

# PARTS & SERVICE NEWS

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**SUBJECT:** REPAIR PROCEDURE FOR GRAMMER'S SEAT WITH AJSS ON WA700-3, 800-3, 900-3 AND 1200-3

**PURPOSE:** To introduce modification procedure to repair GRAMMER's operator's seat on the AJSS spec. WA700-3, 800-3, 900-3 and 1200-3 wheel loaders

**APPLICATION:** Refer to below

**FAILURE CODE:** 5710PB

## DESCRIPTION:

### 1. Introduction

When the AJSS is installed to the GRAMMER's strengthened operator's seat on the WA700-3, 800-3, 900-3 and 1200-3 wheel loaders, because of insufficient stroke of the AJSS joint, the spline section of the AJSS shaft may move out from the AJSS joint to cause hitting failure. Therefore, make the modification introduced in this Service News to repair the failure.

\* AJSS (Advanced Joystick Steering System)

Applicable Serial No. of the GRAMMER + AJSS spec. machines in the field

Applicable Serial No. (13 machines in total)

No.	Machine model	Serial No.
1	WA700-3D	#51016
2	WA700-3	#51015
3	WA700-3	#51017
4	WA700-3	#51018
5	WA800-3	#51001
6	WA800-3	#51002
7	WA900-3	#50023
8	WA900-3	#50024
9	WA900-3	#50025
10	WA900-3	#50026
11	WA900-3	#50030
12	WA900-3	#50034
13	WA1200-3	#50022

## 2. List of parts

Part No.	Part Name	Purpose of part	Q'ty	Remarks
428-S33-2820 (428-S33-2811)	Seat ass'y (Seat ass'y)	Rework	1 (1)	
428-S33-2752	Spacer	} Addition	2	
428-S33-2760	Plate		2	
428-S33-2780	Stopper	Replacement	2	
01024-80816	Bolt	Addition	2	
01252-70840 (01252-70845)	Bolt (Bolt)	Replacement	2 (2)	

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3. Details of the modification

- (1) The positions of the suspension stoppers (the highest position and the lowest position) for the operator's seat have been changed to prevent the spline section of the AJSS shaft from moving out and hitting.

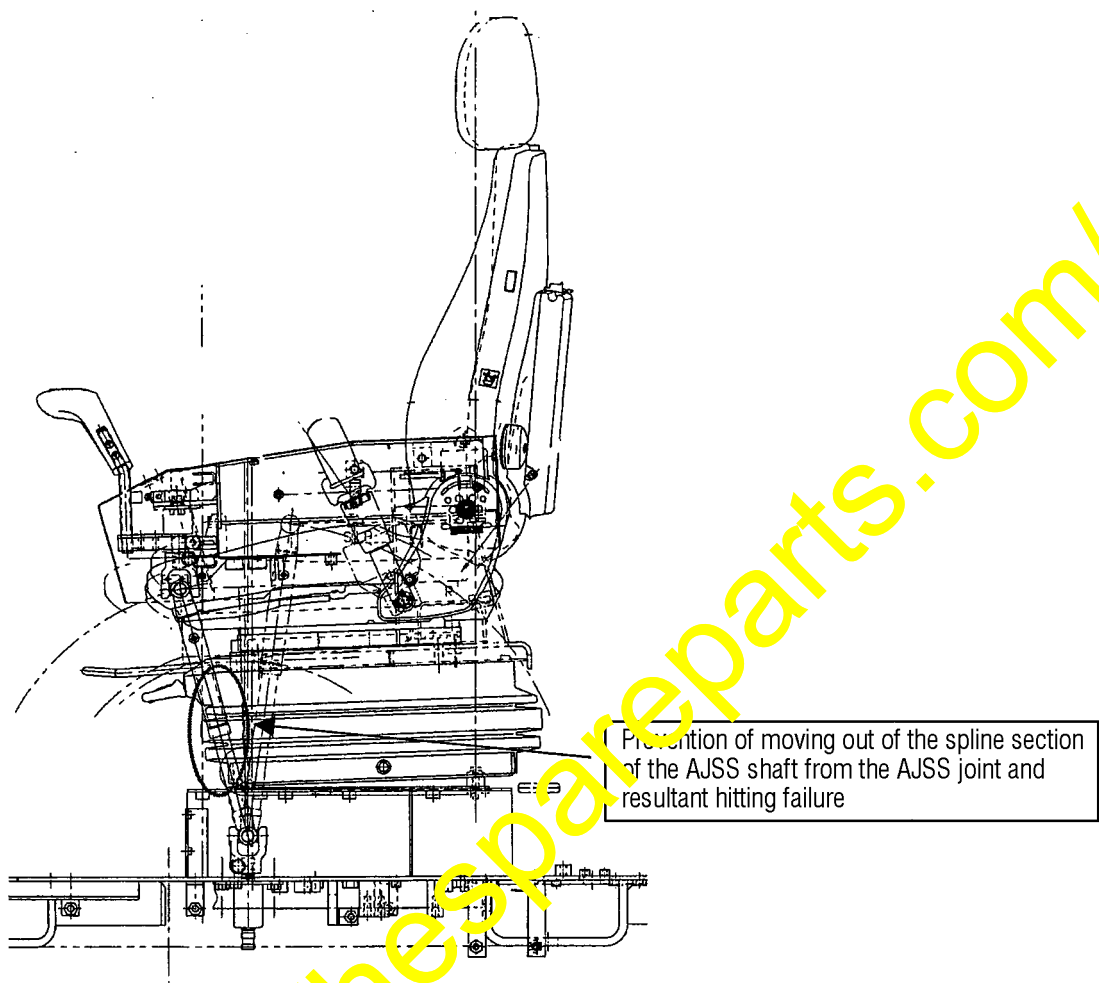
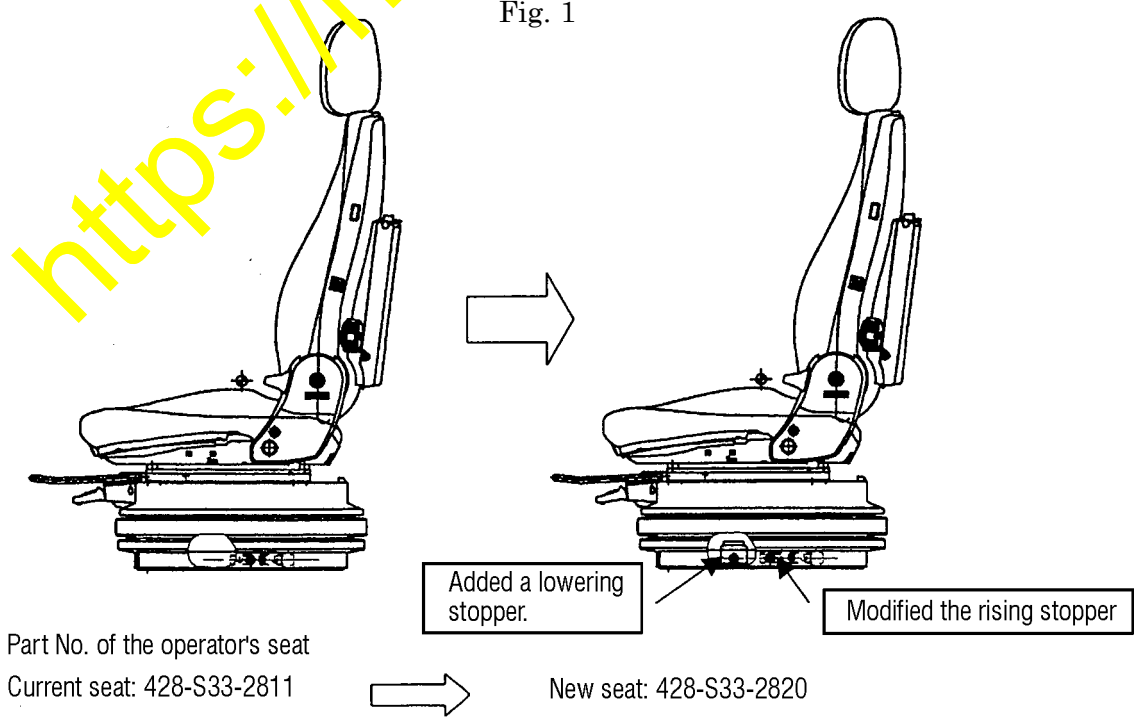


Fig. 1



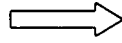
Part No. of the operator's seat  
Current seat: 428-S33-2811

New seat: 428-S33-2820

Fig. 2

- (2) The length of the AJSS bracket mounting bolts have been changed to prevent occurrence of interference between the bolt and the suspension.

Current bolt: Part No. 01252-70845



New bolt: Part No. 01252-70840

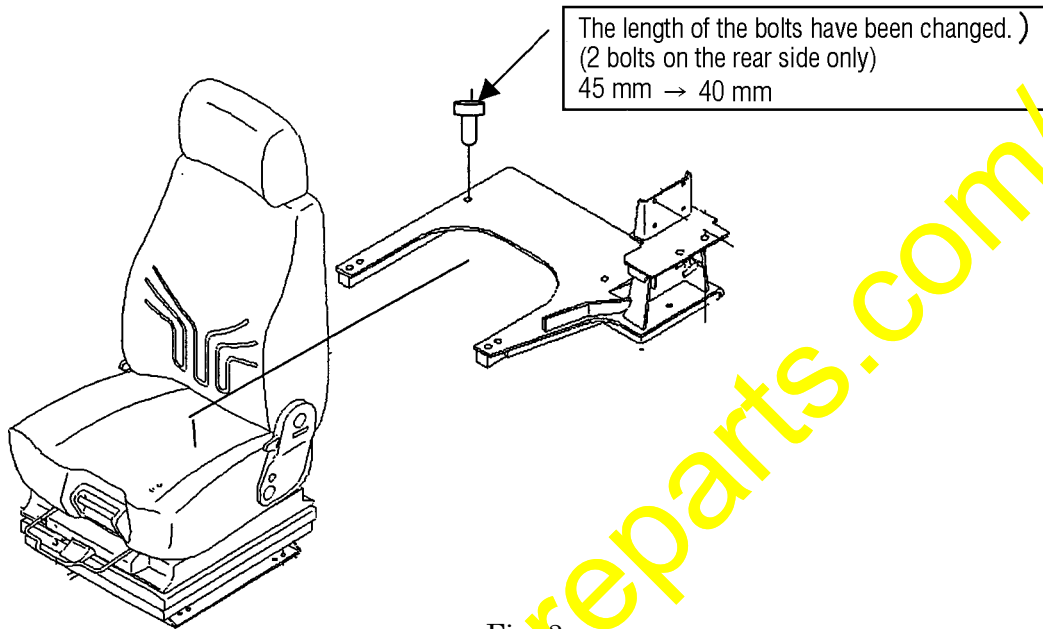


Fig. 3

(Failure phenomenon)

Interference occurs between the bolt and the suspension link to shorten the suspension stroke.

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4. Modification procedure

(1) Modification and addition of the suspension stoppers

- Before making this modification, remove the lower side of the suspension boot from the frame.
- Regarding the suspension, sit on the operator's seat and pull up the air adjust lever to set to the highest position.
- So that the suspension may not come down, insert a wooden block (of a length of 70 mm) to the link.

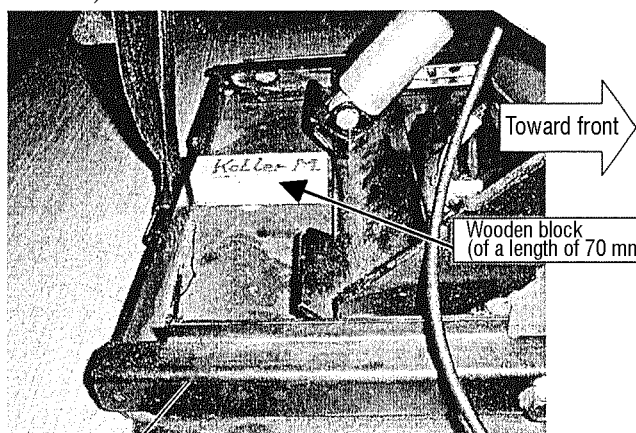


Photo. 1

Suspension

Air adjust lever

Suspension boot

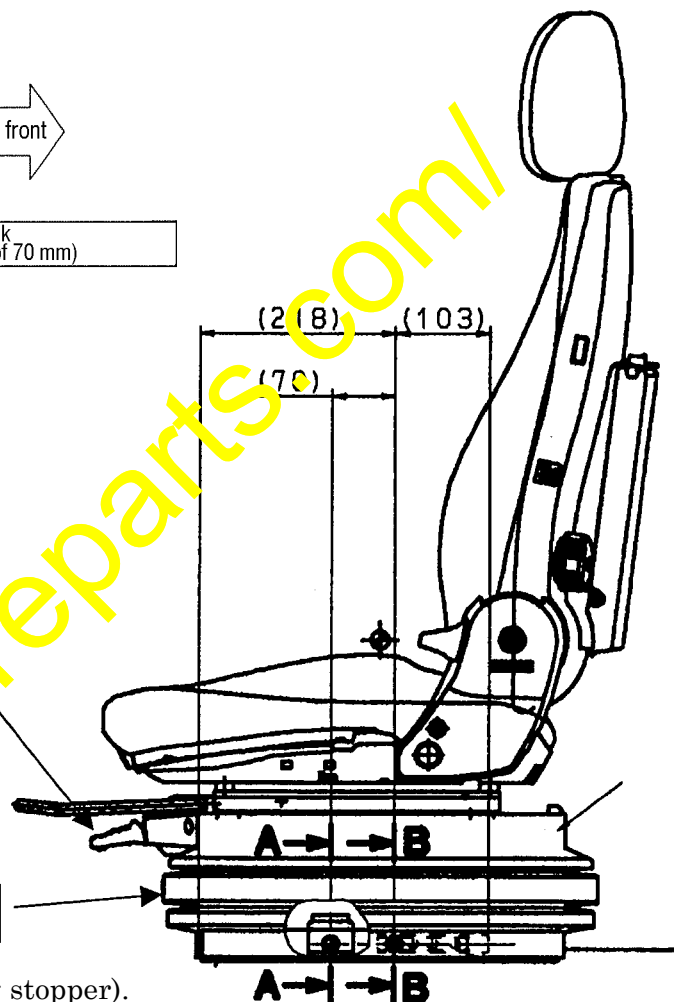
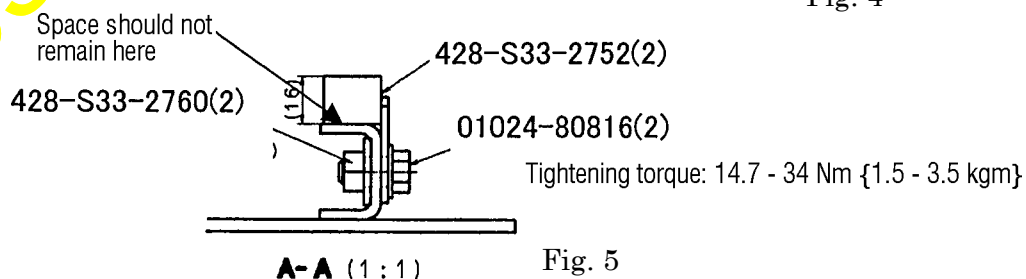


Fig. 4

- Add the suspension stoppers (lowering stopper). (On both of the LH and RH sides)

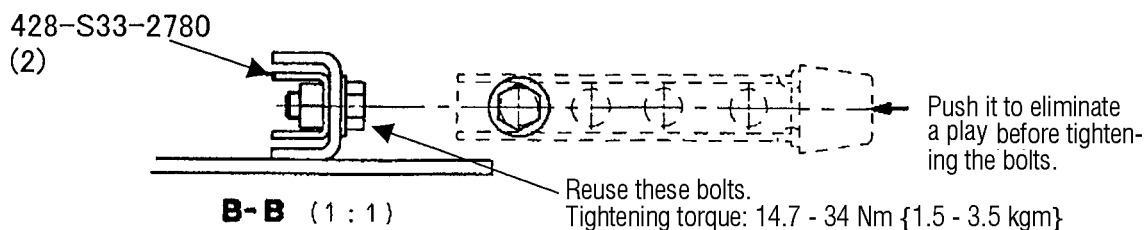


Tightening torque: 14.7 - 34 Nm {1.5 - 3.5 kgm}

A-A (1:1)

Fig. 5

- Replace the suspension stoppers (rising stopper). (On both of the LH and RH sides)



Reuse these bolts. Tightening torque: 14.7 - 34 Nm {1.5 - 3.5 kgm}

B-B (1:1)

Fig. 6

(2) Replacement of the bolts

- Slide the operator's seat to the front end position.

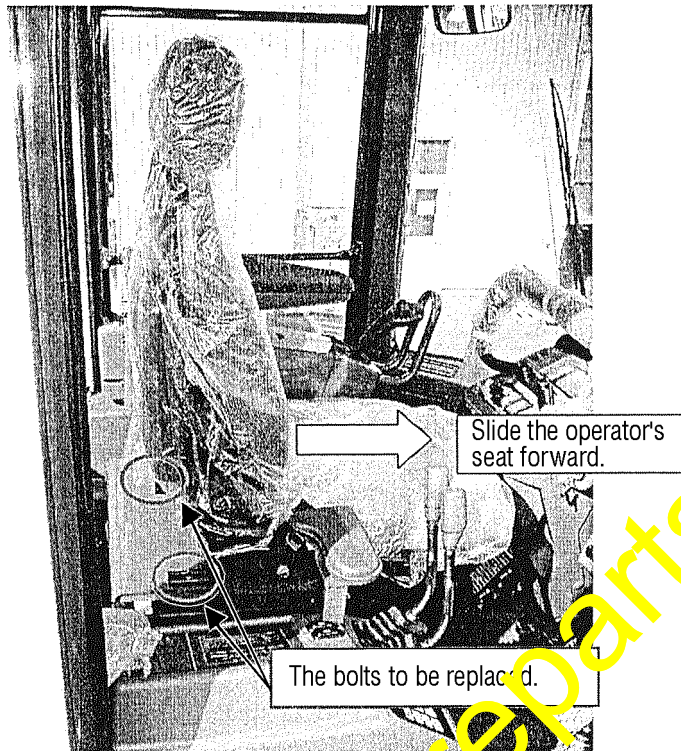


Photo. 2

- Replace the 2 bolts on the rear side of the AJSS bracket.

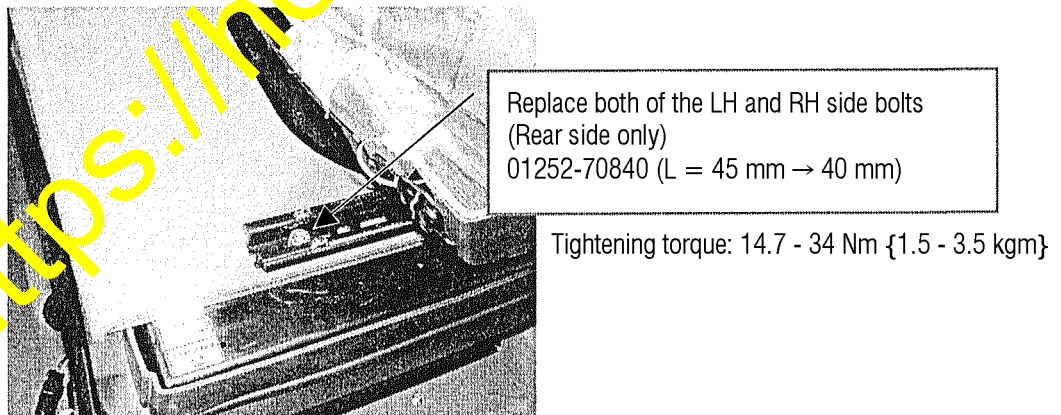


Photo. 3