

PARTS & SERVICE NEWS

REF NO.	AA01032
DATE	January, 21, 2001

SUBJECT: 930E WHEEL MOTOR ELECTRICAL DRIVE MOTOR BEARINGS

PURPOSE: To inform the field that AC motor bearing (GE0438), on the drive end, now supersedes all prior part numbers.

APPLICATION: Komatsu 930E Dump Trucks AFE48 - A & up, A30019 & up

FAILURE CODE: 0833Z9

DESCRIPTION:

The most current GEB16A3 AC motors (GE0053) are fitted with bearing (GE0438) on the drive end. All GEB16A1 and GEB16A2 AC motors (also GE0053) should be updated with bearing (GE0438). Failure to do so may result in damage to the AC motor and wheel assembly. Replace all drive end bearings that precede (GE0438). The bearings that preceded GE0438 were BF4772 and VE0636. Check the stamping on the bearing for positive identification. Refer to the chart below.

Bearing Part Number	Stamping on the Bearing
GE0438	NU1030M1C4
BF4772 & VE0636	NU1030M1C3

Some GEB16A1 and GEB16A2 motors may require a shaft update, in addition. See the accompanying table on the following page for serial numbers of AC motors that may require the update. Consult your local Komatsu Mining Systems Area Service Representative and/or your local General Electric Representative for specific updating instructions.

Relabel GEB16A1 and GEB16A2 motors as GEB16A3 after installation of bearing (GE0438) is complete.

The parking brake end bearing (GE0127) remains unchanged.

GEB16A1 and GEB16A2 AC Motor Serial Numbers That May Require A Shaft Update

AC MOTOR SERIAL NUMBER			
EE96030529	EE96080530A	EE97020344	EE97070332
EE96037712	EE96080531A	EE97021111	EE97070451
EE96040775	EE96111200	EE97030345	EE97080966
EE96046427	EE96111234	EE97030347	EE97080971
EE96050003	EE96116656	EE97060329	EE97080972
EE96050004A	EE96120129	EE97060348	EE97080973
EE96080429	EE97010340A	EE97060350	EE97080975
EE96080431	EE97010341	EE97060353	EE97080976
EE96080432	EE97010477	EE97060354	EE97080977
EE96080433	EE97010555	EE97060530	EE97080978
EE96080435	EE97013418	EE97060967	EE97080979
EE96080439	EE97020001	EE97060970	EE97080982
EE96080441	EE97020343	EE97065438	

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