

PARTS & SERVICE NEWS

REF NO.	AA03164
DATE	December 02, 2002

SUBJECT: STEERING BEARING IMPROVEMENT KITS

PURPOSE: To inform the field of a kit for improving steering bearing life.

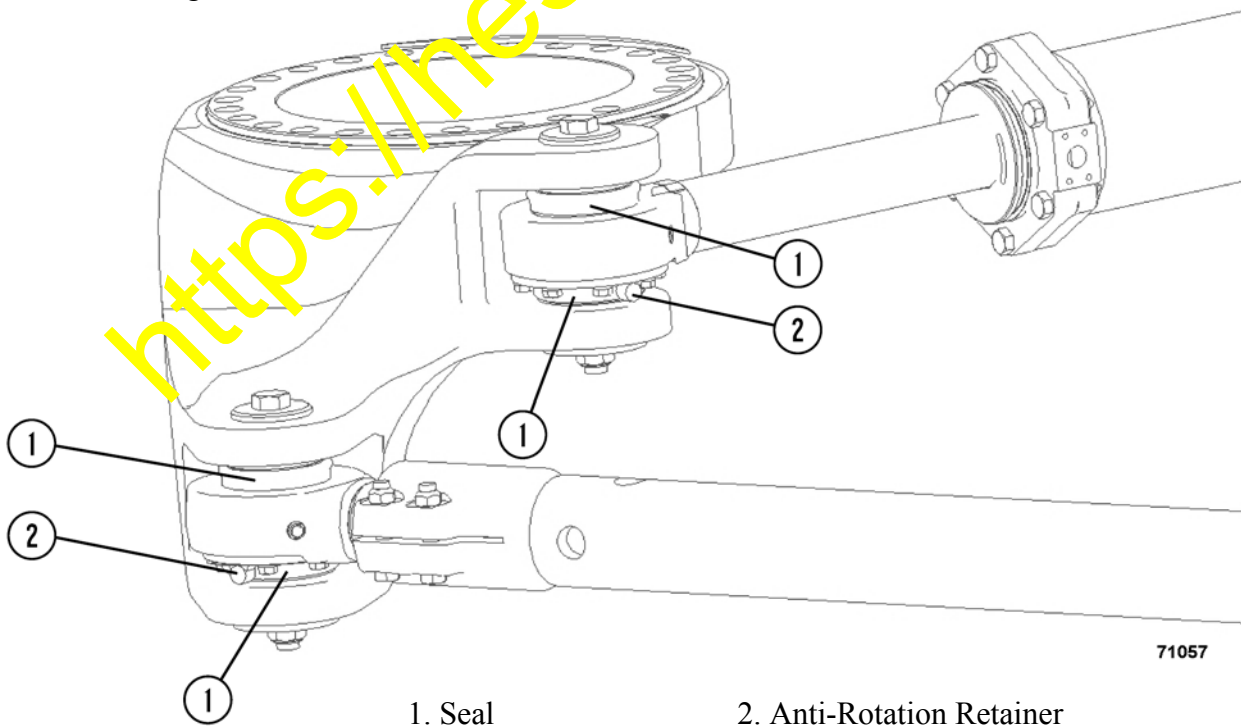
APPLICATION: Komatsu Electric Drive Dump Trucks:
 930E-3: A30304 & Up;
 930E-2: A30012, A30098, A30100, A30121-A30303;
 930E-1: 32604-32816, A30019, A30026-A30120;
 830E: 31320-32825, A30544 & Up;
 730E: 32530-32845, A30079 & Up

FAILURE CODE: 4A10CC

DESCRIPTION: 930E-2/930E-3 Steering Bearing Kit (XK0100), 930E-1 Steering Bearing Kit (XK0111), 830E Steering Bearing Kit (XK0155), 730E Steering Bearing Kit (XK0255)

Some trucks in operation may experience premature steering bearing wear. New kits have been developed to improve bearing life and reduce maintenance. Each kit includes dust seals (1, Figure 1) to keep dirt and dust from entering the bearing cavities, and anti-rotation retainers (2) to prevent excessive oscillation of the bearings. The contents of each kit are located in Tables 1 - 4. Each kit contains a drawing with installation instructions.

New, improved chrome bearings have also been introduced for extending bearing life. Refer to Parts & Service New Bulletin, AA03163, New Steering Bearings With Chrome Spherical Balls, for information on these bearings.



1. Seal 2. Anti-Rotation Retainer
FIGURE 1. STEERING BEARING KIT INSTALLATION

TABLE 1. 730E STEERING BEARING KIT (XK0255)		
Part Number	Description	Quantity
EK9370	Drawing, Steering Bearing Kit	1
EK3379	Seal, Spherical Bearing	12
EK3378	Spacer	12
EK9254	Retainer	6

TABLE 2. 830E STEERING BEARING KIT (XK0155)		
Part Number	Description	Quantity
EK3380	Drawing, Steering Bearing Kit	1
EK3377	Seal, Spherical Bearing	12
EK3376	Spacer	12
EK3384	Retainer, Anti-Rotation	4
EK3382	Retainer, Anti-Rotation	2

TABLE 3. 930E-1 STEERING BEARING KIT (XK0111)		
Part Number	Description	Quantity
EK0874	Drawing, Steering Bearing Kit	1
EK2849	Seal, Spherical Bearing	12
EJ8367	Spacer	12
EK1030	Retainer, Anti-Rotation	6

TABLE 4. 930E-2 / 930E-3 STEERING BEARING KIT (XK0109)		
Part Number	Description	Quantity
EK0873	Drawing, Steering Bearing Kit	1
EK2849	Seal, Spherical Bearing	12
EJ8353	Spacer	12
EK1030	Retainer, Anti-Rotation	6