

CS TRUCKS Garbage Compactor Kit

Installation Manual



NOTE: Please read this document before install the compactor body

Garbage Compactor Superstructure Spare Parts List

NO.	Item	Name	Coad	Quantity	Comments	
1	Compactor body	Tank Assembly	YS14-0100000	1 set		
2		Tail Gate Assembly	YS14-0200000	1 set		
3		Scraper Assembly	YS14-0300000	1 set		
4		Slide Plate Assembly	YS14-0400000	1 set		
5	Spare Parts	Five Function Multi-way Valve		1 set	Installed	
6		Hydraulic Oil Tank	160L	1 unit	Installed	
7		PLC Control Box		1 set	Installed	
8		Electric System		1 set	Installed	
9		Balance Valve	5060BF2	2 units	Installed	
10		Hosepipe, oil pipe & Joint		1 set	Installed	
11		Slide Plate Oil Cylinder	YS14T50/90	2 units	Installed	
12		Scraper Oil Cylinder	YS14T 50/80	2 units	Installed	
13		Lifting Oil Cylinder	YS14T 50/80-840	2 units	Installed	
14		Push Pate Oil Cylinder	55/125-1220x2600	1 unit	Installed	
15		Sliding Block	Nylon	1 set	Installed	
16		Hose Protector		1 set	Installed	
17		Ball Valve	1' 1/4	1 unit	Installed	
18		Stainless Steel Cover	DN50	1 unit	Installed	
19		Side lamps		1 set	Installed	
20		Others	Cushion		2 units	
21			U-style Bolt		8 units	
22			Side Fence Assembly		2 sets	
23			Waste Water Tank Assembly (With Support)		1 unit	
24	Standard Part			1 set		
25	LED Light			2 sets		
26		CAN System box in cabin		1 set	Control type: Electrically (AUTO) + Manual	
27		CAN System panel outside		1 set		
28		Emergency stop button				
29		Painting			Customized Blue painting	

Number 1-4 Compactor body

1. Tank Assembly:



2. Tail Gate Assembly

Tail Gate Assembly



3. Scraper Assembly

Scraper Assembly



4. Slide Plate Assembly

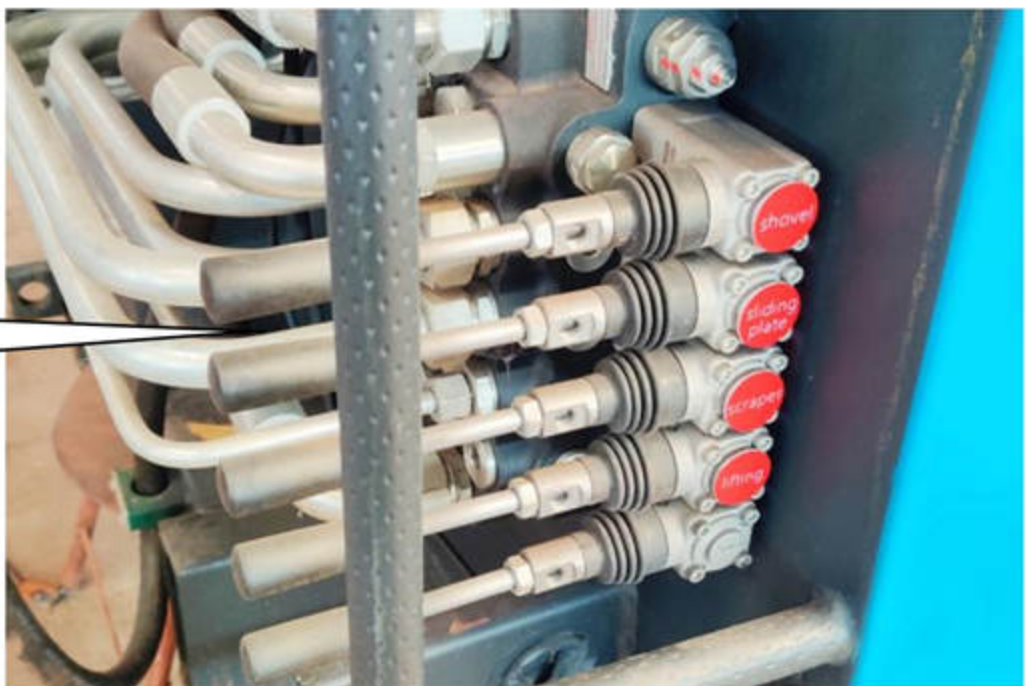
Slide Plate Assembly

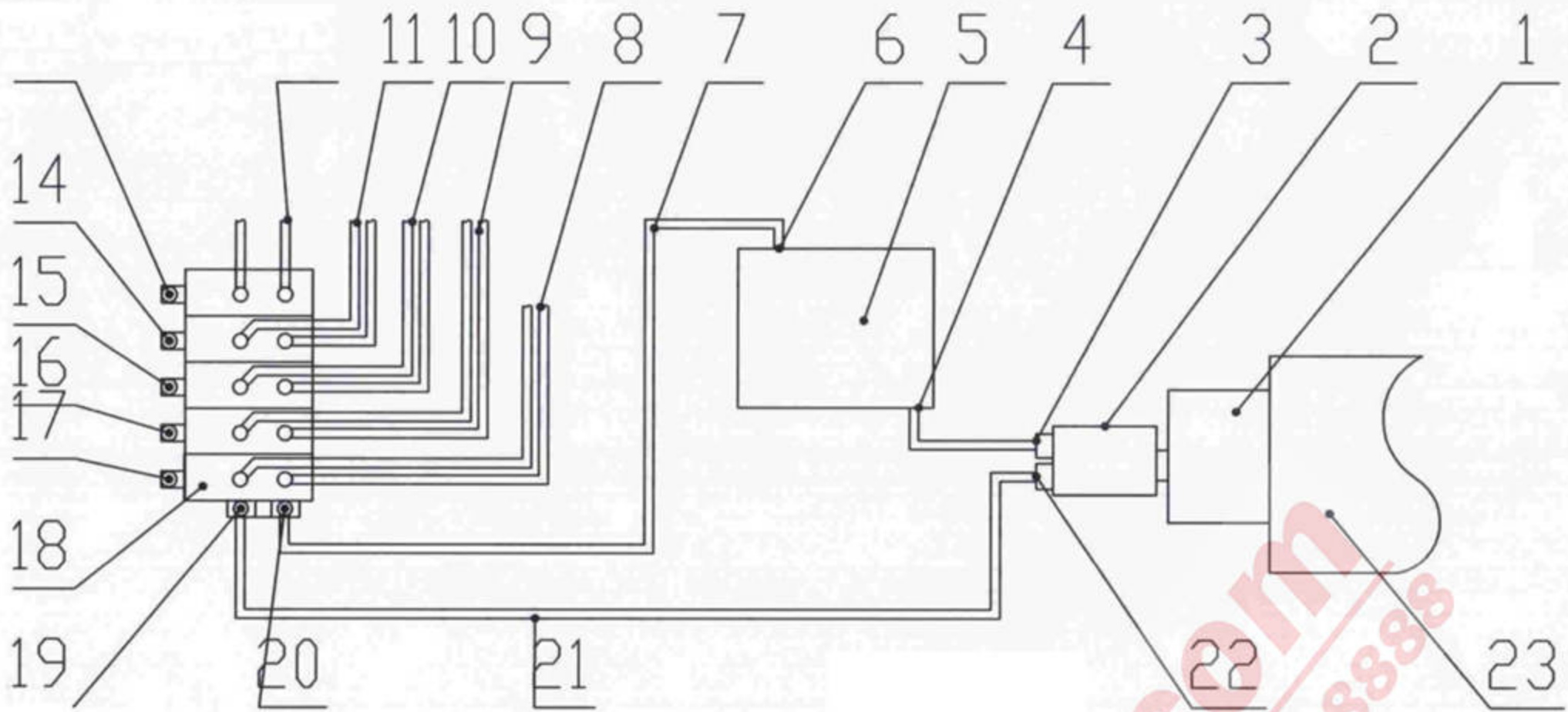


Number 5-19 Spare Parts

5. Four Function Multi-Way Valve

Hydraulic Multi-Way Control Valve





- | | | | | |
|--------------------------------------|-----------------------------|--------------------------|------------------------------------|---------------------|
| 1、 PTO | 8、 Push Plate Oil Cylinder | 14、 Joystick for Item 11 | 18、 Multi-way Valve | 23、 Chassis Gearbox |
| 2、 Oil Pump | 9、 Slide Plate Oil Cylinder | 15、 Joystick for Item 10 | 19、 Oil Inlet for Multi-way Valve | |
| 3、 Inlet Pipe for Oil Pump | 10、 Scraper Oil Cylinder | 16、 Joystick for Item 9 | 20、 Oil Outlet for Multi-way Valve | |
| 4、 Outlet pipe for Oil Tank | 11、 Tail Gate Oil Cylinder | 17、 Joystick for Item 8 | 21、 Oil Pipeline | |
| 5、 Hydraulic Oil Tank | | | 22、 Oil Outlet for Oil Pump | |
| 6、 Inlet Pipe for Hydraulic Oil Tank | | | | |
| 7、 Oil Pipeline | | | | |

(Hydraulic System Drawing)

6. Hydraulic Oil Tank



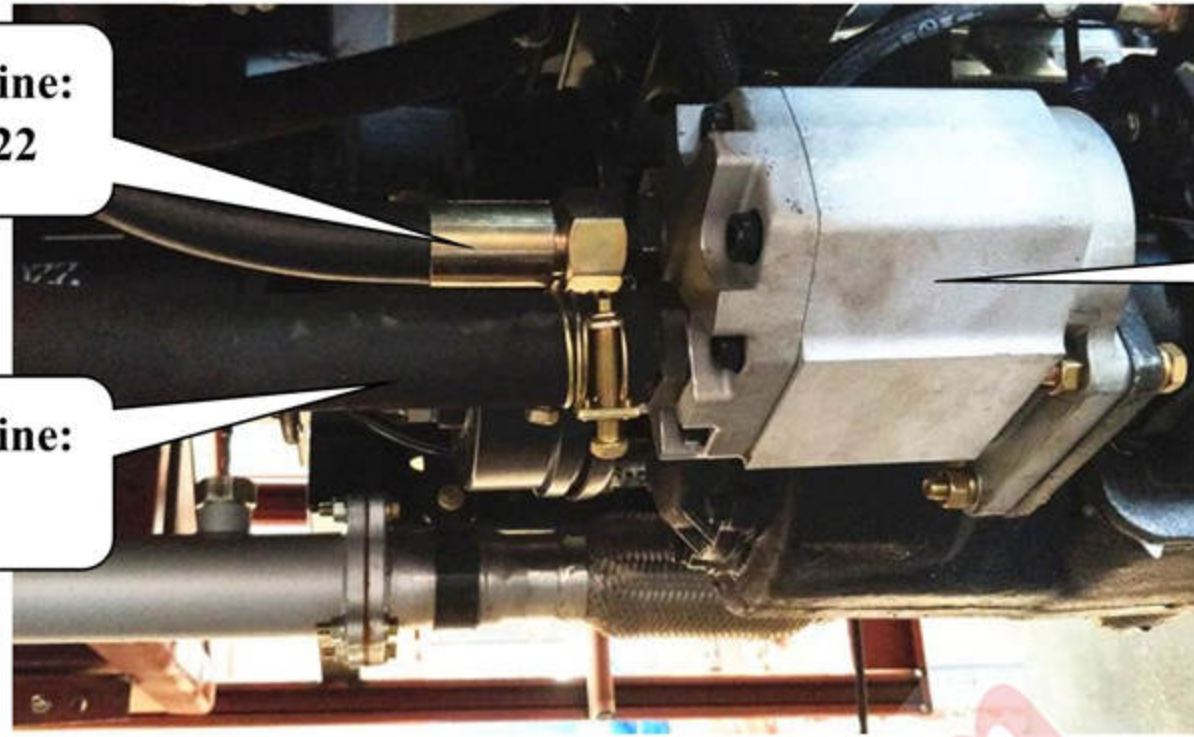
Hydraulic Oil Tank

This Pipeline Connect with Oil Pump-----Inlet pipe for Oil Pump

**Multi-way Valve Pipeline:
Outlet pipe for Oil Pump 22**

Oil Pump

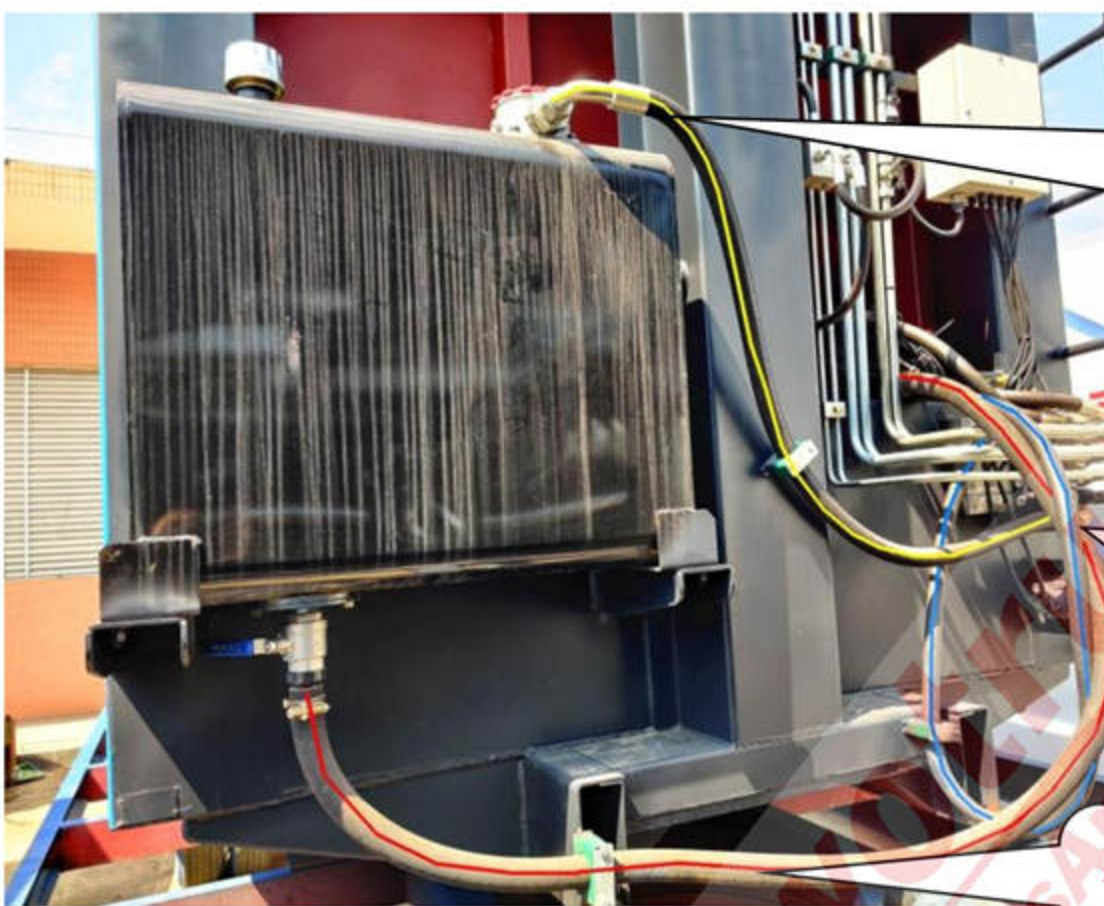
**Hydraulic Oil Tank Pipeline:
Inlet pipe for Oil Pump 3**



**Yellow Line:
Outlet pipe for Multi-Way Valve 20
Inlet pipe for Hydraulic Oil Tank 6**

**Blue Line:
Outlet pipe for Oil Pump 22
Inlet pipe for Multi-Way Valve 19**

**Red Line:
Outlet pipe for Hydraulic Oil Tank 4
Inlet pipe for Oil Pump 3**

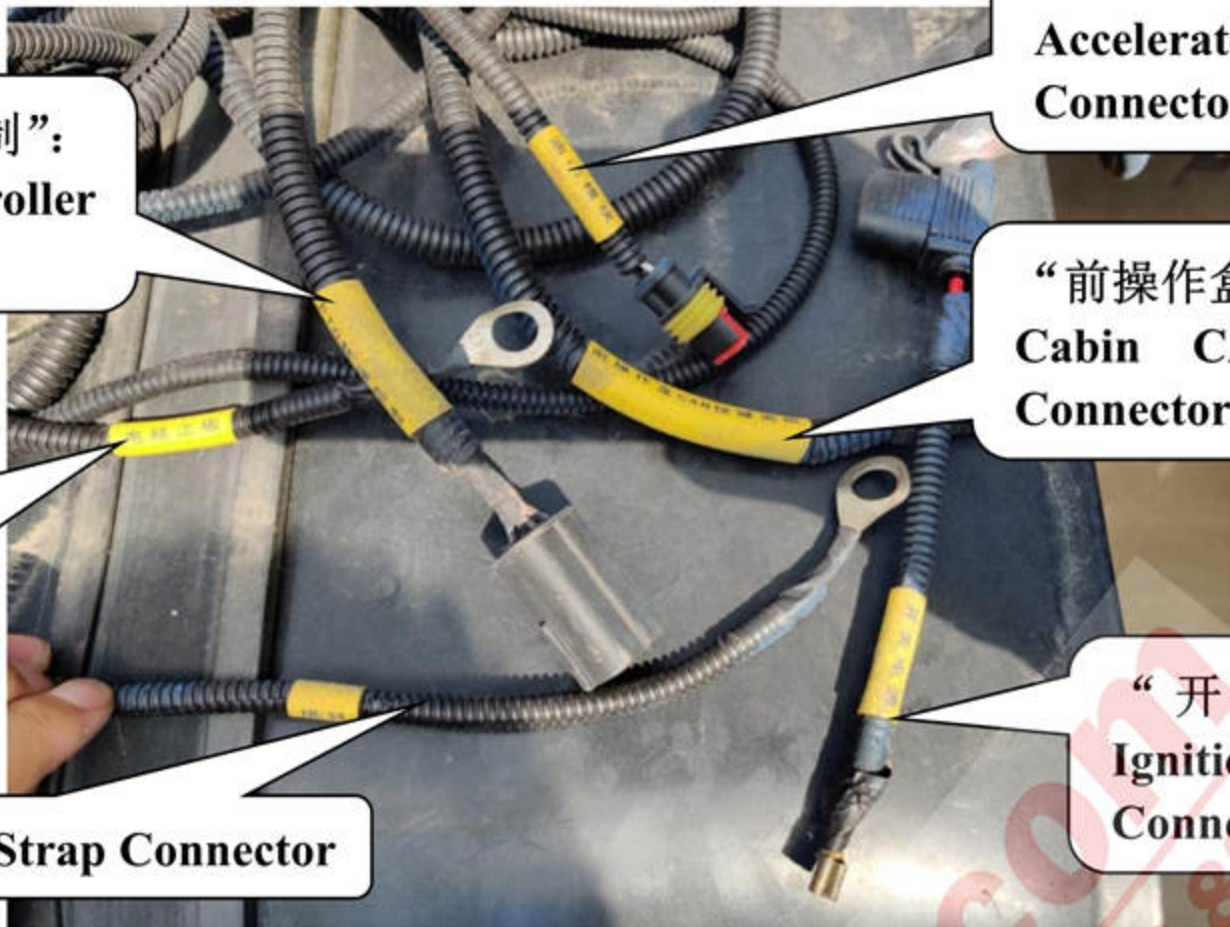


7. PLC Control Box

**PLC Control Box
(Service for CAN
electric control
box)**



8. Electric System



“PTO 转速控制”:
PTO Controller Connector

“油门模块”:
Accelerator Controller Connector

“前操作盒 CAN 按键面板”:
Cabin CAN control box Connector

“电瓶正极”:
Battery Positive Connector

“开关电源”:
Ignition Controller Connector

“搭铁”:
Bond Strap Connector



“前操作盒 CAN 按键面板”:
Cabin CAN control box Connector

“PTO 转速控制”:
PTO Controller Connector
Depend on Chassis

“油门模块”:
Accelerator Controller Connector
Depend on Chassis

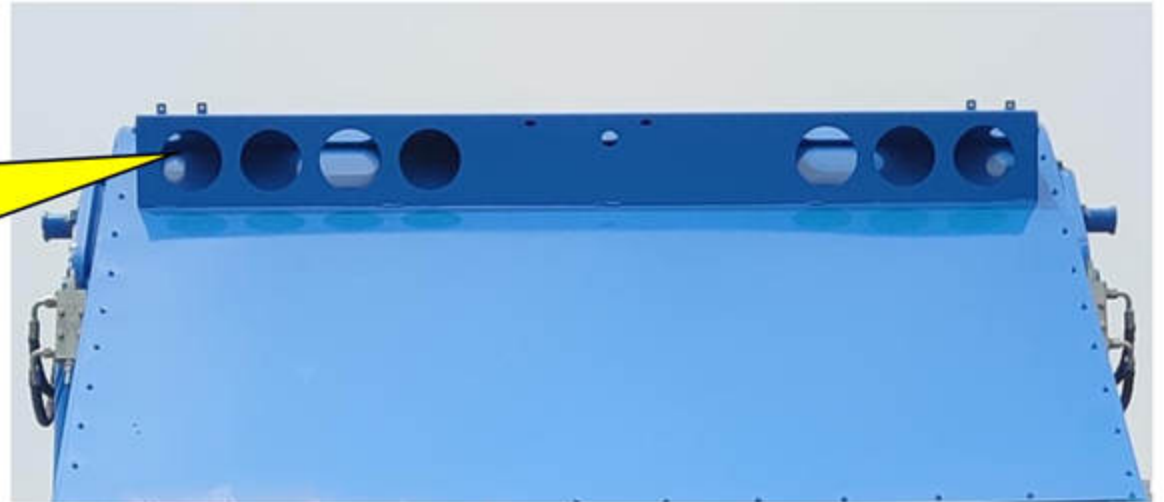
“开关电源”:
Ignition Controller Connector
Connect on Steering Wheel

“电瓶正极”:
Battery Positive Connector
Connect with Positive of chassis battery

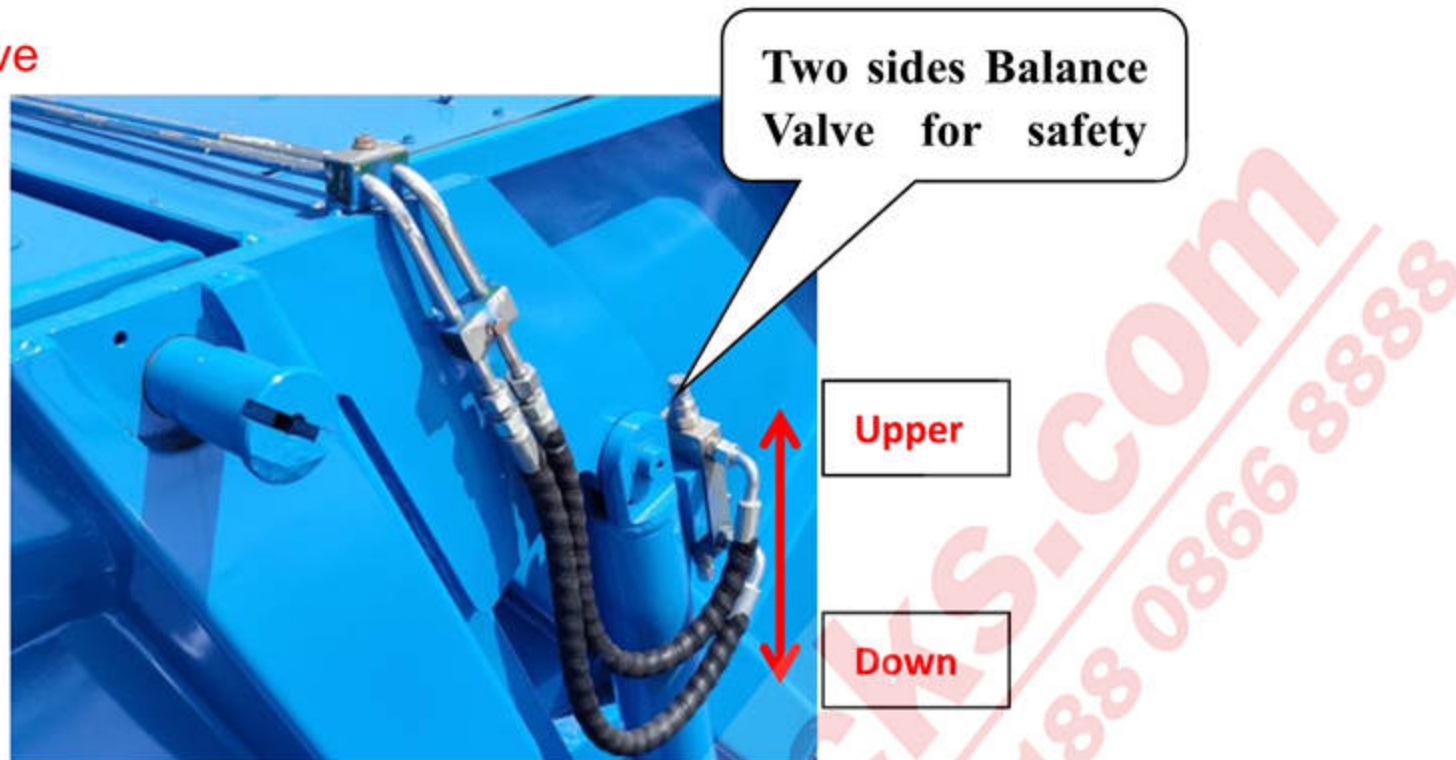


“搭铁”:
Bond Strap Connector
Connect on chassis frame

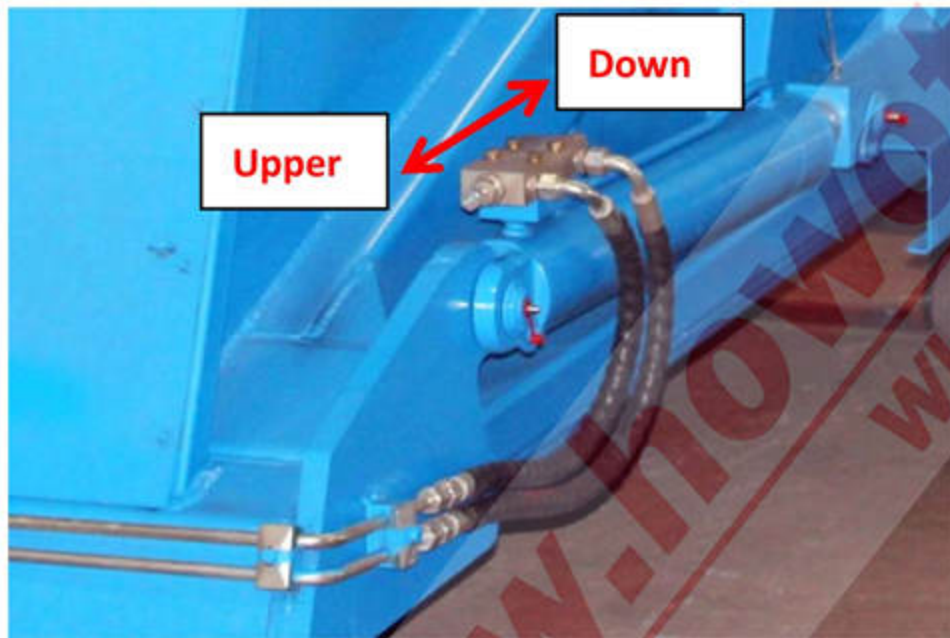
The side light system has been well installed; please install and connect the Tail Light to work



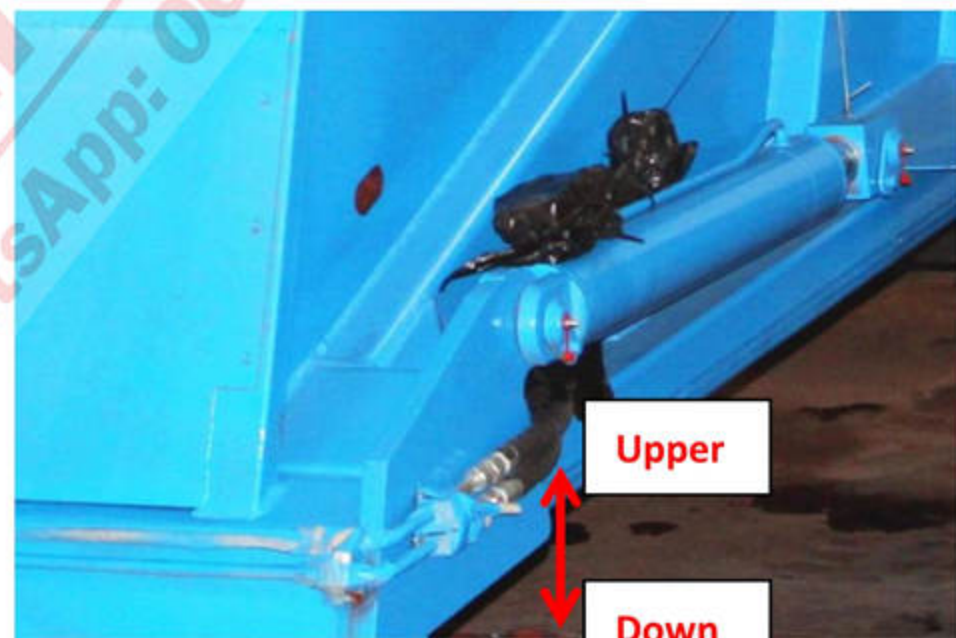
9. Balance Valve



Make sure two sides Hydraulic Pipeline connect firstly



Well Installed model



Ready for Connection model

For LEFT SIDE & RIGHT SIDE:

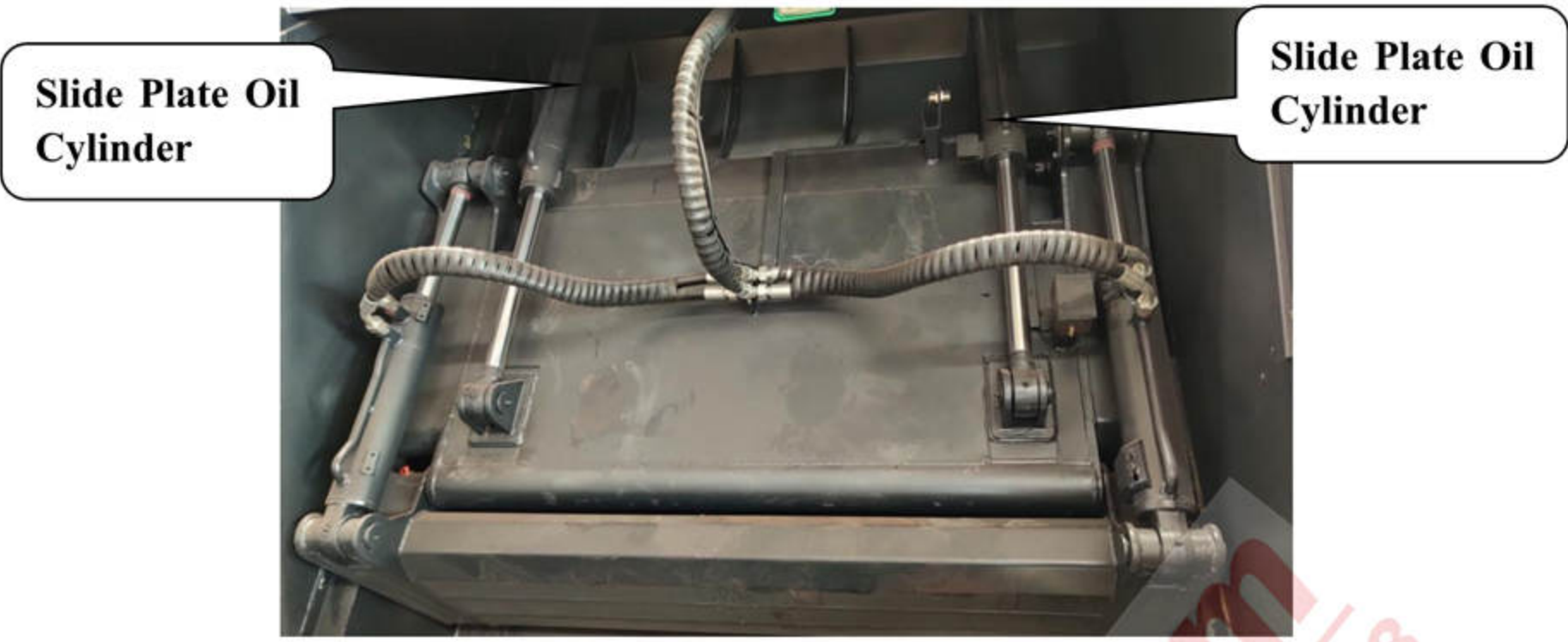
The Upper hydraulic pipeline connect with Upper valve

The Down hydraulic pipeline connect with Down valve

Make sure the hydraulic pipeline well connected before next work.

10. Hosepipe, oil pipe & Joint

11. Slide Plate Oil Cylinder



12. Scraper Oil Cylinder



13. Lifting Oil Cylinder



14. Push Plate Oil Cylinder

Push Plate Oil Cylinder



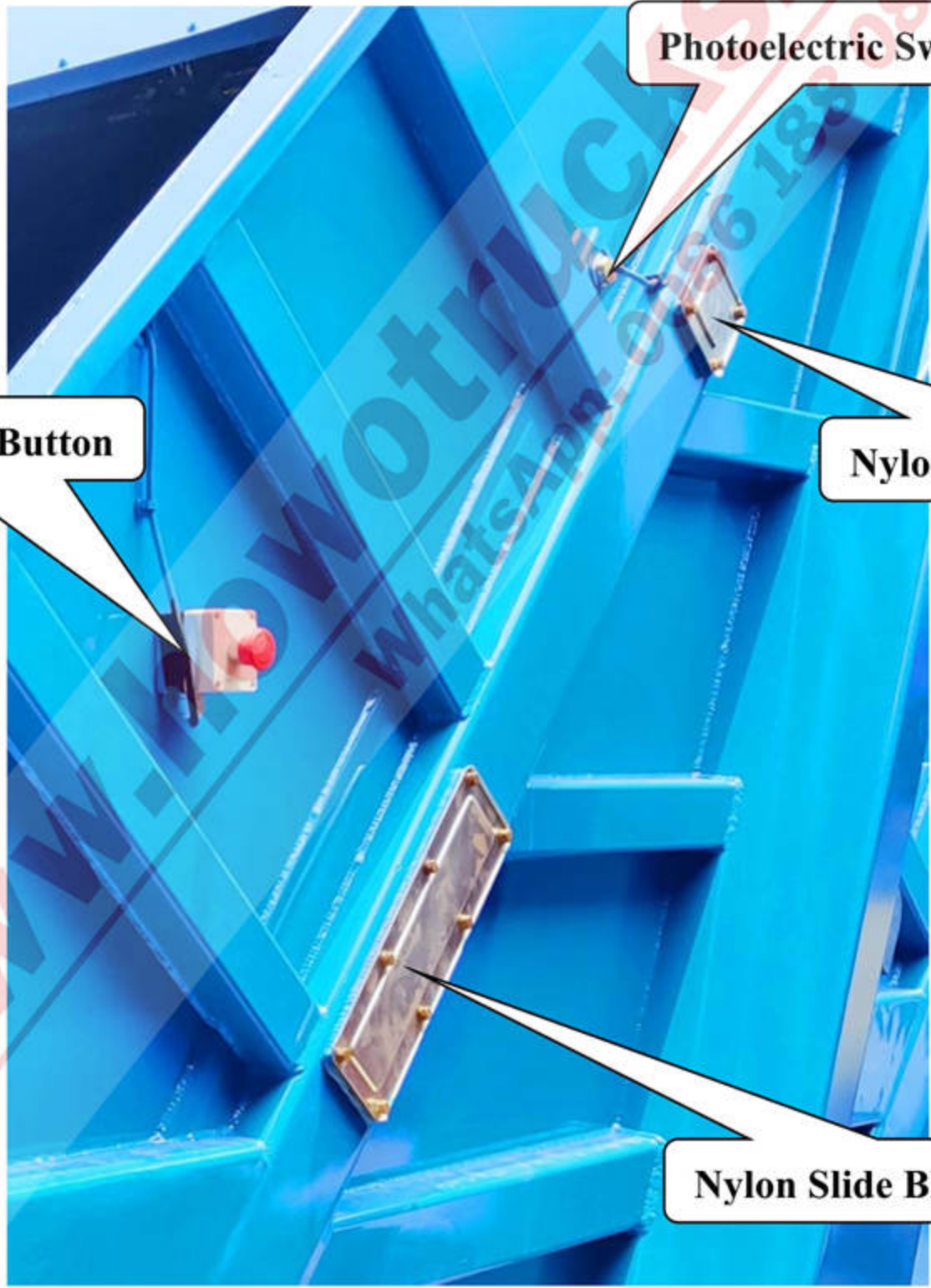
15. Sliding Block

Emergency Stop Button

Photoelectric Switch

Nylon Slide Block (Upper)

Nylon Slide Block (Down)

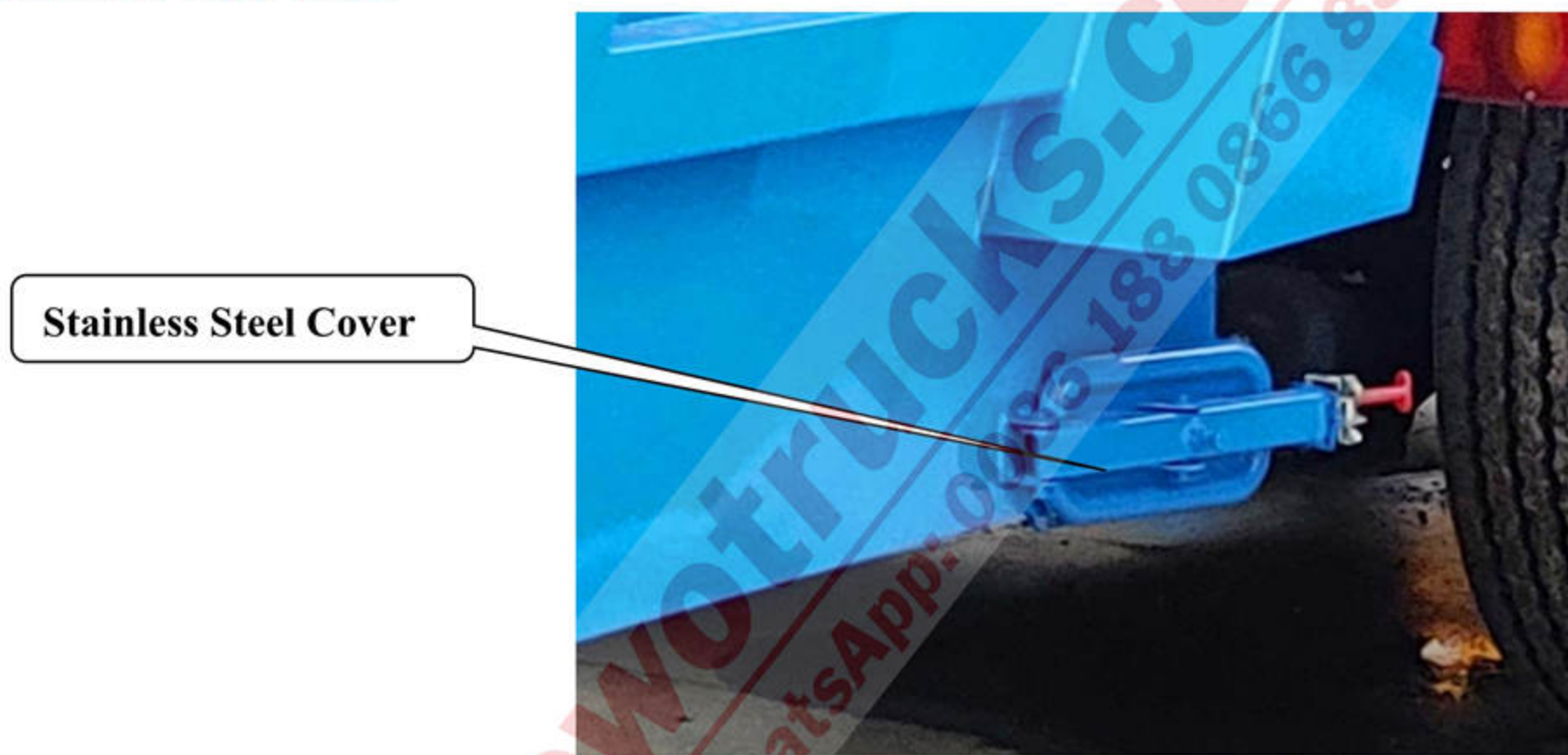


16. Hose Protector

17. Ball Valve (Waste Water Tanker outlet control valve)



18. Stainless Steel Cover

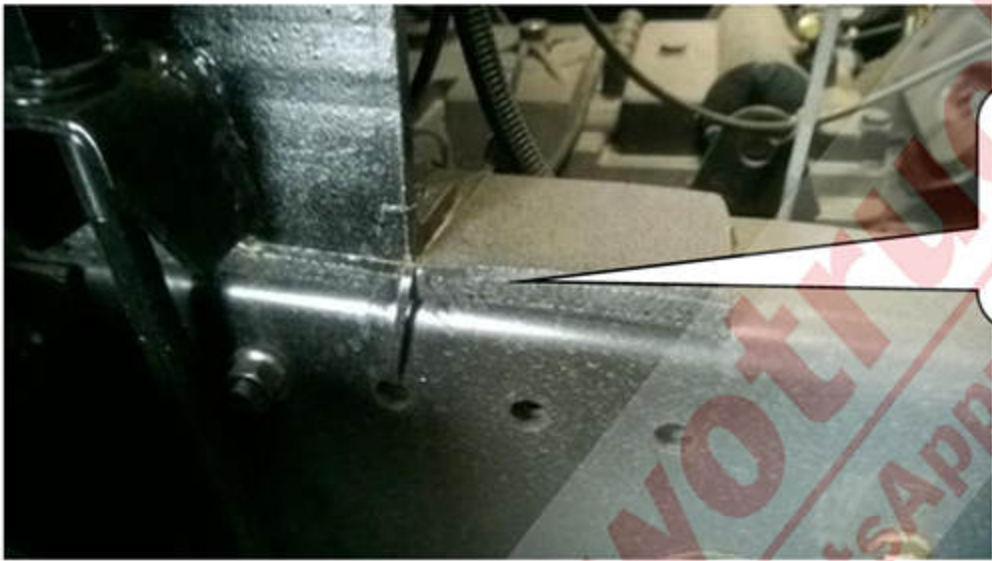


19. Side lamps



20. Cushion

Cushion



Cushion installed in this place
(Between the Auxiliary Frame
& Chassis Frame)

21. U-style Bolt

22. Side Fence Assembly

23. Waste Water Tank Assembly (With Support)



Waste Water Tank Assembly
should be installed this
position, Left & Right both ok

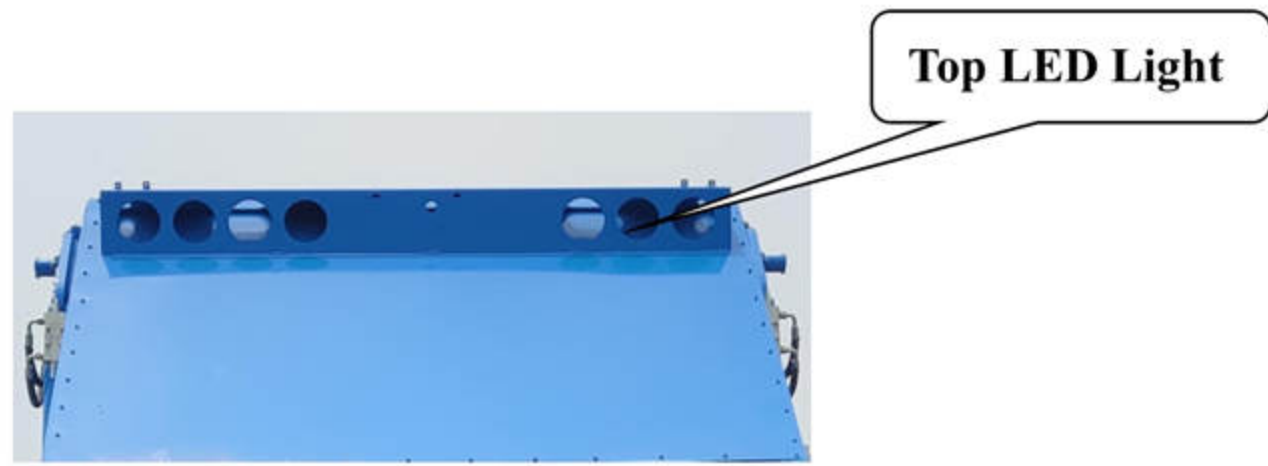


Side Fence Assembly

Waste Water Tank Assembly
well installed should be
installed like this

24. Standard Part

25. LED Light



26. CAN system box in Cabin (Suggest driver side upper Console)



27. CAN system panel outside (Already installed two sides of the tailgate)



28. Emergency stop button

29. Painting (Whole Sky Blue painting as required.)

Read the following guidance to install the Rear Loader Body:

Steps 1:

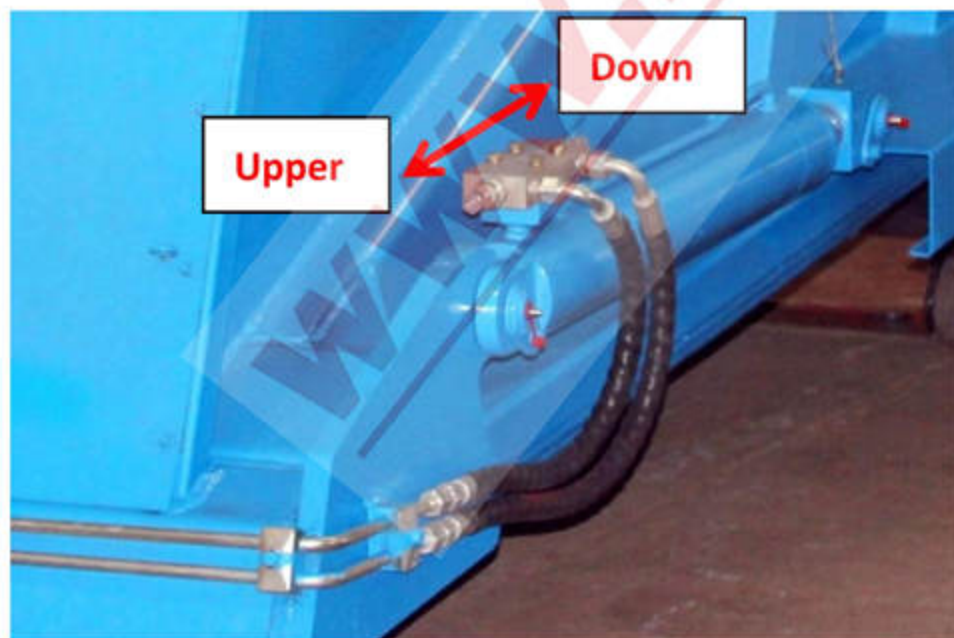
Dragging out the garbage compactor body and tailgate by forklift; then cut the support wheels, each one have two wheels.



Cut off the support wheel for Compactor Body and Tailgate, and ready for installation

Steps 2:

1. Make sure two sides Hydraulic Pipeline connect firstly



Well Installed model



Ready for Connection model

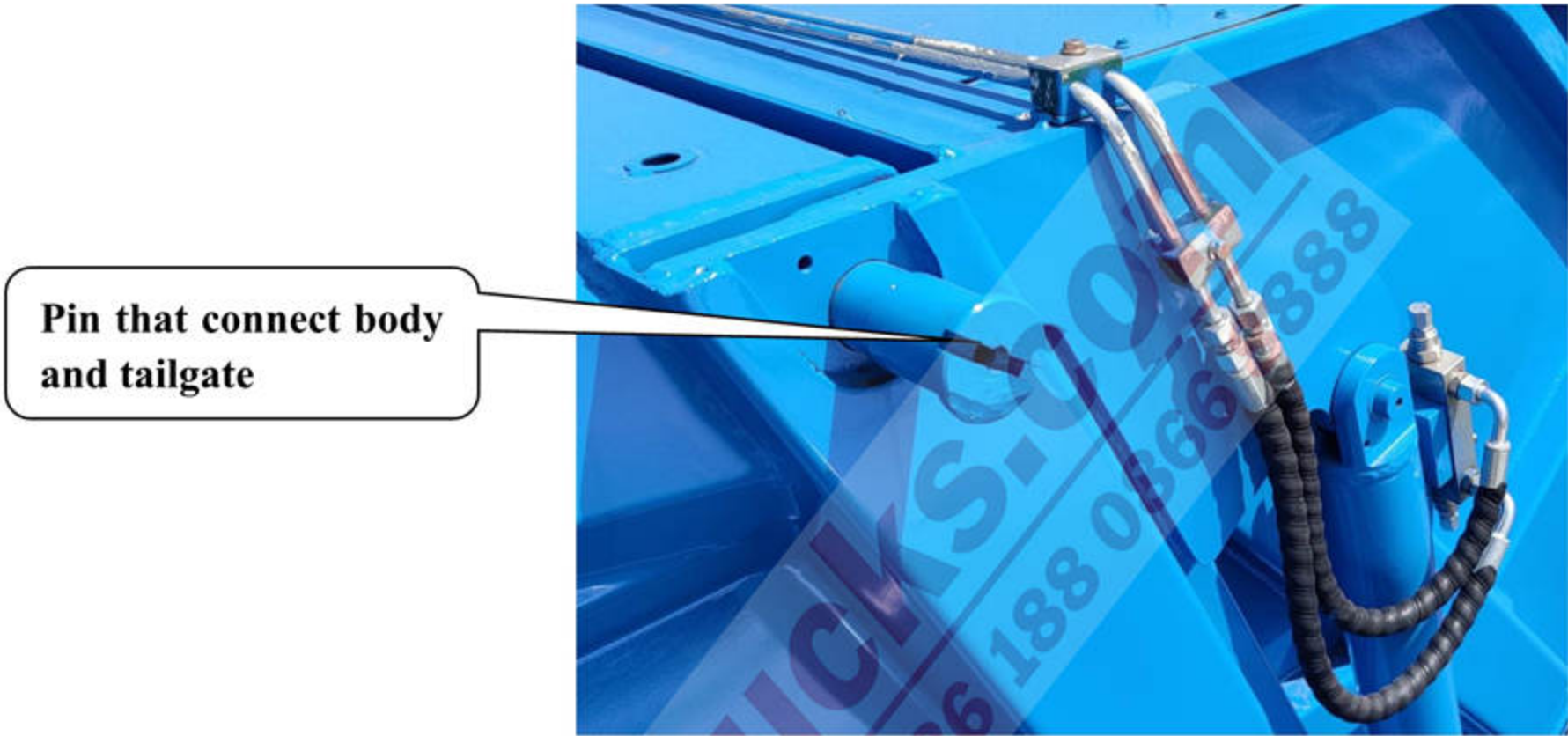
For LEFT SIDE & RIGHT SIDE:

The Upper hydraulic pipeline connect with Upper valve

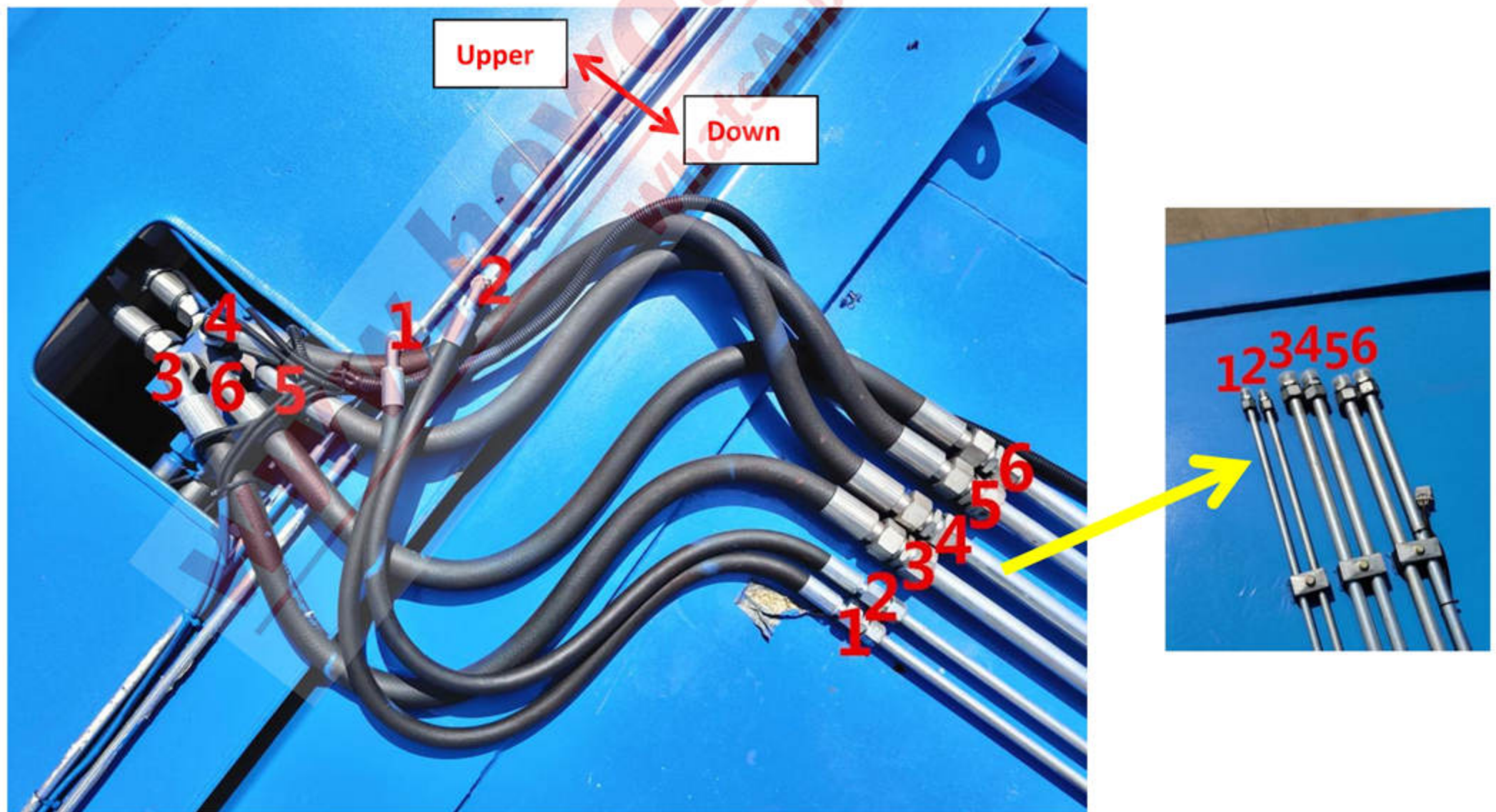
The Down hydraulic pipeline connect with Down valve

2. Make sure the Compactor Body and Tailgate connect secondly

Firstly: Connect the Compactor Body and Tailgate with Pin



Second: Connect the hydraulic pipelines on top; just to make Tailgate can work



Oil Pipeline 1 & 2: Tailgate UP / DOWN hydraulic oil pipeline (Refer to 9. Balance Valve)

(1 → Tailgate Hydraulic Cylinder Inlet Oil Pipeline)

(2 → Tailgate Hydraulic Cylinder outlet Oil Pipeline)

Oil Pipeline 3 & 4: Scraper ON / OFF hydraulic oil pipeline

(3 → Scraper Hydraulic Cylinder outlet Oil Pipeline)

(4 → Scraper Hydraulic Cylinder inlet Oil Pipeline)

Oil Pipeline 5 & 6: Slide Plate UP / DOWN hydraulic oil pipeline

(5 → Slide Plate Hydraulic Cylinder inlet Oil Pipeline)

(6 → Slide Plate Hydraulic Cylinder outlet Oil Pipeline)

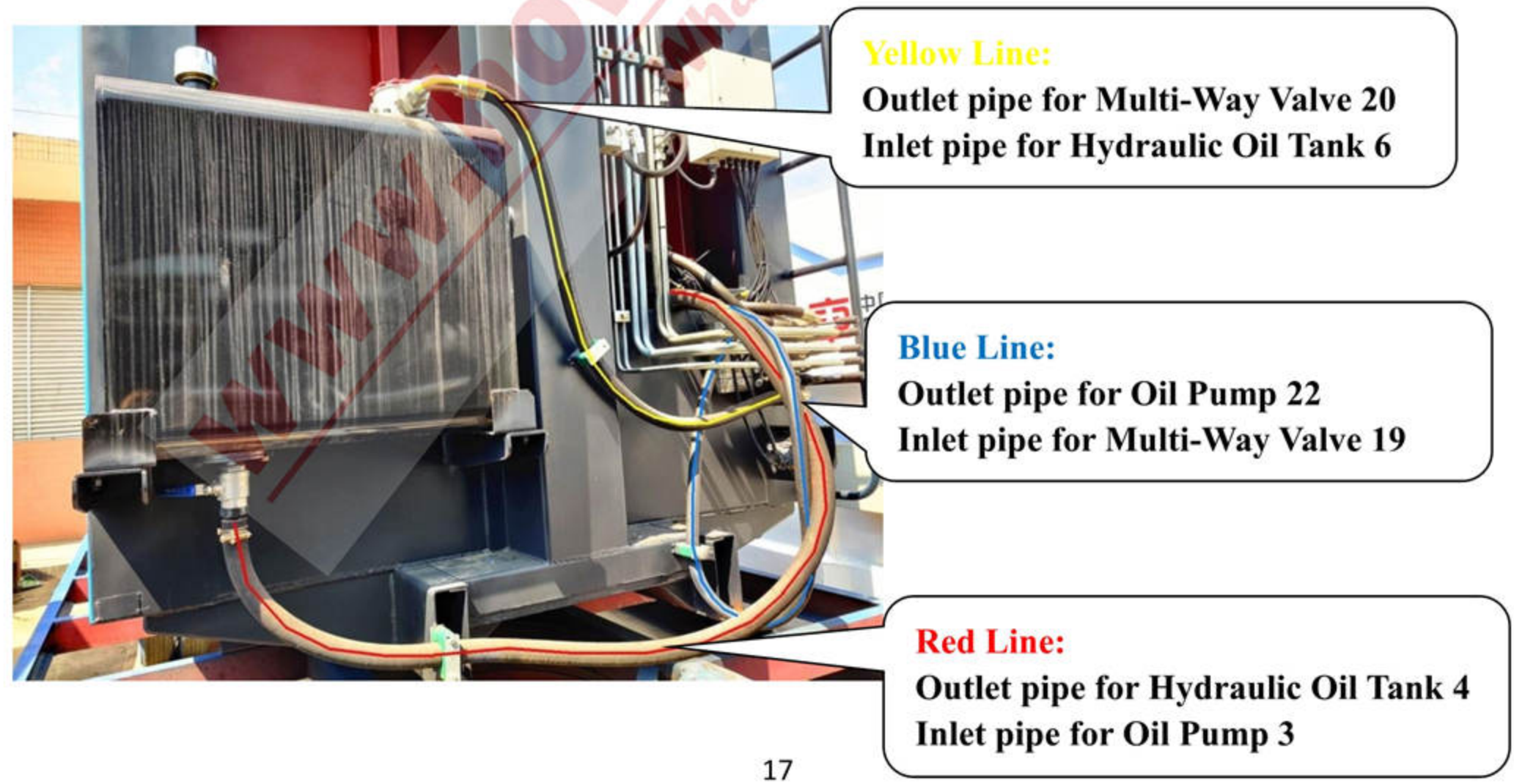
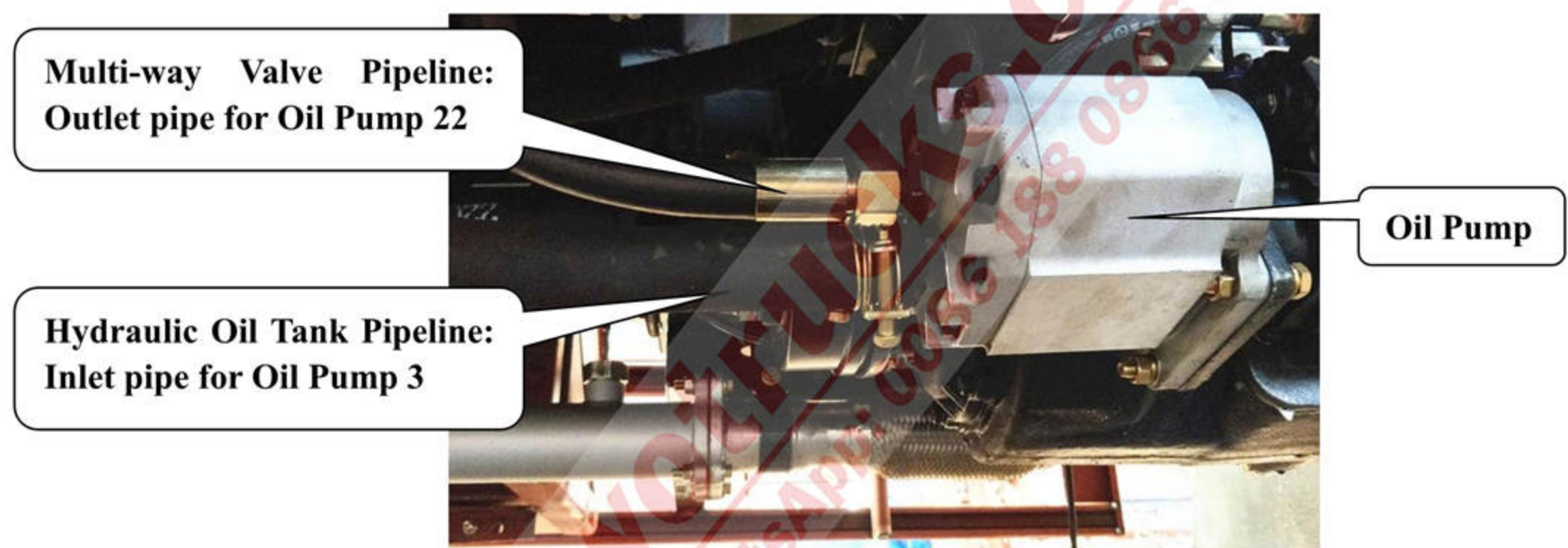
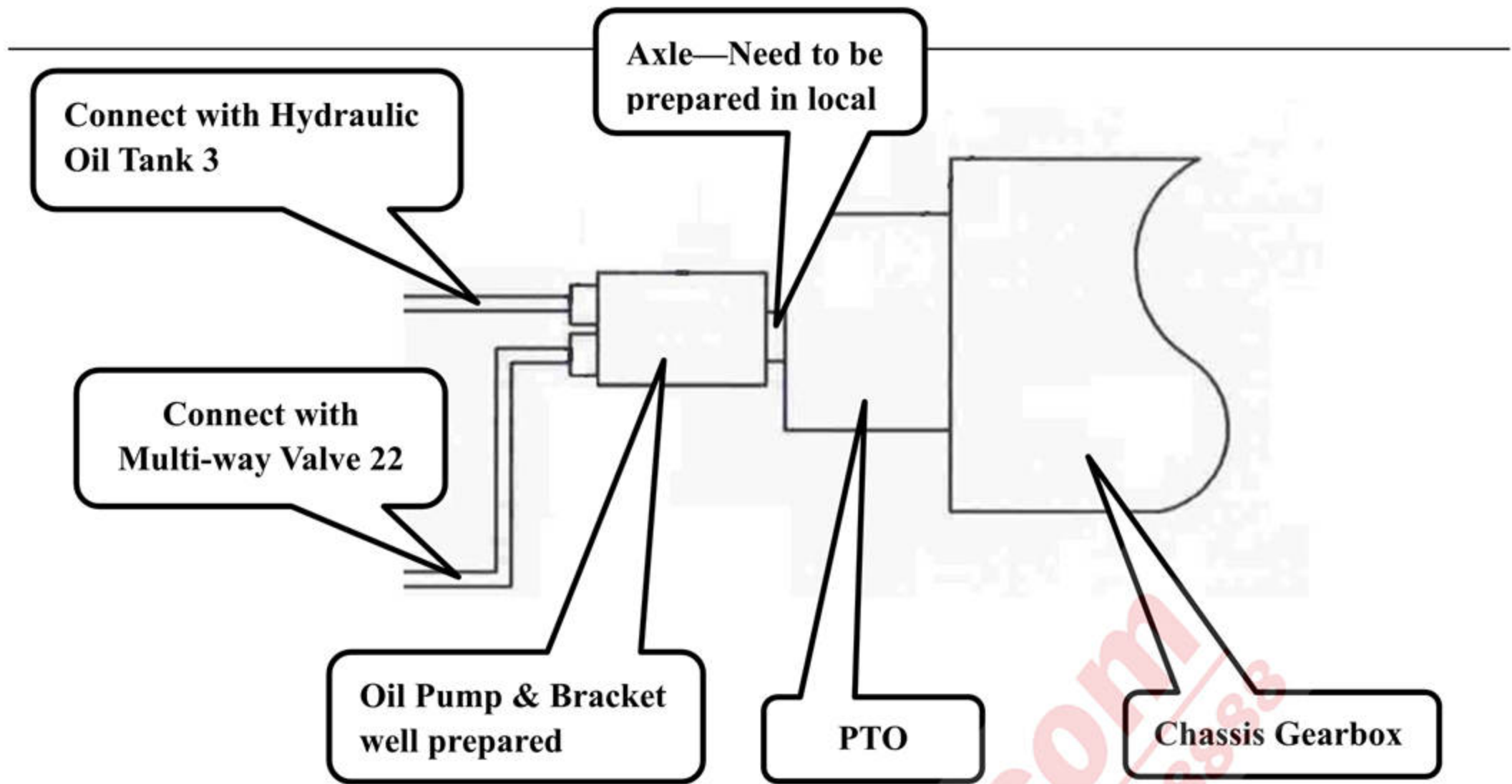
Steps 3:

After Compactor Body and Tailgate well connected. Fix the Rear Loader Body on customer FUSO FM657 Chassis: Use U-style bolt to connect chassis frame and auxiliary frame.



Steps 4:

Install the PTO & Oil Pump on Chassis Gearbox; then connect the Rear Loader Body and the Chassis by using oil pipeline, make sure all hydraulic pipeline system well connected as showing.



Steps 5:

Connect the Gas Cylinder and Hand Cable Accelerator.



Gas Cylinder

Connect the Accelerator Pedal

Steps 6:

Install the Rear Lamp and connect the Side Lamp to work:

Kindly keep us informed if need any help during installation process!

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