

PARTS & SERVICE NEWS

REF NO. AA03153

DATE October 20, 2003

(C)

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SUBJECT: RECTIFIER PANEL UPGRADE

PURPOSE: To inform the field of a new rectifier panel upgrade.

APPLICATION: Komatsu Electric Drive Dump Trucks:
 930E-1: S/N's: 32604-32816, A30019, A30026 thru A30120;
 930E-2: S/N's: A30012, A30098, A30100, A30121 thru A30291, A30293, A30295,
 A30298 and A30299

FAILURE CODE: 082BZ9

DESCRIPTION: Rectifier Panel (GE1263)

A new rectifier panel (GE1263) is now available as an upgrade for rectifier panel GE0557, currently used on 930E trucks.

Added benefits of the new rectifier panel include:

- extended diode life
- lower operating temperature
- special design for high ambient temperatures, high altitudes and heavy haul applications

The new rectifier panel is essentially the same as the current panel with the exception of the heat sink assembly which includes high power diodes. The following pages include an illustration and parts list of rectifier panel (GE1263). Consult your nearest Komatsu parts distributor for pricing information on the new rectifier panel.

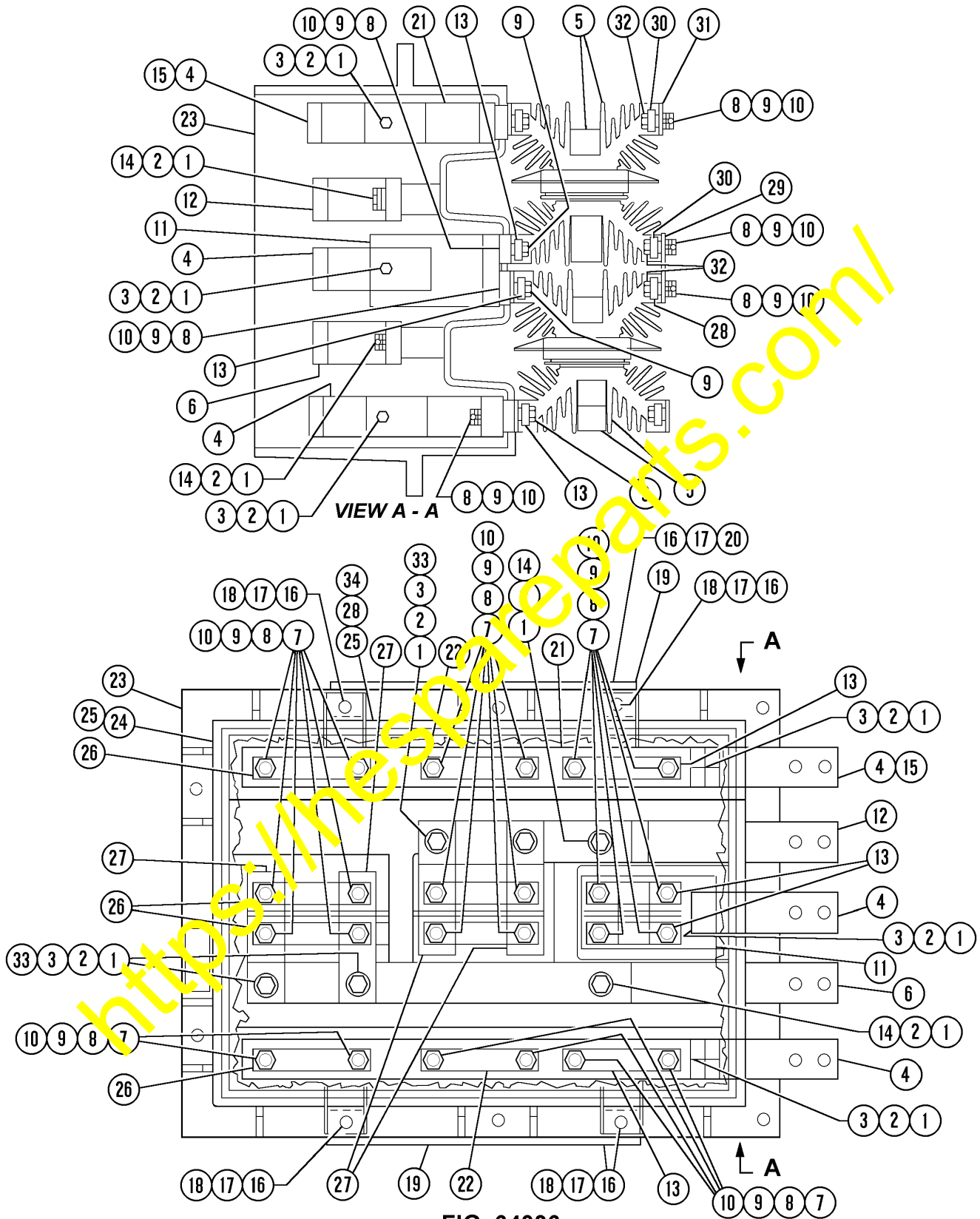


FIG. 64036
RECTIFIER PANEL

FIGURE 64036

RECTIFIER PANEL

GE1263

REF. NO.	PART NO.	QTY.	DESCRIPTION
1.00	VE4515	18	FLAT WASHER - 3/8"
2.00	VE4687	12	LOCKWASHER - 3/8"
3.00	TC1233	10	NUT - 3/8"
4.00	VE5041	3	BAR, BUS INSULATED
5.00	GE1265	6	SINK, HEAT
6.00	VE5034	1	BAR, BUS INSULATED
7.00	VE4697	24	CAPSCREW - 5/16" - 18NC X 2"
8.00	VE4648	44	FLAT WASHER - 5/16"
9.00	VE4696	44	LOCKWASHER - 5/16"
10.00	VE5013	44	NUT - 5/16"
11.00	VE5011	1	BAR, BUS ASSEMBLY
12.00	VE5033	1	BAR, BUS INSULATED
13.00	VE5019	4	SPACER
14.00	VE4739	2	CAPSCREW - 3/8" - 16NC X 1"
15.00			NOT USED IN THIS APPLICATION
16.00	SP8417	8	FLAT WASHER - 1/4"
17.00	DC3584	8	LOCKWASHER - 1/4"
18.00	VE4840	4	CAPSCREW - 1/4" - 20NC X 1 1/4"
19.00	VE5023	2	HANDLE
20.00	VE5024	4	MACHINE SCREW - 1/4"
21.00	VE5007	2	BAR, BUS ASSEMBLY
22.00	VE5020	4	SPACER
23.00	VE5003	1	BOX
24.00	VE5005	2	GASKET
25.00	VE3025	AR	CEMENT
26.00	VE5021	4	SPACER
27.00	VE5008	4	BAR, BUS
28.00	VE5004	1	COVER ASSEMBLY
29.00	VE5014	6	BAR, BUS
30.00	VE5018	20	SPACER
31.00	VE5015	4	BAR, BUS
32.00	VE5016	20	CAPSCREW - 5/16" - 18NC X 1 1/8"
33.00	VE4640	4	CAPSCREW - 3/8" - 16NC X 1 1/2"
34.00	VE5006	2	GASKET

AR= As Required