

# PARTS & SERVICE NEWS

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**SUBJECT:** MODIFICATION PROCEDURE OF RIGHT PLATFORM CRACK ON HD785, HD985

**PURPOSE:** To introduce repair procedure when the RH platform on dump trucks of models HD785-3, HD785-5, HD985-3 and HD985-5 becomes cracked

**APPLICATION:** HD785-3 Dump Trucks, Serial Nos. 2352 thru 2574  
 HD785-5/LC-5 Dump Trucks, Serial Nos. 4001 thru 4145, A10144 and up  
 HD985-3 Dump Trucks, Serial Nos. 1002 thru 1020  
 HD985-5 Dump Trucks, Serial Nos. 1021 thru 1049

**FAILURE CODE:** 54D3HA

## DESCRIPTION:

### 1. Introduction

This Service News will introduce repair procedure when the stepped section of the R.H. platform on the already shipped dump trucks of models HD785-3, HD785-5, HD985-3 and HD985-5 becomes cracked depending on the operating conditions of the vehicle.

(Weld the additional reinforcement plates.)

(Part number of the subject platform: 561-54-61A11, etc.)

### 2. List of parts

Part No.	Part Name	Q'ty	Remarks
561-54-61A10	Plate	1	
561-54-61A20	Plate	1	
561-54-61A30	Plate	1	
561-54-61A50	Plate	2	
561-54-61A60	Plate	1	
561-54-61A70	Plate	1	

3. Contents of the modification

When the stepped sections (section P or section Q) become cracked on the upper side or on the lower side, repair the cracks following the repair procedure being introduced in this Service News.

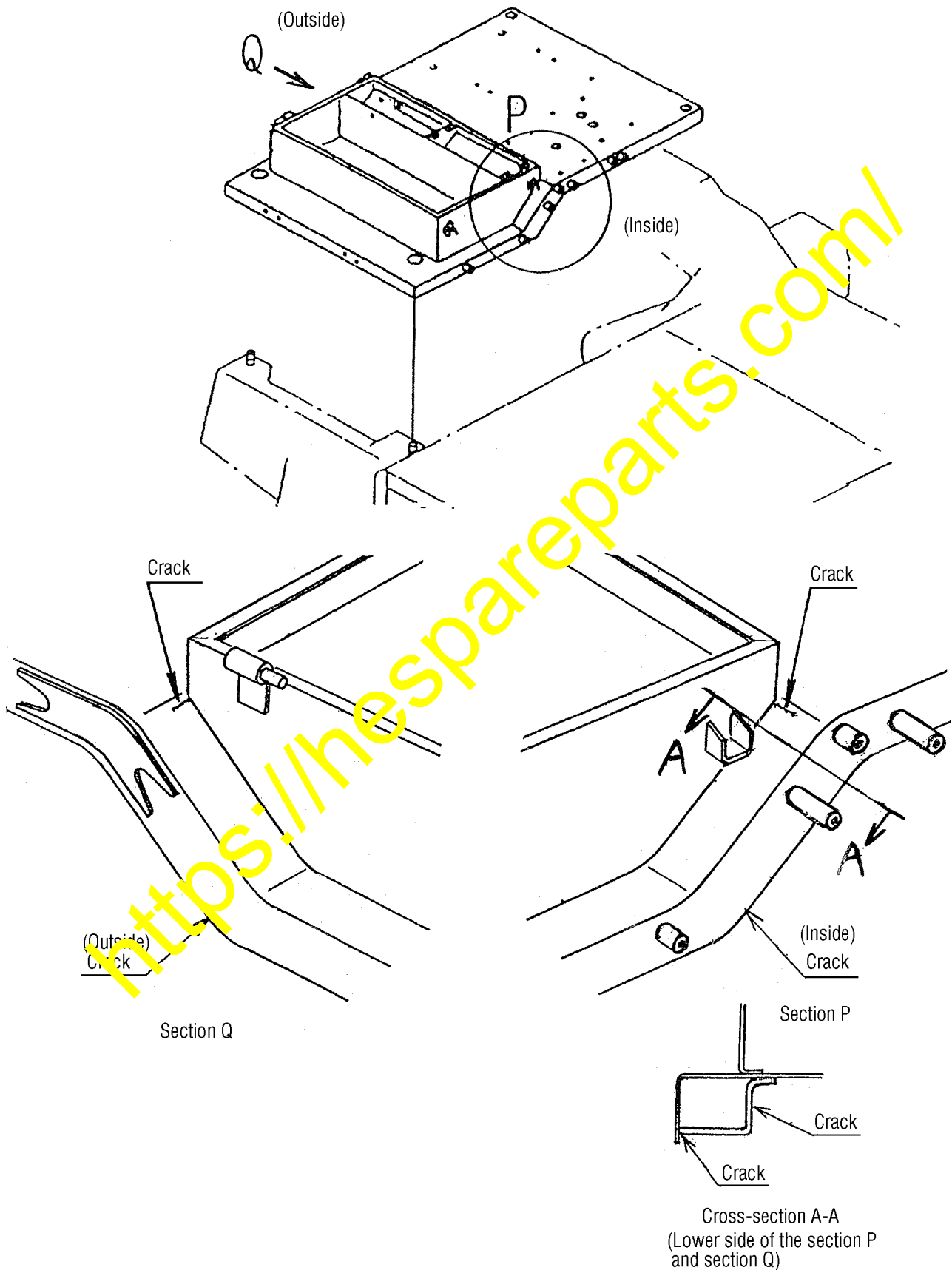
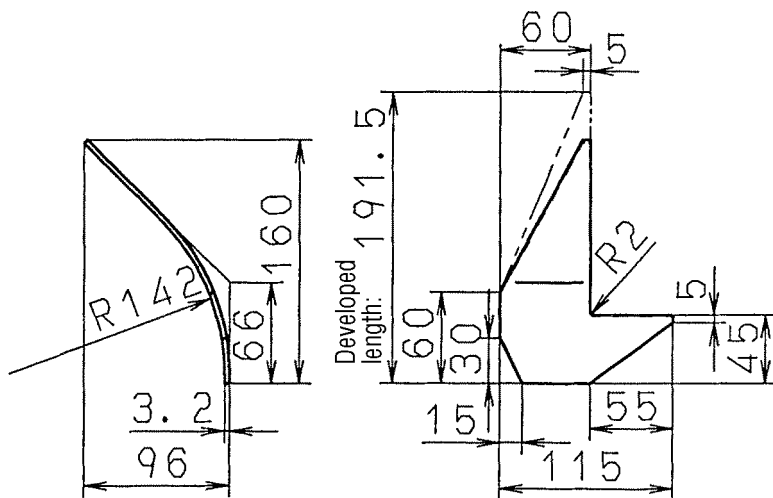


Fig. 1: Positions where the cracks may occur

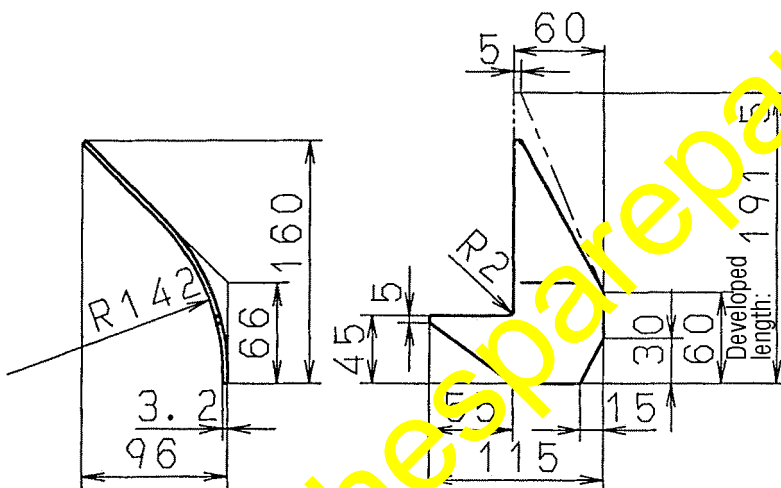
3-1 Preparing the necessary parts.

Prepare the reinforcement plates as per the instructions given in Fig. 2 thru Fig. 7.



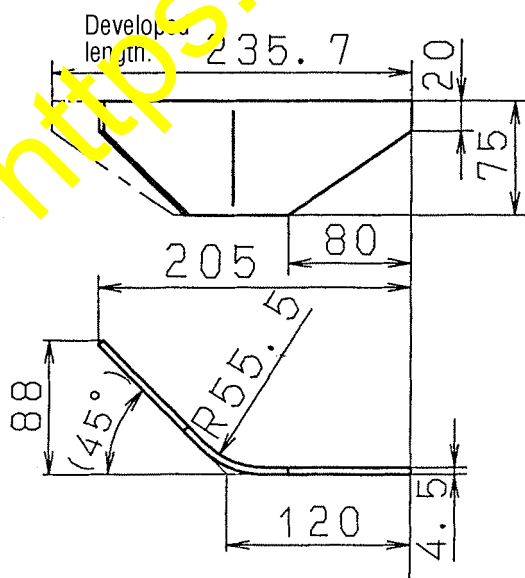
Part No.: 561-54-61A10  
 Material: SS400P  
 Plate thickness: 3.2  
 Preparing quantity: 1 pc./unit

Fig. 2: Reinforcement plate (1)



Part No.: 561-54-61A20  
 Material: SS400P  
 Plate thickness: 3.2  
 Preparing quantity: 1 pc./unit

Fig. 3: Reinforcement plate (2)



Part No.: 561-54-61A30  
 Material: SS400F or SS400P  
 Plate thickness: 4.5  
 Preparing quantity: 1 pc./unit

Fig. 4: Reinforcement plate (3)

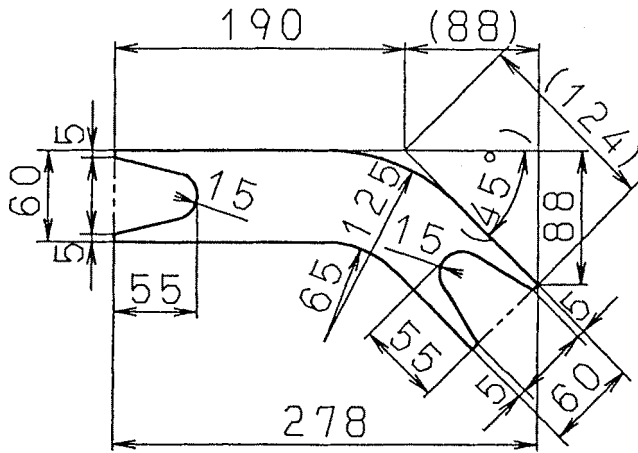


Fig. 5: Reinforcement plate (4)

Part No.: 561-54-61A50  
Material: SS400P  
Plate thickness: 4.5  
Preparing quantity: 2 pcs./unit

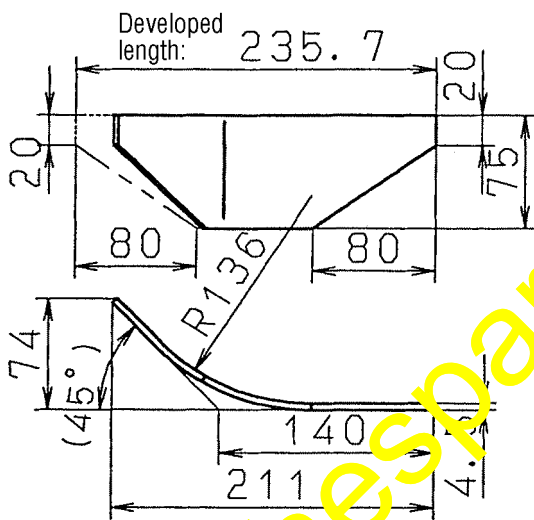


Fig. 6: Reinforcement plate (5)

Part No.: 561-54-61A60  
Material: SS400F  
Plate thickness: 4.5  
Preparing quantity: 1 pc./unit

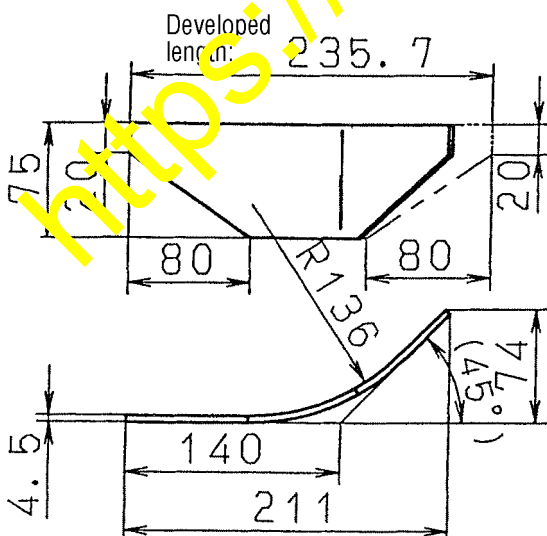


Fig. 7: Reinforcement plate (6)

Part No.: 561-54-61A70  
Material: SS400F  
Plate thickness: 4.5  
Preparing quantity: 1 pc./unit

- 3-2. Preparations before starting the modification work  
Remove the cooling water reservoir tank and harnesses being arranged in the neighborhood of the welding section to keep them away so that they do not hinder the welding work.
- 3-3. Weld the reinforcement plates as per the instructions given in Fig. 8 and Fig. 9.  
After finishing the welding work, remove slags from the weld beads and apply paint.
- 3-4. Restore the removed cooling water reservoir tank and the harnesses back to their original positions.

<https://hespareparts.com/>

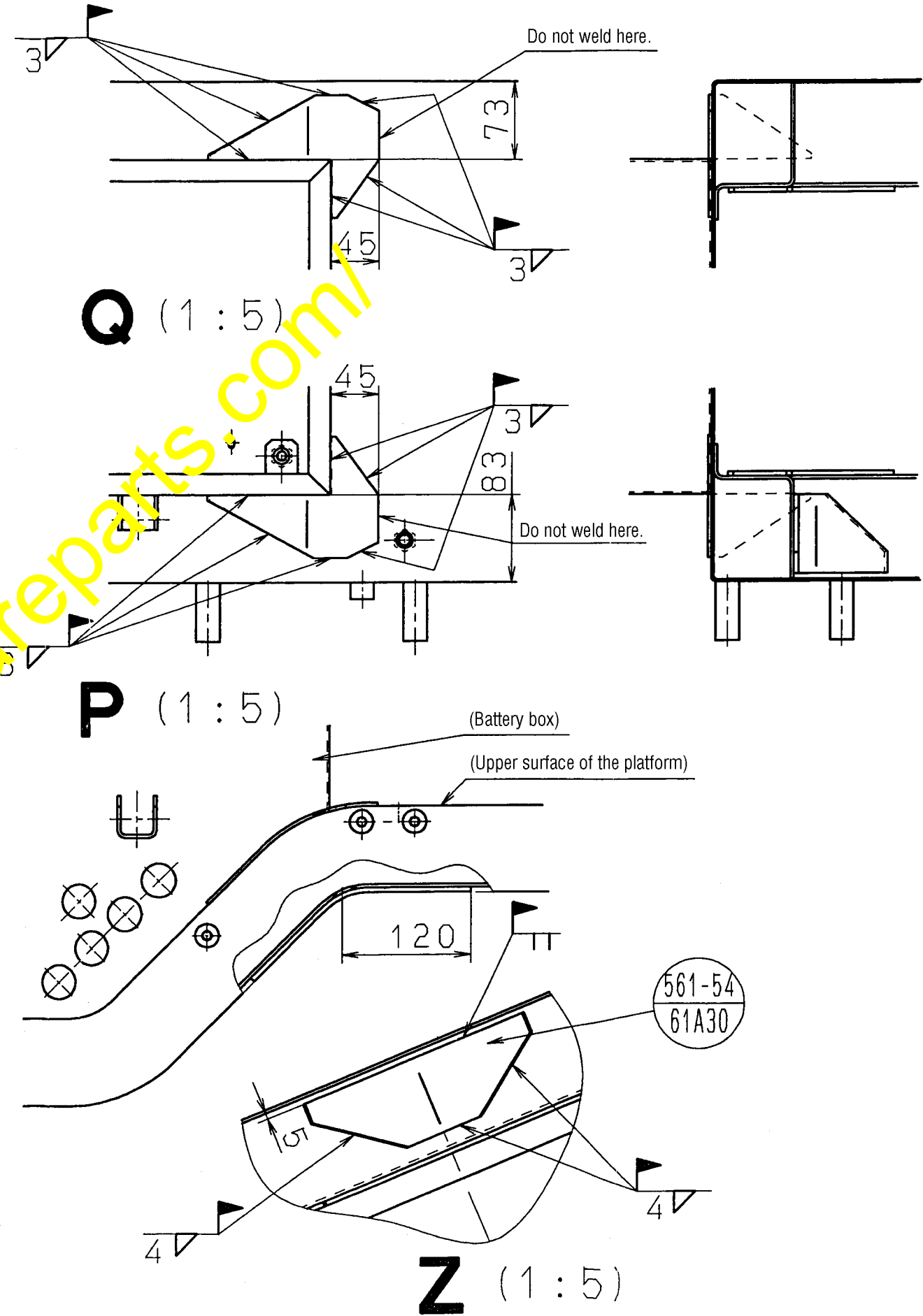
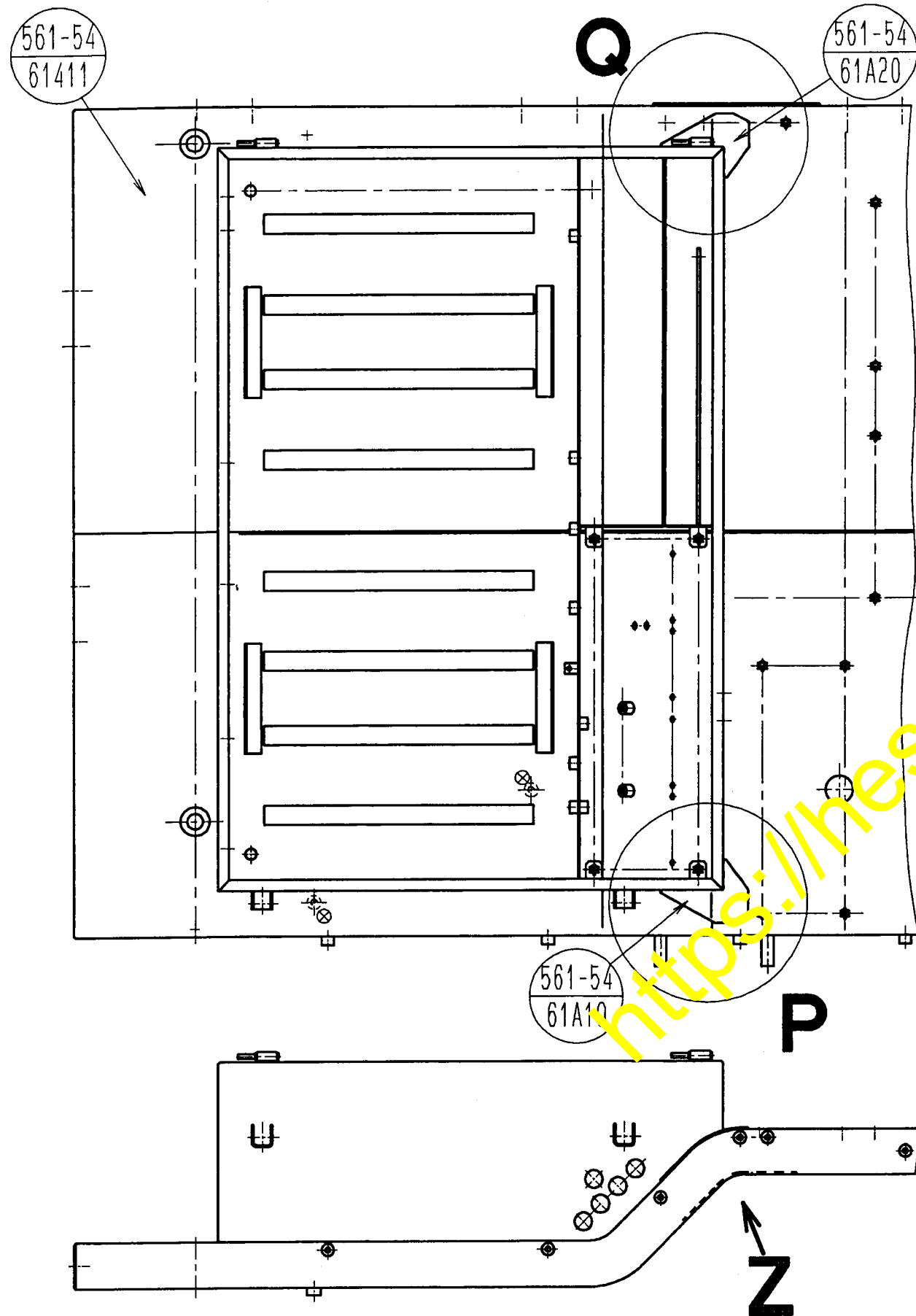


Fig. 8: Welding the reinforcement plates (1), (2) and (3)

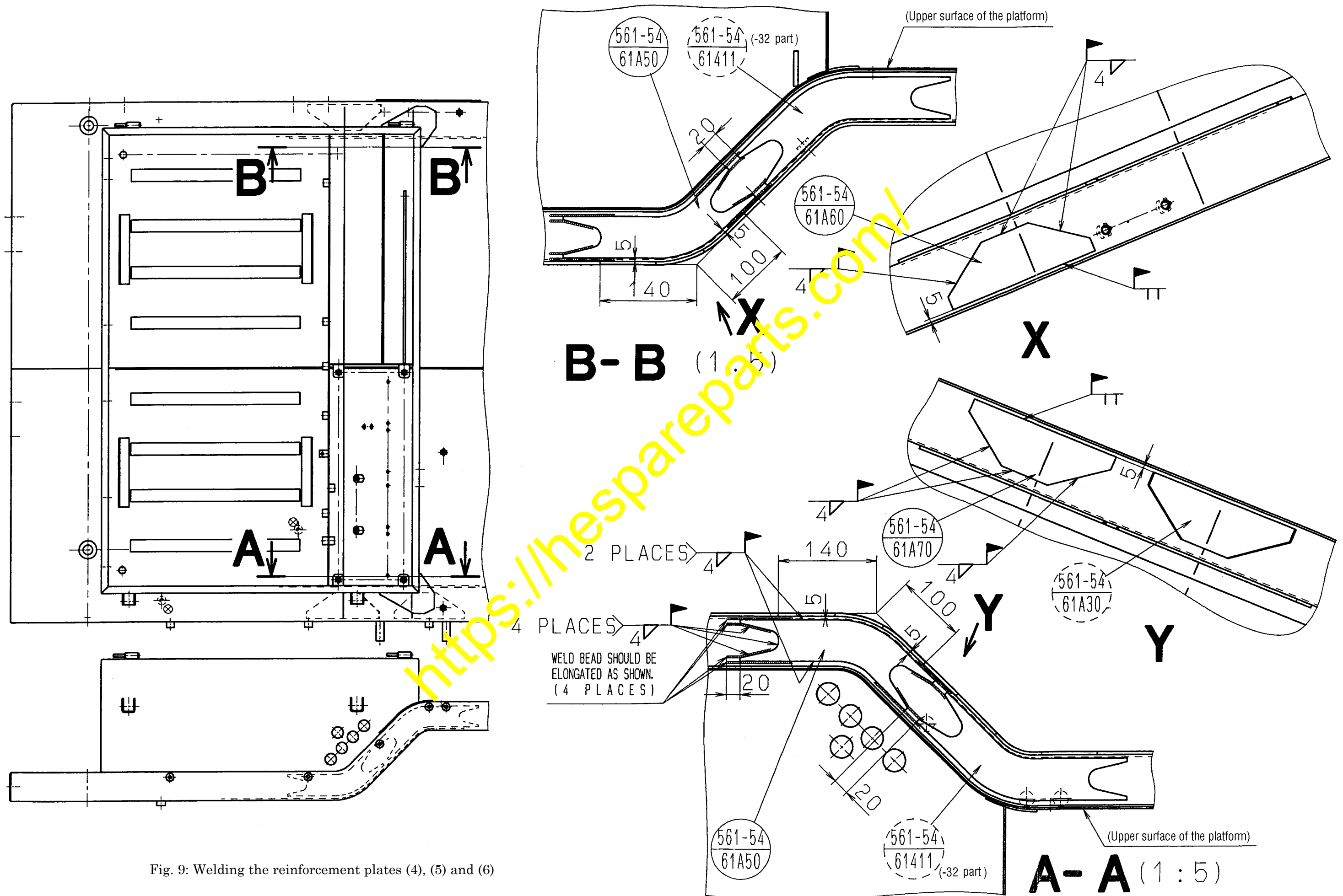


Fig. 9: Welding the reinforcement plates (4), (5) and (6)