



FOR ENGINE RELATED INFORMATION REFER TO THE D11T SCHEMATIC (MEDIA NUMBER-REN8179-03)

**HARNESS AS-ENGINE 274-8508  
REPIN CONNECTOR EP-C16**

116-EP34	FROM	PIN 8	TO	PIN 1	
210-EP48	FROM	PIN 7	TO	PIN 2	
554-EP48	FROM	PIN 4	TO	PIN 3	
F799-EP98	FROM	PIN 11	TO	PIN 4	
553-EP47	FROM	PIN 3	TO	PIN 5	
921-EP33	FROM	EP-C18	PIN 1	TO	PIN 6
J949-EP54	FROM	PIN 10	TO	PIN 7	
J950-EP53	FROM	PIN 9	TO	PIN 8	
C443-EP97	FROM	PIN 5	TO	PIN 9	
610-EP50	FROM	PIN 6	TO	PIN 10	
322-EP45	FROM	PIN 1	TO	PIN 11	
200-EP46	FROM	PIN 2	TO	PIN 12	

THIS WIRING DIAGRAM IS FOR THE D11T TRACK TYPE TRACTOR TIER 2 REPOWER MACHINES S/N 7P20001 AND UP AND AAF0001 AND UP. THIS SCHEMATIC IS USED IN CONJUNCTION WITH THE ORIGINAL MACHINE SCHEMATIC AND CONTAINS THE ELECTRICAL SYSTEM CONVERSION DETAILS FOR CONVERTING FROM 3508 TO C32 ENGINE ON THE MACHINE.

FOR ADDITIONAL INFORMATION REFER TO THE ORIGINAL MACHINE SCHEMATIC. (MEDIA NUMBER KENR8226-01)

FOR ENGINE RELATED INFORMATION REFER TO THE D11T SCHEMATIC (MEDIA NUMBER-REN8179-03)

HARNESS AS.				
QNT	PART NUMBER	CHG	LOC	DESCRIPTION
JE	361-8069	00	01F4	JUMPER-REPW (NEW ENG TO PEDESTAL)
JF	XXX-XXXX	00	02B7	CAB-REPW (SWITCHES)
JH	XXX-XXXX	00	02B5	CAB JUMPER-REPW (SWITCH)
MA	XXX-XXXX	00	02C5	CAB-REPW (MESSENGER)
RP	XXX-XXXX	00	01E3	JUMPER-REPW (NEW ENG TO REV FAN)

  

WIRE AS.				
QNT	PART NUMBER	CHG	LOC	DESCRIPTION
JG	XXX-XXXX	00	01F4	200 BK ALT TO FRAME GND
JN	XXX-XXXX	00	02B5	610-OR ALONG RH FENDER HARN
JP	XXX-XXXX	00	02A5	H702-PU ALONG RH FENDER HARN
JT	XXX-XXXX	00	02A5	610-OR ALONG PEDESTAL HARN
JU	XXX-XXXX	00	02B4	H702-PU ALONG PEDESTAL HARN
KJ	XXX-XXXX	00	02A5	326-PU ALONG DASH HARN
KK	XXX-XXXX	00	02B4	326-PU ALONG PEDESTAL HARN

**TWISTED WIRES**  
WIRE PAIRS SHALL BE TWISTED ONE TWIST PER 25 MM

WIRE PAIRS	
892	893
F711	F712

HARNESS, CABLE, AND WIRE ASSEMBLIES WITH PART NUMBER XXX-XXXX TO BE FABRICATED BY THE DEALER.

**WIRE GROUP COLOR DESCRIPTIONS**

RED	IGNITION CIRCUIT
WHITE	WIRE THAT WIRE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
ORANGE	WIRE THAT WIRE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
YELLOW	USG FUSE CONNECTOR OUTPUT CIRCUIT
PINK	STARTING CIRCUIT
BLACK	STARTING AND CONTROL CIRCUIT
GRAY	WHA SERVICE CONTROL CIRCUIT
PURPLE	ENGINE CONTROL CIRCUIT
BROWN	WHA SERVICE AND CONDITIONAL CIRCUIT
GREEN	CONTRACTOR
BLUE	CONTRACTOR
OTHER	OTHER COLOR DESCRIPTIONS

**ABBREVIATION**

ABBREV	COLOR	SYMBOL	DESCRIPTION
RD	RED	+	CIRCUIT CONNECTED
WH	WHITE	+	CIRCUIT NOT CONNECTED
OR	ORANGE	+	REPOWER CONNECTOR
YL	YELLOW	+	MACHINE INSULATING
PK	PINK	+	REPOWER CONNECTOR
BL	BLACK	+	REPOWER CONNECTOR
GR	GRAY	+	CIRCUIT GROUPS IDENTIFICATION
PU	PURPLE	+	WHA SERVICE
BR	BROWN	+	WHA SERVICE
GN	GREEN	+	WHA SERVICE
BLU	BLUE	+	WHA SERVICE

THIS SCHEMATIC IS FOR THE D11T TIER 2 REPOWER MACHINES ELECTRICAL SYSTEM ONLY, AND USED FOR 3508 TO C32 CONVERSION EFFECTIVITY:7P21-UP, AND AAF1-UP  
MEDIA NUMBER: UENR6327  
Components are shown installed on a fully operable machine with the key and engine off. Transmission shifter is neutral and with parking brake set.  
Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operations.  
Note: Refer to the Parts Manual using a specific serial number prefix in SIS before ordering parts from this schematic.