

PARTS & SERVICE NEWS

REF NO.	AA02167
DATE	July 22, 2002

SUBJECT: 24 VOLT BATTERY CHARGING ALTERNATOR

PURPOSE: To inform the field of an improved battery charging alternator and upgrade kit.

APPLICATION: Komatsu Electric Drive Dump Trucks:
 730E: AFE47-A and up, A30079 and up;
 830E: AFE32-A and up, A30544 and up;
 930E: AFE48-A and up, A30019, A30026 and up;
 Komatsu Mechanical Drive Dump Trucks:
 530M: AFP49-Z - AFP49-Y, A30001 - A30038;
 HD1500: AFP49-Z and up, A30039 and up

FAILURE CODE: AB00Z9

DESCRIPTION: Battery Charging Alternator (XA2085) and Alternator Upgrade Kit (XA2086)

Some trucks in the field may have a battery charging alternator (PC0644) that may experience a short service life. An improved battery charging alternator (XA2085) is now available. The improved alternator has a wider, stronger rear bearing support web and a six-point fan guard mounting. The alternator also has a new regulator design which features a circular military-style connector and solid rubber gasket for improved moisture resistance.

In addition, upgrade kit (XA2086) has been developed in order to extend the service life of battery charging alternator (PC0644). The upgrade kit features a double row rear ball bearing. The contents of the kit are listed in the table below.

Battery Charging Alternator Upgrade Kit (XA2086)

Part Number	Quantity	Description
XA2143	1	Fan
XA2144	1	Bearing, Double
BF4877	1	Retaining Ring
BF2002	9	Nut, Lock Flange
XA2119	5	Grommet
BF4977	5	Screw, FH M5