

PARTS & SERVICE NEWS

REF NO.	AT04254
DATE	Sept. 28, 2004

SUBJECT: IMPROVED BEARING AT DIFFERENTIAL SIDE ON AXLE ON WA800-3, WA900-3, WA1200-3 AND WD900-3 TO PREVENT WEAR OF THE MOUNTING SECTION

PURPOSE: To inform field personnel

APPLICATION: WA1200-3 Wheel Loader S/N 50001 thru 50030
 WA800-3 Wheel Loader S/N 51001 thru 51003
 WA800-3A Wheel Loader S/N 50001 thru 50052
 WA800L-3 Wheel Loader S/N 52001 thru 52003
 WA900-3 Wheel Loader S/N 51001 thru 51003
 WA900-3A Wheel Loader S/N 50001 thru 50041
 WA900L-3 Wheel Loader S/N 52001 thru 52004
 WD900-3 Wheel Loader S/N 50001 thru 50001

FAILURE CODE: 2A23CA

DESCRIPTION:

1. Introduction

This Service News introduces the improved parts to prevent wear of the adjusting nut end surface and carrier bore that is caused by bearing turning by dragging at differential side on the axle on WA800-3, WA900-3 and WD900-3

2. List of parts

Details of the modification

- (1) Increasing the area of the contact surface to the bearing of the adjust nut, and addition of induction hardening
- (2) Decreasing the tolerance of the outer diameter of the bearing.

Assembly procedure

Refer to the section "Disassembly and assembly of differential ass'y" in the chapter "Disassembly and assembly" in the Shop Manual.

Partn No.	Part Name	Q'ty	Remarks
427-22-00611 (427-22-00610)	Carrier & Cap A.	2	For WA800,WA900-3 and WD900-3
42C-22-11104 (42C-22-11103)	Carrier & cap a.	2	For 1200-3
561-22-61960 (568-22-11960)	Bearing	4	
585-22-21140 (568-22-11611)	Adjust nut	4	
561-22-61150 (427-22-11150)	Lock	4	

Improved parts

The adjust nut <3> and the lock <4> must be replaced in a set. Other parts can be used separately.

No.	Part name	Q'ty/machine	Current parts	Improve parts	Description of change
<1>	CARRIER & CAP A. For the WA800/900-3 and WD900-3 For the WA1200-3	2 2	427-22-00610 42C-22-11103	427-22-00611 42C-22-11104	The tolerance of the bore diameter of the bearing has been changed.
<2>	BEARING	4	568-22-11960	561-22-61960	The tolerance of the outer diameter has been changed.
<3>	ADJUST NUT	4	568-22-11611	585-22-21140	The induction hardening has been added to the contact surface of the bearing. The square area of the contact surface of the bearing has been increased.
<4>	LOCK	4	427-22-11150	561-22-61150	The shape has been changed by modification of the adjusting pitch of the adjust nut.

