

# PARTS & SERVICE NEWS

REF NO.	A930038
DATE	Mar. 19, 1993

**SUBJECT:** REPAIR OF THE COVER PLATE IN THE REAR FRAME

**PURPOSE:** To describe how to ensure a tight seal between the cover plate (bulkhead) and the chassis left side where slight clearance exists, thereby preventing possible oil leakage from the work equipment hydraulic unit into the engine area.

**APPLICATION:** WA700-1 Wheel Loaders, Serial Nos. 10001 thru 10093

**DESCRIPTION:**

**1. INTRODUCTION**

On a WA700-1 cover plates are provided between the work equipment hydraulic unit and the engine room to prevent the possibility of oil leakage from the hydraulic unit into the engine area.

This **PARTS & SERVICE NEWS** introduces a new baffle to ensure tight sealing to prevent oil leakage through a slight clearance on the chassis left side.

For the WA700-1 machines already shipped, the new additional baffle should be installed according to this **PARTS & SERVICE NEWS**.

**2. PARTS REQUIRED FOR REPAIR ON THE COVER PLATE.**

Part No.	Part Name	Q'ty	Purpose of part	Remarks
428-54-11821 (428-54-11820)	RUBBER (RUBBER)	1 (1)	Replacement	
428-54-13460	RUBBER	1	Addition	
427-54-13890	PLATE	1	Addition	
04050-13020	PIN	10	Addition	

### 3. OUTLINE OF THE IMPROVEMENT

- (1) Add a rubber baffle to cover the opening (the portion marked ★ between the frame and the existing bulkhead) at the leftside lower end of the bulkhead.
- (2) Cover the opening (marked ⊙) by extending the existing rubber baffle lower part.

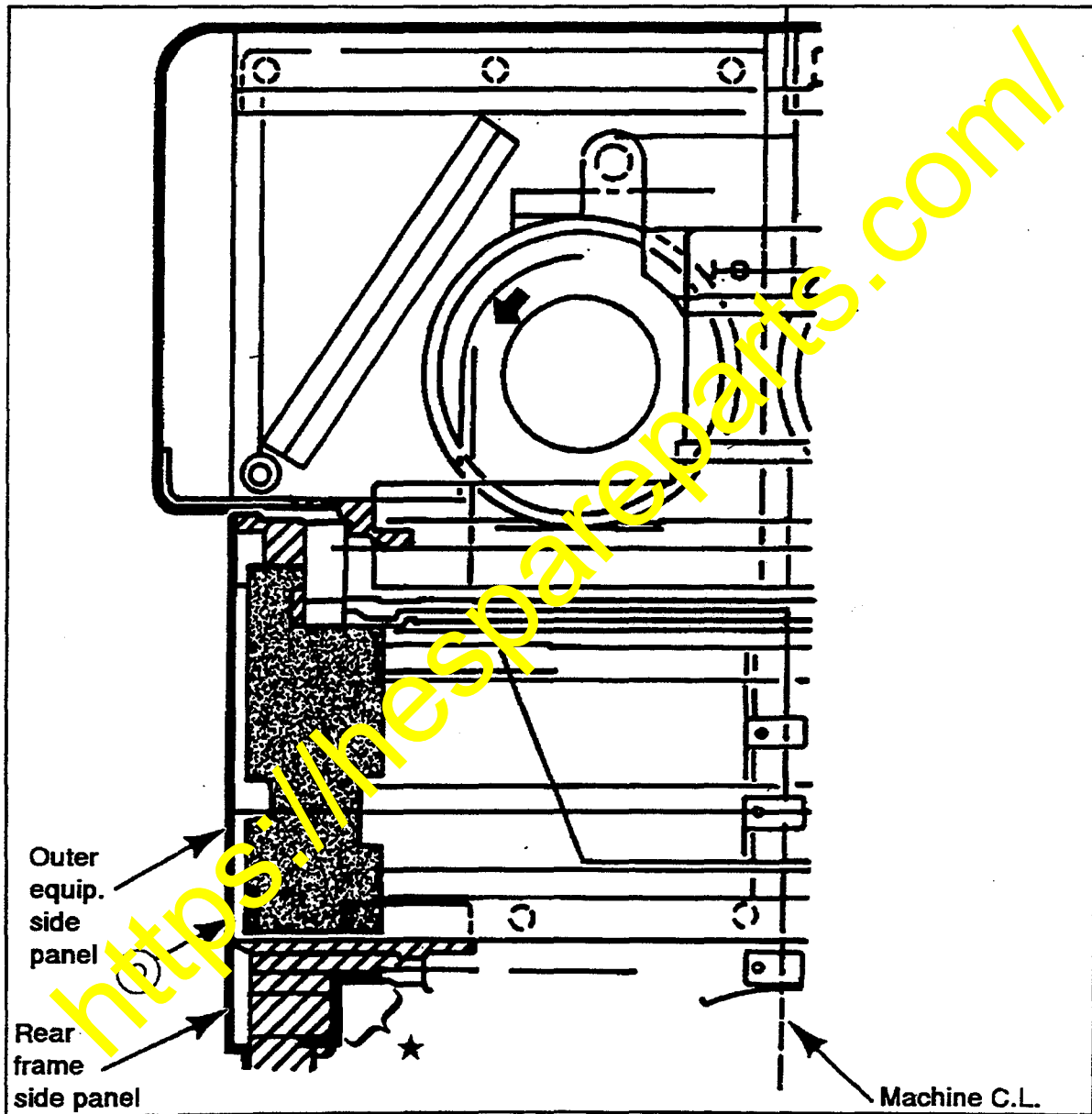


Figure 1 Bulkhead between the transmission housing and the engine room as viewed from the machines rear side.

4. Repair (Improvement) Procedure

- (1) Remove the engine room side panel marked ✕ ).
- (2) Replace the rubber baffle on the plate (428-54-11730) secured to the left side support with a new one. Keep the existing plate 428-54-11830 (it should be reused).

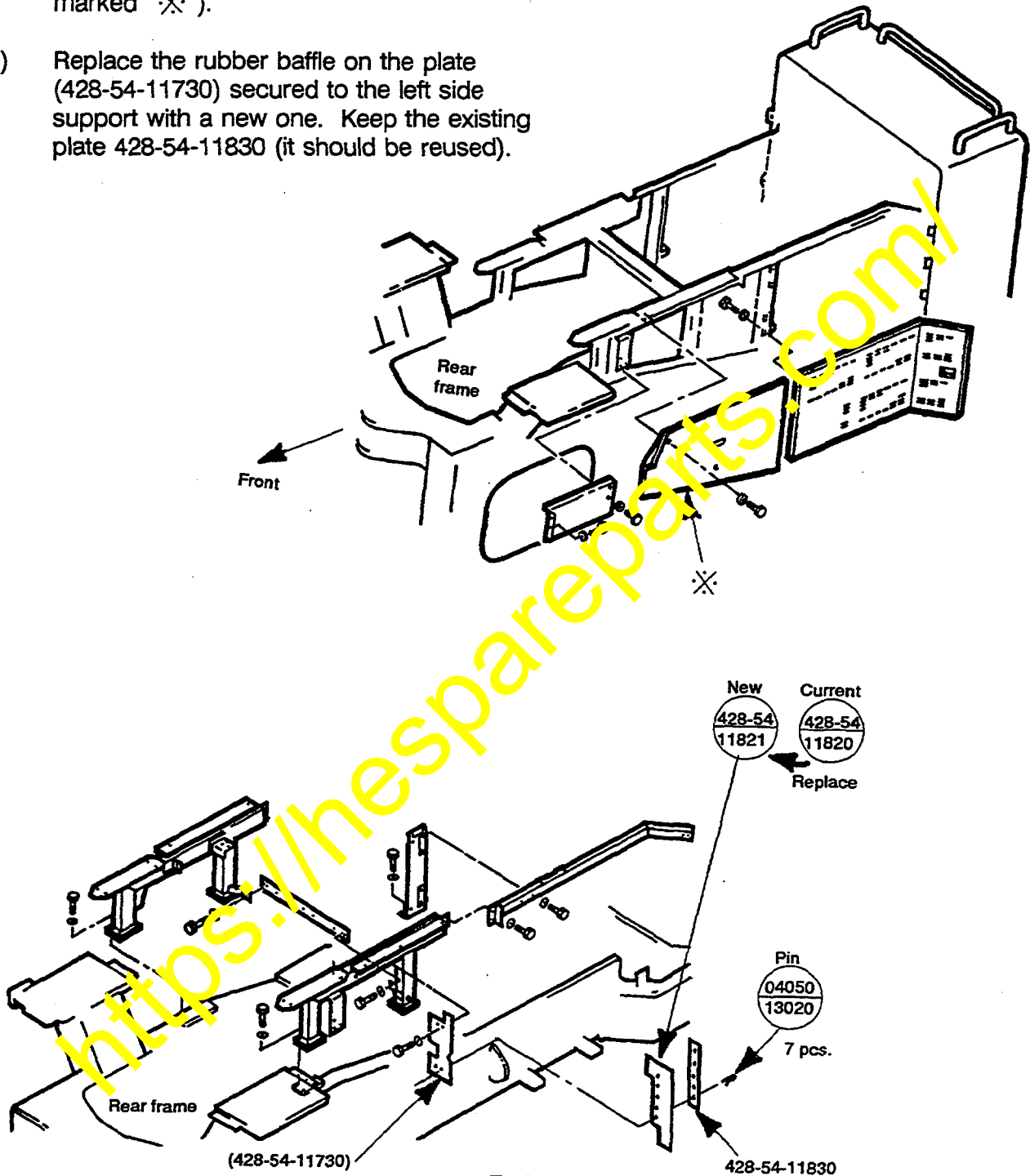
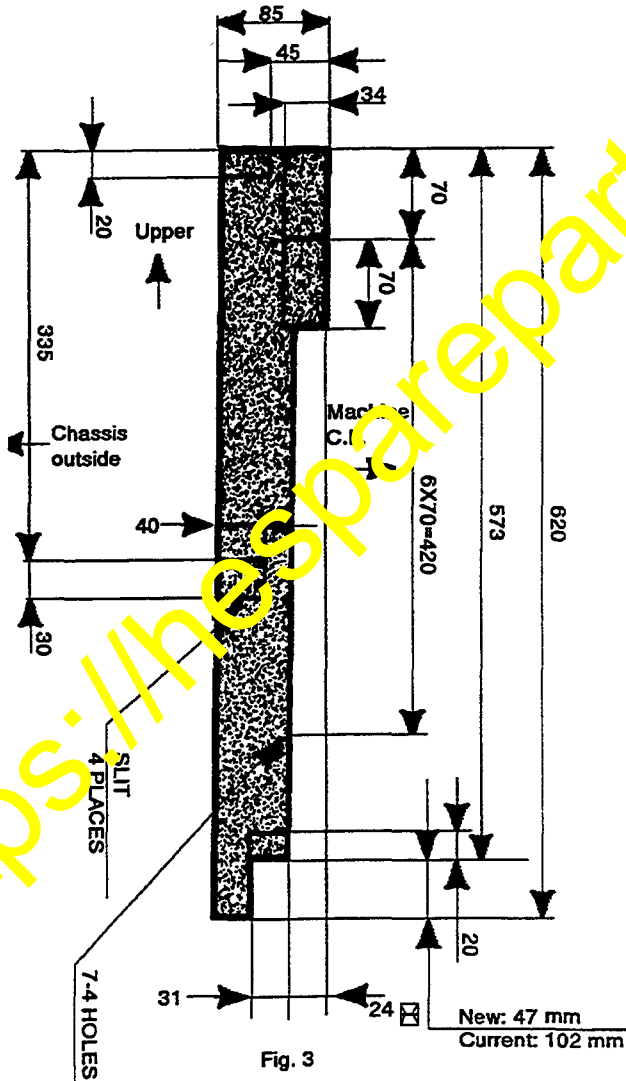


Fig. 2

- Identification of new rubber baffle and its installation to the machine.

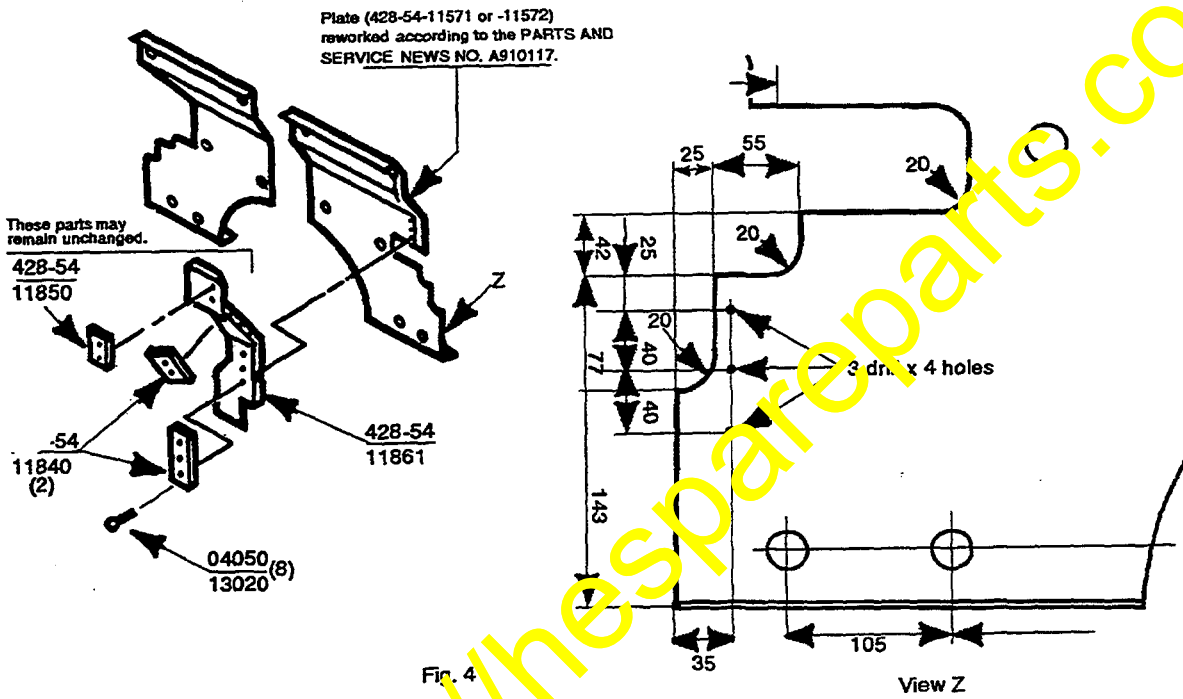
**NEW:** 428-54-11821  
**CURRENT:** 428-54-11820

These baffles are different only in length. Refer to dimensions marked ☒ in Figure 3.

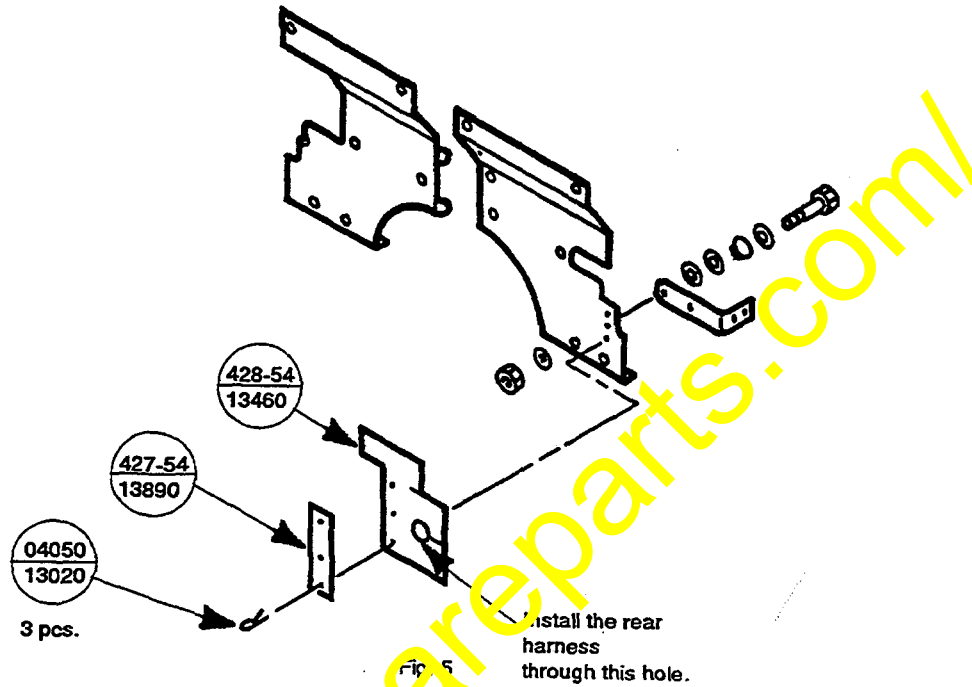


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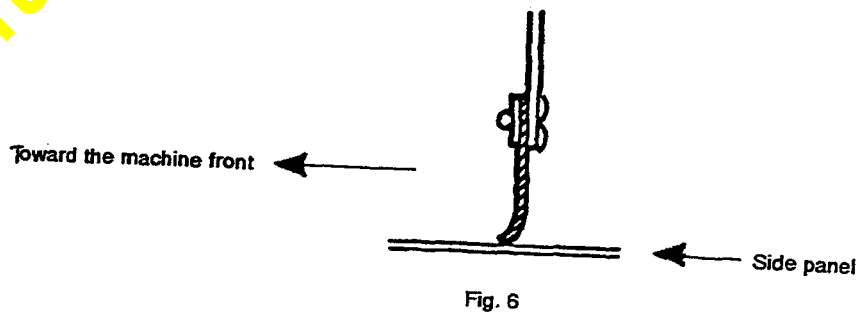
- 3) Drill additional holes into the plate on the machines left lower side as indicated below.



- (4) Attach the rubber baffle (428-54-13460) using the drilled holes provided in (3) above.



- (5) Install the side panel (428-54-11252) on the machine. When installing the panel, the rubber baffle should be forced onto the side panel by bending it toward the machine front.



**NOTE:** On WA700-1 Machines Serial Nos. 10001 thru 10076 (excluding the Serial No. 10065), the rubber baffle (shown in Figure 7) has been installed on the bulkhead according to the Parts & Service News A910117. Check such baffles for complete sealing at the bulkheads.

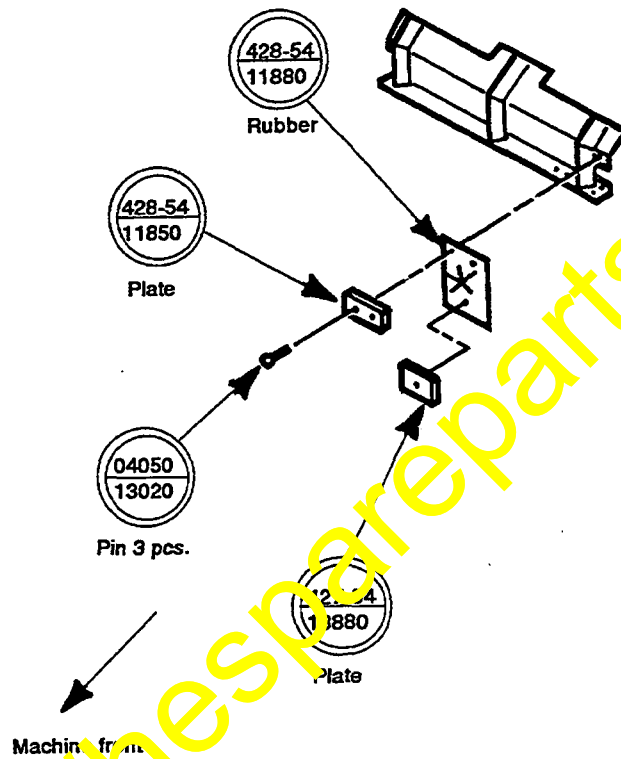


Fig. 7

If clearance exists reposition the baffle to seal properly.

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