

Field Assembly Instruction

DUMP TRUCK

GALEO

HD325 -7R

HD405 -7R

SERIAL NUMBERS HD325-11001 and up
 HD405-11001

KOMATSU

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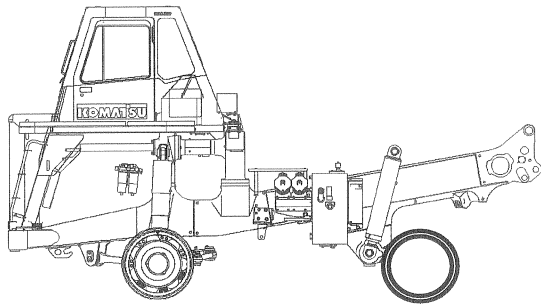
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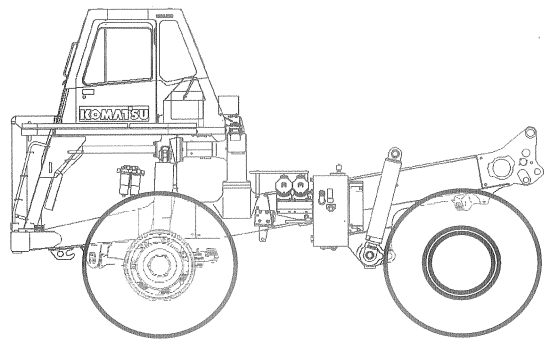
Appendix

Field assembly inspection report

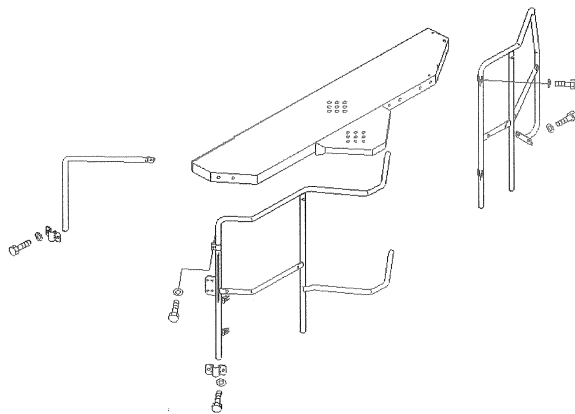
1. Outline of division (Only main components)



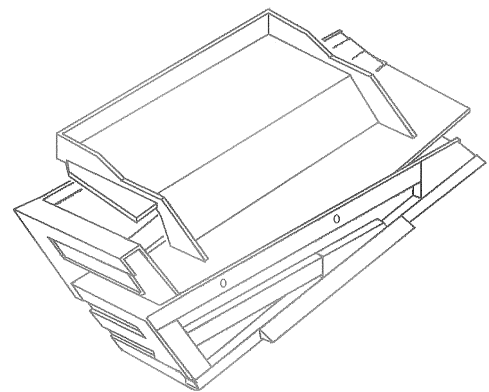
1. Bare machine (North America, Europe)



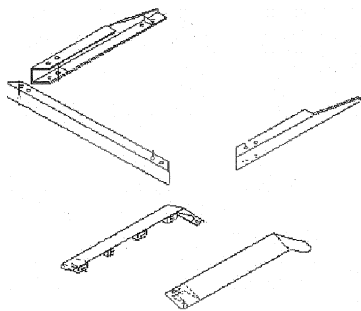
1. Bare machine (The overseas public)



2. Catwalk



3. Dump body (Divided into 3)

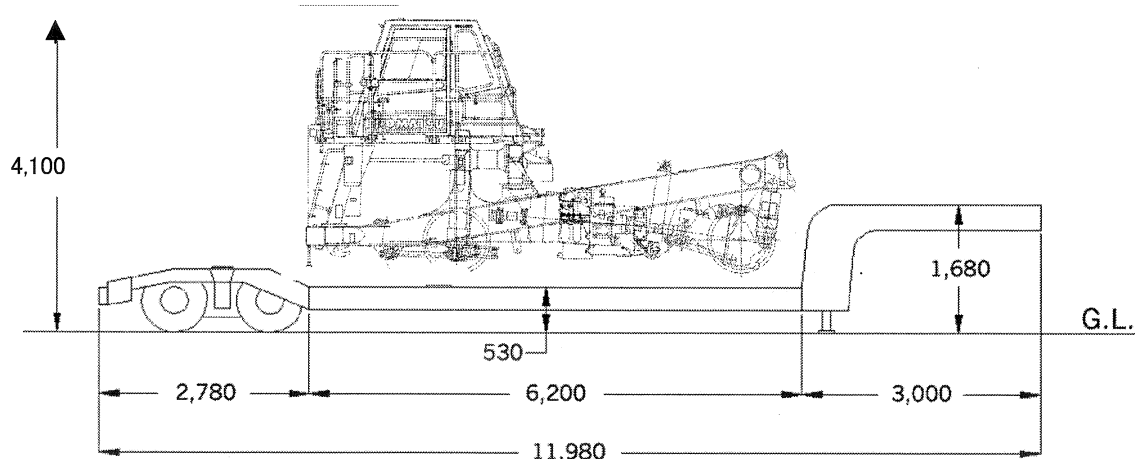
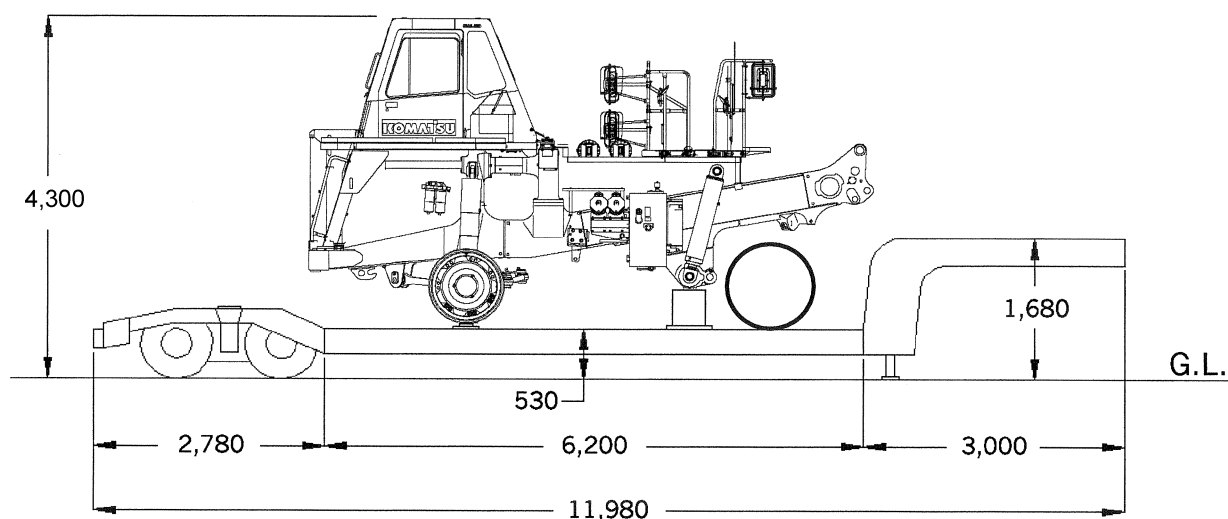


4. Spill guard and platform guard

2. Dimensions of main components

No.	Unit name	Weight (kg)	Overall length (mm)	Overall width (mm)	Overall height (mm)
1	Bare machine with tires and without dump body	23,270	6,635	3,660	3,850
	Bare machine without tires and dump body	18,842	6,449	3,497	3,497

Drawing of bare machine on trailer

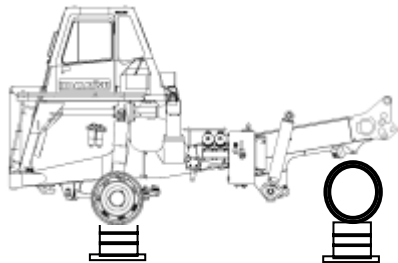
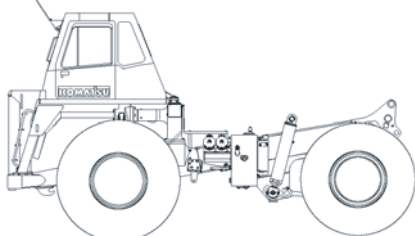


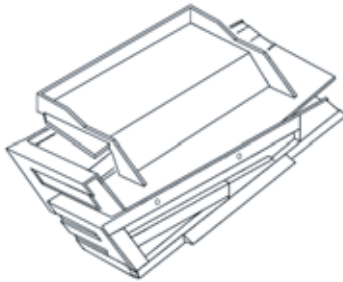
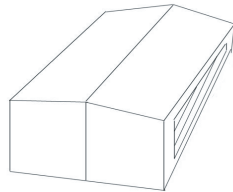
Reference

Specifications of completed truck

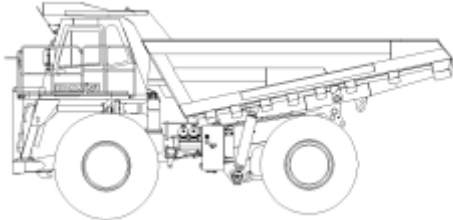
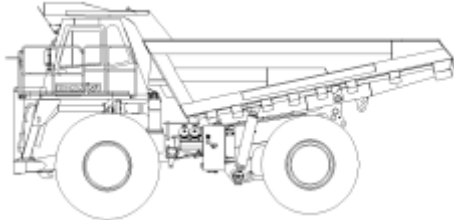
Specifications		Related items			
		Weight (kg)	Overall length (mm)	Overall width (mm)	Overall height (mm)
In self-propelled travel	HD325-7	31,600 (Mass of machine)	8,465 (Front bumper – End of body)	3,660	4,000 (When empty)
	HD405-7	34,400 (Mass of machine)	8,465 (Front bumper – End of body)	3,660	4,000 (When empty)

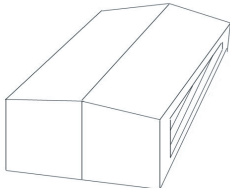
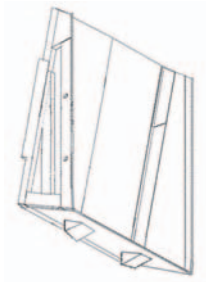
3-1. Rough schedule of assembly and welding

Day Hour	1st day							
	1	2	3	4	5	6	7	8
Condition of chassis								
Rough contents of assembly work	Positioning rear axle Positioning chassis Installing tires				Installing platform Installing various exterior parts			
Crane	 245 kN {25 ton}		 245 kN {25 ton}		 245 kN {25 ton} (98 kN {10 ton})			
Number of workers	2							

	Day	1st day								
	Hour	1	2	3	4	5	6	7	8	
Condition of body										
										
Contents of welding work	Unloading Removing stands, fixing material, etc.				Positioning and fixing split body Welding back side					
Crane	 245 kN {25 ton}				 245 kN {25 ton}					
Number of workers	3									

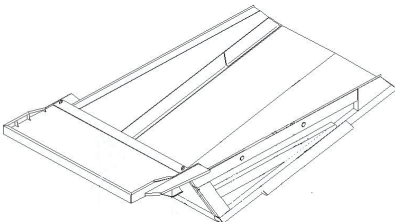
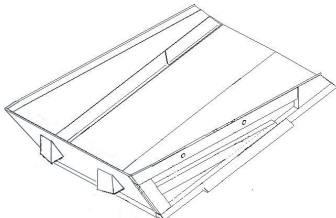
3-2. Rough schedule of assembly and welding

Day Hour	2nd day							
	1	2	3	4	5	6	7	8
Condition of chassis								
Rough contents of assembly work	Installing exterior parts Painting				Maintenance, adjustment Inspection			
Crane								
Number of workers	2							

Day Hour	2nd day							
	1	2	3	4	5	6	7	8
Condition of body								
Contents of welding work	Positioning and fixing split body Welding back side				Turning over			
Crane	 							
	245 kN {25 ton}							
Number of workers	3							

3-3. Rough schedule of assembly and welding

Day Hour	3rd day							
	1	2	3	4	5	6	7	8
Condition of chassis								
Rough contents of assembly work								
Crane								
Number of workers	2							

Day Hour	3rd day							
	1	2	3	4	5	6	7	8
Condition of body								
Contents of welding work	Welding inside of body				Welding protector			
Crane								
Number of workers	3							

4. List of equipments, tools, and consumables

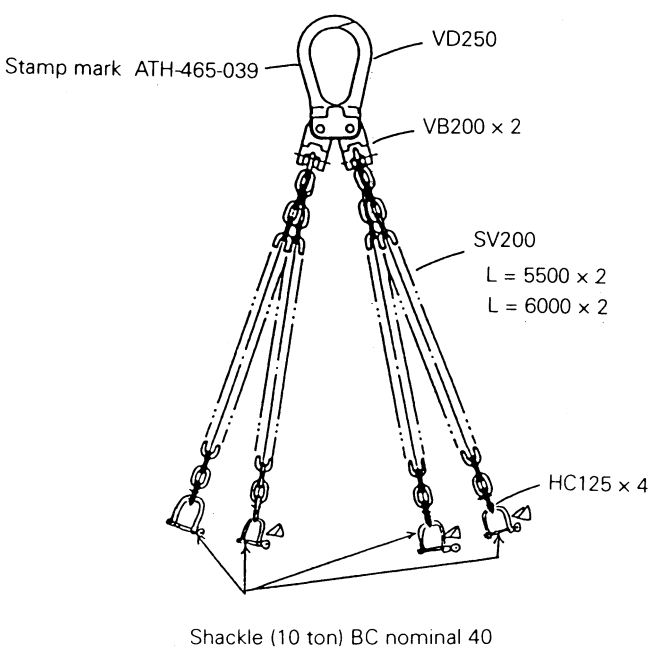
No.	Item	Specification	Q'ty	Location
1	Truck crane	245 kN {25 ton}	1	See field assembly manual
2	Truck crane	245 kN {25 ton}	1	See field assembly manual
3	Forklift truck	24.5 kN {2.5 ton}	1	
4	Gas cutting machine		1	
5	Nozzle	No. 1220N2	1	
6	Acetylene gas		1	For gas cutting machine
7	Oxygen gas	14.7 MPa {150 kg/cm ² }	1	For gas cutting machine
8	Grinder (Round)	FG50L-1	1	
9	Abrasive wheel	SCW50 × 19 • 10	1	
10	Grinder	LISG-7S	1	For finishing
11	Abrasive wheel	180 ø × 6 × 22	3	
12	Diamond ber	CB7C105	1	
13	Diamond ber edge	6GH	1	
14	Semi-automatic welding machine	500A	3	
15	Hand shield	GP-1S	3	
16	Wire for semi-automatic welding machine	1.2 mm	80 kg	
17	Chipper scaling hammer	FCM-20F	2	
18	Port-Power	300 mm for 98 kN {10 ton}	1	For correcting position of body
19	Hydraulic jack	98 kN {10 ton}	1	For body
20	Hydraulic jack	49 kN {5 ton}	1	For body
21	Flame-resistant cloth	1 m × 10 m	1	Protection from welding by actually positioning parts on machine
22	Nitrogen gas filler	7926-10-1000	1	
23	Nitrogen gas cylinder	14.7 MPa {150 kg/cm ² }	1	Filling suspension with nitrogen gas
24	Tire inflation pressure gauge	No. 2252	1	
25	Grease pump gun	For 20kg can	1	
26	Grease	G2-LI	5 kg	
27	Stepladder	3-step	1	
28	Stepladder	6-step	1	
29	Vinyl sheet	5 m × 10 m	5	Protection of machinery and material
30	Wood block	300 mm square, 1 m long	12	
31	Oil can	5ℓ	1	For supplying oil
32	Oil container, washing can		2	
33	Waste oil can	Drum	1	
34	Cloth		5 kg	
35	Fuel oil	ASTM D4741		For machine
36	Air hose	6 ø × 1 m	1	For bleeding air
37	Sanding machine for painting	914B	1	
38	Sandpaper for painting	#80	100	
39	Sandpaper for painting	#180	10	
40	Cup gun set	W87-20R2S	1	For painting
41	Brush		1	For touching up painted surface
42	Air compressor	3.5 m ³ /min, Min. 686 kPa {7 kg/cm ² }	1	
43	Air hose	With 12 ø adapter	5	For impact grinder
44	Impact wrench	For M6 – M12	3	
45	Impact wrench	For M4 – M20	1	
46	Impact wrench	For M24, M27 and M33	1	
47	For extension impact 38S	600 mm long, For M33	1	For tightening tire
48	Socket	1 inch × 46 mm	1	For tightening tire
49	Socket	10 mm	1	

No.	Item	Specification	Q'ty	Location
50	Socket	13 mm	1	For exterior parts
51	Socket	17 mm	1	
52	Socket	19 mm	1	
53	Socket	22 mm	1	
54	Socket	24 mm	1	
55	Torque wrench	29.4 – 49 Nm{3.0 – 5.0 kgm}	1	
56	Torque wrench	1,519 – 1,852 Nm {154.9 – 188.9 kgm}	1	
57	Steel measure tape	5 m	1	
58	LOCTITE	LT-2	1	
59	Vinyl tape		1	For binding wiring harness
60	Standard tools (For ISO)	700SX	2	
61	Bar	1 m	1	
62	Pointed steel bar		1	For matching holes
63	Sledgehammer	10 lb	1	
64	Shackle	BD10 for 4.9 kN {500 kg}	4	For installing body
65	Shackle	BC40 for 98 kN {10 ton}	4	
66	Chain	ATH-465-042	1	
67	Nylon sling	Width of 250 mm * 5 m	1	Multi-purpose type
68	Nylon sling	Width of 60 mm * 3 m	2	For installing right platform
69	Nylon sling	Width of 100 mm * 12 m	1	For installing support and small parts
70	Pin	60 ø * 250 mm	2	For installing front tire
71	Jig for slinging body	AHT-785-006	4	For slinging chassis on rear side (Safety pin can substitute)
72	Wire	7 m 28 ø	2	For installing body
73	Wire	4 m 28 ø	2	For slinging chassis
74	Wire	5 m 28 ø	2	For installing body
	The following 4 items can substitute for Nos. 72 – 74.			
		ATH-465-039	1	For installing body
		ATH-465-040	2	For slinging chassis
		ATH-465-041	1	For sling split body

List of touch-up paints for export machine with body (Delivered from factory for Japanese market)

No.	Part name	Unit	Q'ty
1	RETAN GP Primer	4 kg	1
2	RETAN GP Hardener	0.8 kg	1
3	RETAN GP Thinner	4 ℓ	1
4	SR3000 Natural yellow	16 kg	2
5	SR3000 Hardener	15 kg	2
6	Urethane thinner 205	17 ℓ	1
7	Black gray	Spray can	1
8	Heat-resistant silver	Spray can	1

Body assembly lifting tool



Stamp mark ATH-465-039

VD250

VB200 × 2

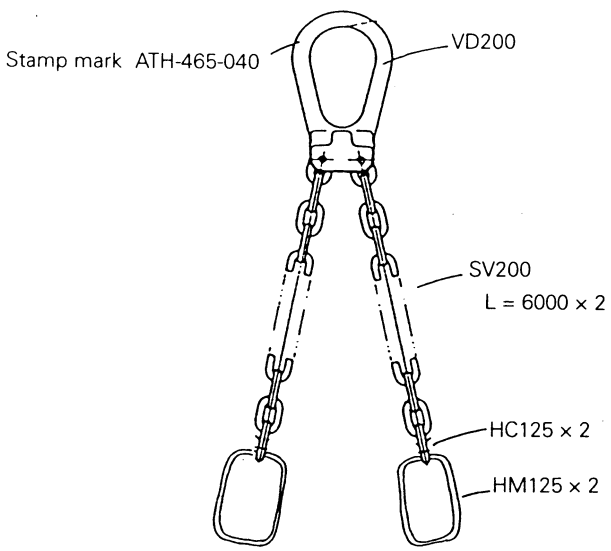
SV200
L = 5500 × 2
L = 6000 × 2

HC125 × 4

Shackle (10 ton) BC nominal 40

HEAT TREATMENT	MATERIAL
—	—
PART NAME	QTY
Body assembly lifting tool	1
ATH-465-039	

Chassis lifting tool



Stamp mark ATH-465-040

VD200

SV200
L = 6000 × 2

HC125 × 2

HM125 × 2

HEAT TREATMENT	MATERIAL
—	—
PART NAME	QTY
Chassis lifting tool	2
ATH-465-040	

Dump body lifting tool

HEAT TREATMENT	MATERIAL
—	—
PART NAME Split body sling	QTY 1
ATH-465-041	

Universal lifting tool

HEAT TREATMENT	MATERIAL
—	—
PART NAME Universal lifting tool	QTY 1
ATH-465-042	

Assembly process No.	Oil, grease, and coolant
0010	

Method of using fuel, lubricant, and coolant according to ambient temperature

■ Fuel, oil

Use the correct type for the ambient temperature as shown in the table below.

- ★ Specified capacity: Total amount of oil including oil for components and oil in piping
Refill capacity: Amount of oil needed to refill system during normal inspection and maintenance.
- ★ When starting the engine in an ambient temperature of less than 0°C, always use EOS0W30, or EOS5W40, even though the temperature goes up to 10°C during the daytime.

■ Coolant

Komatsu genuine super coolant (AF-NAC) is added to the cooling water, so there is no need to change it for temperatures down to -10°C.

If the temperature goes below -10°C, adjust the density. For details, see CLEANING INSIDE OF COOLING SYSTEM in the WHEN REQUIRED Section of the Operation and Maintenance Manual.

Reservoir	Fluid Type	Ambient Temperature, degrees Celsius										Recommended Komatsu Fluids
		-22	-4	14	32	50	68	86	104	122 °F		
		-30	-20	-10	0	10	20	30	40	50 °C		
Engine oil pan	Engine oil	(Note.1)										Komatsu EOS0W30
		(Note.1)										Komatsu EOS5W40
												Komatsu EO10W30DH
												Komatsu EO15W40DH
												Komatsu EO30DH
Transmission Case (incl. brake oil tank)	Power train oil (Note.2)											TO10
												TO30
Hydraulic tank	Power train oil											TO10
Front suspension Rear suspension	Hydraulic oil											HO-MVK
Differential case Final drive case	Power train oil											TO30
												TO50
Grease fitting	Hyper grease (Note.3)											G2-T, G2-TE
	Lithium EP grease											G2-LI
Cooling system	Supercoolant AF-NAC (Note.4)											AF-NAC
Fuel tank	Diesel fuel											ASTM Grade No.1-D S15 ASTM Grade No.1-D S500
												ASTM Grade No.2-D S15 ASTM Grade No.2-D S500

• ASTM: American Society of Testing and Material

Precautions		Necessary tools		Necessary equipment	
★ For details of the notes (e.g., Note. 1, Note. 2...) in the table, see the Operation and Maintenance Manual.		Name	Q'ty	Name	Q'ty
Other remarks					

Assembly process No.	Levels of oil, grease, and coolant
0020	

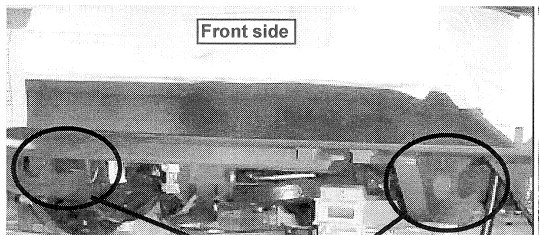
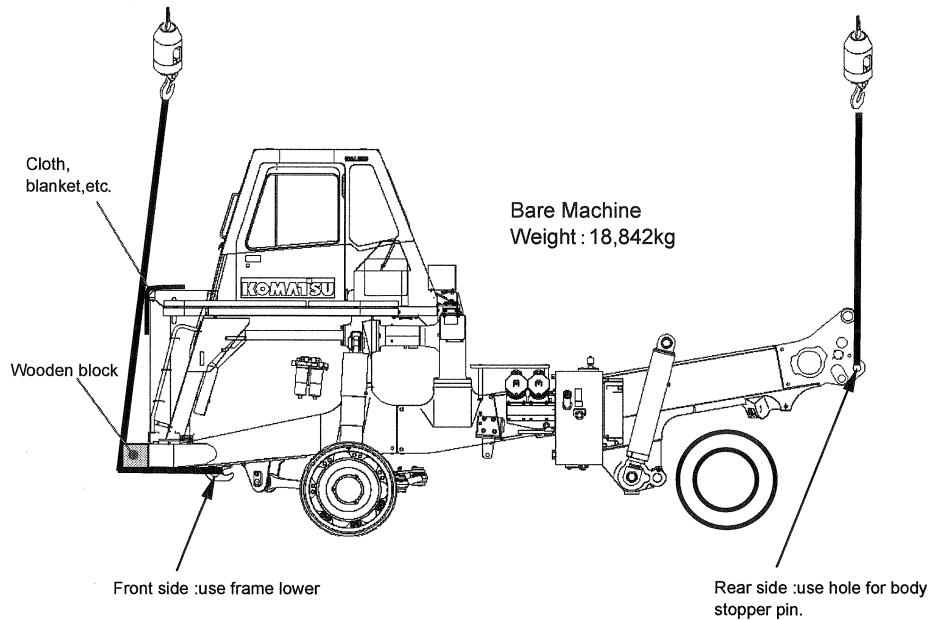
Lubrication point	Type of oil	Specified q'ty (ℓ)	Refill capacity (ℓ)	Volume of refilled oil (ℓ)
Engine oil pan	Engine oil	58	50	
Transmission case	Power train oil	211	90	
Steering and hoist oil tank		165	129	70
Front suspension	Hydraulic oil	13.8 each on right and left sides	13.8 each on right and left sides	
Rear suspension		8.3 each on right and left sides	8.3 each on right and left sides	
Differential case	Power train oil	50	45	
Final drive case		15 each on right and left sides	15 each on right and left sides	
Fuel tank	Diesel fuel	500	484	
Cooling system	Super coolant	138	134	

Caution) Before starting the engine, be sure to check each oil/coolant level.

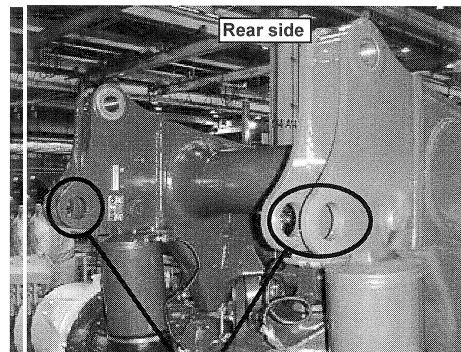
Do not steer the machine largely before adjusting the suspension
(If it is steered largely, the piping may be damaged).

Assembly process No.	Slings bare machine
0030	

Carry out when tires are not installed



Front lifting point



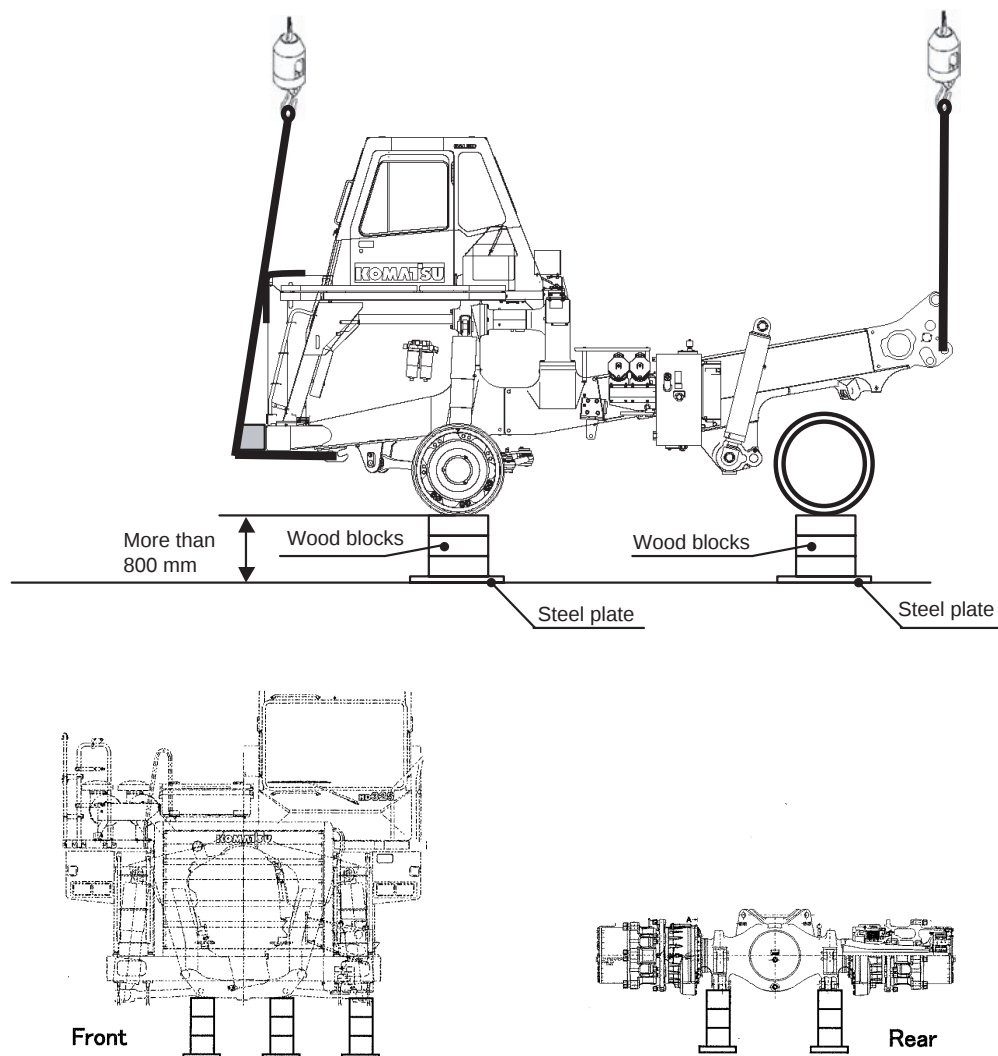
Rear lifting point

- When slinging the chassis, apply cloths to protect it.
- Lift up chassis using 25 tons crane for front side and 25 tons crane for rear side.
 - Sling : Chain sling (ATH-465-040) or wires 28 mm in diameter
 - Front hanging point: Hanging bracket of bumper
 - Rear hanging point: Mounting part of body lock pin (Use pin 6 mm in diameter × 250 or body lock pin)
 - Part No.: 569-74-61670 (Red)

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
			ATH-465-040	2
			Crane: 25 ton	2
Other remarks				

Assembly process No.	Positioning bare machine
0040	

Carry out when tires are not installed

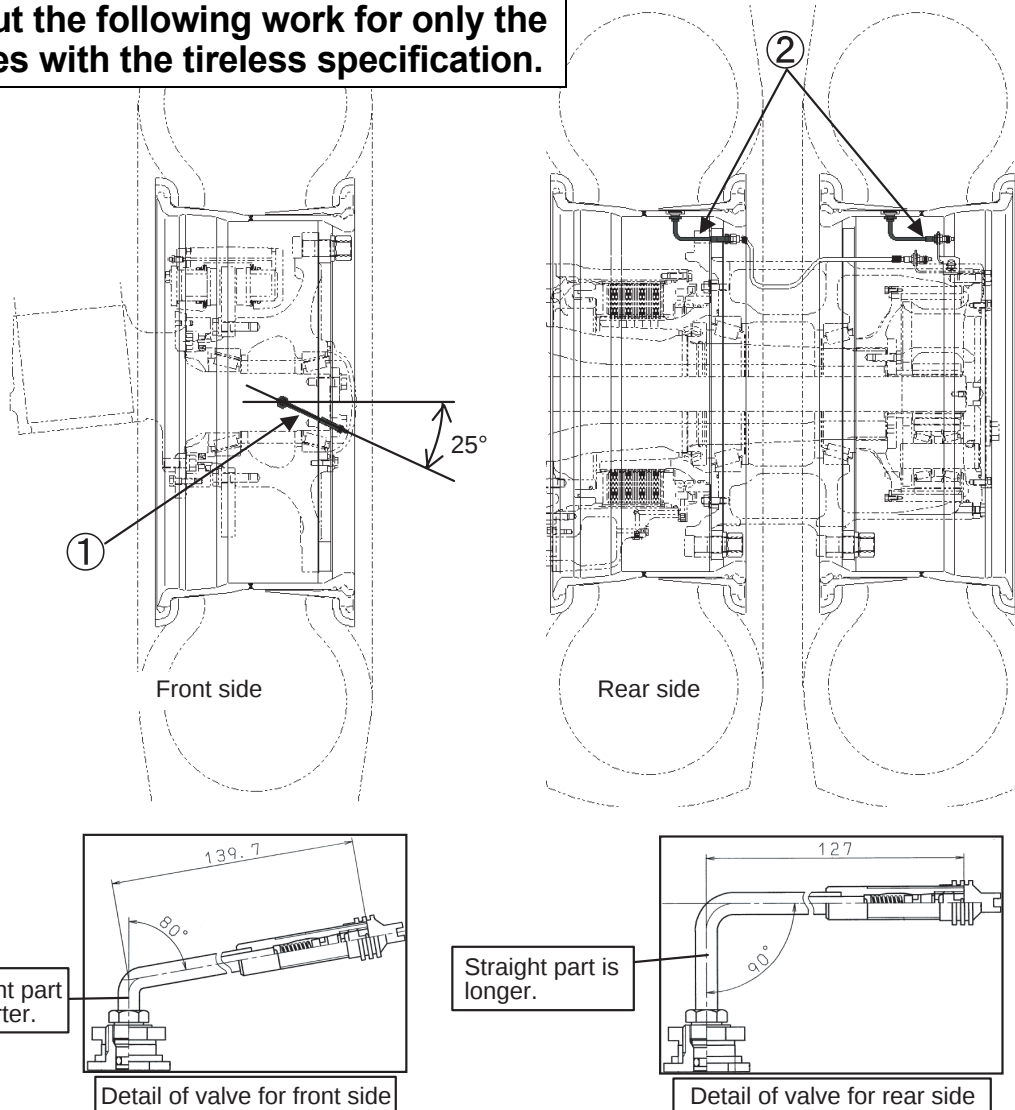


1. Position the frame vertical of the bare machine on wood blocks as shown above.
(Secure the clearance above the ground as shown above so that you can install the front tires.)
When positioning the bare machine on the ground, place a steel plate under the wood blocks so that the bare machine will not sink and lean.
2. Remove the sling.

Precautions	Necessary tools		Necessary equipment	
Choose a flat large place Take care that the chassis will not move. Set the bare machine to proper height so that you can install the front tires.	Name	Q'ty	Name	Q'ty
Other remarks				

Assembly process No.	Assembly of tire and wheel assembly
0045	

Carry out the following work for only the machines with the tireless specification.



1. Install valves (1) (having the longer straight part) to the rim on the front side.
2. Install valves (2) (having the shorter straight part) to the rims on the rear side.

* Install the valves to the right and left sides.

	Part No.	Part name	Q'ty	State of parts
(1)	566-30-81601	Valve assembly	2	Loose-supply item (Packed separately)
(2)	566-30-82600	Valve assembly	4	Loose-supply item (Packed separately)

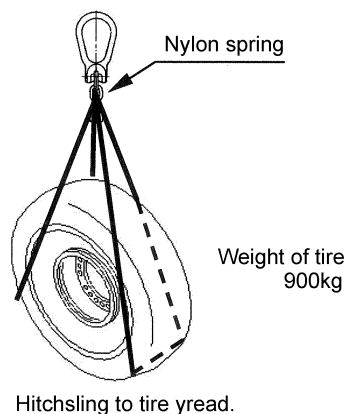
Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. When installing the valves for the front and rear sides, take care not to mistake them for each other.				
Other remarks				

Assembly process No.	Installing tire and wheel assembly
0050	

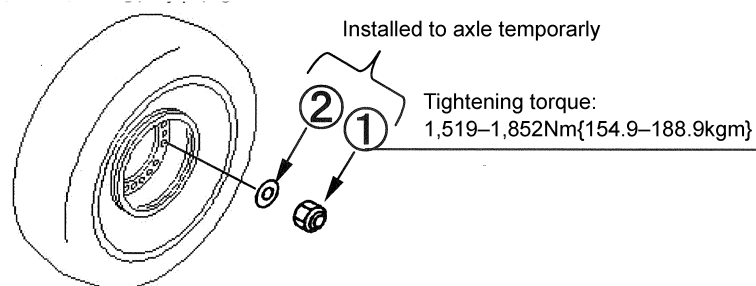
Carry out when tires are not installed

Install 2 tires for front right and left, 2 tires for rear right and left.

<How to sling tire and wheel assembly>



<Image of mounting tire>

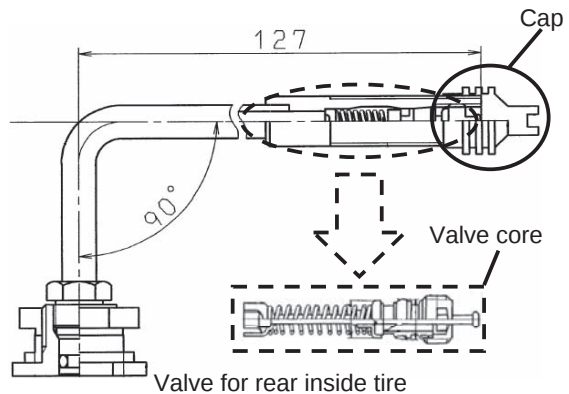
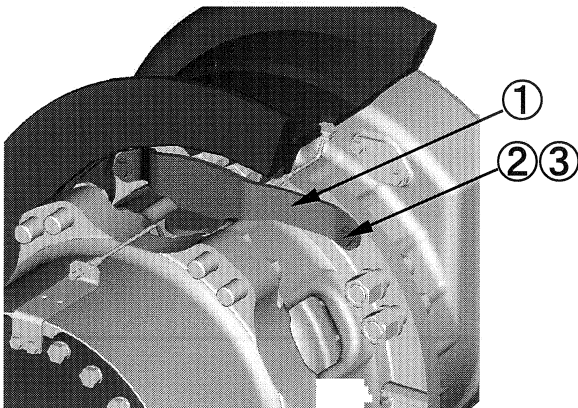


	Part No.	Part name	Q'ty	State of parts
(1)	569-22-72870	Nut	72	Temporarily installed to axle
(2)	426-09-11520	Washer	72	Temporarily installed to axle

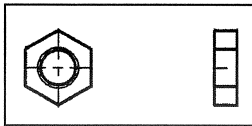
1. Remove the nuts (1) and washers (2) installed to the axle temporarily.
2. Install the tire with the forklift and then install the nuts (1) and washers (2).
 Note) • Take care that the tire will not fall from the forklift.
 • When positioning the tire, take care not to damage the valve for inflating the tire.
 • Before installing the rear outside tires, be sure to install the extension.
 (For the method of installing the extension, see the next page.)
3. Tighten the nuts (1) with the impact wrench temporarily.
4. Lift up the part of the chassis with the crane and remove the wood blocks.
5. Tighten the tire mounting nuts (1) with the torque wrench.
 (Tightening torque: 1,519 – 1,852 Nm {154.9 – 188.9 kgm})
6. Touch up the tightened parts (to prevent rusting).
 (Use the yellow paint used for the body.)

Precautions	Necessary tools		Necessary equipment	
1. When carrying the tire, take care that it will not fall. 2. Take care not to damage the body with the forklift mast. 3. When positioning the tire, take care not to damage the air valve. 4. When inflate the air to rear inside tire, use the extension (566-30-82131).	Name	Q'ty	Name	Q'ty
	Torque wrench	1		
	QLE21000 or equivalent			
Other remarks				

Assembly process No.	Installing rear tire valve extension
0060	



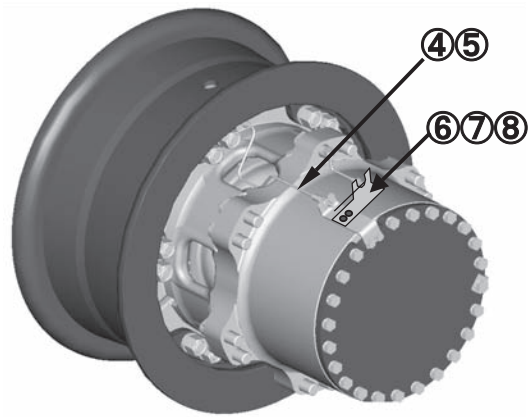
Use the cap and valve core which removed from inside tire, for rear outside tire.



The screw attached to extension

When do this work wear safety glasses

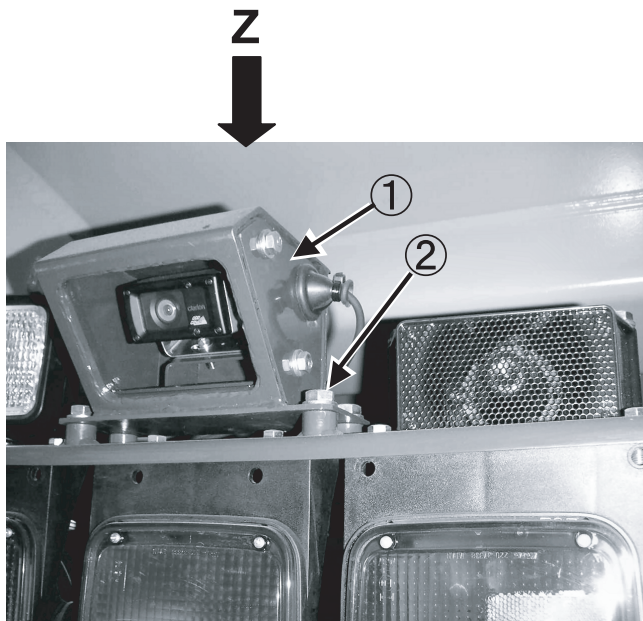
1. Remove (1) – (3) from rear axle, installed temporary.
2. Remove the cap of rear inside tire valve.
3. Remove valve core, using the tip of cap which removed.
4. Install the screw which attached to (4) to rear inside tire, with packing outward.
5. Install (4).
6. Lock (4), using screw which attached to (4).
7. Install (1) – (3) to original place.
8. Install plates (6), (7) and (8).



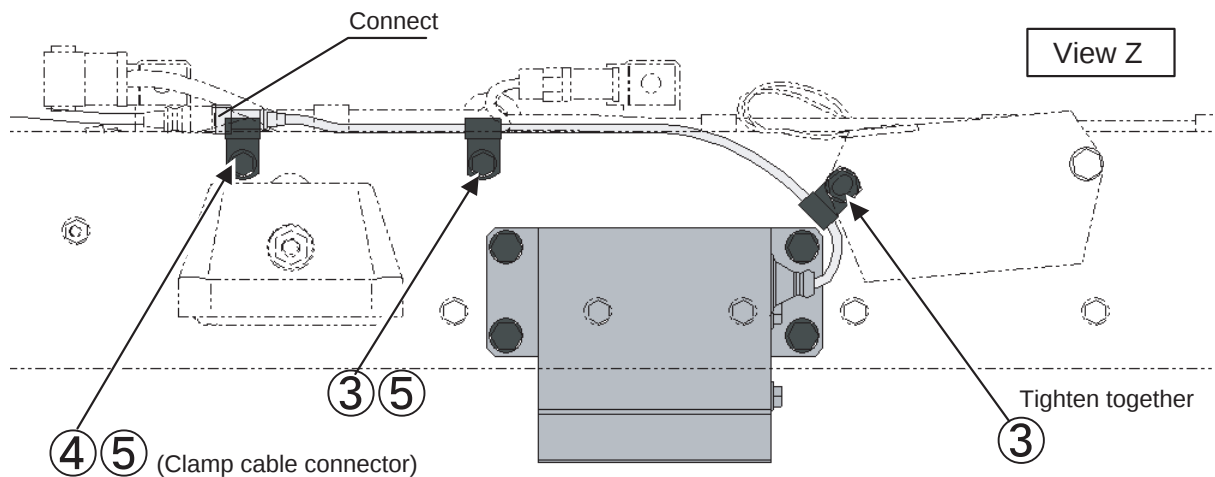
	Part No.	Part name	Q'ty	State of parts
(1)	566-22-82750	Cover	2	Temporarily installed to rear axle
(2)	01010-61645	Bolt	4	Temporarily installed to rear axle
(3)	01643-51645	Washer	4	Temporarily installed to rear axle
(4)	566-30-82131	Extension	2	Loose-supply item (Packed separately)
(5)	01640-21223	Washer	4	Loose-supply item (Packed separately)
(6)	566-30-81713	Plate	2	Loose-supply item (Packed separately)
(7)	01024-80820	Bolt	4	Loose-supply item (Packed separately)
(8)	01643-31032	Washer	4	Loose-supply item (Packed separately)

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. Do this work before installed the outside tire. 2. Wear safety glasses. 3. When remove the cap from valve, take care that inflation pressure is high. 4. When install the screw attached to extension, with packing outward.	Safety glasses			
Other remarks				

Assembly process No.	Installing rear monitor
0065	



1. Remove bolts (2), clips (3) and (4), and bolts (5) installed temporarily to the rear lamp assembly.
2. Install rear monitor assembly (1) and fix it with bolts (2).
3. Connect the rear monitor cable.
4. Fix the rear monitor cable as shown in View Z.



	Part No.	Part name	Q'ty	State of parts (Parts list No.)
(1)	561-86-8310A	Rear monitor assembly	1	Packed separately (H37-08-010)
(2)	01024-81020	Bolt	4	Installed to rear lamp assembly temporarily
(3)	04434-50610	Clip	2	Installed to rear lamp assembly temporarily
(4)	04434-51810	Clip	1	Installed to rear lamp assembly temporarily
(5)	01024-81016	Bolt	2	Installed to rear lamp assembly temporarily

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
	Other remarks			

Assembly process No.	Installing L.H platform
0080	

FWD

Only model with radio

Remove rust-preventivesheet of ground for radio antenna. (remove one on catwalk side, too.)

Platform L.H.
Weight: 42.0kg

Bolt installing detail

④-01024-81230 ⑤-01024-81240 ⑥-01024-81225 ⑦-01024-81235

- Remove (4) – (7) temporarily installed to the chassis.
- Install left platforms (1) – (7) as shown above.

Note) Take care of the inserting positions of the bolts.

	Part No.	Part name	Q'ty	State of parts
(1)	566-54-8A711	Step	1	Loose-supply item (Packed separately)
(2)	561-54-81820	Step	1	Loose-supply item (Packed separately)
(3)	01024-81230	Bolt	4	Loose-supply item (Packed separately)
(4)	01024-81230	Bolt	2	Temporarily installed to chasis
(5)	01024-81240	Bolt	2	Temporarily installed to chasis
(6)	01024-81225	Bolt	6	Temporarily installed to chasis
(7)	01024-81235	Bolt	2	Temporarily installed to chasis

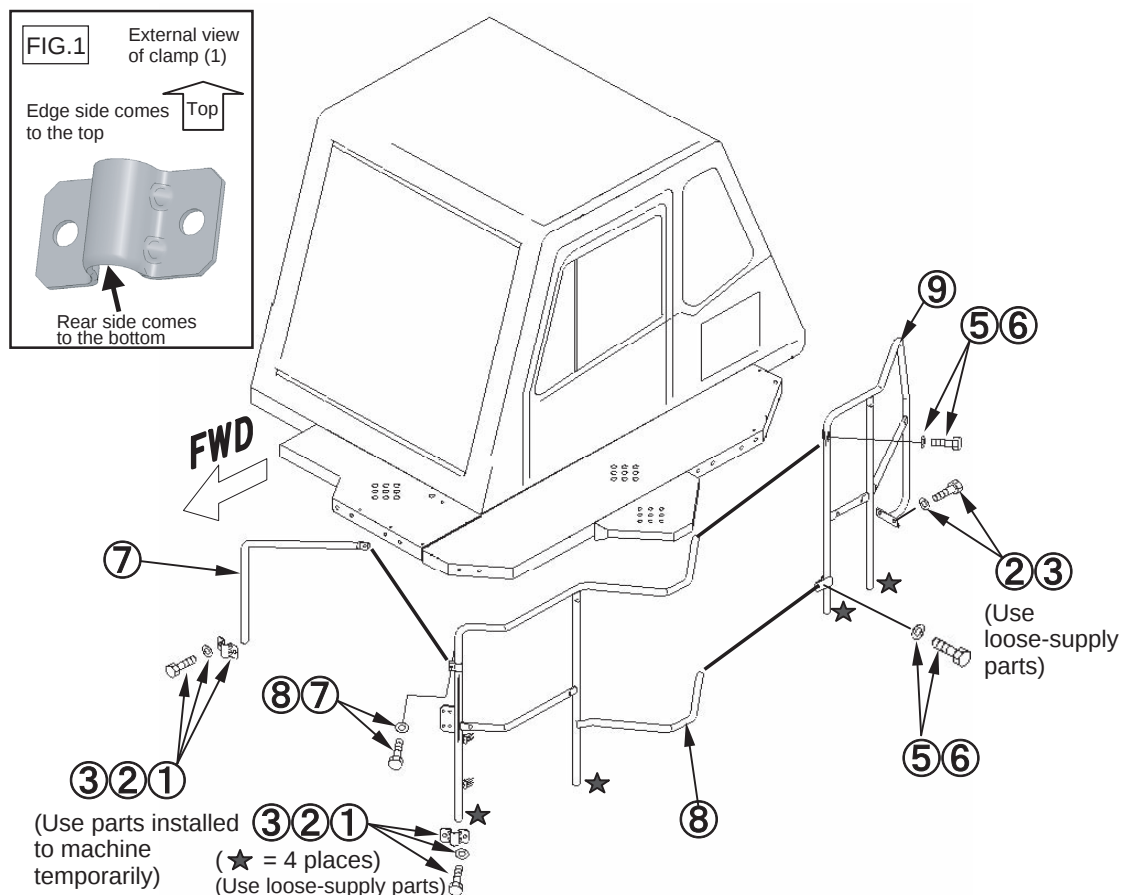
Precautions

- If the radio is installed, remove the rust-preventive sheets.
- Take care of the inserting positions of the bolts.

Necessary tools		Necessary equipment	
Name	Q'ty	Name	Q'ty

Other remarks

Assembly process No.	Installing L.H handrail
0090	



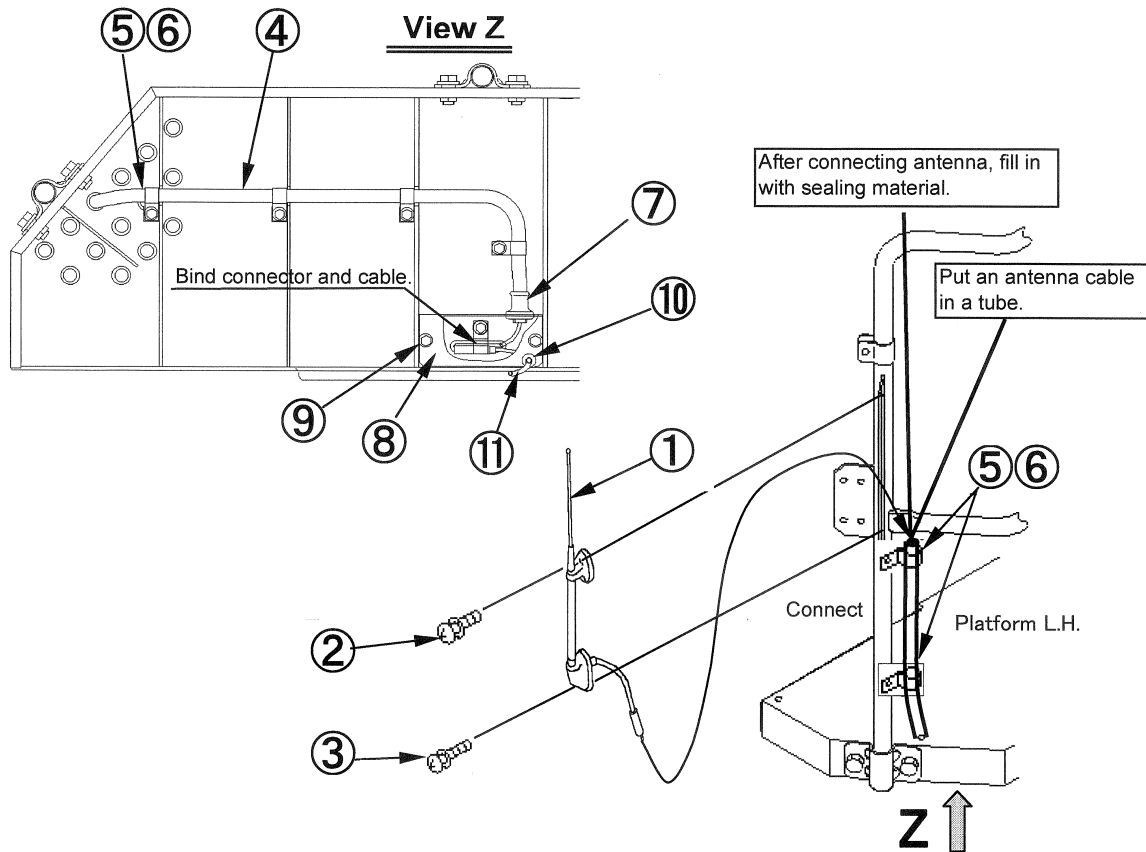
	Part No.	Part name	Q'ty	State of parts
(1)	561-54-61910	Clamp	5	Installed to machine temporarily: 1 pc., Loose-supply parts (Packed separately): 4 pcs.
(2)	01010-81635	Bolt	12	Installed to machine temporarily: 2 pcs., Loose-supply parts (Packed separately): 10 pcs.
(3)	01643-31645	Washer	12	Installed to machine temporarily: 2 pcs., Loose-supply parts (Packed separately): 10 pcs.
(5)	01010-81240	Bolt	3	Loose-supply item (Packed separately)
(6)	01643-31232	Washer	3	Loose-supply item (Packed separately)
(7)	566-54-8A771	Guard	1	Loose-supply item (Packed separately)
(8)	566-54-86712	Guard	1	Loose-supply item (Packed separately)
(9)	566-54-86721	Guard	1	Loose-supply item (Packed separately)

1. Remove (1) – (3) installed temporarily to the left platform and chassis.
 2. Install handrails (1) – (9) as shown above.
- Note) When installing the handrails, do not project them down from the rear side of the clamp.

Precautions	Necessary tools		Necessary equipment	
1. The handrails must not be projected down from the rear side of the clamps.	Name	Q'ty	Name	Q'ty
Other remarks				

Assembly process No.	Installing radio antenna and fixing its cable
0100	

Perform this work only when the radio is installed.

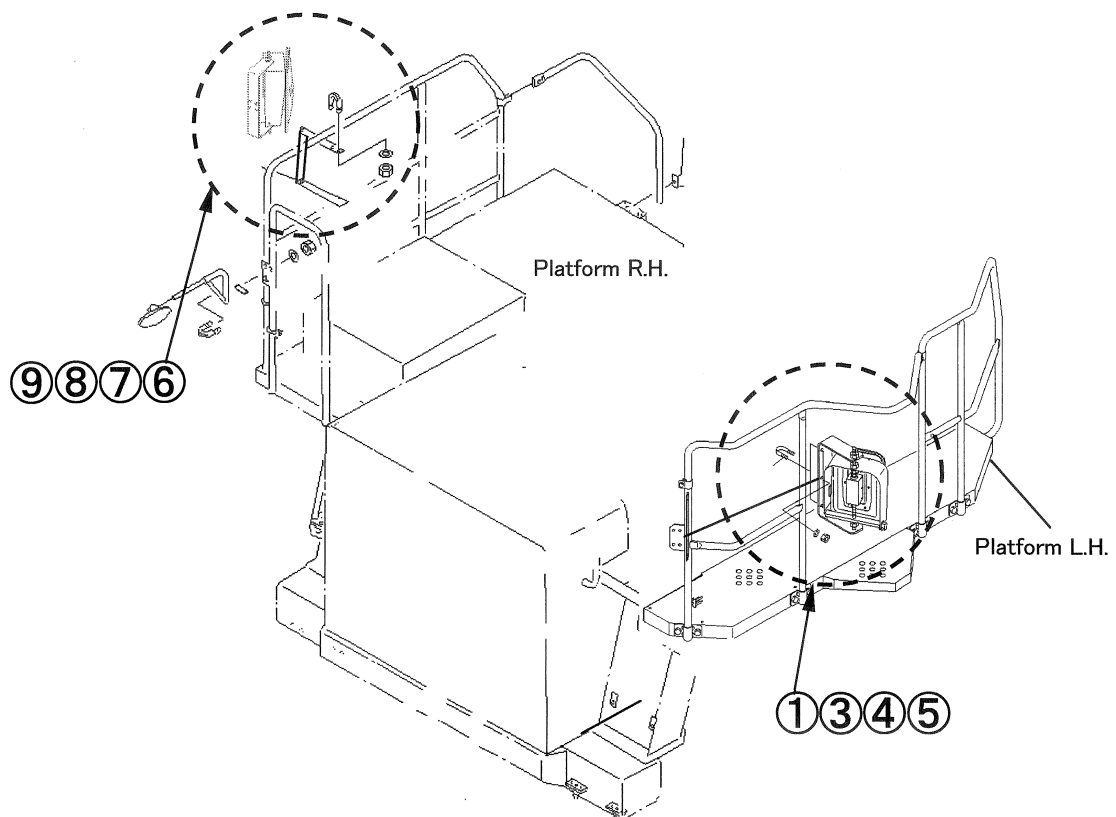


	Part No.	Part name	Q'ty	State of parts
(1)	175-911-6140	Antenna	1	Loose-supply item (Separately packed)
(2)	01225-40416	Screw	1	Loose-supply item (Separately packed)
(3)	01023-10420	Screw	1	Loose-supply item (Separately packed)
(4)	07270-51513	Tube	1	Loose-supply item (Separately packed)
(5)	04434-51910	Clip	7	Loose-supply item (Separately packed)
(6)	01435-01016	Bolt	7	Loose-supply item (Separately packed)
(7)	08037-11825	Grommet	1	Loose-supply item (Separately packed)
(8)	569-54-86940	Cover	1	Loose-supply item (Separately packed)
(9)	01435-01016	Bolt	2	Loose-supply item (Separately packed)
(10)	08037-01008	Grommet	1	Loose-supply item (Separately packed)
(11)	08210-00610	Spiral tube	1	Loose-supply item (Separately packed)

1. Install antennas (1) – (3) to the handrail installed to the left platform as shown above.
2. Connect the antenna cable coming from the cab to the cable coming from the antenna.
3. Install (4) – (11) as shown above.
4. Put the connected antenna cable in the tube.
5. Fill in the tube end with sealing material to prevent water from entering.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Other remarks				

Assembly process No.	Installing side view mirrors
0110	

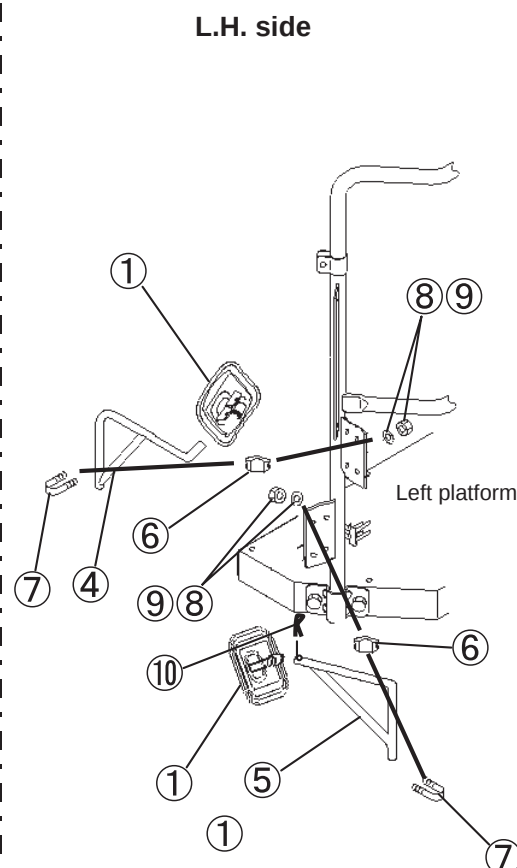
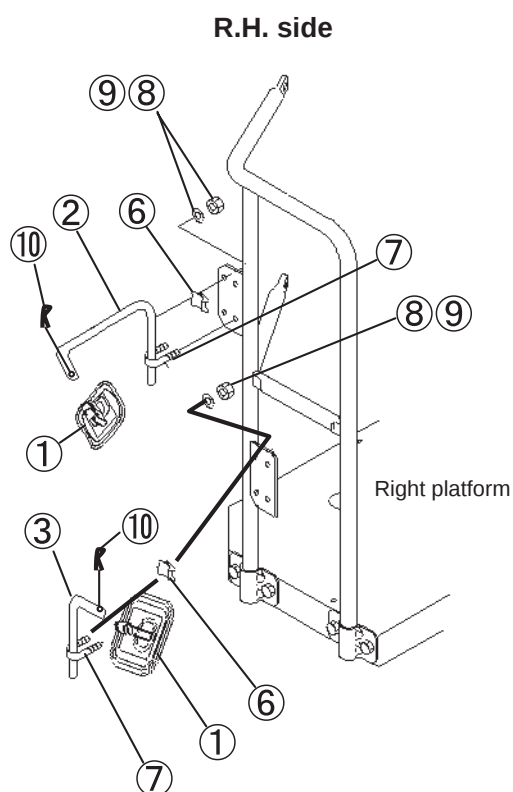


1. Install left sideview mirrors (1) – (5) to the handrail installed to the left platform as shown above.
2. Install the right sideview mirrors (6) – (9) to the handrail installed to the right platform as shown above.

	Part No.	Part name	Q'ty	State of parts
(1)	07283-34346	Clip	2	Loose-supply item (Packed separately)
(3)	01597-01009	Nut	4	Loose-supply item (Packed separately)
(4)	01643-31032	Washer	4	Loose-supply item (Packed separately)
(5)		Wide mirror assembly L.H	1	Loose-supply item (Packed separately)
(6)	07283-33442	Clip	2	Loose-supply item (Packed separately)
(7)	01597-01009	Nut	4	Loose-supply item (Packed separately)
(8)	01643-31032	Washer	4	Loose-supply item (Packed separately)
(9)		Wide mirror assembly R.H	1	Loose-supply item (Packed separately)

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
	Other remarks			

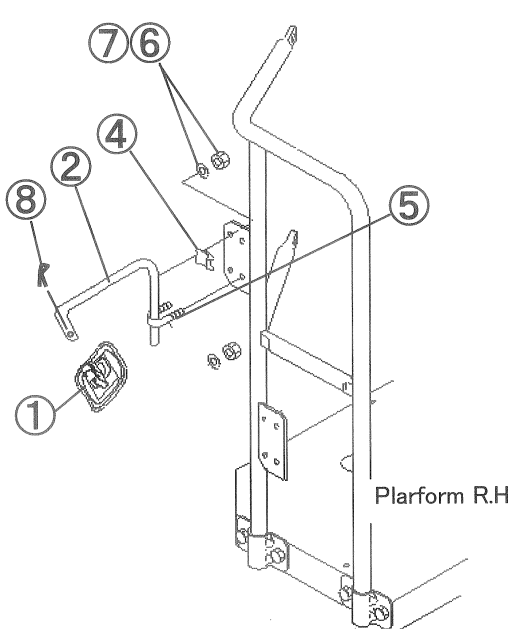
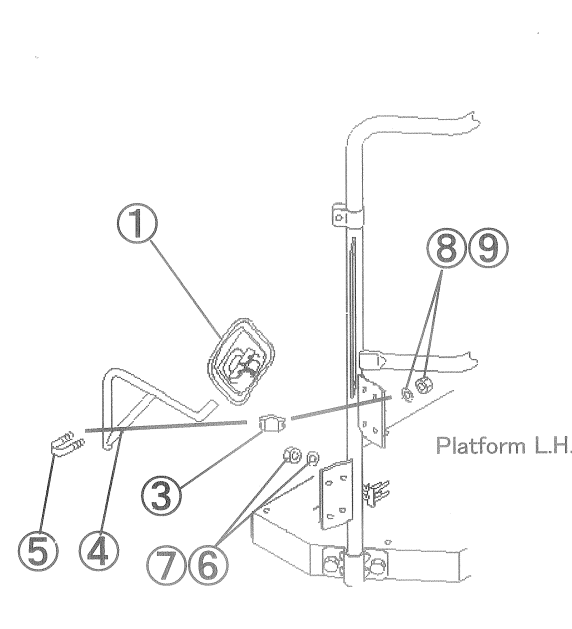
Assembly process No.	Installing under view mirrors (For general overseas countries)
0120	



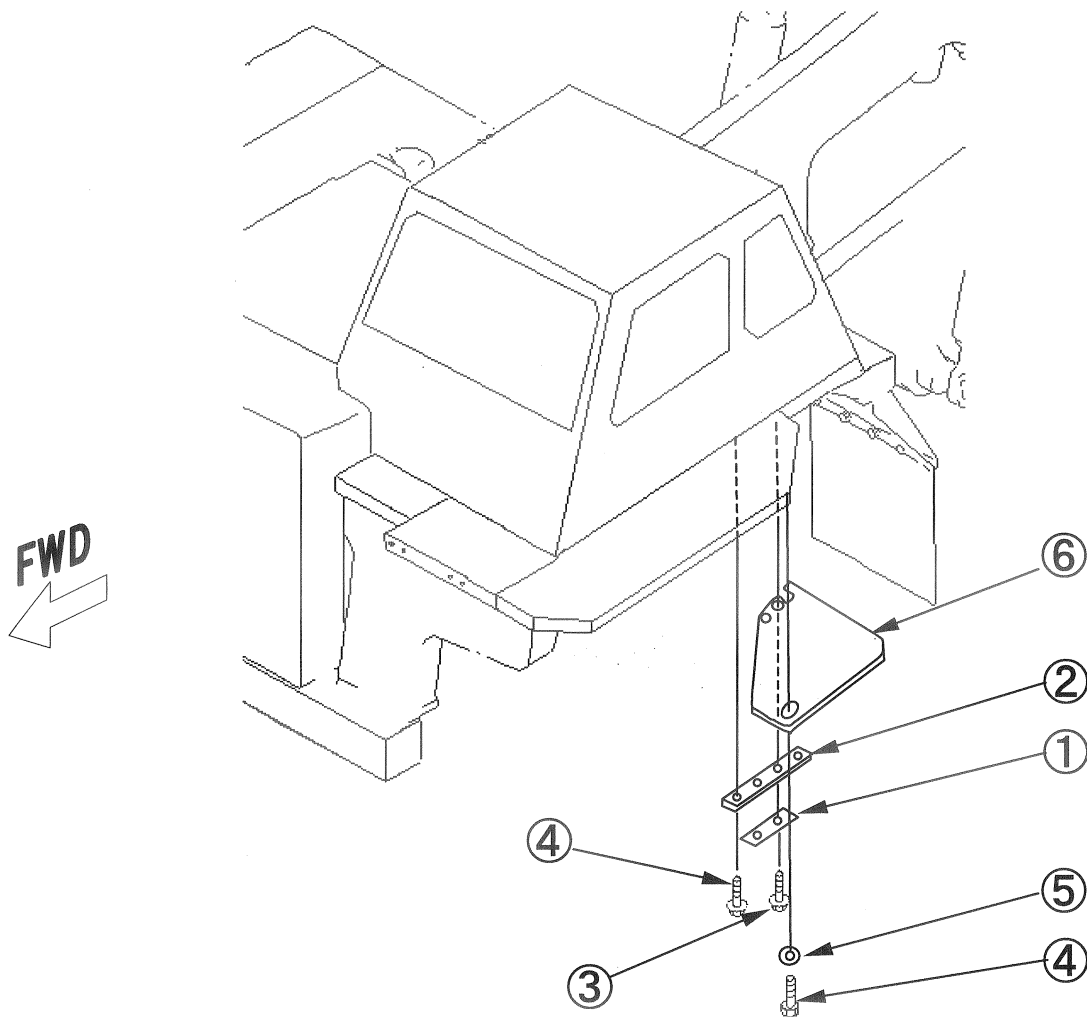
1. Install right underview mirrors (1) – (3) and (6) – (10) to the handrail installed to the right platform as shown in the above figure.
2. Install left underview mirrors (1), (4) – (9) and (10) to the handrail installed to the left platform as shown in the above figure.

	Part No.	Part name	Q'ty	State of parts
(1)	23W-P86-2890	Mirror	4	Loose-supply parts (Packed separately)
(2)	566-54-87820	Stay	1	Loose-supply parts (Packed separately)
(3)	566-54-87830	Stay	1	Loose-supply parts (Packed separately)
(4)	566-54-87860	Stay	1	Loose-supply parts (Packed separately)
(5)	566-54-87870	Stay	1	Loose-supply parts (Packed separately)
(6)	07283-52232	Seat	8	Loose-supply parts (Packed separately)
(7)	07283-32236	Clip	8	Loose-supply parts (Packed separately)
(8)	01597-01009	Nut	16	Loose-supply parts (Packed separately)
(9)	01643-31032	Washer	16	Loose-supply parts (Packed separately)
(10)	04050-18045	Pin	3	Loose-supply parts (Packed separately)

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Other remarks				

Assembly process No.		Installing under view mirrors (For EU)																																														
0121																																																
R.H. side  Platform R.H. L.H. side  Platform L.H.																																																
1. Install the right underview mirrors (1) , (2) and (4) – (8) to the handrail installed to the right platform as shown in the above figure. 2. Install the left underview mirrors (1), (3) and (4) – (7) to the handrail installed to the left platform as shown in the above figure.																																																
<table><tr><th></th><th>Part No.</th><th>Part name</th><th>Q'ty</th><th>State of parts</th></tr><tr><td>(1)</td><td>23W-P86-2890</td><td>Mirror</td><td>2</td><td>Loose-supply item (Separately packed)</td></tr><tr><td>(2)</td><td>566-54-87820</td><td>Stay</td><td>1</td><td>Loose-supply item (Separately packed)</td></tr><tr><td>(3)</td><td>566-54-87860</td><td>Stay</td><td>1</td><td>Loose-supply item (Separately packed)</td></tr><tr><td>(4)</td><td>07283-52232</td><td>Seat</td><td>4</td><td>Loose-supply item (Separately packed)</td></tr><tr><td>(5)</td><td>07283-32236</td><td>Clip</td><td>4</td><td>Loose-supply item (Separately packed)</td></tr><tr><td>(6)</td><td>01597-01009</td><td>Nut</td><td>8</td><td>Loose-supply item (Separately packed)</td></tr><tr><td>(7)</td><td>01643-31032</td><td>Washer</td><td>8</td><td>Loose-supply item (Separately packed)</td></tr><tr><td>(8)</td><td>04050-18045</td><td>Pin</td><td>1</td><td>Loose-supply item (Separately packed)</td></tr></table>					Part No.	Part name	Q'ty	State of parts	(1)	23W-P86-2890	Mirror	2	Loose-supply item (Separately packed)	(2)	566-54-87820	Stay	1	Loose-supply item (Separately packed)	(3)	566-54-87860	Stay	1	Loose-supply item (Separately packed)	(4)	07283-52232	Seat	4	Loose-supply item (Separately packed)	(5)	07283-32236	Clip	4	Loose-supply item (Separately packed)	(6)	01597-01009	Nut	8	Loose-supply item (Separately packed)	(7)	01643-31032	Washer	8	Loose-supply item (Separately packed)	(8)	04050-18045	Pin	1	Loose-supply item (Separately packed)
	Part No.	Part name	Q'ty	State of parts																																												
(1)	23W-P86-2890	Mirror	2	Loose-supply item (Separately packed)																																												
(2)	566-54-87820	Stay	1	Loose-supply item (Separately packed)																																												
(3)	566-54-87860	Stay	1	Loose-supply item (Separately packed)																																												
(4)	07283-52232	Seat	4	Loose-supply item (Separately packed)																																												
(5)	07283-32236	Clip	4	Loose-supply item (Separately packed)																																												
(6)	01597-01009	Nut	8	Loose-supply item (Separately packed)																																												
(7)	01643-31032	Washer	8	Loose-supply item (Separately packed)																																												
(8)	04050-18045	Pin	1	Loose-supply item (Separately packed)																																												
Precautions		Necessary tools		Necessary equipment																																												
		Name	Q'ty	Name	Q'ty																																											
		Other remarks																																														

Assembly process No.	Installing left side mudguard
0140	

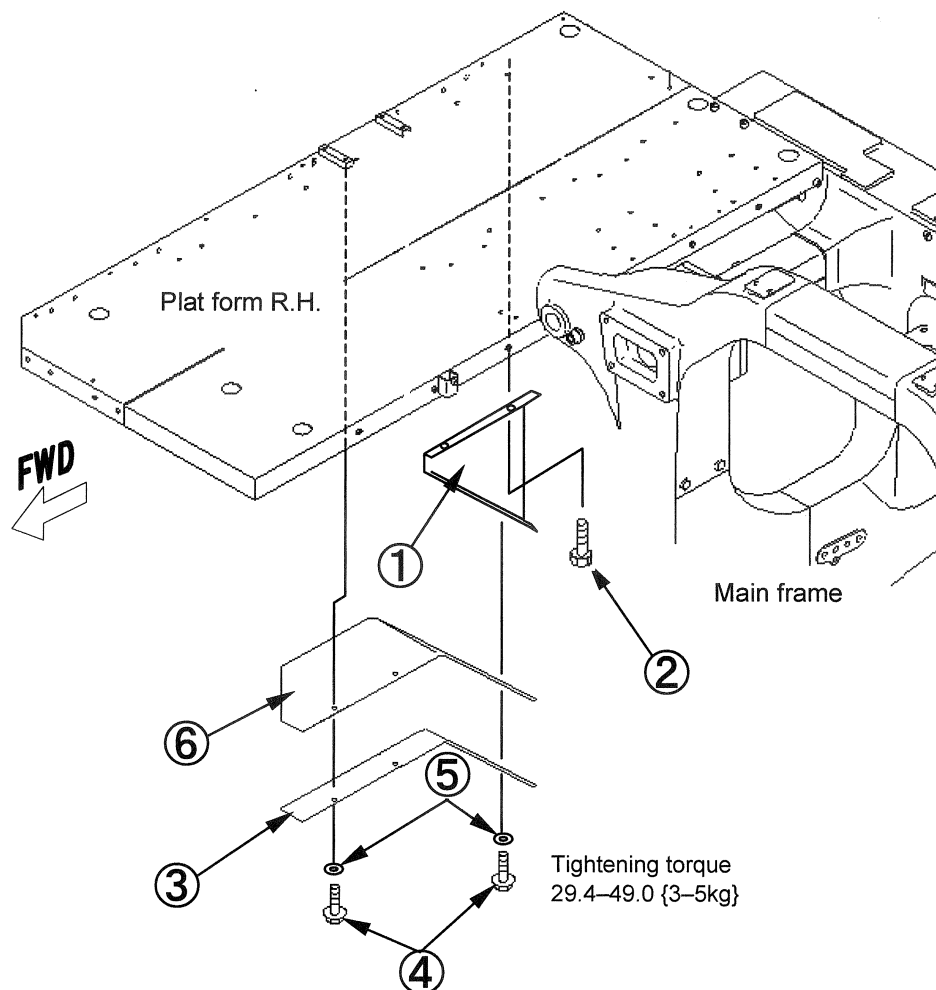


1. Remove (1) – (5) installed temporarily to the left platform.
2. Install left side mudguards (1) – (6) as shown above.

	Part No.	Part name	Q'ty	State of parts
(1)	283-54-11470	Plate	1	Temporarily installed to left platform
(2)	566-54-8A140	Bracket	1	Temporarily installed to left platform
(3)	01435-01220	Bolt	2	Temporarily installed to left platform
(4)	01435-01205	Bolt	3	Temporarily installed to left platform
(5)	417-43-16210	Washer	1	Temporarily installed to left platform
(6)	566-54-8A740	Guard	1	Loose-supply item (Packed separately)

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Other remarks				

Assembly process No.	Installing right side mudguard
0150	

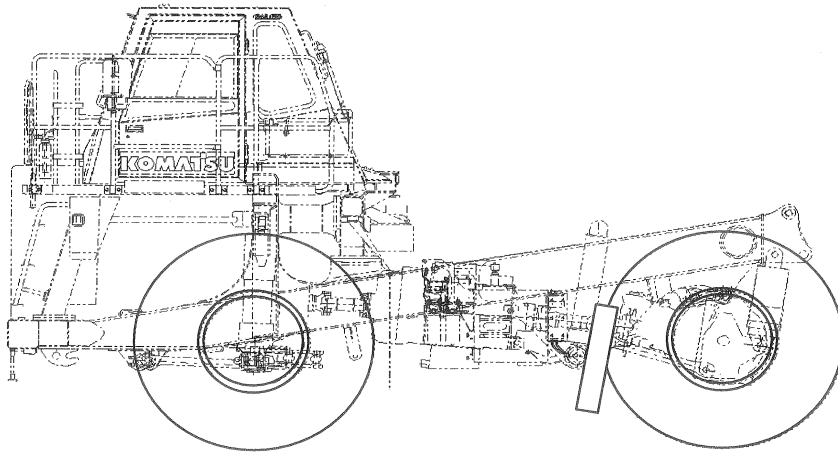


1. Remove (1) – (5) installed temporarily to the right platform.
2. Install right side mudguards (1) – (6) as shown above.

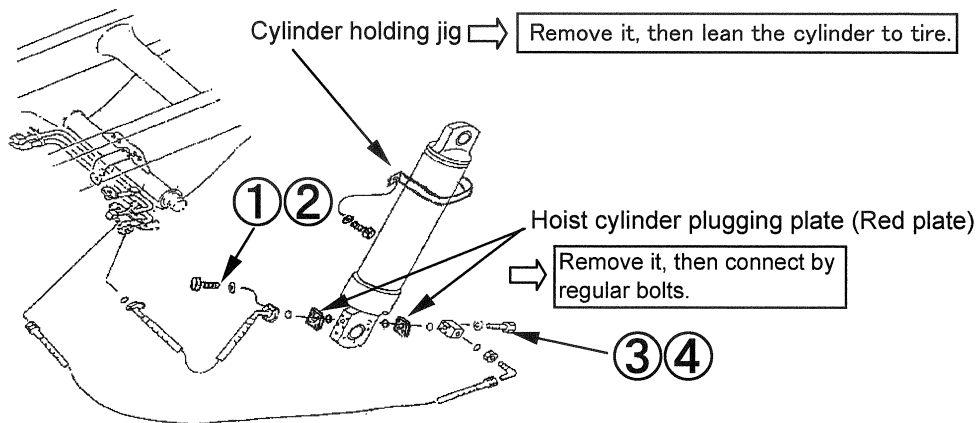
	Part No.	Part name	Q'ty	State of parts
(1)	566-54-81430	Bracket	1	Temporarily installed to right platform
(2)	01024-81040	Bolt	2	Temporarily installed to right platform
(3)	566-54-81380	Plate	1	Temporarily installed to right platform
(4)	01010-81230	Bolt	4	Temporarily installed to right platform
(5)	01643-31232	Washer	4	Temporarily installed to right platform
(6)	566-54-81391	Guard	1	Loose-supply item (Packed separately)

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Other remarks				

Assembly process No.	Preparation of installing body
0160	



1. Remove the hoist cylinder plugging plate and holding jig.



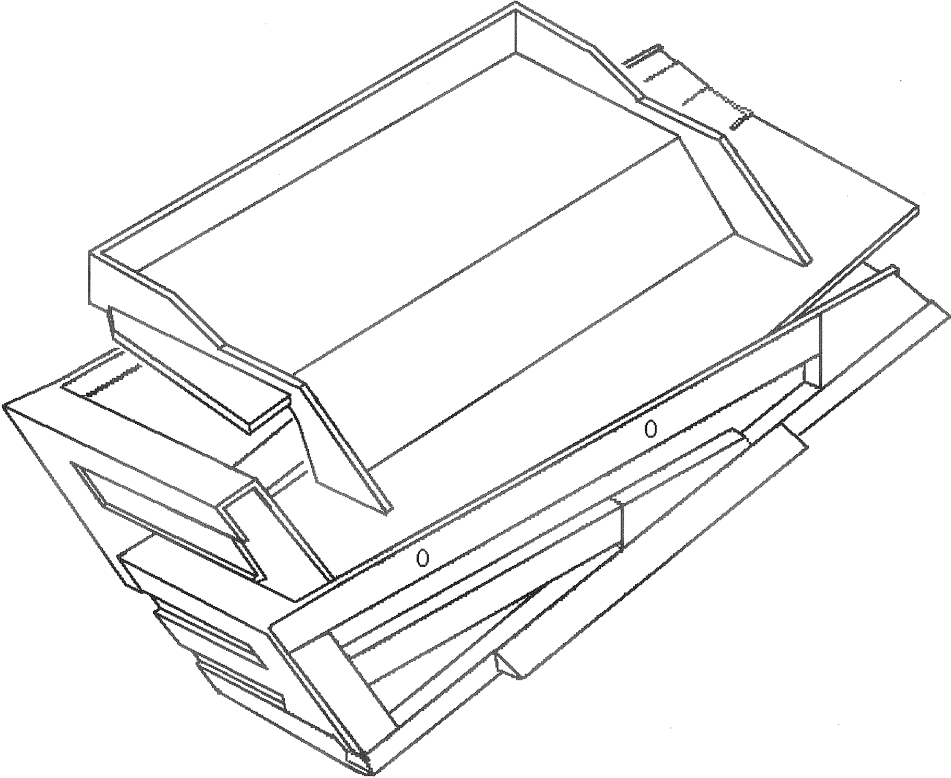
	Part No.	Part name	Q'ty	State of parts
(1)	01010-80830	Bolt	8	Loose-supply item (Packed separately)
(2)	01643-50823	Washer	8	Loose-supply item (Packed separately)
(3)	01010-80850	Bolt	8	Loose-supply item (Packed separately)
(4)	01643-50823	Washer	8	Loose-supply item (Packed separately)

Precautions

When starting the engine or moving the chassis before mounting the body, set the dump lever in the HOLD position (to prevent extension of the hoist cylinder).

When moving the chassis in reverse before mounting the body, see Procedure for adjusting dump sensor No. 0270.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
	Impact wrench	1	Compreser	1
	Socket 13 mm	1		
Other remarks				

Assembly process No. 0170		Welding body		
★ For detail of welding of the body, see the separate manual. 				
Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
	Other remarks			