Replacing Rubber Boot 18-3243
Service Documentation

Background

Part 18-3243, a rubber insulator, has been found to be conductive in certain batches, which causes a shock hazard to service personnel. It has been replaced by a silicone boot, 18-3355. The correct part is orange/red in colour, while the bad part is black.

Machines affected

The defective part is found on the following products shipped since August 16, 1999:

TS3/8	from S330 to S389
TS3/8 Proofsetter	PRO47 to PRO90
TS4	from TF0013
TS8	up to TE047
TS8 Proofsetter	up to PX020
TS2637	from TN001
FX1	FX09 to FX24
TSVLF	B238 to B390
2630	All

Table 1 - Installation Guide by Product

Product	Item	Qty	Location
TS3244	10-1437	1	
	10-3619	2	EMI filter Load output (in the fan box)
	10-3617	2	EMI filter AC input (in the fan box)
TS4	10-4334	2	On the component mount assembly near the access panel
	10-4518	1	On the component mount assembly near the access panel
TS8	10-4334	2	On the component mount assembly near the access panel
	10-3910	2	On the +85V output
	10-4518	1	On the component mount assembly near the access panel (NOTE: THIS PART IS ONLY INSTALLED ON SPECTRUM MACHINES)
TS2637	10-4334	2	On the component mount assembly near the access panel
Proofsetter 4/8	10-1437	1	
	10-3619	2	EMI filter Load output (in the fan box)
	10-3617	2	EMI filter AC input (in the fan box)
FX1	10-3513	2	Inside EMI filter box near AC inlet
	10-3971	2	Inside EMI filter box near AC inlet
	10-1447	6	Debris Removal Cabinet
	10-4141	7	Drum Vacuum Drive
	10-4277	1	Drum Vacuum Pump
TSV	10-3513	2	Inside EMI filter box near AC inlet
	10-3971	2	Inside EMI filter box near AC inlet
	10-1447	6	Debris Removal Cabinet
2630	11-0790	2	Inside EMI box

	10-4258	2	Inside EMI box

INSTALLING THE SILICONE BOOT 18-3355

Using a sharp knife, remove the black rubber boot, part 18-3243 without nicking the wire insulation.

Referring to Figures 1 through 4, install the orange silicone boot, part 18-3355. Figures 1 and 2 show Method 1, which involves cutting the rubber boot on the underside, wrapping it around the connection, and securing it with a cable tie, part 18-3017 or 18-3049. Figures 3 and 4 show Method 2, which involves twisting the boot over the connection. Method 2 will not work in all instances.

Figure 1 - Cut boot ready for installation (Method 1)



Figure 2 - Installed boots with cable ties 18-3017



Figures 3 and 4 - Replacing boots without cutting (Method 2)



Figure 4 - Replacement complete

