
PURPLE (PUR) - PURPLE (PUR) - PUR
BROWN (BRN) - BROWN (BRN) - BRN
GREEN (GN) - GREEN (GN) - GN
BLUE (BLU) - BLUE (BLU) - BLU

THIS SCHEMATIC IS FOR THE 318C EXCAVATOR
PART NUMBER: 197-4401, CHANGE: HE, VERSION: 06
Components are shown installed on a fully operable machine with the key and engine off. Transmission in neutral and with parking brake set.
Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operations.