

PARTS & SERVICE NEWS

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SUBJECT: MODIFICATION PROCEDURE FOR CLAMPING DRAIN TUBE OF MUFFLER (SAA6D114E-2)

PURPOSE: To inform Field Personnel

APPLICATION: WA380-5 Wheel Loaders, S/N 60001 and up
WA400-5 Wheel Loaders, S/N 70001 and up

FAILURE CODE: A1TEFM

DESCRIPTION:

1. Introduction:

The mounting plate for the drain tube of the muffler for the SAA6D114E-2 engines installed on the wheel loaders may break. When the above drain tube mounting plate breaks, repair following the procedure as outlined in this **Parts & Service News**.

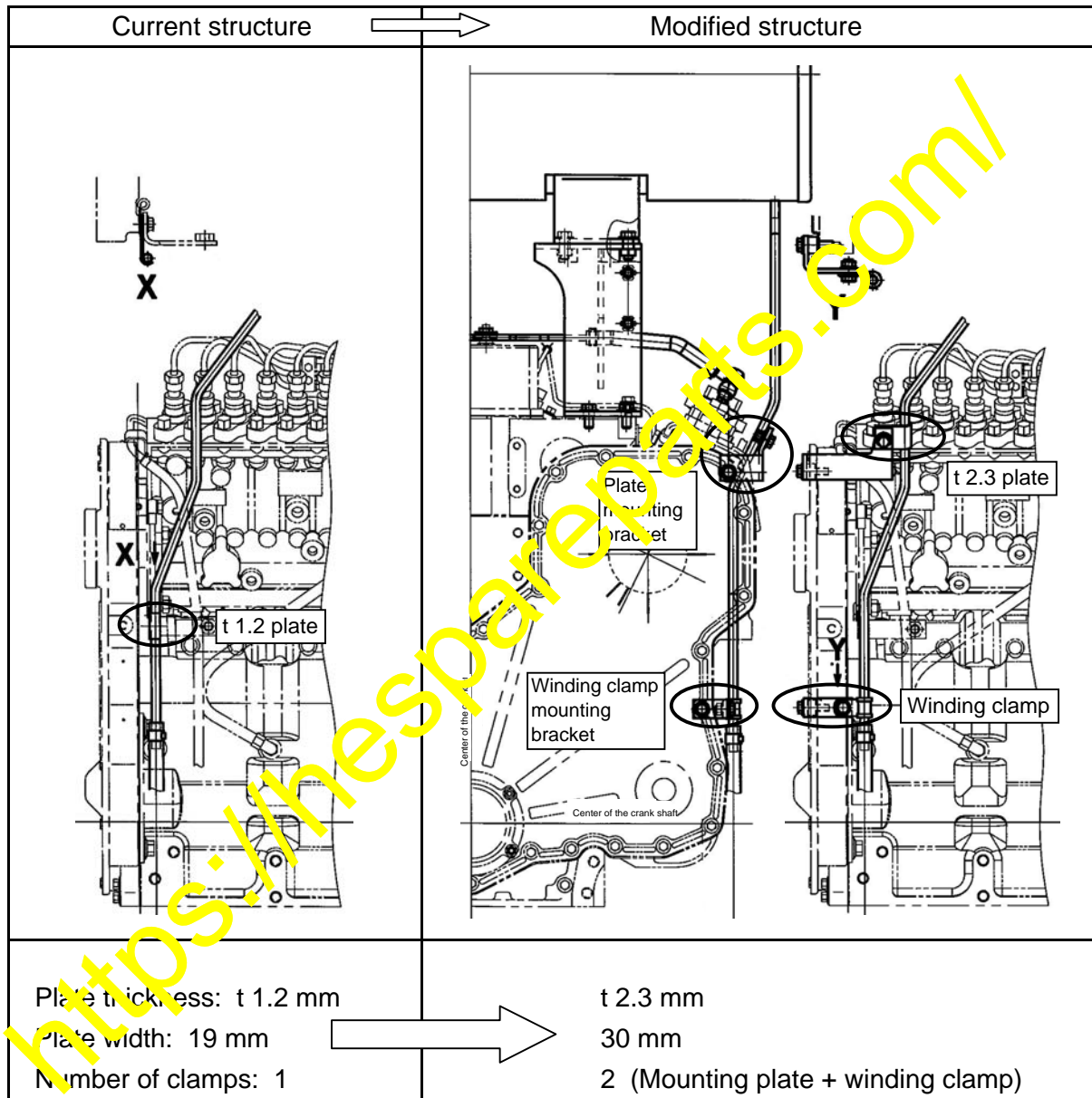
2. List of Parts:

Part No.	Part Name	Purpose of Part	Qty.	Remarks
6743-11-5361 (6743-11-5360)	Tube (Tube)	Replacement	1 (1)	
6743-11-5570	Bracket	Addition	1	Additional Part
01435-00830	Bolt			
6691-41-8230	Spacer			
01435-00816	Bolt			
01584-00806	Nut			
6743-11-5480	Bracket			
01435-00830	Bolt			
6691-41-8230	Spacer			
6151-55-8190	Clip			
01435-00816	Bolt			
01584-00806	Nut			

1. Details of the modification

The fixing method for the drain tube of the muffler is to be changed as follows to increase the strength, thus preventing the plate from cracking.

- 1) The plate thickness and the plate width of the drain tube mounting plate are to be changed to increase the strength.
- 2) A winding clamp is to be added.



2. Modification procedure

- 1) Remove the broken drain tube.
- 2) Remove the bolts for the front gear cover at the two places (marked ★) in the drawing shown below.
- 3) Temporarily tighten the mounting brackets 6743-11-5570 and 6743-11-5480 with the bolt (01435-00830) via the spacer (6691-41-8230).
At this time, apply liquid gasket to the range of 10 to 20 mm under head of the bolt.
- 4) Inserting the improved drain tube 6743-11-5361 into the muffler side tube, temporarily fasten it to the upper side bracket by use of the bolt (01435-00816) and nut (01584-00806) carefully not to apply a strong force to the tube.
Tighten the bracket side bolt and the tube side bolt. (Tightening torque: 2.8 - 3.5 Nm)
- 5) Temporarily fasten the clip (6151-53-8190) to the lower side bracket by use of the bolt (01435-00816) and nut (01584-00806) carefully not to apply a strong force to the tube.
Tighten the bracket side bolt and the tube side bolt. (Tightening torque: 2.8 - 3.5 Nm)
- 6) Reinstall the drain hose and clip to the original positions.

