



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

HARNESS AS-ENGINE 274-8508
USING 3E-3376 CONNECTOR
 200-EP48: FROM: EP-C16 PIN 2; TO: PIN 1
 322-EP45: FROM: EP-C16 PIN 1; TO: PIN 2
 553-EP47: FROM: EP-C16 PIN 3; TO: PIN 3
 554-EP48: FROM: EP-C16 PIN 4; TO: PIN 4
 610-EP50: FROM: EP-C16 PIN 6; TO: PIN 5

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.

HARNESS AS.

DINT	PART NUMBER	CHG	LOC	DESCRIPTION
JC	361-8069	00	01F4	JUMPER-REPWR (NEW ENG TO PLATFORM)
JJ	XXX-XXXX	00	02B7	CAB-REPWR (SWITCH)
MA	XXX-XXXX	00	02C5	CAB-REPWR (MESSENGER)
RP	XXX-XXXX	00	01E3	JUMPER-REPWR (NEW ENG TO REV FAN)

WIRE AS.

JT	XXX-XXXX	00	01F8	109-RD ALT TO PEDESTAL HARN
JG	XXX-XXXX	00	01F4	200-BK ALT TO FRAME GND
JK	XXX-XXXX	00	02B5	610-OR ALONG RH FENDER HARN
JL	XXX-XXXX	00	02A5	H702-PU ALONG RH FENDER HARN
JM	XXX-XXXX	00	02A5	200-BK ALONG RH FENDER TO FND GND
JN	XXX-XXXX	00	02B4	610-OR ALONG PLATFORM HARN
JP	XXX-XXXX	00	02A4	H702-PU ALONG PLATFORM HARN
KJ	XXX-XXXX	00	02B5	326-PU ALONG DASH HARN
KL	XXX-XXXX	00	02B4	326-PU ALONG PLATFORM HARN

WIRE GROUP COLOR DESCRIPTIONS

Color	Description
Orange	GENERIC CIRCUIT
Blue	WIRE PAIR THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
Green	WIRE PAIR THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
Red	WIRE PAIR THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
Yellow	STARTING CIRCUIT
Purple	STOP CIRCUIT
Brown	IGNITION CIRCUIT
Pink	STARTING CIRCUIT
Black	FRAME GROUND CIRCUIT
White	HEATER AND AIR CONDITIONER CIRCUIT
Grey	CAN DATA LINK
Light Blue	CAN DATA LINK

OTHER COLOR DESCRIPTIONS

Symbol	Description
+	CIRCUIT CONNECTED
+	CIRCUIT NOT CONNECTED
+	ELECTRICAL CONNECTION
+	ELECTRICAL CONNECTION TO WIRE HARNESS
+	WIRE HARNESS CONNECTION TO WIRE HARNESS
+	CONNECTOR
+	CIRCUIT GROUNDING EQUIVALENT
+	DIFFERENTIAL CONNECTION
+	WIRE
+	WIRE PAIR
+	WIRE PAIR, WIRE OR SOCKET COMMON

THIS SCHEMATIC IS FOR THE D11R TIER 2 REPOWER MACHINES ELECTRICAL SYSTEM ONLY, AND USED FOR 3508 TO C32 CONVERSION

EFFECTIVITY: 9TR1-UP AND 9XR1-UP
 MEDIA NUMBER: UENR6326
 Components are shown installed on a fully operable machine with the key and engine off. Transmission shifter in 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.