

PARTS & SERVICE NEWS

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SUBJECT: IMPROVEMENT OF AIR CLEANER ELEMENT EXCHANGE ON WA700-1

PURPOSE: To introduce modification procedures for improving ease of maintenance (cleaning and replacement) of the air cleaner element on WA700 wheel loaders carrying non-freon air conditioners.

APPLICATION: WA700-1 Wheel Loaders, Serial Nos. 10111 thru 10118
 WA700-1A Wheel Loaders, Serial Nos. 10111 thru 10118
 WA700-1D Wheel Loaders, Serial Nos. 10111 thru 10118

DESCRIPTION:

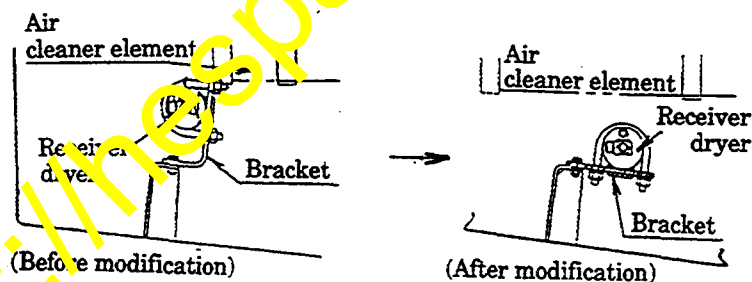
1. Introduction

With non-freon air conditioner mounted on the above models, the receiver dryer mounting bracket interferes with removal and installation of the air cleaner element on the left-hand side of the vehicle. Modification should be made with all the applicable vehicles.

Therefore, replace the specified part with the improved version, following the procedures in this SERVICE NEWS.

☆ Contents of the modification:

The shape of the receiver dryer mounting bracket has been changed according to the schematic diagrams at right to facilitate removal and installation of the air cleaner element.



2. List of repair parts

Part No.	Part Name	Q'ty	Purpose of parts	Remarks
428-S62-1111 (428-S62-1110)	Bracket (Bracket)	1 (1)	Replacement	

3. Modification procedures

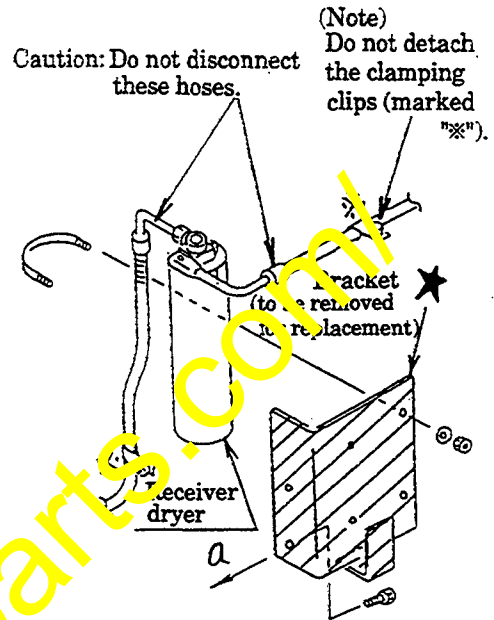
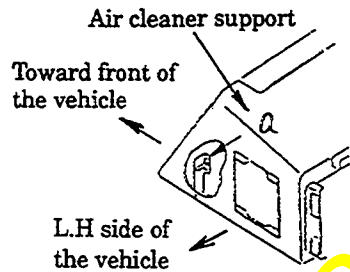
Replace the receiver dryer mounting bracket following the procedures given below.

① Removing the bracket (on the L.H. side of the vehicle)

- a. Remove the receiver dryer mounting bracket inside the air cleaner support. (The part marked "★" in the schematic diagram at right.)

(Note) All other parts than the bracket are to be re-used when re-assembling

Caution: Do not disconnect the hoses (2 hoses) connected to the upper section of the receiver dryer. The refrigerant gas of the air conditioner will leak if these hoses are disconnected.



② Installing the new bracket (428-S62-11.1)

- a. Install the new bracket to the position of the current bracket which you removed according to the above procedure ①.

(Note) Bolt (M8): Tightening torque:
27 — 34 N·m (2.8 — 3.5 kgm)

- b. Mounting the receiver dryer

- Install the receiver dryer to the direction shown by Z-view in the schematic diagram at right.

(Note) Locknut (M10):
Tightening torque: 1.43 Nm (14 kgm)

Mount the receiver dryer to the mounting bracket inside the air cleaner support.

