



X1-MAIN KEYSWITCH ASSEMBLY: 747617-1

NO. #	WIRE COLOR	WIRE SIZE	FUNCTION
1	RED	24/DC	BATTERY CHARGER INTERNAL RELAY
2	BLACK	24/DC	BATTERY 24VDC
3	RED/VIOLET	24/DC	BRUSH MOTOR RELAY COIL 24VDC
4	RED/VIOLET	24/DC	BRUSH UNLOAD SWITCH P/B
5	BLACK/BLUE	24/DC	BRUSH RELAY NORMALLY CLOSED
6	BLACK/BLUE	24/DC	BRUSH UNLOAD SWITCH P/B
7	BLACK/BLUE	24/DC	BRUSH UNLOAD SWITCH P/B
8	RED/VIOLET	24/DC	MAIN RELAY COIL 24VDC
9	RED/VIOLET	24/DC	MAIN RELAY COIL 24VDC
10	RED/VIOLET	24/DC	MAIN RELAY COIL 24VDC
11	RED/VIOLET	24/DC	MAIN RELAY COIL 24VDC
12	RED/VIOLET	24/DC	MAIN RELAY COIL 24VDC
13	RED/VIOLET	24/DC	MAIN RELAY COIL 24VDC
14	RED/VIOLET	24/DC	MAIN RELAY COIL 24VDC

OTHER WIRE COLORS

RED	BATTERY 24VDC +
BLACK	BATTERY 24VDC -
GREEN/YELLOW	GROUND
BLACK/BLACK	BRUSH UNLOAD CIRCUIT
RED/BLACK	BRUSH UNLOAD CIRCUIT/BRUSH SWITCH
RED/VIOLET	24VDC AFTER MAIN KEYSWITCH
RED/VIOLET	24VDC AFTER MAIN KEYSWITCH
X15	OPTIONAL POWER 24VDC 3A MAX
X18	OPTIONAL POWER 24VDC 3A MAX

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TITLE	SCALE
SCHMATIC, E1720BD ELEC	NTS

MATERIAL	SEE NOTES	FINISH	SEE NOTES
TOLERANCES (UNLESS OTHERWISE SPECIFIED)	REMOVE BURRS AND BREAK SHARP EDGES .005/.020	SIZE	DRAWN BY JWP DATE 8/3/11
.000 ± .005		C	CHECKED BY JWP DATE 8/3/11
.00 ± .010			
ANGLES ± 30°			