

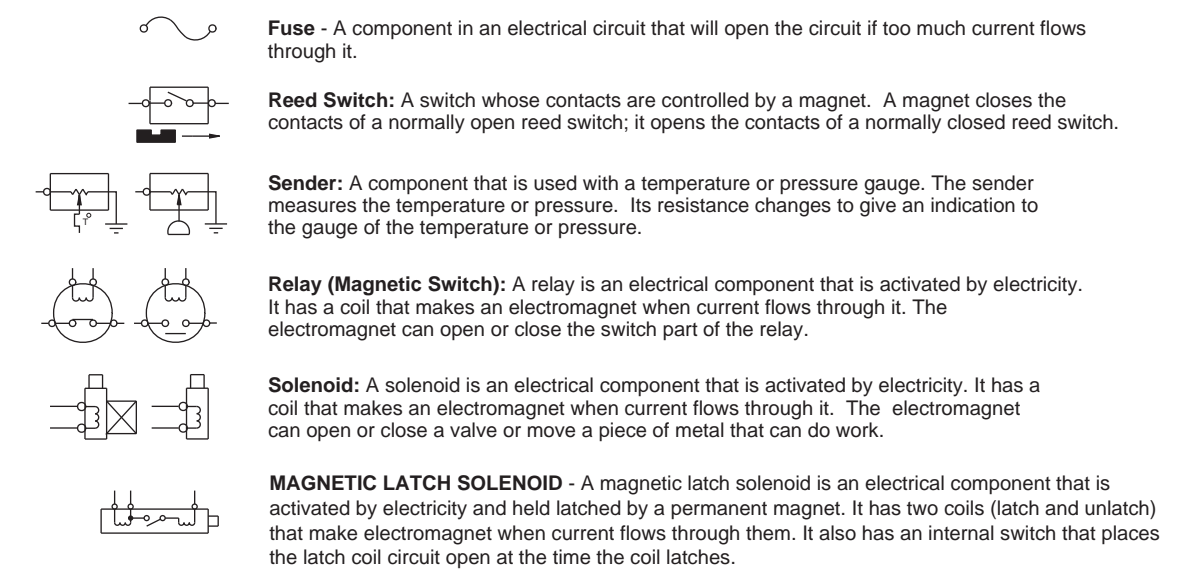
Schematic

312C, 315C, 318C, 320C, 322C, 325C
and 330C Excavators
Air Conditioning Electrical System

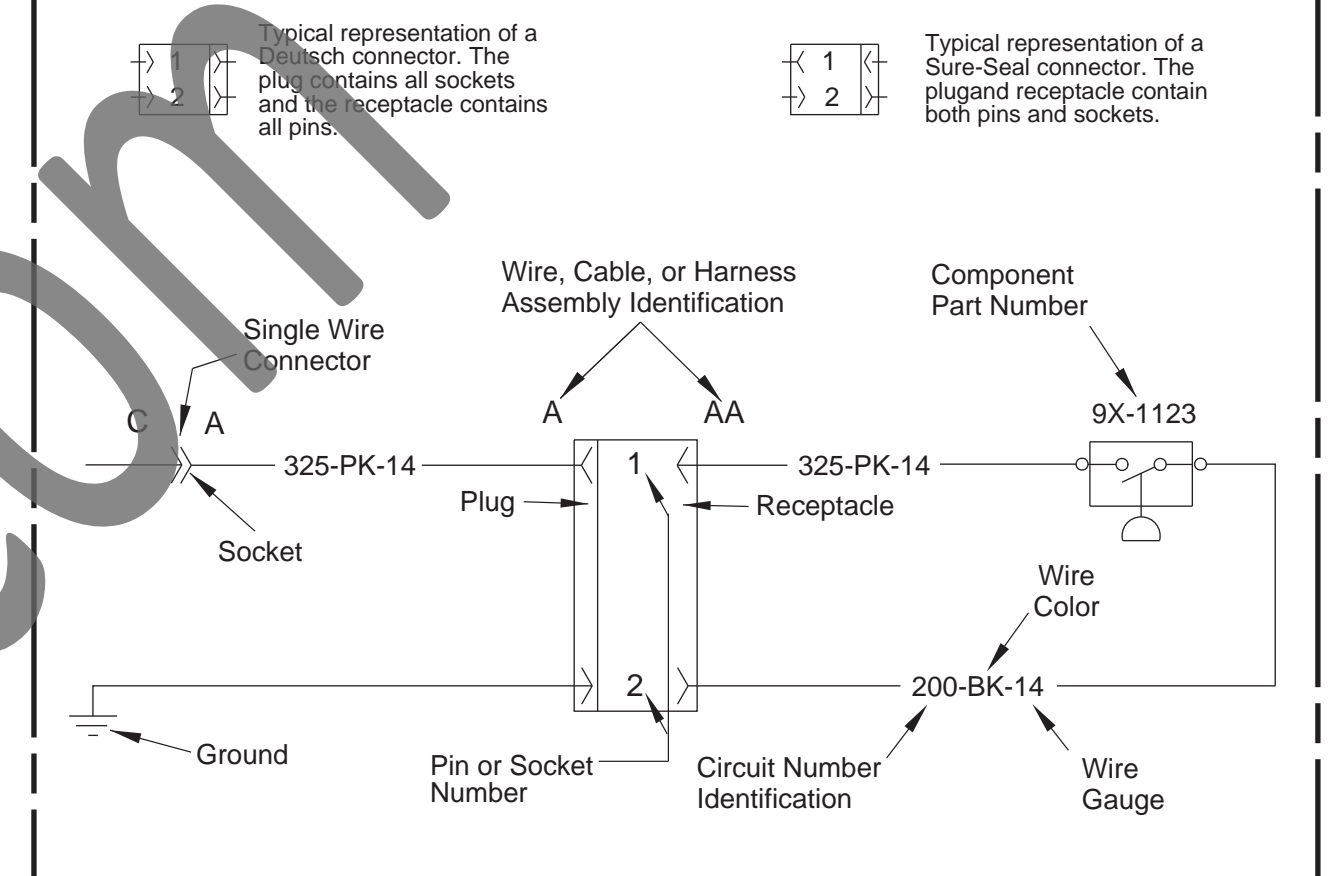
312C: CBA1-UP FDS1-UP	320C: ANB1-UP BGB1-UP MAB1-UP PAB1-UP AMC1-UP MAC1-UP PAC1-UP GAD1-UP SAH1-UP EAG1-UP BKK1-UP CLM1-UP SBN1-UP RAW1-UP CLZ1-UP	322C: BKM1-242 BFN1-UP BLP1-179 BFX1-UP BNY1-UP	325C: BLA1-UP CRB1-UP JLC1-UP BTD1-UP JLD1-UP DTF1-UP AMH1-UP BKH1-UP CSJ1-UP BMM1-UP BKT1-UP BKW1-UP BLX1-UP	330C: HAA1-UP MCA1-UP JAB1-UP JCD1-UP KDD1-UP GAG1-UP RBH1-UP JNK1-UP BTM1-UP MKM1-UP CAP1-UP GKX1-UP CGZ1-UP
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Harness And Wire Electrical Schematic Symbols

Electrical Schematic Symbols And Definitions



Harness And Wire Symbols

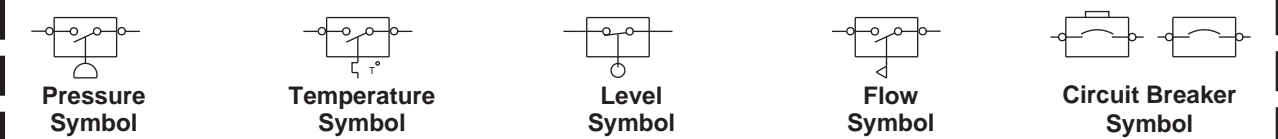


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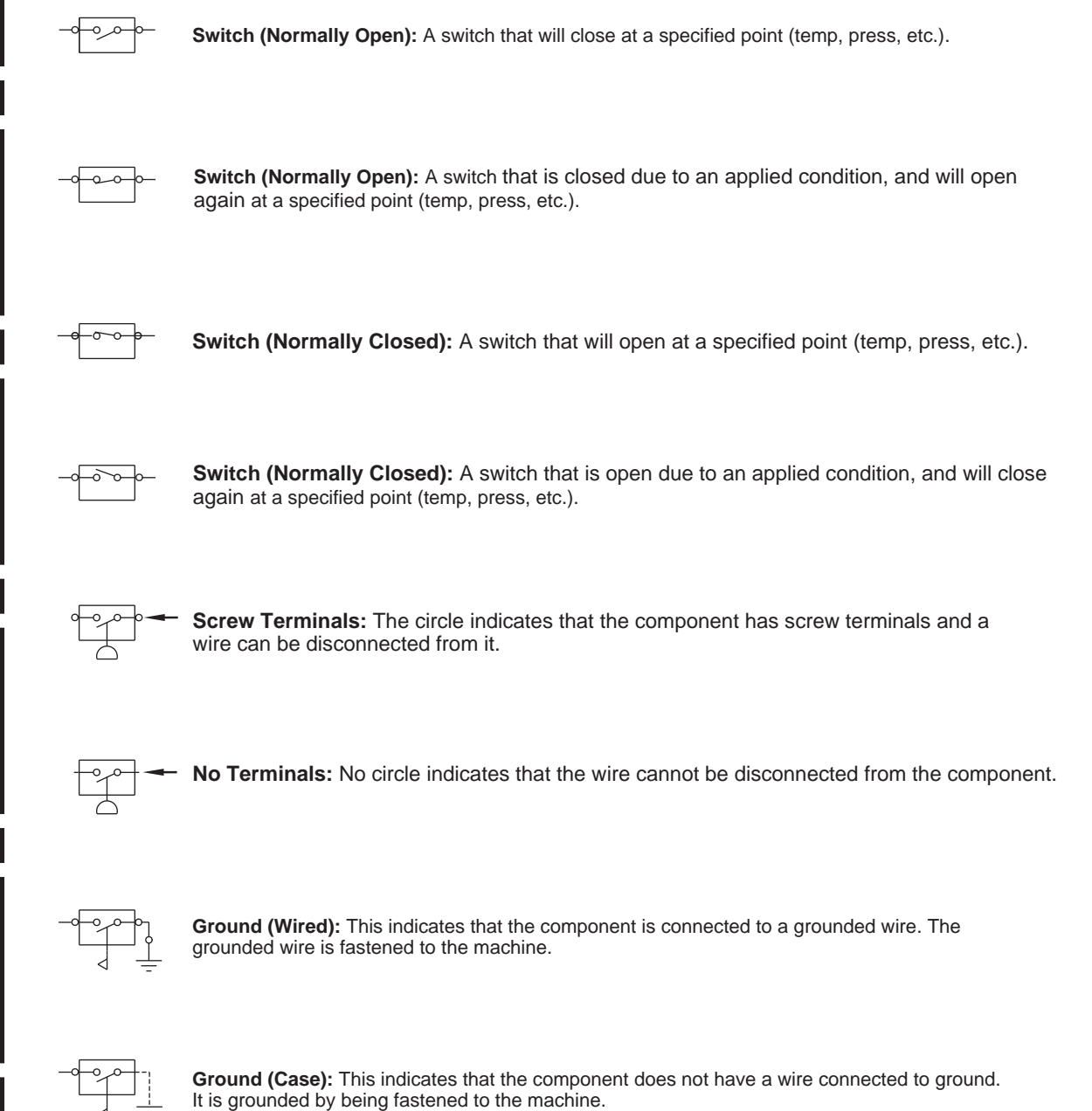
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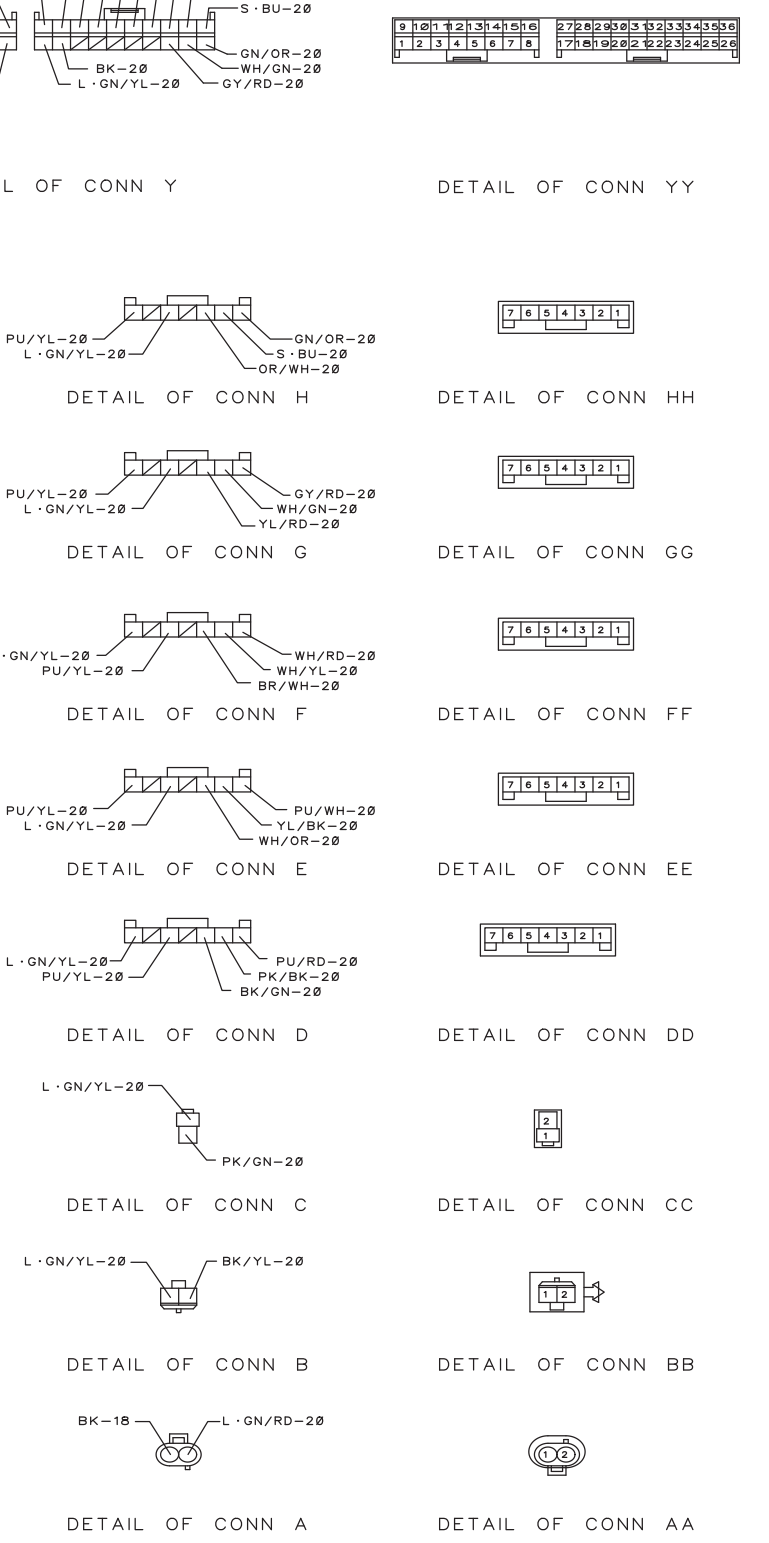
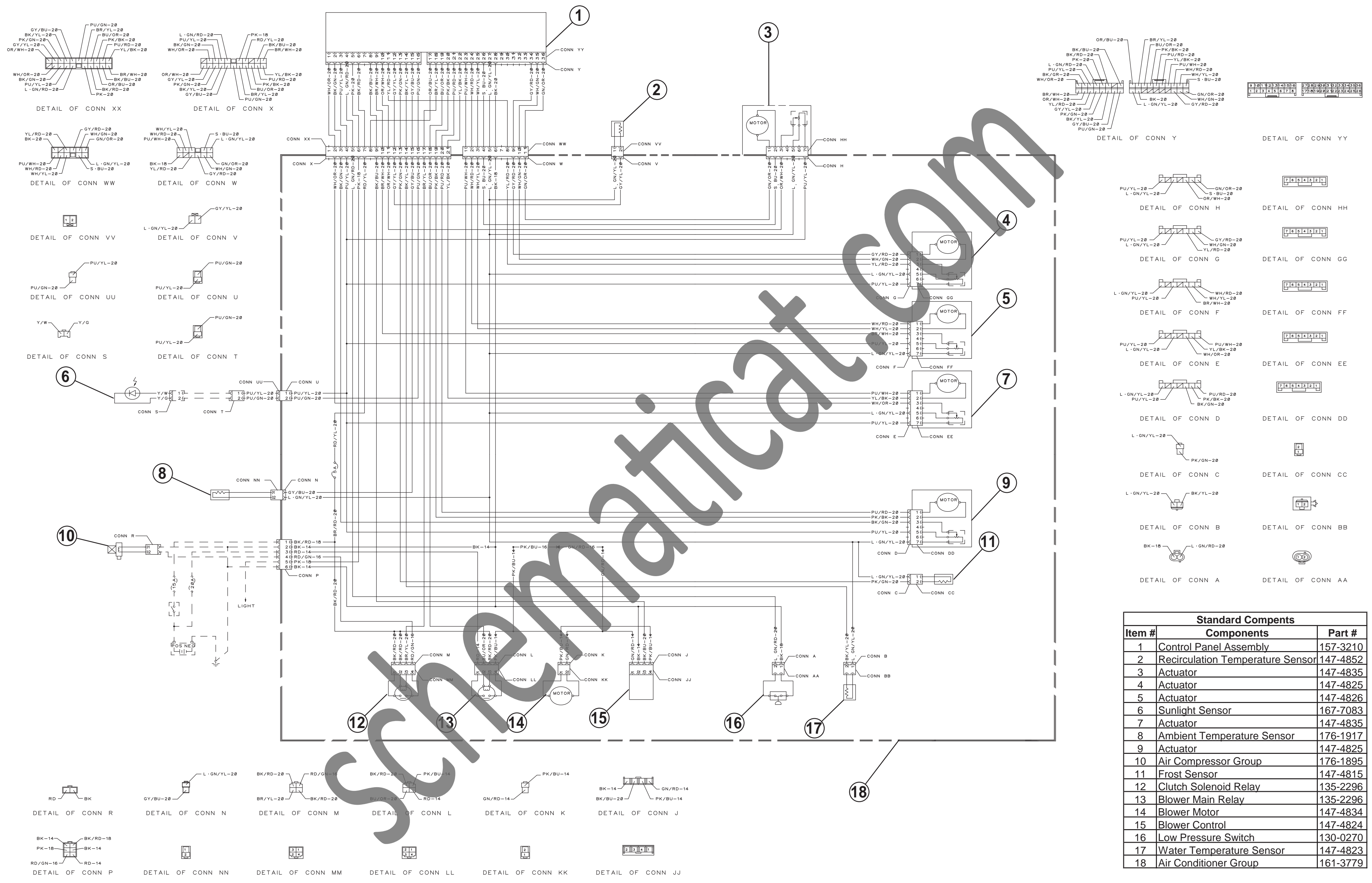
Electrical Schematic Symbols And Definitions

Symbols



Symbols And Definitions





Standard Compenets		
Item #	Components	Part #
1	Control Panel Assembly	157-3210
2	Recirculation Temperature Sensor	147-4852
3	Actuator	147-4835
4	Actuator	147-4825
5	Actuator	147-4826
6	Sunlight Sensor	167-7083
7	Actuator	147-4835
8	Ambient Temperature Sensor	176-1917
9	Actuator	147-4825
10	Air Compressor Group	176-1895
11	Frost Sensor	147-4815
12	Clutch Solenoid Relay	135-2296
13	Blower Main Relay	135-2296
14	Blower Motor	147-4834
15	Blower Control	147-4824
16	Low Pressure Switch	130-0270
17	Water Temperature Sensor	147-4823
18	Air Conditioner Group	161-3779

COLOR ABBREVIATIONS		SYMBOL DESCRIPTION	
ABBREV	COLOR	SYMBOL	DESCRIPTION
RD	RED	+	CIRCUIT CONNECTED
WH	WHITE	+	CIRCUIT NOT CONNECTED
OR	ORANGE	⊥	ELECTRICAL CONNECTION TO MACHINE STRUCTURE
YL	YELLOW	⊥	INTERNAL ELECTRICAL CONNECTION TO SURFACE OF COMPONENT
PK	PINK	→	CONNECTOR
BK	BLACK	H#	CIRCUIT GROUPING DESIGNATION
GY	GRAY	---	ATCH WIRE, CABLE COMPONENT
PU	PURPLE	o=	CIRCUIT CONNECTED
BR	BROWN	o	SPLICE
GN	GREEN	•	BLADE, SPADE, RING OR SCREW TERMINAL
BU	BLUE		