

Outside Guard Power Supply**A17****3-17**

Use the following procedure to check and adjust the power supply on the Outside Guard Regulator PCA:

1. Connect the DMM common to TP1 on the Outside Guard Regulator PCA.
2. Set the DMM to measure dc volts.
3. For each step in Table 3-4, set the DMM to an appropriate range, connect the positive lead to the indicated test point, and verify or adjust the indicated potentiometer for the specified voltage.

END APRIL**Table 3-4. Outside Guard Power Supply Checks and Adjustments**

STEP	TEST POINT	ADJ. POINT	SPECIFIED VOLTAGE
1	TP2	R22	+5.15, \pm 0.00V dc
2	TP3	n/a	+5.00, \pm 0.25V dc
3	TP4	R18	+28.0, \pm 0.00V dc
4	TP5	n/a	+12.0, \pm 0.60V dc
5	TP6	n/a	-12.0, \pm 0.60V dc
6	TP8	n/a	-5.00, \pm 0.25V dc
7	TP7	n/a	-29V dc

4.9953V
4.9705V
28.257V
12.0585V
-11.7175V
-5.0374V

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Inside Guard Power Supply**A10****3-18**

Use the following procedure to check and adjust the power supply on the Inside Guard Regulator PCA:

1. Set the DMM to measure dc volts.
2. For each step in Table 3-5:

Table 3-5. Inside Guard Power Supply Checks and Adjustments

STEP	TEST POINT COMMON LEAD	TEST POINT POSITIVE LEAD	ADJ. POINT	SPECIFIED VOLTAGE
1	TP1	TP2	n/a	+17.0, \pm 1.00V dc
2	TP1	TP3	n/a	-17.0, \pm 1.00V dc
3	TP1	TP4	R95	+5.00, \pm 0.25V dc
4	TP1	TP5	n/a	-5.00, \pm 0.25V dc
5	TP1	TP6	n/a	-24.0, \pm 1.30V dc
6	TP1	TP10	n/a	+5.00, \pm 0.25V dc
7	TP7	TP8	n/a	+30.0, \pm 1.50V dc
8	TP7	TP9	n/a	-30.0, \pm 1.50V dc
9	TP11	TP12	n/a	+30.0, \pm 1.50V dc
10	TP11	TP13	n/a	-15.0, \pm 0.80V dc
11	TP14	TP15	n/a	+5.00, \pm 0.25V dc
12	TP16	TP17	n/a	+15.0, \pm 0.80V dc
13	TP16	TP18	n/a	-15.0, \pm 0.80V dc

REPAIR

+17.2143V
-17.2126V
+4.9914V
-5.1080V
-23.331V
+4.8322V
+17.2179V // +29.300V
-17.4220V // -29.766V
+29.295V
-14.9616V
+4.9616V
+14.5440V
-14.6600V