

PARTS & SERVICE NEWS

REF NO. AA03175

DATE Dec. 16, 2003

(C)

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SUBJECT: AIR CONDITIONER - COMPRESSOR BRACKET

PURPOSE: Mounting of a new, improved compressor bracket in case of repair (Bracket mounting bolts have broken)

APPLICATION: WA90-3 Wheel Loader, S/N HA980622 and up
WA95-3 Wheel Loader, S/N HA970296 and up
WA115-3 Wheel Loader, S/N All

FAILURE CODE: AJ0QFF

DESCRIPTION:

On the above mentioned Wheel Loaders a new improved bracket for the compressor of the air conditioner is introduced. In case of repair (break of the bracket mounting bolts) the new, improved bracket has to be mounted.

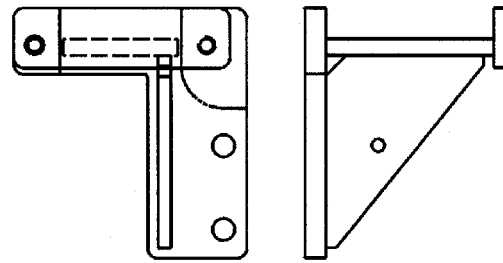
On page 2 you find the instructions for mounting of the new improved bracket.

Spare Parts:

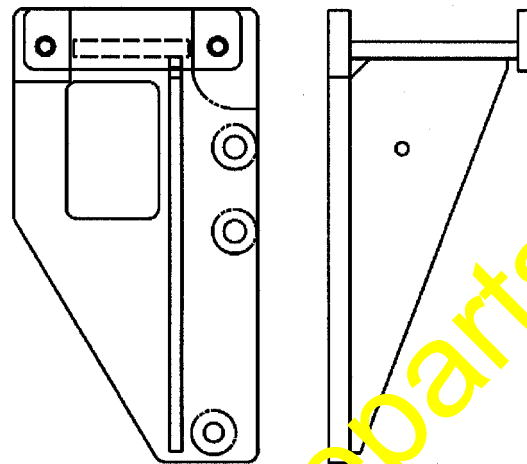
Pos.	Name	P/N Current	P/N New	Qty.
1	Bracket	42W-07-11360	42W-07-11580	1
2	Screw	01435-01020	01435-01025	2
3	Screw		01435-00825	1
4	Washer		421-00-H0760	2
5	Securing nut OKS90		42S-09-H0580	1

Before starting the new work, prepare the machine as follows:

- Park the machine on level, solid ground and apply the parking brake.
- Stop the engine.



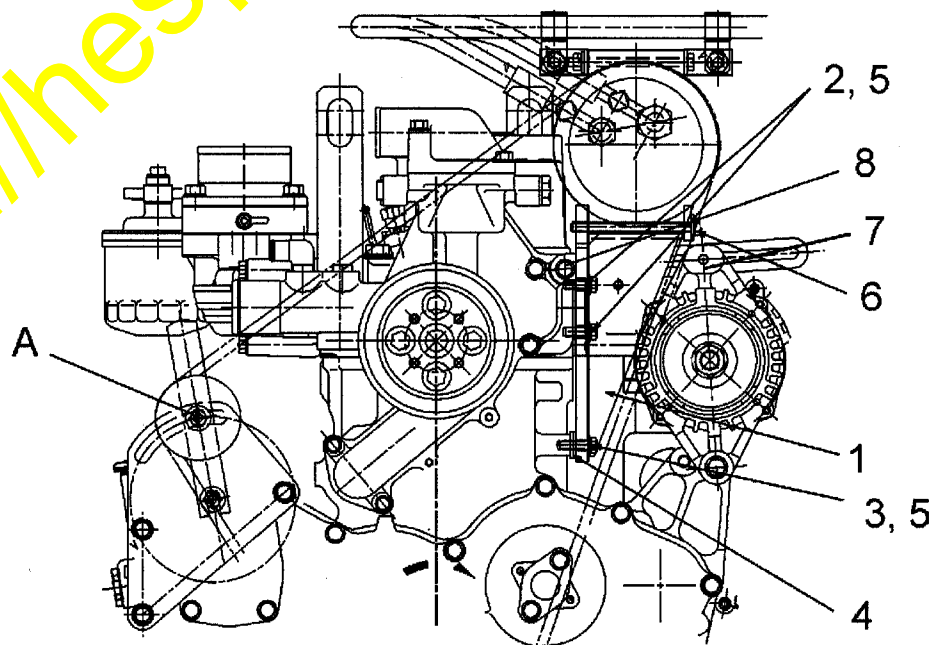
BRACKET: CURRENT



BRACKET: NEW

Mounting of the new new, improved compressor bracket:

1. Loosen the spanner (A) for the compressor V-belt and remove the V-belt. Remove the two tightening screws (6) of the compressor.
2. Remove the two tightening screws (6) of the compressor.
3. Lay aside the compressor.
4. Loosen the two mounting screws (2) of the bracket and remove the bracket.
5. Loosen the mounting screws for the bracket at the alternator (7) and at the water pump (8) and lay the bracket aside.
6. Screw on the new compressor bracket (1) above with the two new screws (2) using securing means OKS90 (5)



7. Depending on the gap between bracket and engine housing at the thread hole for the third screw, set one or two washers (4) to minimize the clearance and mount the new screw (3) using securing means OKS90 (5).
8. Tighten the screws (2). Tightening torque = 65 Nm.
9. Tighten the new screws (3). tightening torque = 33 Nm.
10. Remount the bracket of the alternator at the water pump (8), adjust the tension of the V-belt of the alternator and tighten the bracket.
11. Screw on the compressor with the two current screws (6) and tighten it.
12. Set on the V-belt for the compressor and adjust the tension.

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