| COMPONENT CODE L9 |
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PARTS & SERVICE NEWS

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SUBJECT: MODIFICATION PROCEDURE TO PREVENT ABNORMAL WEAR OF SPLINE SECTION OF ADDITIONAL COOLER FAN DRIVE MOTOR SHAFT

- **PURPOSE:** To inform Field Personnel
- APPLICATION: WA900-3 Wheel Loaders, S/N 50001 thru 50041 WD900-3 Wheel Dozer, S/N 50001 thru 50014
- FAILURE CODE: L932CC

DESCRIPTION:

1. Introduction:

Since abnormal wear may occur on the spline section of the additional cooler fan drive motor shaft, it becomes necessary to modify the shaft structure and make the inclification as outined in this **PARTS** & **SERVICE NEWS**.

2. List of Parts:

| Part No. | Part Name | Purpose sí Part | Qty. | Remarks | |
|----------------|-----------|--------------------|------|------------------------------|--|
| 427-S05-5330 | Shaft | Replacement | 1 | | |
| (209-03-12171) | (Shaft) | | (1) | | |
| 07000-F2105 | C Fing | Addition | 1 | | |
| 06041-06211 | Bearing | | 2 | When reassembling, | |
| 07000-E2125 | C-Ring | | 1 | need to use <i>new parts</i> | |
| 07011-10070 | Oil Seal | | 1 | | |
| | • | • | | • | |

1. Details of the modification Improvement of the fan drive motor shaft

Current state

- <1> The grease to lubricate the spline section escapes to the outer circumferential section through the bearing where the immersion resistance is low and the grease is not supplied into the hollow section of the shaft.
- <2> The grease is dispersed to the outer circumferential section by the centrifugal force and grease film interruption occurs on the spline section.

Improved state

- <1> The greasing holes were added to change the structure so that the grease may enter into the hollow section of the shaft.
- <2> The grease dispersion preventive wall was added to prevent the grease film from being interrupted on the spline section.









Improved shaft (427-S05-5330)