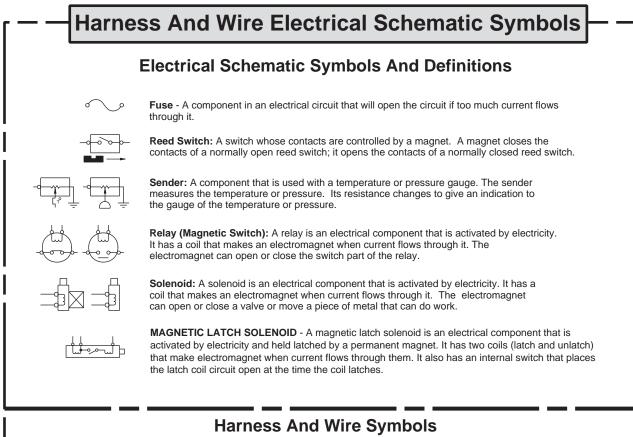
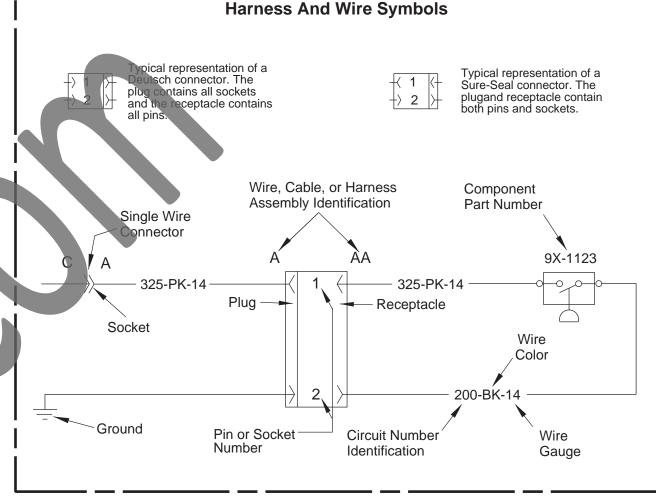
## Schematic

**CLZ1-UP** 

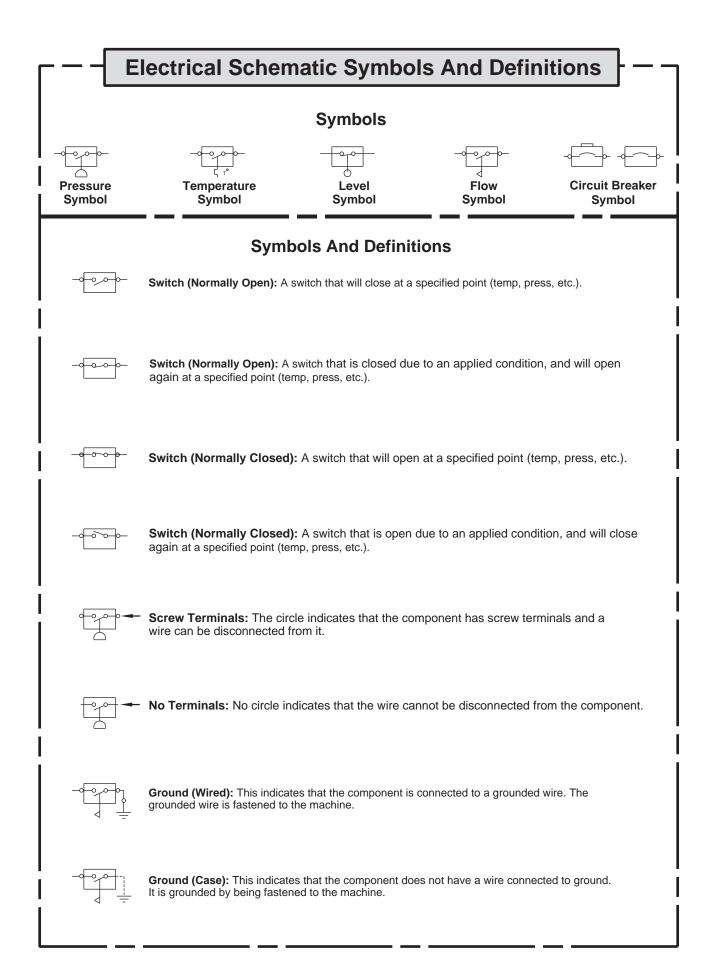
312C, 315C, 318C, 320C, 322C, 325C and 330C Excavators
Air Conditioning Electrical System

312C:	320C:	322C:	325C:	330C:
CBA1-UP	<b>ANB1-UP</b>	BKM1-242	<b>BLA1-UP</b>	HAA1-UP
FDS1-UP	<b>BGB1-UP</b>	BFN1-UP	CRB1-UP	MCA1-UP
	MAB1-UP	BLP1-179	JLC1-UP	JAB1-UP
315C:	PAB1-UP	<b>BFX1-UP</b>	BTD1-UP	JCD1-UP
CFB1-UP	AMC1-UP	<b>BMX1-UP</b>	JLD1-UP	KDD1-UP
CJC1-UP	MAC1-UP	<b>BNY1-UP</b>	DTF1-UP	<b>GAG1-UP</b>
<b>AKE1-UP</b>	PAC1-UP		AMH1-UP	RBH1-UP
CFT1-UP	GAD1-UP		BKH1-UP	JNK1-UP
	SAH1-UP		CSJ1-UP	BTM1-UP
318C:	EAG1-UP		BMM1-UP	MKM1-UP
<b>GPA1-UP</b>	BKK1-UP		<b>BKT1-UP</b>	CAP1-UP
MDY1-UP	CLM1-UP		<b>BKW1-UP</b>	GKX1-UP
	SBN1-UP		<b>BLX1-UP</b>	CGZ1-UP
	RAW1-UP			





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KENK/Z/4-U4
12 Page, (Dimensions: 25 inches x 24 inches)

DETAIL OF CONN R

BK-14 BK/RD-18 PK-14

DETAIL OF CONN N

DETAIL OF CONN M

DETAIL OF CONN L

DETAIL OF CONN K

DETAIL OF CONN J

2 3 4 1

COLOR ABBREVIATIONS				
ABBREV	COLOR			
RD	RED			
WH	WHITE			
OR	ORANGE			
YL	YELLOW			
PK	PINK			
BK	BLACK			
GY	GRAY			
PU	PURPLE			
BR	BROWN			
GN	GREEN			
BU	BLUE			

SYMBOL	DESCRIPTION		
+	CIRCUIT CONNECTED		
+	CIRCUIT NOT CONNECTED		
Ť	ELECTRICAL CONNECTION TO MACHINE STRUCTURE		
÷	INTERNAL ELECTRICAL CONNECTION TO SURFACE OF COMPONENT		
$\rightarrow \!$	CONNECTOR		
H#	CIRCUIT GROUPING DESIGNATION		
	ATCH WIRE, CABLE, COMPONENT		
0-0	CIRCUIT CONNECTED		
0	SPLICE		
•	BLADE, SPADE, RING OR SCREW TERMINAL		

BK−	L · GN/RD-20						
DET	DETAIL OF CONN A DETAIL OF C						
14 0 100 44	Standard Compents						
Item #		Part #					
1	Control Panel Assembly	157-3210					
2	Recirculation Temperature Sensor						
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	<u>176-1917</u>					
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					

312C, 315C, 318C, 320C, 322C, 325C and 330C Excavators Air Conditioning Electrical Schematic - 171-7355

	`? `?   ц Г/Ј   LIGHT LŶЈ .	BK/RD				CONN C CONN CC		Standard Compents
	(2) (3) (4) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	14	9 A C C C C C C C C C C C C C C C C C C			L · GN/YL - 20 T 1 T PK/GN - 20 T 2 C	DETAIL OF CON	
CONN R	1   1   1   1   1   1   1   1   1   1	14- 5N-16	PK/BU-16 H GN/RD-16			PU/YL-20 5 5 6 C CONN DD CONN DD	BK-18 — L · G	SN/RD-20
<b>40</b>		R / RO – 24				PU/RD-20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DETAIL OF CO	
	M → GY/BU-	-20				MOTOR	L·GN/YL-20 — BK/	YYL-20
	CONN NN — CON	1N N P S S S S S S S S S S S S S S S S S				<b>(9</b> )	DETAIL OF CON	rgn-20 nn C detail of conn cc
						CONN E CONN EE	L·GN/YL-20	2
	CONN S—/ CONN T—/	- 2 - 2 - 2 - 2				L · GN/YL - 20 + 5 + 6 + 6 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7	DETAIL OF CO	
	CONN UU — CON Y/W-T 17 — — T 14-PU/YL-20 T 14-PU/Y Y/G-L 24-PU/GN-20 Z 24-PU/GN					PU/WH-20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L·GN/YL-20-PU/YL-20-B	PU/RD-20 • PK/BK-20 K/GN-20
DETAIL OF CONN S $6$	DETAIL OF CONN T					CONN FF CONN FF	DETAIL OF COI	-wh/or-20 Nn E DETAIL OF CONN EE
	PU/YL-20-					WH/YL-28 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	PU/YL-20 - L · GN/YL-20 -	PU/WH-20 YL/BK-20
Y/W	PU/GN-2Ø					WH/RD-20 R 1	DETAIL OF COI	· BR/WH-20 NN F DETAIL OF CONN FF
PU/GN-20 DETAIL OF CONN UU	PU/YL-20 DETAIL OF CONN U					CONN G CONN GG	L · GN/YL-20	WH/RD-20 WH/YL-20
PU/YL-20	PU/GN-2Ø					GY/RD-20 WH/GN-20 YL/RD-20	DETAIL OF CON	-YL/RD-20
DETAIL OF CONN VV	L-GN/YL-20 DETAIL OF CONN V					MOTOR	PU/YL-20 - L · GN/YL-20 -	GY/RD-20 WH/GN-20
	-GY/YL-20						DETAIL OF COI	-OR/WH-2Ø
WH/RD-20-/ S.BU-20 WH/YL-20-/ SCONN WW	YL/RD-20 CHH/GN-20  DETAIL OF CONN W	1708 1708			- 08 V 08 - 2 - 0, 80 - 28 - 08 V WH - 1, 08 V Y L - 3		PU/YL-20- L · GN/YL-20	GN/OR-20 S-BU-20
BK-20 GN/OR-20 PU/WH-20 L · GN/YL-20	PU/WH-20 CONN X  BK-18 GN/OR-20 CONN	- W. 4. 2. 2. 2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	WW WW CONN WONN W	CONN VV	CONN HH		DETAIL OF CONN Y	DETAIL OF CONN YY
YL/RD-20	WH/YL−20 ¬ WH/RD−20 ¬				MOTOR		BK/YL-20 GY/BU-20 PU/GN-20	
PU/YL-20 CR/BU-20 BK/RD-20  DETAIL OF CONN XX	PK/GN-20—/ BK/YL-20— GY/BU-20—  DETAIL OF CONN X		2 8 5 1	(2)			BR/WH-20 OR/WH-20 YL/RD-20 GY/YL-20 GY/YL-20 GY/YL-20	N/OR-20 /H/GN-20
WH/OR-20 BK/GN-20 BK/BU-:	20 GY/YL-20-////\\\PU/RD-20	GON-200-200-200-200-200-200-200-200-200-20	S CONN Y				PH-20	2Ø ⊃−2Ø ∵YL−2Ø ·BU−2Ø
BK/YL-20 PK/GN-20 GY/YL-20 OR/WH-20 PU/RD- YL/Bk	2Ø BK/GN-2Ø	- 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	फक्रक्क्रक्रिक्क् (CONN YY		<b>(3</b> )		OR/BU-20—	
GY/BU-20 GY/BU-20 GBR/YL-20			1		<b>(2</b> )			
			_					