



WIRE GROUP COLOR DESCRIPTIONS	
[Red line]	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF.
[Blue line]	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON.
[Green line]	VOLTAGE CONVERTER OUTPUT CIRCUIT.
[Orange line]	STARTING CIRCUIT.
[Yellow line]	GROUND CIRCUIT.
[Purple line]	STARTING AID CIRCUIT.
[Black line]	CAT DATA LINE.
[Pink line]	CATERPILLAR MONITOR CIRCUIT.
[Light Blue line]	HIPPER PIN CONTROL CIRCUIT.
[Light Green line]	FLEXPAK FAN CONTROL CIRCUIT.
[Light Yellow line]	HEATER AND AIR CONDITIONER CIRCUIT.
[Light Purple line]	WIPER/WASHER CIRCUIT.
[Light Orange line]	DOOR TILT CONTROL CIRCUIT.
[Light Blue line]	HYDRAWAYS.

ABBREV	COLOR	SYMBOL	DESCRIPTION
RD	RED	—	BLADE, SHARD, BIND, ON SCREEN TERMINAL
WH	WHITE	—	—
OR	ORANGE	—	—
YL	YELLOW	—	SPLICE
PK	PINK	—	—
BL	BLACK	—	CIRCUIT NOT CONNECTED
GY	GREY	—	—
PU	PURPLE	—	ELECTRICAL CONNECTION OF COMPONENT
BR	BROWN	—	INTERNAL ELECTRICAL CONNECTION TO SURFACE OF COMPONENT
GN	GREEN	—	—
BU	BLUE	—	—
CON		—	CONNECTOR
AW		—	ATCH WIRE, CABLE, COMPONENT
LR		—	CIRCUIT GROUPING DESIGNATION

NOTE A: NORMALLY OPEN BEFORE REFRIGERANT CHARGE
NOTE B: NORMALLY OPEN BEFORE INSTALLATION
NOTE D: 24 TO 12 VOLT CONVERTER NOT REQUIRED WITH 24 VOLT MFD

RADIO OPTIONS
12 VOLT 175-6530 AM/FM U.S.
175-6532 AM/FM CASSETTE U.S.

NOTE F: DIFFERENTIAL STEER TRACTOR ONLY
NOTE G: CLUTCH BRAKE TRACTOR ONLY

THIS SCHEMATIC IS FOR THE D9LRC TRACK TYPE TRACTOR ELECTRICAL SYSTEM
MEDIA NUMBER: REN8183-01
SCHEMATIC PART NUMBER: 163-7412, CHANGE 04, VERSION -
Components are shown installed on a fully equipped machine with the key and engine off. Transmission shift
in neutral and with parking brake set.
Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operations.