

PARTS & SERVICE NEWS

Ref.no.	AH04007
Date.	05.07.2004

Subject: Modification procedure of muffler bracket on WA470-5H and WA480-5H.

Purpose: To introduce modification procedure to repair cracks on the muffler bracket for the SAA6D125 engines being used for WA470-5H and WA480-5H wheel loaders

Application: WA470-5H S/N: H50051 up to H50811
WA480-5H S/N: H60051 up to H60351

Failure code: A1V0HA

Description:

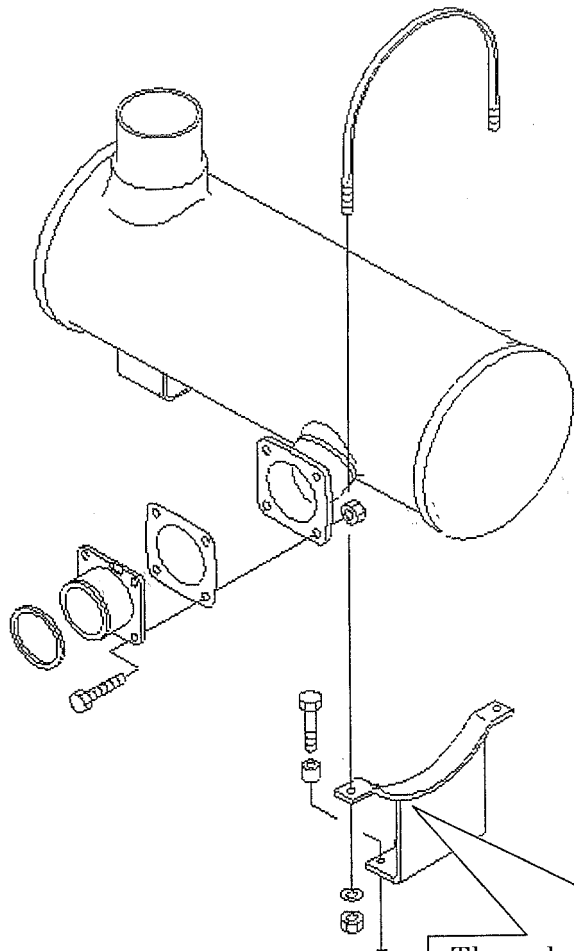
1. Introduction

When cracks occur on the muffler bracket for the SAA6D125 engines being used for the WA470-5H and WA480-5H wheel loaders, repair the cracks following the modification procedure described in this Service News.

2. List of parts

Part No.	Part Name	Purpose of part	Q'ty	Remarks
6156-11-5611 (6156-11-5610)	Bracket (Bracket)	Replacement	1 (1)	Part "①" in the "Modification procedure"
01010-E1055 (01010-E1050)	Bolt (Bolt)	Replacement	2 (2)	Part "②" in the "Modification procedure"
6631-11-5630	Spacer		2	Part "③" in the "Modification procedure"
6215-11-5740	Nut		2	Part "④" in the "Modification procedure"
01643-31032	Washer		2	Part "⑤" in the "Modification procedure"
6156-11-5630	Band		1	Part "⑥" in the "Modification procedure"

3. Details of modification



There has been a possibility of occurrence of cracks on the muffler sitting section. Therefore, this bracket has been modified as follows.

Fig. 1

Details of the modification of the bracket

- (1) The muffler sitting section (9 mm thick plate → 25 mm machined block)
- (2) The plate thickness has been changed and, moreover, the plate length along the muffler sitting section has been extended.

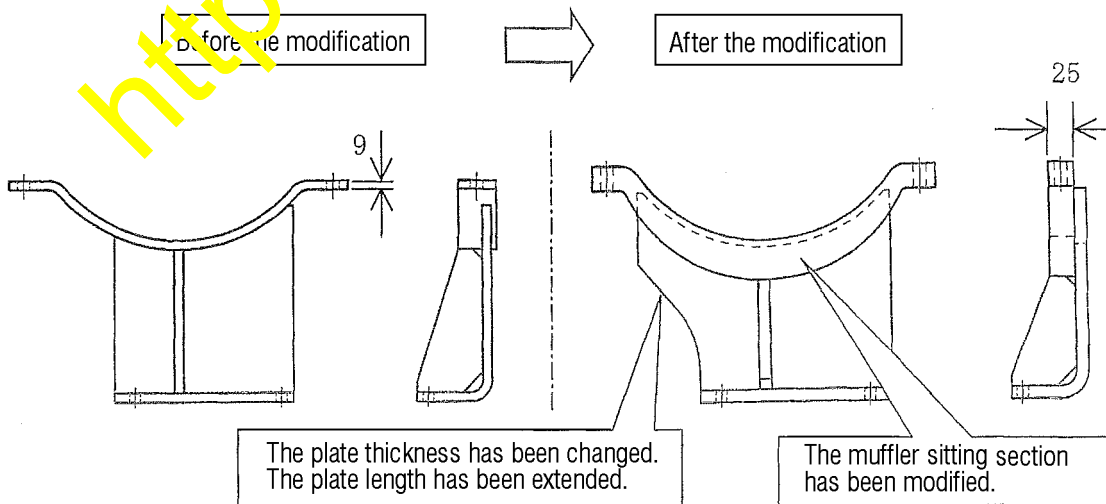


Fig. 2

4. Modification procedure

<<Removal procedure>>

- (1) Loosen the nut ④ remove the band ⑥.
- (2) Loosen the bolt ② and remove the bracket ①.

<<Installation procedure>>

- (1) Fasten the new bracket ① by the spacers ③ and the new bolts ②.
(Bolt tightening torque: 58.8 – 73.5 Nm {6.0 – 7.5 kgm})
- (2) Setting the band ⑥, fasten it by the nuts ④ and washers ⑤.
(Nut tightening torque: 9.8 – 14.7 Nm {1.0 – 1.5 kgm})

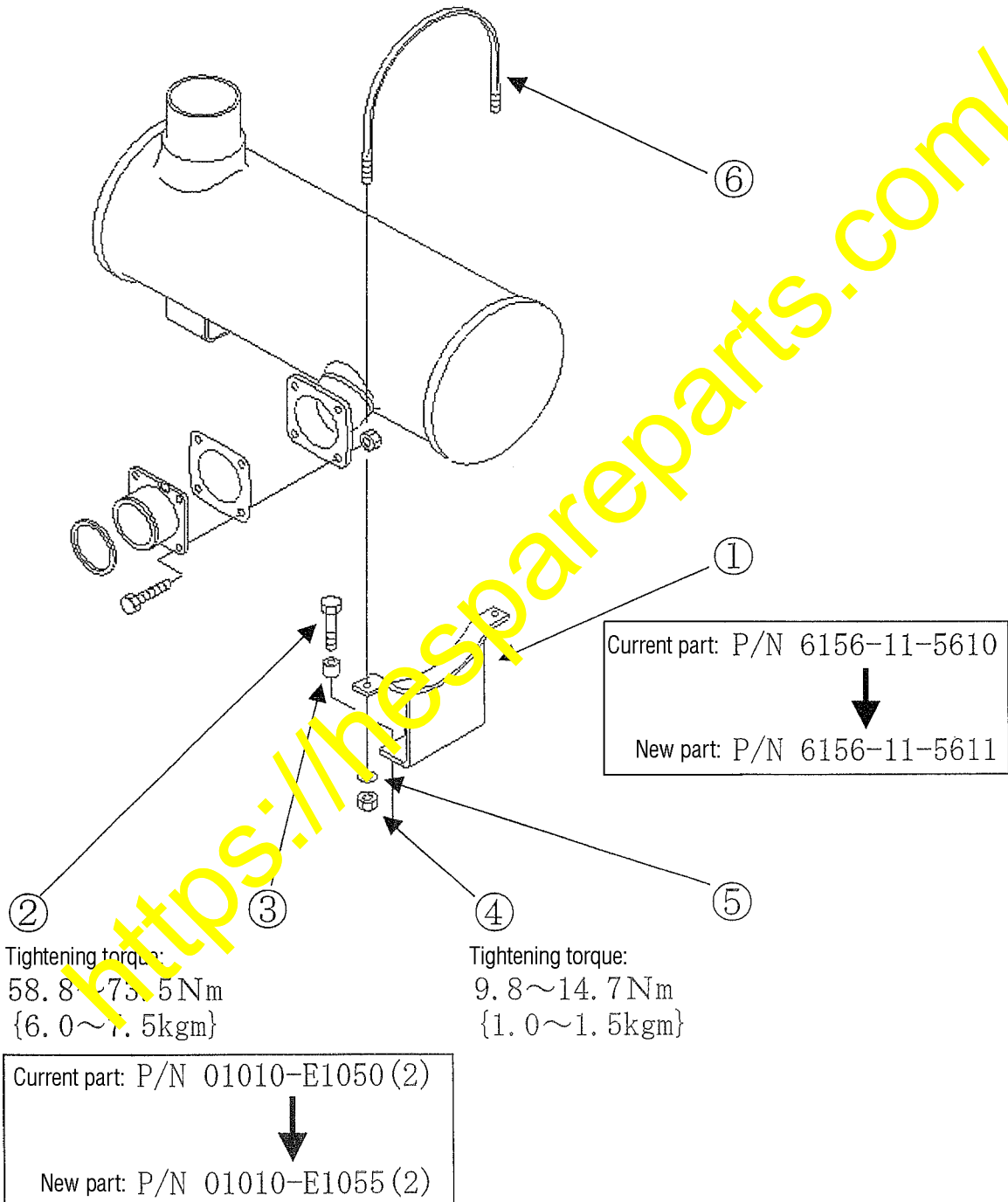


Fig. 3