

PARTS & SERVICE NEWS

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SUBJECT: INTRODUCTION OF IMPROVED HOSE CLAMP ON HD465-5/HD605-5

PURPOSE: To introduce a modification made to improve the hose clamps for the air intake pipings connecting between the after cooler and the engine on HD465-5 and HD605-5 dump trucks

APPLICATION: HD465-5 Dump Trucks, Serial Nos. 4407 thru 4886
HD605-5 Dump Trucks, Serial Nos. 1001 thru 1130

FAILURE CODE: 02A099

DESCRIPTION:

1. Introduction

This Service News will introduce the modification we made with the hose clamps for the air intake pipings connecting between the after cooler and the engine on the HD465-5 and HD605-5 dump trucks carrying engines conforming to the emission control regulations from the existing type clamps to the constant torque type clamps with which the tightening torque level is less apt to change.

This modification will contribute to the unification of hose clamp parts for the air intake pipings of the "air to air" circuits connecting to and from the after cooler and, also, to prevention of assembly errors which may occur while making field overhauling of the engine or field servicing.

Meanwhile, as for the hose clamps for the pipings connecting between the engine turbo charger and the after-cooler, previously issued Service News No. AT98175A is introducing a similar modification.

2. List of parts

No.	Part No.	Part Name	Q'ty	Remarks
1	07299-00120 (07239-00120)	Clamp (Clamp)	8 (8)	For pipings connecting between the after cooler and the engine

3. Contents of the modification

The current high torque type clamps (KES D07289) made by Breeze are being changed to Breeze's constant torque type clamps (KES D07299) with which the tightening torque level is less apt to change.

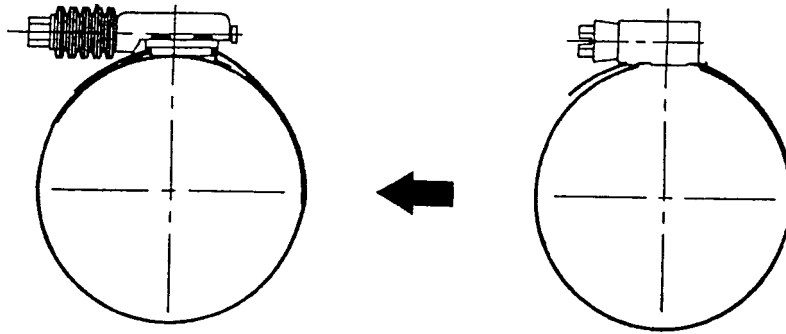


Fig. 1

4. Precautions when replacing the clamps

(1) The positioning of the clamp pair should be deviated by 130° .

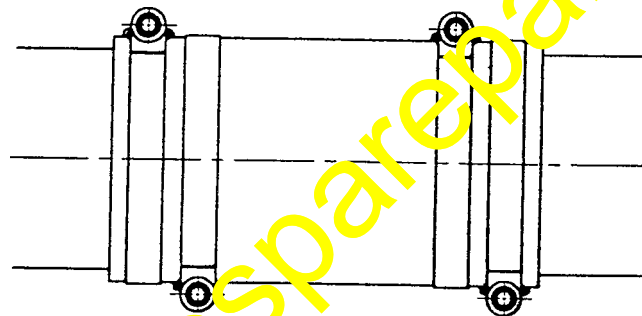


Fig. 2

(2) Tighten the clamps (07299-00120) at a tightening torque of 9.8 ± 0.5 Nm $\{1.0 \pm 0.05$ kgm $\}$.

When the clamps are tightened at the tightening torque of 9.8 Nm $\{1.0$ kgm $\}$, the projection of the upper end of the screw will be 5.1 mm.

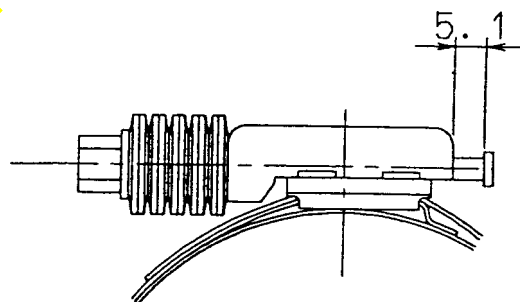


Fig. 3

5. Inspections to make after replacing the clamps

Start the engine and let the torque converter stalled with the vehicle at standstill. Under this state, check if air leakage is not occurring from any of these hoses for which the clamps have been replaced.

6. Changing sections and parts

The number being used in the illustration given below corresponds to the item number in the list of necessary parts for this modification.

The clamps with the Part No. 6162-14-4750 are identical to the clamps with the Part No. 07299-00120.

Since the part number conforming to the KES standard has been registered this time, we unified the part number for the clamps to the one conforming to the KES standard.

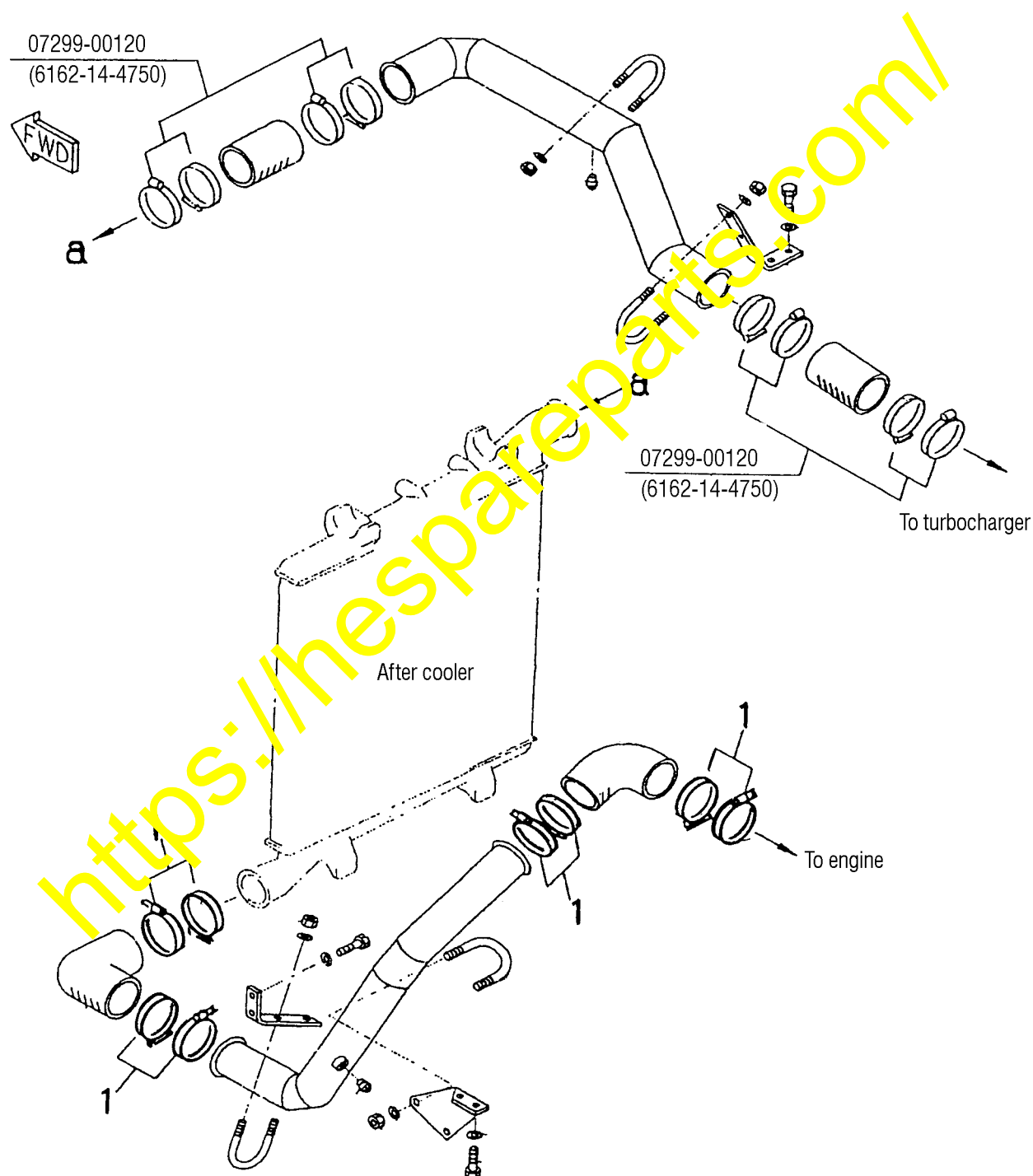


Fig. 4