



THIS SCHEMATIC IS FOR THE 12G, 120G, 130G AND 140G MOTOR GRADERS ELECTRICAL SYSTEM
MEDIA NUMBER: SENR3651-02
SCHEMATIC PART NUMBER: 7T-9457, CHANGE: 02, VERSION: -
 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.

SYMBOL	DESCRIPTION	ABBREV	COLOR	WIRE GROUP COLOR DESCRIPTIONS
+	CIRCUIT CONNECTED	RD	RED	GROUND CIRCUIT
-	CIRCUIT NOT CONNECTED	WH	WHITE	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
↓	ELECTRICAL CONNECTION TO MACHINE STRUCTURE	OR	ORANGE	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
↑	INTERNAL ELECTRICAL CONNECTION TO SURFACE OF COMPONENT	YL	YELLOW	STARTING CIRCUIT
→	CONNECTOR	PK	PINK	SUPPLEMENT STEERING CONTROL CIRCUIT
↔	CONNECTOR	BK	BLACK	MONITOR CIRCUIT
HM	CIRCUIT GROUPING DESIGNATION	GY	GRAY	HEATER AND AIR CONDITIONER CIRCUIT
---	ATCH WIRE, CABLE, COMPONENT	PU	PURPLE	TURNSIGNAL WIPER WASHER CIRCUIT
∞	SPACE	BR	BROWN	
○	BLADE, SCREW, WING OR SCREW TERMINAL	GN	GREEN	
		BU	BLUE	

12 11 10 9 8 7 6 5 4 3 2 1