



Product Manager Firefinder
U.S. Army Communications-Electronics Command
Fort Monmouth, New Jersey 07703-5000

Maintenance Bulletin

AN/TPQ-36 Radar Systems	FILE NO. 165	REVISION:
SUBJECT: Addition of Diode Stack to TM 11-5840-354-24P Fig. 58	DATE: 09/19/03	CATEGORY: O/S Maintenance
SYSTEMS AFFECTED: AN/TPQ-36, All Versions		

- 1. Reference:** TM 11-5840-354-24P, Figure 58.
- 2. Scope.** Places the Diode Stack into TM 11-5840-354-24P.
- 3. Tools and Support Equipment.**
None Required

4. Description	NSN	Part No.	QTY
Diode Stack Assembly	5961-01-255-6641	SA 8858	1

Item is broken down in Figure 3 and Chart 1 attached.

5. Location of Diode Stack Assembly.

Reference TM11-5840-354-20P, Figure 58, Sheet 1 of 12, Figure 1 Attached, and Sheet 7 of 12, Figure 2 Attached. On Sheet 1 of 12 the Diode Stack is attached to the Inverter Transformer and is just barely seen under the Floating Deck. On Sheet 7 of 12 there is no representation of the Diode Stack in the drawing. Figure 1 and 2 provides representation as to where the Diode Stack is located. Figure 3 attached is the Diode Stack Assembly and Chart 1 shows the breakdown of the parts that make up the Diode Stack Assembly.

APPROVED BY LOGISTICS MANAGER: Walter Tyson, PMFF DATE: 09/19/03



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FIGURE 2
 TM 11-5840-354-24P, FIGURE 58 SHEET 1 OF 12

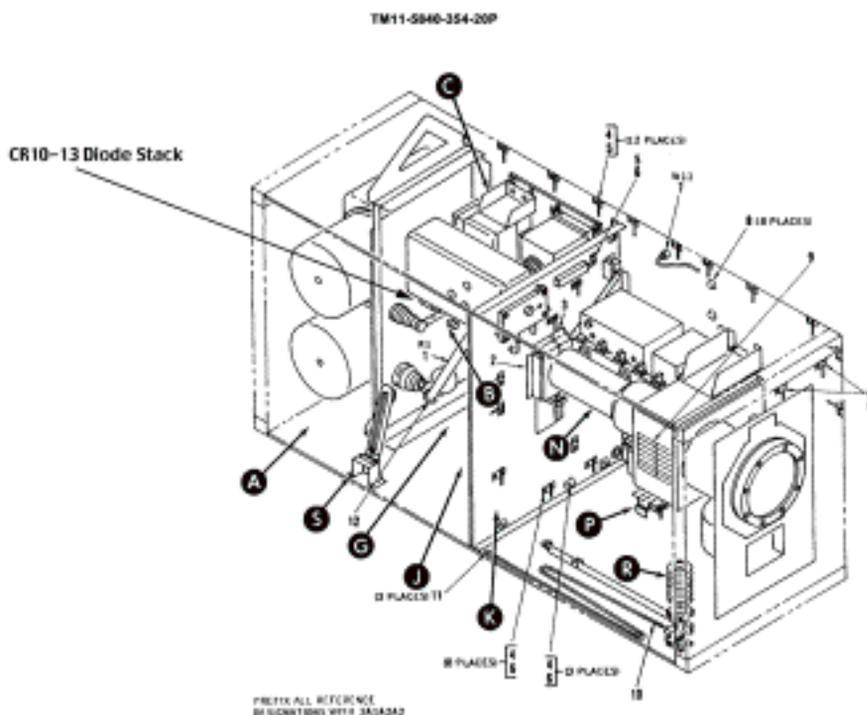


Figure 58. Amplifier and HV Subassembly (Sheet 1 of 12)

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FIGURE 3
TM11-5840-354-24P, FIGURE 58 SHEET 7 OF 12

TM 11-5840-354-24P

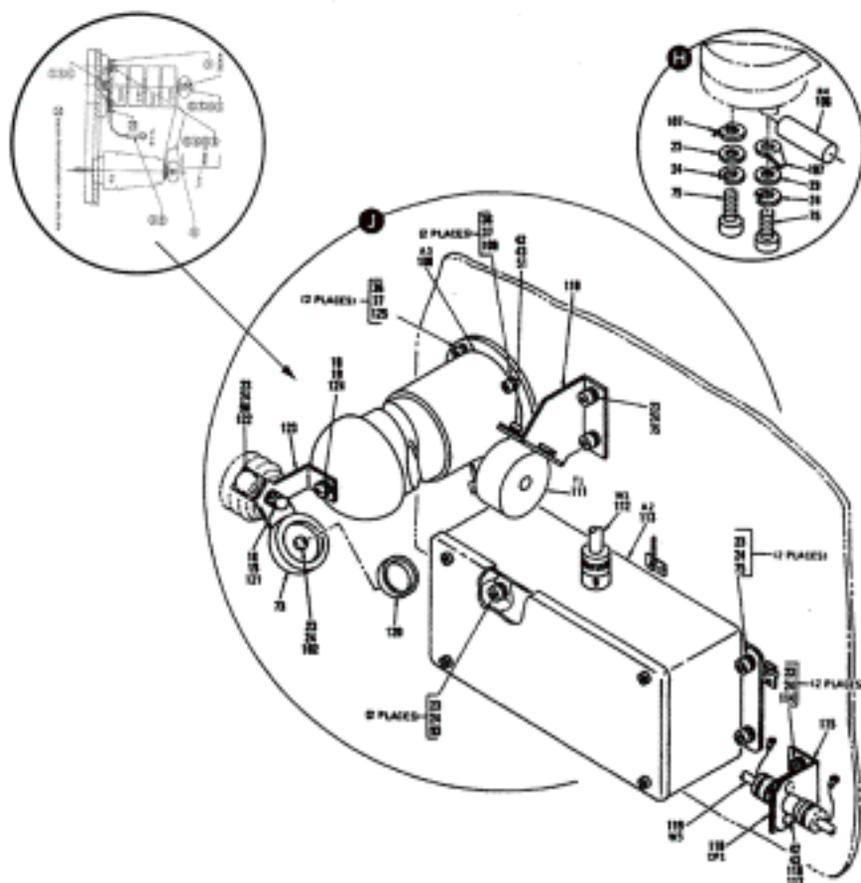


Figure 58. Amplifier and HV Subassembly (Sheet 7 of 12)

RLJH204

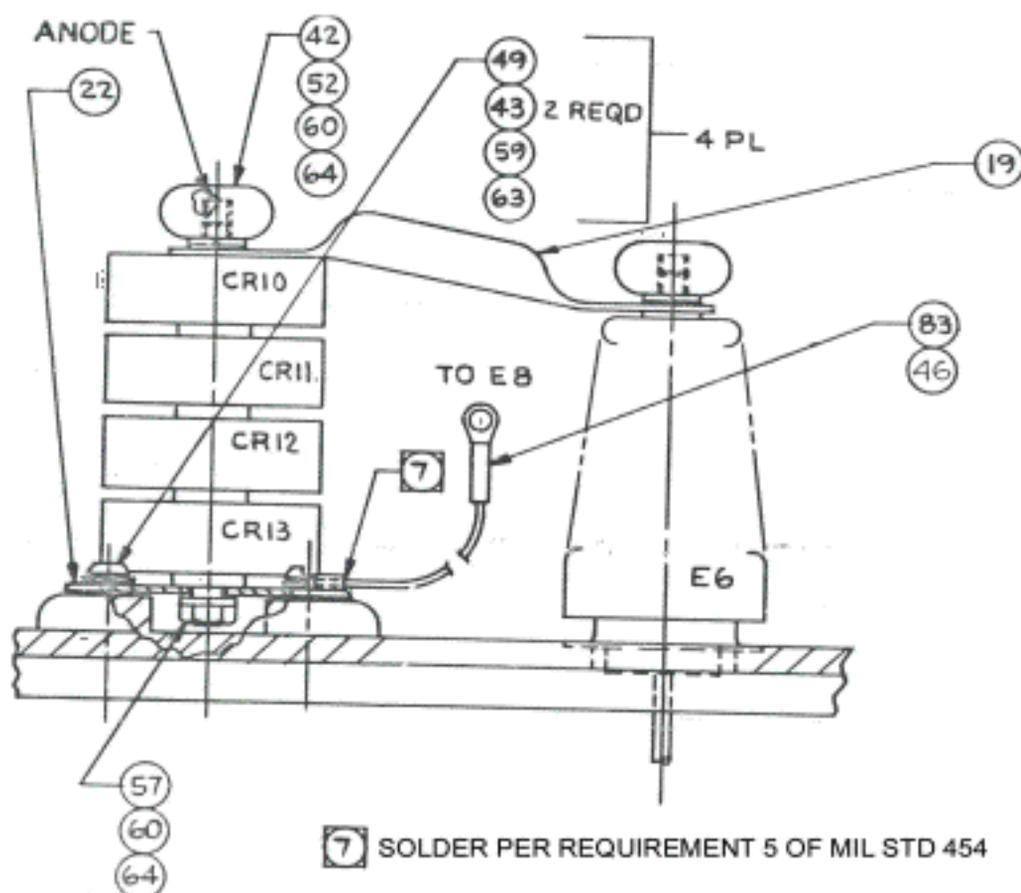


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Figure 3, Diode Stack Assy





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Chart 1, Diode Stack Assy Components

INVERTER XFMR DIODE STACK

ITEM NO.	DESCRIPTION	NSN	PART NO.	QTY
3	DIODE, SILICON, CR10 - 13	5961-01-186-2369	SM-C-801069-2	4
19	SUPPORT, DIODE		SM-C-802636	1
22	COVER, INV XFMR		SM-C-802639	1
42	NUT, SPHERICAL	5310-01-322-8777	SM-A-801265-2	1
43	WASHER, SHOULDER		SM-A-801175-2	8
46	WIRE, ELEC, TYPE E, 16 AWG, 19 STRANDS, WHITE TEFLON	6145-00-952-1735	MIL-W-16878/4	1
49	SCREW, CAP	5305-01-243-9355	SM-C-800983-11	4
52	SETSCREW	5305-00-724-5817	MS51964-70	1
57	NUT, HEX	5310-00-043-0520	MS35650-3252	1
59	WASHER, FLAT	5310-00-781-9483	NAS620C10L	4
60	WASHER, FLAT	5310-00-515-7449	AN960C416L	2
63	WASHER, LOCK	5310-00-045-3296	MS35338-43	4
64	WASHER, LOCK	5310-00-582-5965	MS35338-44	2
83	TERMINAL LUG	5940-00-143-4780	MS25036-108	1

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