PARTS & SERVICE NEWS

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Page 1 of 4

SUBJECT: MODIFICATION OF THE AXLE SUPPORT RUBBER BUSHING FIXING

PLATE

PURPOSE: To inform field personnel.

APPLICATION: HM350-1: 1001-1072

HM400-1: 1001-1139

FAILURE CODE: 5A52FA

DESCRIPTION:

Introduction

When rubber bush failed due to axle support fixing plate bolts are broken on HM350-1 and HM400-1, please repair in accordance with this Service News.

List of Parts

Part No.	Part Name	Purpose of Port	Qty	Remarks
56B-50-12142 (56B-50-12141)	Plate (Plate)	Fern cement	3 (3)	
01010-81230 (01010-81230)	Bolt (Bolt)	Replacement	30 (30)	Articles of Consumption
01010-82475 (01010-82475)	Bol. Bon.)	Replacement	12 (12)	Articles of Consumption
56B-50-12330 (56B-50-12330)	Pearing (Bearing)	Replacement	3 (3)	Articles of Consumption

1. Improvements

The thickness of the rubber bushing fixing plate has been changed from t9 to t14 to increase the rigidity of the plate. It decreases the stress applied to the bolt and prevents the bolts from being broken. (See Fig. 1)

If the bolts are broken, the rubber bushing will not be fixed in the axial direction and it will become broken.

If the bolts are broken with any of the axles, replace the rubber bushing also at the same time.

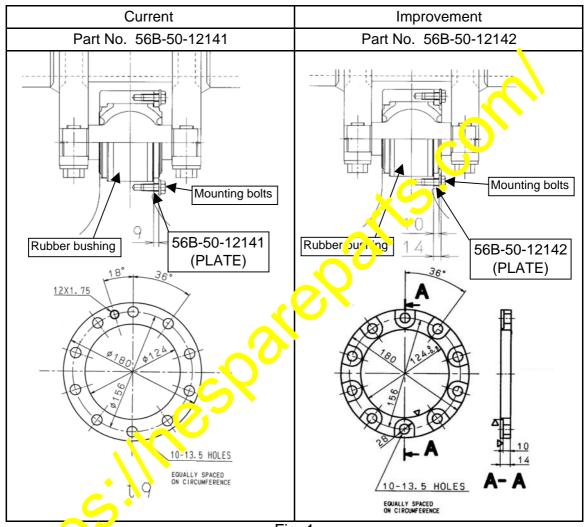


Fig. 1
2. Securons applicable to this modification

<HM350> Front axle Center axle Rear axle Improved Improved Current Improved Current Current Plate Part No. 56B-50-12141 56B-50-12142 56B-50-12141 56B-50-12142 56B-50-12141 56B-50-12142 Bolt Part No. 01010-81230(10) 01010-81230(10) 01010-81230(10) Bolt tightening 98 - 123 Nm 98 - 123 Nm 98 - 123 Nm Tighten with a set wrench. Tighten with a set wrench. torque Tighten with a set wrench. Tighten the bolts for 2 to 3 times each Notes until the tightening torque is stabilized.

<hm400></hm400>	Front	ovlo	Center axle		Rear axle	
	Current	Improved	Current	Improved	Current	Improved
Plate Part No.	56B-50-12141	56B-50-12142	56B-50-12141	56B-50-12142	56B-50-12141	56B-50-12142
Bolt Part No.	01010-81225(10)	01010-81230(10)	01010-81230(10)	←	01010-81230(10)	←
Bolt tightening	98 - 123 Nm		98 - 123 Nm		98 - 123 Nm	
torque	Tighten with a set wrench.		Tighten with a set wrench.		Tighten with a set wrench.	
Notes	Tighten the bolts for 2 to 3 times each until the tightening torque is stabilized.		←		←	
	Change the bolt length for the front axle on HM400 only.					

