

Field Assembly Instruction

DUMP TRUCK

GALEO

HD465-7R

HD605-7R

SERIAL NUMBERS HD465- 15001 and up
HD605- 15001

KOMATSU

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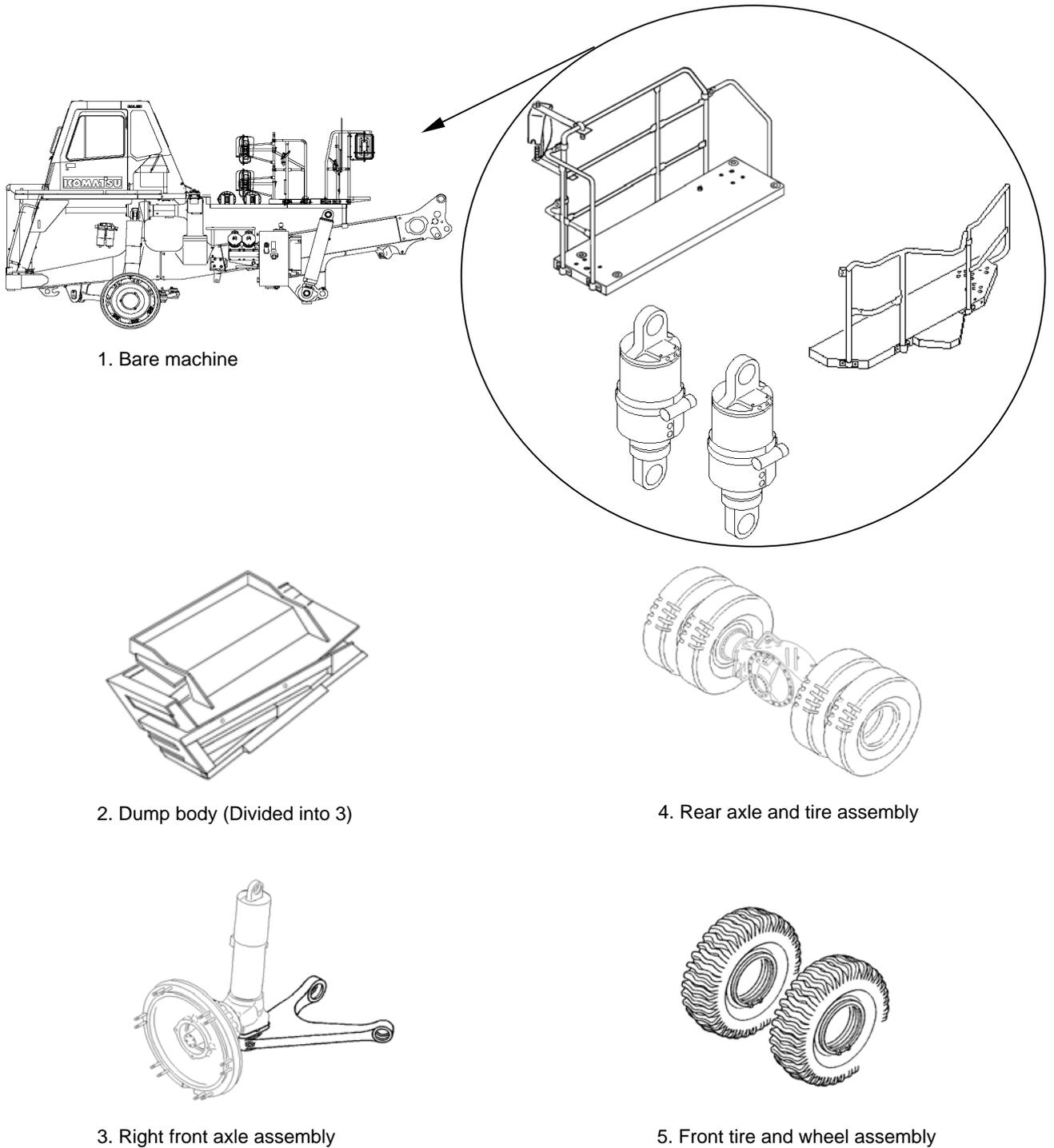
Appendix

Field assembly inspection report

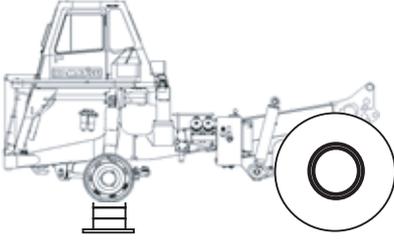
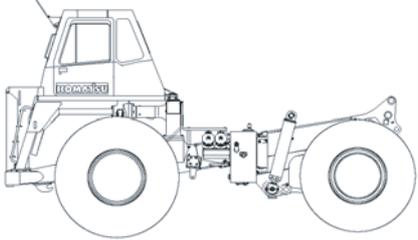
1. Major points changed from model 7

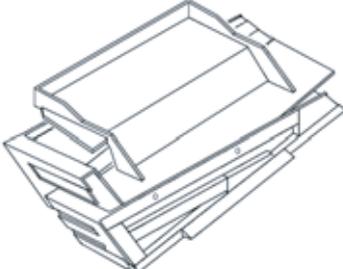
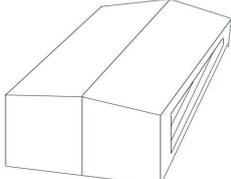
- Floor and cab are made as a unit (Those of present model are split type).
- Floating seal drain oil collecting reservoir is added.
- Number of oil filters is changed (from 2 to 3).
- Brake cooling valve is added.
- Limit switches are used for steering hoist hydraulic circuit.
- Circuit breakers are added to primary power supply system and engine controller power supply circuit.
- Engine heater relay is mounted on chassis.

2. Outline of division (Only main components)

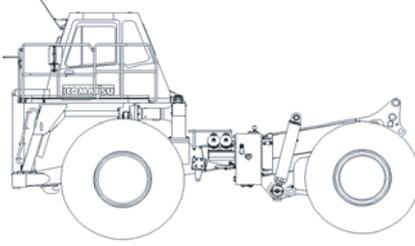
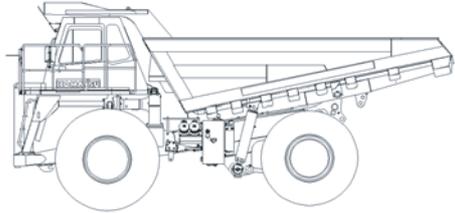


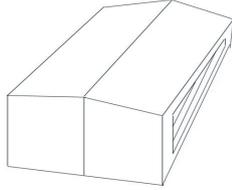
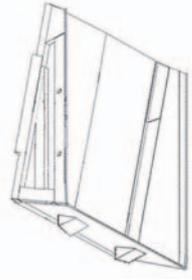
4-1. Rough schedule of assembly and welding

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

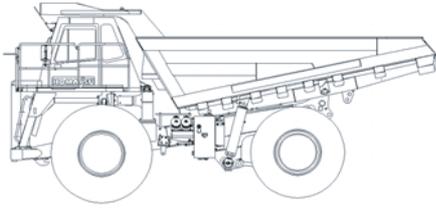
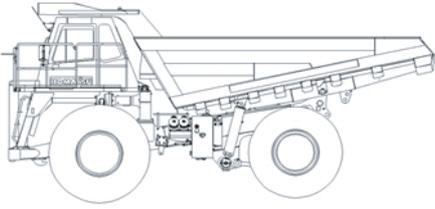
Day	1st day							
	Hour	1	2	3	4	5	6	7
Condition of body								
Contents of welding work	Unloading Removing stands, fixing material, etc.				Positioning and fixing split body Welding back side			
Crane	 245 kN {25 ton}		 245 kN {25 ton}					
Number of workers	3							

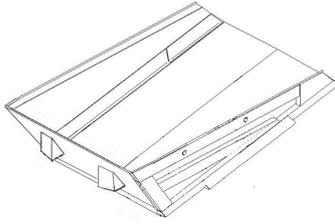
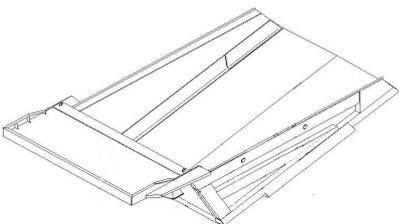
4-2. Rough schedule of assembly and welding

Day	2nd day							
	Hour	1	2	3	4	5	6	7
Condition of chassis								
Rough contents of assembly work	Installing platform Installing various exterior parts				Mounting body Adjusting shims Welding by actually positioning parts on machine			
Crane	 490 kN {50 ton} (98 kN {10 ton})				 490 kN {50 ton}			
Number of workers	2 							

Day	2nd day							
	Hour	1	2	3	4	5	6	7
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 							

4-3. Rough schedule of assembly and welding

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

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

5. 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	490 kN {50 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	Body hinge through pin	WJ-H46-74001-022	1	
22	Flame-resistant cloth	1 m × 10 m	1	Protection from welding by actually positioning parts on machine
23	Spacer	ATH-465-027	3	For welding exhaust flange by actually positioning it on machine
24	Nitrogen gas filler	7826-10-1000	1	
25	Nitrogen gas cylinder	14.7 MPa {150 kg/cm ² }	1	Filling suspension with nitrogen gas
26	Tire inflation pressure gauge	No. 2252	1	
27	Grease pump gun	For 20kg can	1	
28	Grease	GL-2	5 kg	
29	Stepladder	3-step	1	
30	Stepladder	6-step	1	
31	Vinyl sheet	5 m × 10 m	5	Protection of machinery and material
32	Wood block	300 mm square, 1 m long	12	
33	Oil can	5 ℓ	1	For supplying oil
34	Oil	See field assembly manual	–	See field assembly manual
35	Oil container, washing can		2	
36	Waste oil can	Drum	1	
37	Cloth		5 kg	
38	Fuel oil	ASTM D975 No.1 or No.2		For machine
39	Antifreeze		5 ℓ	For filling sub-tank (Change concentration, depending on district.)
40	Air hose	6 ø × 1 m	1	For bleeding air
41	Sanding machine for painting	914B	1	
42	Sandpaper for painting	#80	100	
43	Sandpaper for painting	#180	10	
44	Cup gun set	W87-20R2S	1	For painting
45	Brush		1	For touching up painted surface
46	Air compressor	3.5 m ³ /min, Min. 686 kPa {7 kg/cm ² }	1	
47	Air hose	With 12 ø adapter	5	For impact grinder

No.	Item	Specification	Q'ty	Location
48	Impact wrench	UW-13SK	2	
49	Impact wrench	KW-3800P	1	
50	Impact wrench	UW-9SK	2	
51	For extension impact 38S	150 mm long	1	
52	Socket	1 inch × 46 mm	1	For tightening tire
53	Socket	1 inch × 30 mm	1	For tightening support
54	Torque wrench	2800QL	1	For drive shaft and body pin
55	Torque wrench	21000QLE	1	For tightening tire
56	Steel measure tape	5 m	1	
57	Loctite	LT-2	1	
58	Vinyl tape		1	For binding wiring harness
59	Standard tools (For ISO)	700SX	2	
60	Bar	1 m	1	
61	Pointed steel bar		1	For matching holes
62	Sledgehammer	10 lb	1	
63	Shackle	BD10 for 4.9 kN {500 kg}	4	
64	Shackle	BC40 for 98 kN {10 ton}	4	For installing body
65	Chain	ATH-465-042	1	Multi-purpose type
66	Nylon sling	Width of 250 mm * 5 m	1	For installing right platform
67	Nylon sling	Width of 60 mm * 3 m	2	For installing support and small parts
68	Nylon sling	Width of 100 mm * 12 m	1	For installing front tire
69	Nylon sling	Width of 30 mm * 2 m	3	For installing front axle
70	Nylon sling	Width of 100 mm * 3 m	1	For installing front axle
71	Pin	60 ø * 250 mm	2	For slinging chassis on rear side (Safety pin can substitute)
72	Jig for slinging body	AHT-785-006	4	For installing body
73	Lever block	3/4 ton LB008	3	For installing front axle
74	Lever block	19.6 kN {2 ton} LB020	1	For installing front axle
75	Wire	7 m 28 ø	2	For slinging chassis
76	Wire	4 m 28 ø	2	For installing body
77	Wire	5 m 28 ø	2	For installing body
	The following 4 items can substitute for Nos. 75 – 77.			
		ATH-465-039	1	For installing body
		ATH-465-040	2	For slinging chassis
		ATH-465-041	1	For sling split body

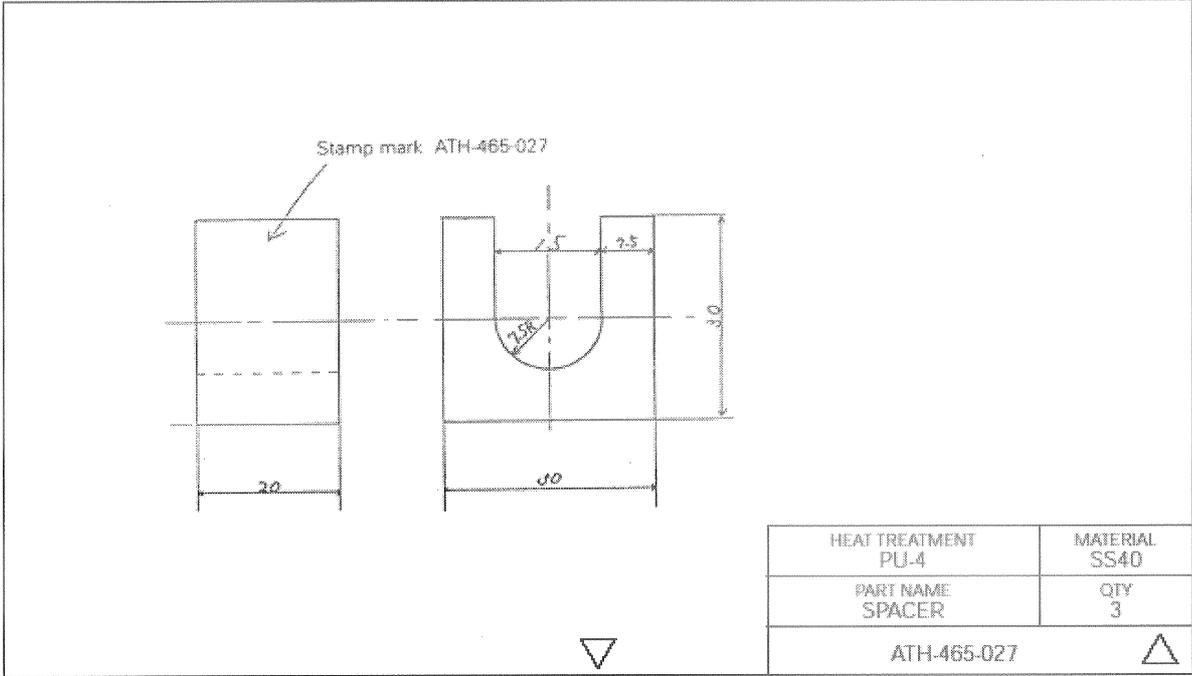
List of touch-up paints for export machine with body (Delivered from factory for Japanese market)

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

Assembly process No.	List of jigs, tools, and consumables

Exhaust pipe welding jig No.0400

When welding by actually positioning exhaust flange on machine



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

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
Engine oil pan	Engine oil	(Note.1)												Komatsu EOS0W30					
		(Note.1)												Komatsu EOS5W40					
		(Note.1)												Komatsu EO10W30DH					
		(Note.1)												Komatsu EO15W40DH					
Transmission Case	Power train oil (Note.2)	(Note.1)												TO10					
		(Note.1)												TO30					
Steering, hoist oil tank	Power train oil	(Note.1)												TO10					
Front suspension Rear suspension	Hydraulic oil	(Note.1)												HO-MVK					
Differential case Final drive case	Power train oil	(Note.1)												TO30					
		(Note.1)												TO50					
Grease fitting	Hyper grease (Note.3)	(Note.1)												G2-T, G2-TE					
	Lithium EP grease	(Note.1)												G2-LI					
Cooling system	Supercoolant AF-NAC (Note.4)	(Note.1)												AF-NAC					
Fuel tank	Diesel fuel	(Note.1)												ASTM Grade No.1-D S15 ASTM Grade No.1-D S500					
		(Note.1)												ASTM Grade No.2-D S15 ASTM Grade No.2-D S500					

• ASTM: American Society of Testing and Material

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
★ For details of the notes (e.g., Note. 1, Note. 2 ...) in the table, see the Operation and Maintenance Manual.				
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	86	80	—
Transmission case	Power train oil	318	215	60
Steering and hoist oil tank		180	122	100
Front suspension	Hydraulic oil	16.5 each on right and left sides	—	—
Rear suspension		11.3 each on right and left sides	—	—
Differential case	Power train oil	95	95	—
Final drive case		32 each on right and left sides	21 each on right and left sides	—
Fuel tank	Diesel fuel	780	—	—
Cooling system	Coolant	157	—	—

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

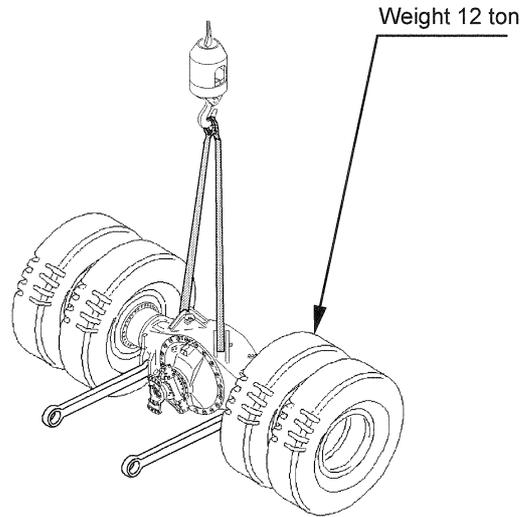
Do not steer the machine largely before adjusting the suspension (If it is steered largely, the piping may be damaged).

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

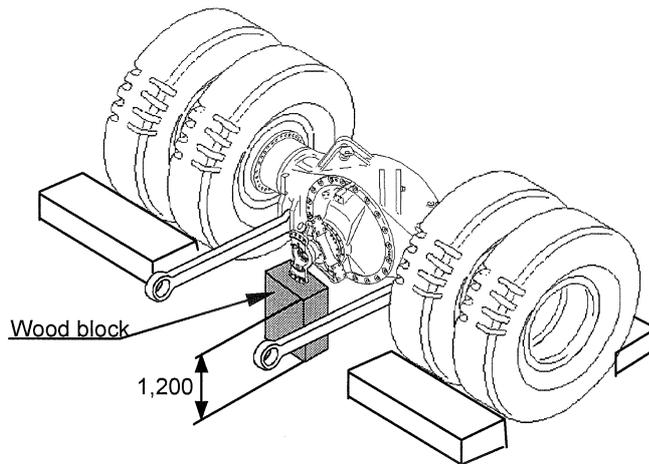
Assembly process No.

Positioning rear axle assembly

0030



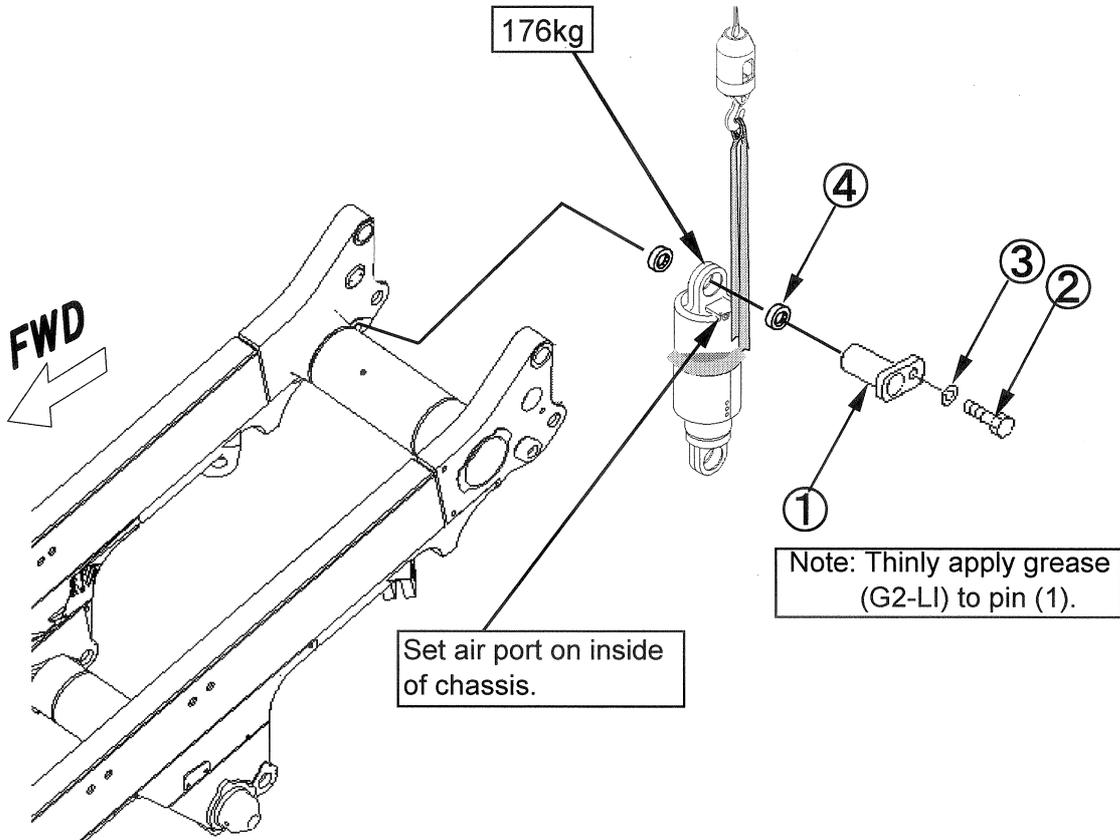
1. Sling the rear axle and tire assembly with 1,245 kN {25 ton} crane.
Hanging points: Rod mounting parts on differential.



2. Position the rear axle as shown above.
(Secure the clearance between the ground and coupling as shown above so that the rear axle assembly will be horizontal.)
When positioning the assembly on the ground, take proper measures so that the assembly will not sink and lean.
3. Secure the rear axle with chocks.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Secure the rear axle with chocks.				
Other remarks				

Assembly process No.	Installing rear suspension
0040	



	Part No.	Part name	Q'ty	State of parts
(1)	569-40-81550	Pin	2	Temporarily installed to frame
(2)	01010-81425	Bolt	2	Temporarily installed to frame
(3)	569-40-61710	Washer	2	Temporarily installed to frame
(4)	569-52-41950	Spacer	4	Temporarily installed to frame

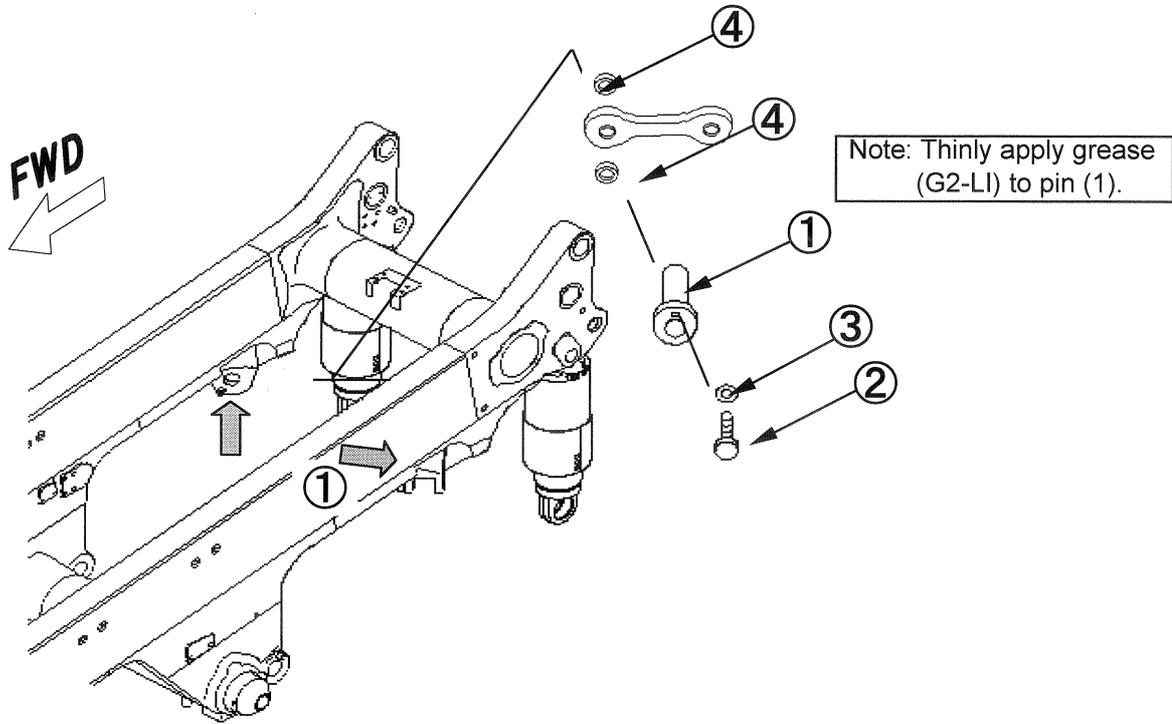
1. Sling the rear suspension and lower it to the fixing position of the rear axle.
2. Align the fixing hole of the rear suspension with those of the rear axle, insert the pin, and secure it with the bolt.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. Do not install the spacer forcibly. If it is installed so, it will be deformed. 2. When holding the spacer, take care not to catch your fingers in it.				
Other remarks				

Assembly process No.

Installing of axle rod (upper)

0050

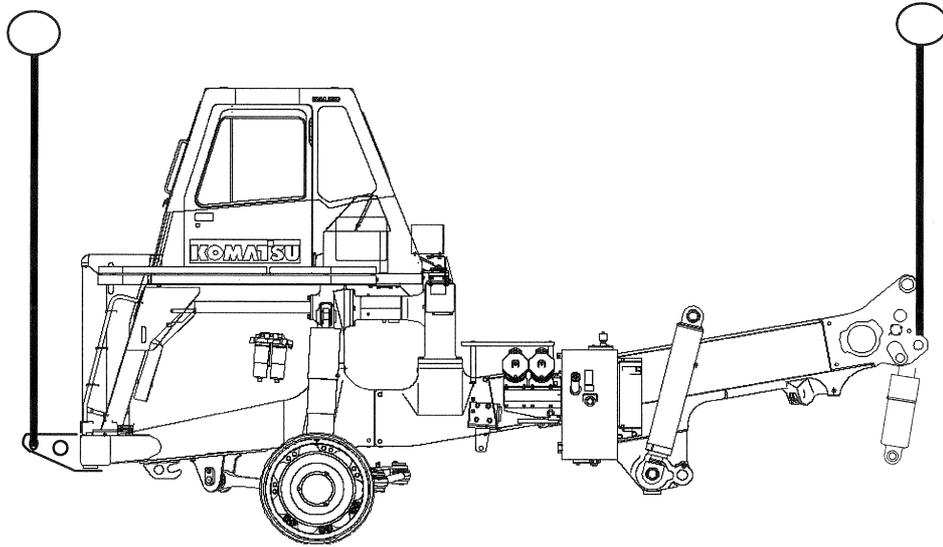


	Part No.	Part name	Q'ty	State of parts
(1)	569-40-81550	Pin	2	Temporarily installed to chassis
(2)	01010-81425	Bolt	2	Temporarily installed to chassis
(3)	569-40-61710	Washer	2	Temporarily installed to chassis
(4)	569-52-41950	Spacer	4	Temporarily installed to chassis

1. Remove the pins from the upper rod joint on the frame side ((1) – (4) in the figure).
2. When connecting, guide the crane and align the holes.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. If the spacers are installed forcibly, they are deformed. Take care. 2. When holding a spacer, take care not pinch your fingers. 3. Do not break the bellows by installing it forcibly.				
Other remarks				

Assembly process No.	Slinging bare machine
0060	



Weight of bare machine: 18,520 kg

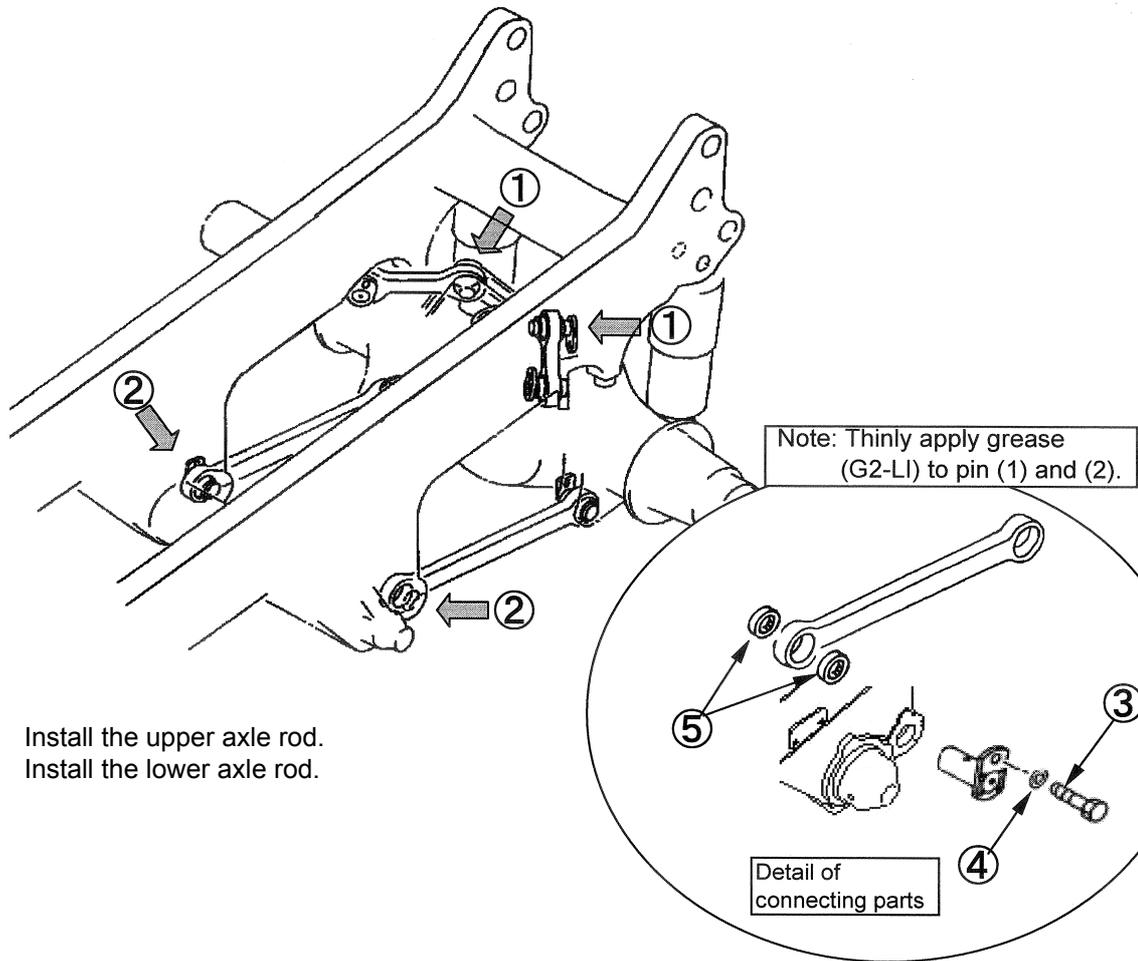
1. When slinging the chassis, apply cloths to protect it.
2. Sling the bare machine with 2 245 kN {25 ton} cranes.
 - Sling : Chain sling (ATH-465-040) or wires 28 mm in diameter
 - Front hanging point: Hanging bracket of bumper
 - Rear hanging point: Mounting part of body lock pin (Use pin 60 mm in 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
Other remarks				

Assembly process No.

Installing rear axle assembly (Connecting axle rods)

0070



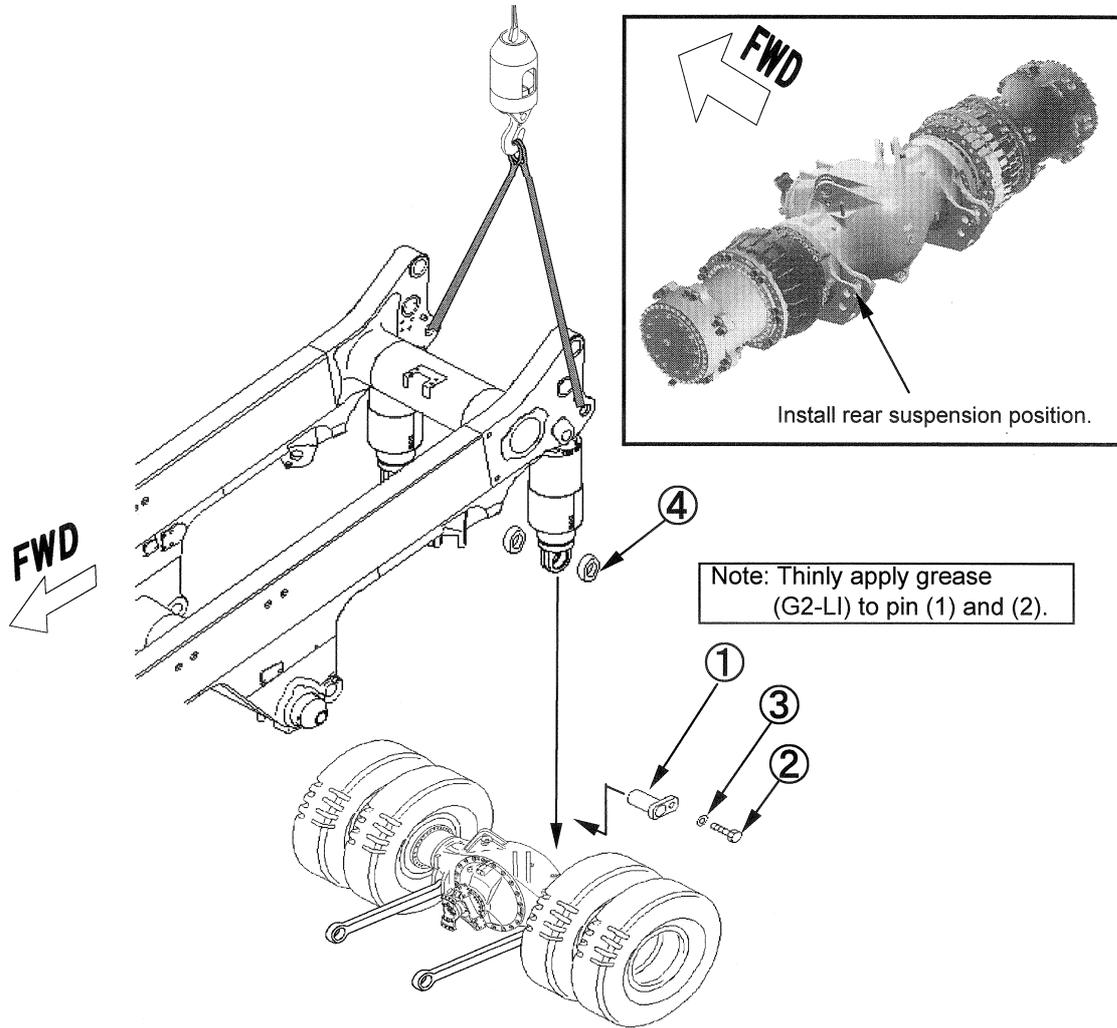
1. Install the upper axle rod.
2. Install the lower axle rod.

	Part No.	Part name	Q'ty	State of parts
(1)	569-40-81550	Pin	2	Temporarily installed to rear axle
(2)	569-52-81150	Pin	2	Temporarily installed to chassis
(3)	01010-81425	Bolt	4	Temporarily installed to rear axle and chassis
(4)	569-40-61710	Washer	4	Temporarily installed to rear axle and chassis
(5)	561-52-41950	Spacer	8	Temporarily installed to rear axle and chassis

1. Remove the pins from the upper rod connecting part on the axle side and the pins from the lower rod connecting part on the chassis side. ((1) – (5) in the figure)
2. Move the crane to match the pin holes and connect the axle rods.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. If the spacers are installed forcibly, they are deformed. Take care. 2. When holding a spacer, take care not pinch your fingers. 3. Do not break the bellows by installing it forcibly.				
Other remarks				

Assembly process No.	Connecting rear suspension
0080	



	Part No.	Part name	Q'ty	State of parts
(1)	569-40-81550	Pin	2	Temporarily installed to rear axle
(2)	01010-81425	Bolt	2	Temporarily installed to rear axle
(3)	569-40-61710	Washer	2	Temporarily installed to rear axle
(4)	569-52-41950	Spacer	4	Temporarily installed to rear axle

1. Guide the slung bare machine to above the rear axle.
2. Remove the pins ((1) – (4) in the figure) on the rear axle side.
3. While matching the rear suspension fixing hole, insert the pin and fix it with the bolt.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Fix the wheels with chocks to prevent the rear axle from moving.				
Other remarks				

Assembly process No.

Positioning bare machine

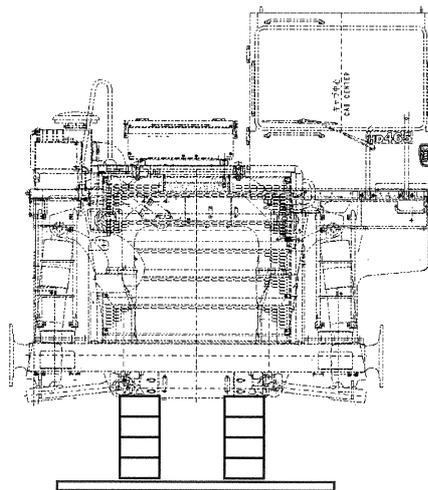
0090

Lay 2 lines of 4 wood blocks.
Position bare machine so that
front of chassis will be a little
higher than level line.
(For installation of front tires)

1,200

Wood blocks

Steel plate

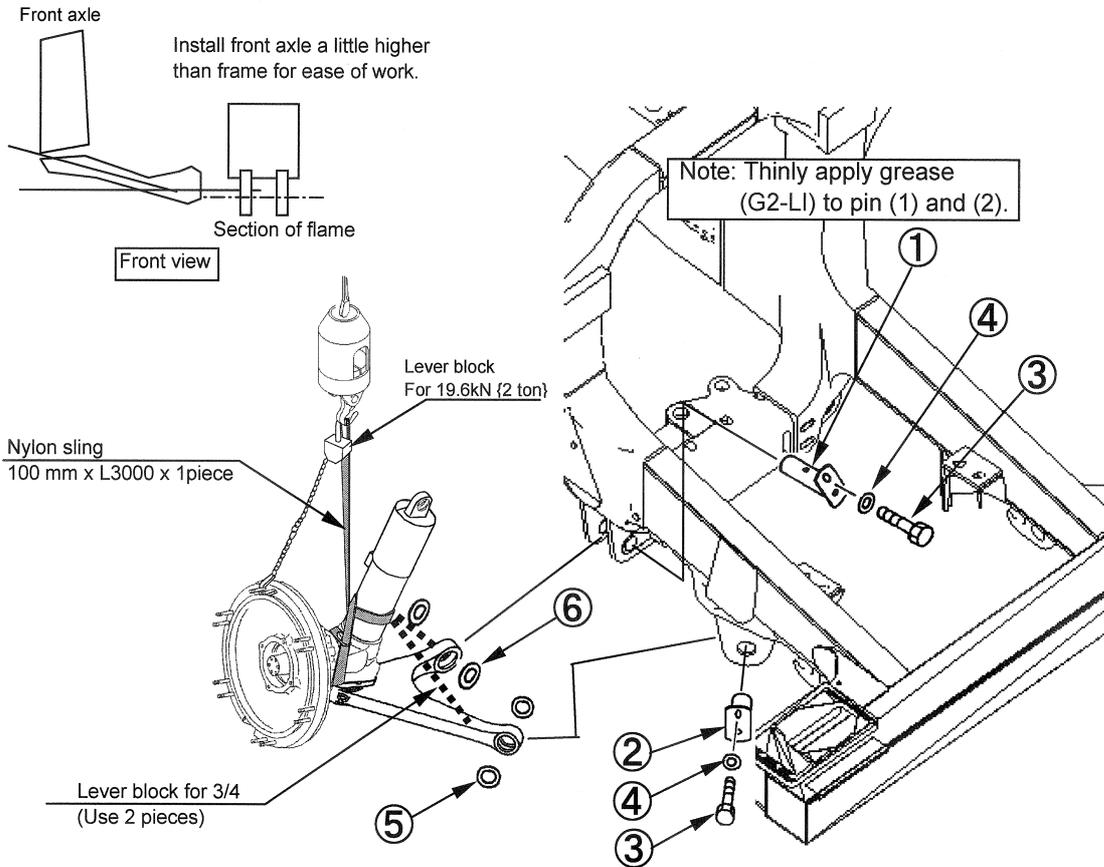


Detail of parts fixed with
wooden blocks (Frame
seen from front)

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.

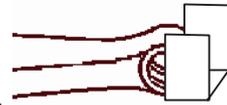
Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Take care that the chassis will not move. Set the bare machine to proper height so that you can install the front tires.				
Other remarks				

Assembly process No.	Installing right front axle (Connecting A-arm)
0100	



	Part No.	Part name	Q'ty	State of parts
(1)	569-40-81230	Pin	1	Temporarily installed to chassis
(2)	569-40-81550	Pin	1	Temporarily installed to chassis
(3)	01010-81425	Bolt	2	Temporarily installed to chassis
(4)	569-40-61710	Washer	2	Temporarily installed to chassis
(5)	569-52-41950	Spacer	2	Temporarily installed to chassis
(6)	569-40-61130	Spacer	2	Temporarily installed to chassis

1. Remove the pins and spacers installed to the chassis temporarily.
2. Before installing, clean the pin holes.
3. Match the mounting holes of the chassis and A-arm.
(Adjust them with lever blocks, etc.)
4. Install the spacers and pins and secure them with set bolts.
(You can work easily by bending a thin sheet and using it to hold each spacer.)



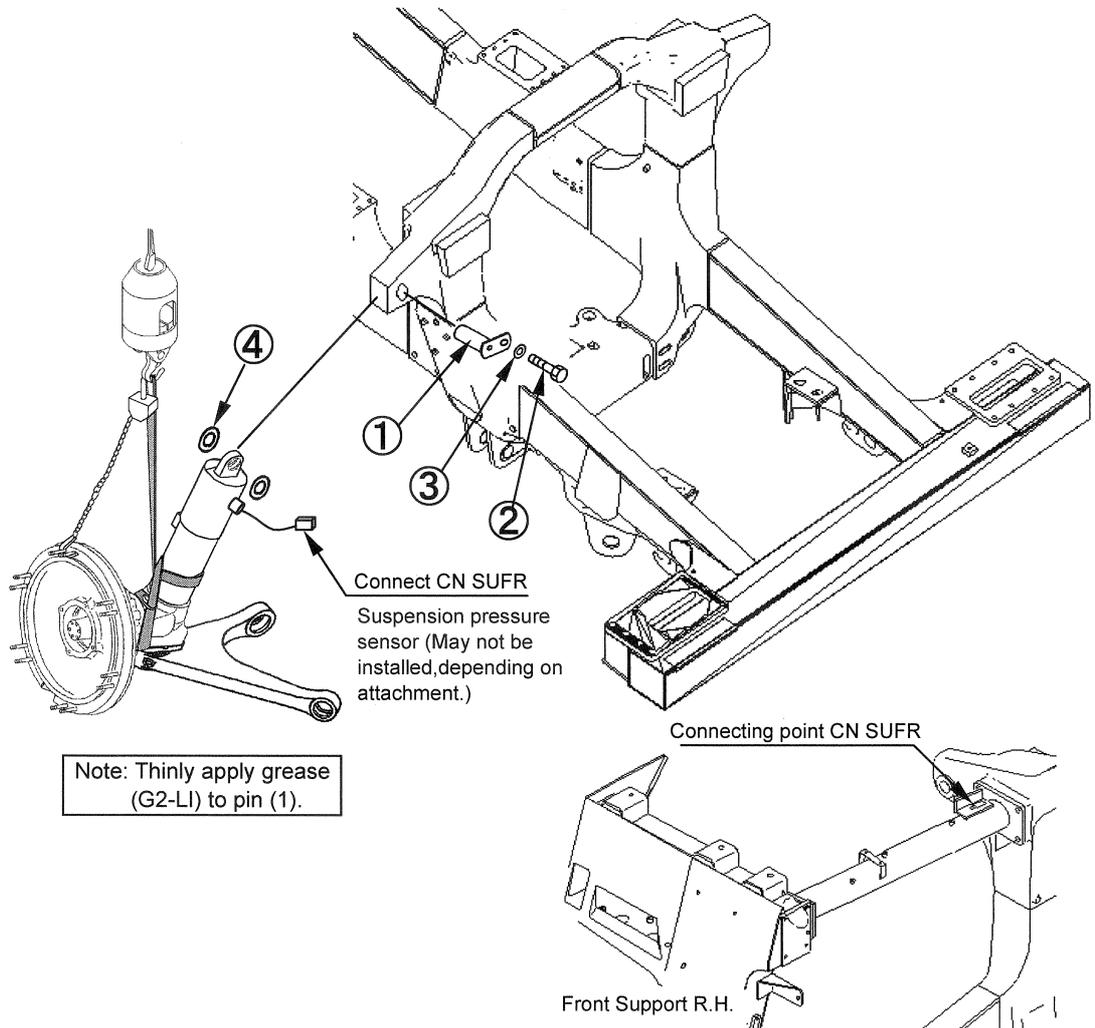
A-arm

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. Do not install the spacer forcibly. If it is installed so, it will be deformed. 2. When holding the spacer, take care not to catch your fingers in it.			Lever block (For 2 ton)	1
			Lever block (For 3/4 ton)	1
			Nylon sling (100 mm x L3,000)	1
Other remarks				

Assembly process No.

0110

**Installing right front axle
(Connecting suspension)**

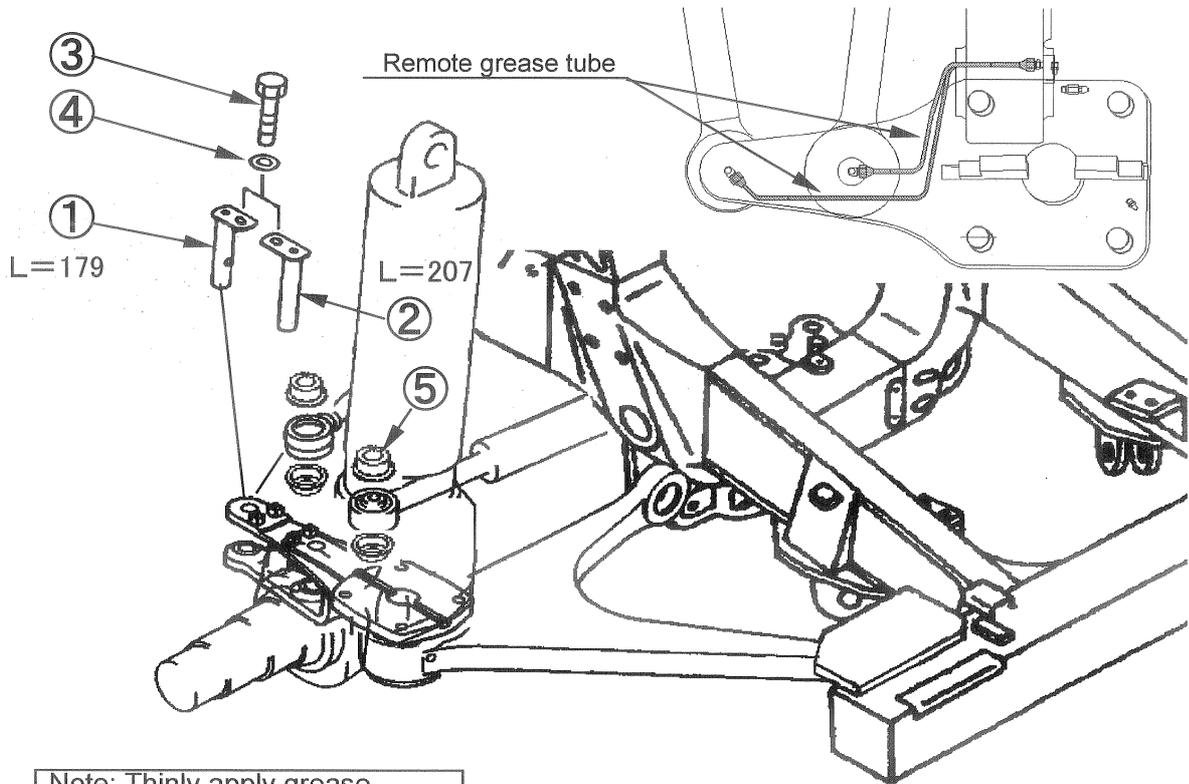


	Part No.	Part name	Q'ty	State of parts
(1)	569-40-81540	Pin	1	Temporarily installed to chassis
(2)	01010-81425	Bolt	1	Temporarily installed to chassis
(3)	569-40-61710	Washer	1	Temporarily installed to chassis
(4)	569-52-11120	Spacer	2	Temporarily installed to chassis

1. This figure shows the pins installed to the chassis.
2. When connecting each part, match the pin holes.
3. Install the spacers and pins and secure them with set bolts.
4. Connect the suspension pressure sensor (CN-SUFR) to the wiring harness on the chassis side (only when the attachment needs it).

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. Do not install the spacer forcibly. If it is installed so, it will be deformed. 2. When holding the spacer, take care not to catch your fingers in it.				
Other remarks				

Assembly process No.	Installing right front axle (Connecting steering cylinder and tie rod)
0120	



Note: Thinly apply grease (G2-LI) to pin (1) and (2).

	Part No.	Part name	Q'ty	State of parts
(1)	569-40-81240	Pin	1	Temporarily installed to front axle
(2)	569-40-81530	Pin	1	Temporarily installed to front axle
(3)	01010-81425	Bolt	2	Temporarily installed to front axle
(4)	569-40-61710	Washer	2	Temporarily installed to front axle
(5)	569-40-61660	Boot	4	Temporarily installed to front axle

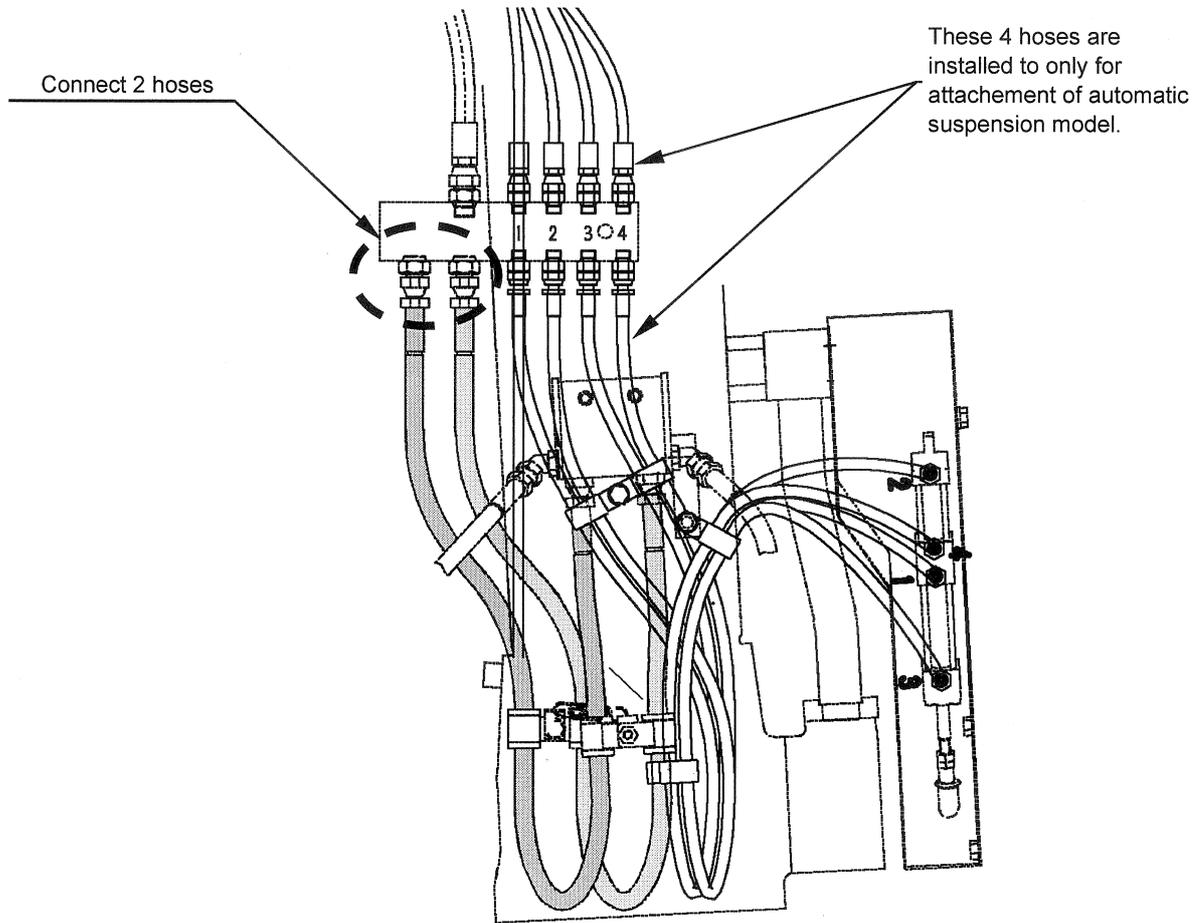
1. Remove the pin side of the remote grease tube, and then remove the pins.
2. Adjust the axle so that the steering cylinder and tie rod will be in parallel with the axle lever.
3. Put boot (5), adjust the pin holes, and install the pin.
4. Fix the pin with the set bolt.
5. Connect the remote grease tube again.
6. After connecting, supply grease. (See No.0510.)

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. Check that the O-rings are fitted to the steering cylinder and tie rod spherical bushing. 2. Note that the lengths of the pins are different from one another.				
Other remarks				

Assembly process No.

0130

Installing right front axle (Connecting brake hose)

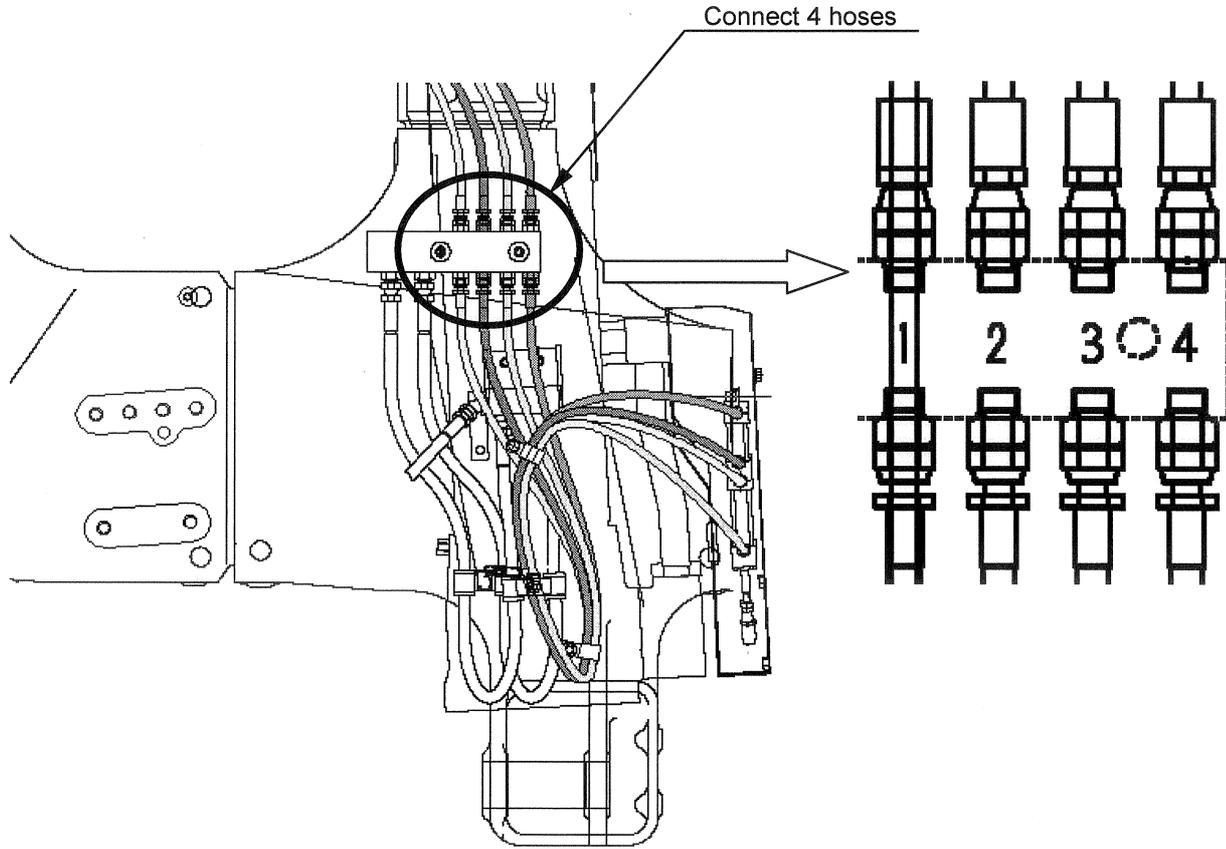


1. Remove the blind plug from the tip of the drain hose removed from the chassis.
2. Check the hose number and the block number, then assemble.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Check that there is no mistake in the hose number and the block number, then assemble.				
Other remarks				

Assembly process No.	Installing right front axle (Connecting piping for automatic suspension)
0140	

Note: Perform the following work for only the attachment of automatic suspension model.



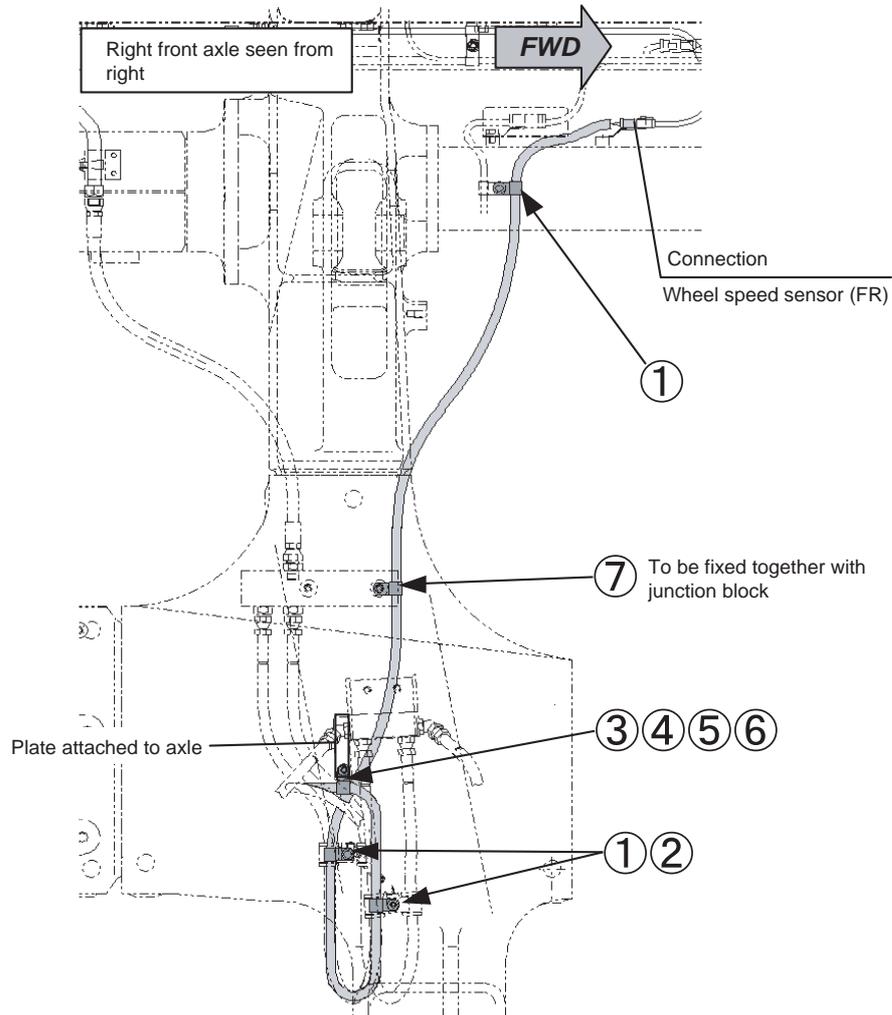
1. Remove the blind plug from the tip of the drain hose removed from the chassis.
2. Check the hose number and the block number, then assemble.

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Check that there is no mistake in the hose number and the block number, then assemble.				
Other remarks				

Assembly process No.

0145

Connection and fixing of right front axle wiring harness (ABS specification)

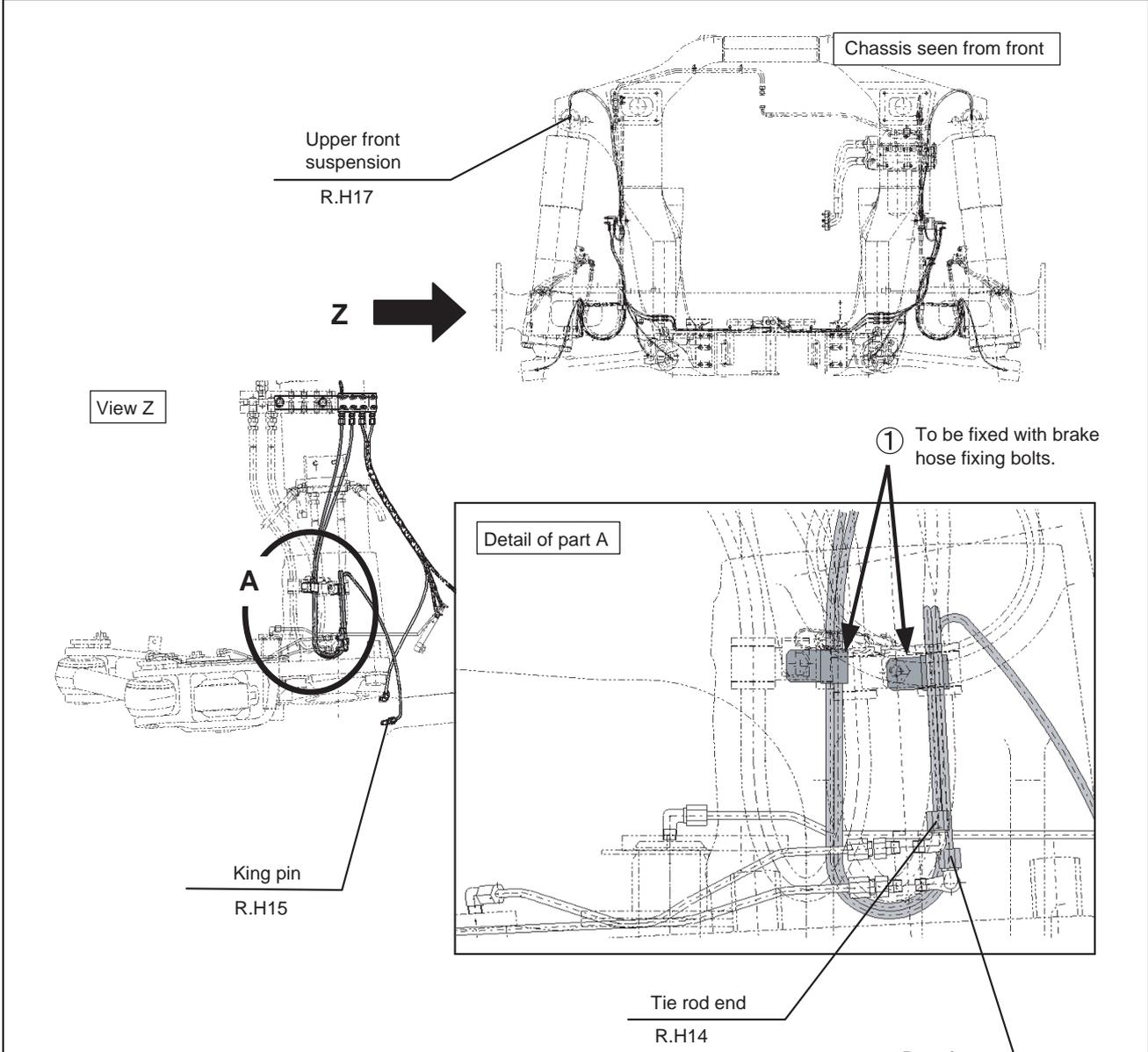


1. Remove the clips installed temporarily and fix the wheel speed sensor wiring harness as shown in the above figure.
2. Connect the wiring harness.

	Part No.	Part name	Q'ty	State of part (Parts list No.)
(1)	04434-51510	Clip	3	Separately packed (H4E-06-150)
(2)	01024-81030	Bolt	2	Separately packed (H4E-06-150)
(3)	04434-51510	Clip	1	Separately packed (H4E-06-150)
(4)	01024-81025	Bolt	1	Separately packed (H4E-06-150)
(5)	01580-11008	Nut	1	Separately packed (H4E-06-150)
(6)	01643-31032	Washer	1	Separately packed (H4E-06-150)
(7)	04434-51512	Clip	1	Separately packed (H4E-06-150)

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

Assembly process No.	Connection and fixing of right front centralized lubrication hoses [4-point greasing specification]
0146	



1. Connect the hoses coming out of the right front centralized grease block.
2. Fix the lubrication hoses with clips (1).

	Part No.	Part name	Q'ty	State of part (Parts list No.)
(1)	04434-51812	Clip	2	Separately packed (H4E-05-400)

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

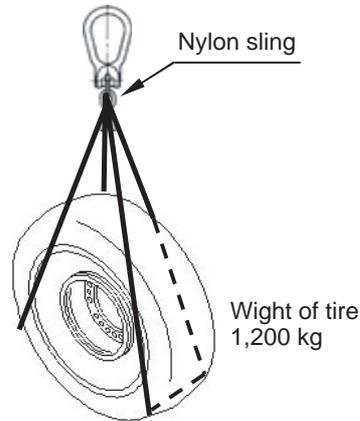
Assembly process No.

Installing tire and wheel assembly

0150

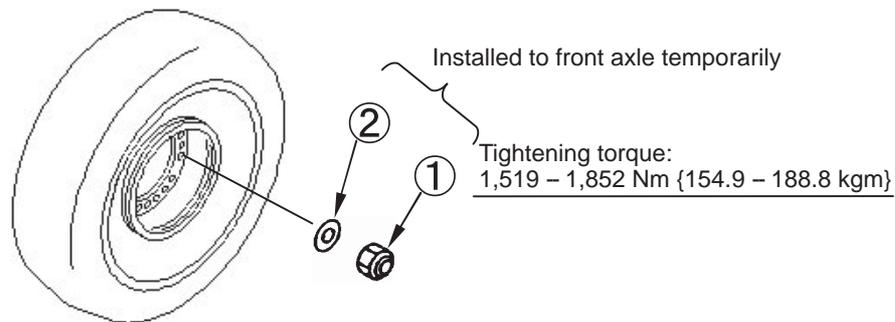
Installing 2 front tires to right and left

<How to sling tire and wheel assembly>



Hitch sling to tire tread.

<Image of mounting tire>



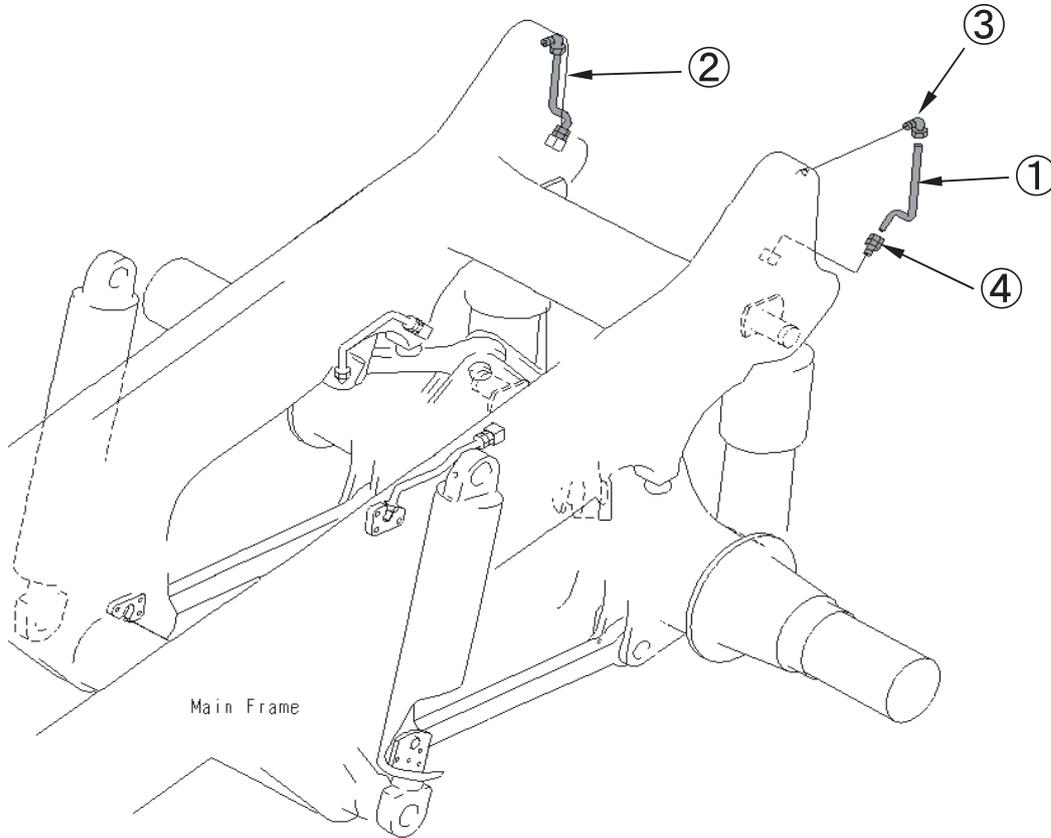
	Part No.	Part name	Q'ty	State of parts
(1)	569-22-72870	Nut	28	Temporarily installed to front axle
(2)	426-09-11520	Washer	28	Temporarily installed to front axle

1. Remove the nuts and washers installed to the front axle temporarily.
2. Install the tire with the forklift and then install the nuts and washers.
 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.
3. Tighten the nuts with the impact wrench temporarily.
4. Lift up the front part of the chassis with the crane and remove the wood blocks.
5. Tighten the tire mounting nuts with the torque wrench.
 (Tightening torque: 1,519 – 1,852 Nm {154.9 – 188.8 kgm})
6. Touch up the tightened parts (to prevent rusting).
 (Use the yellow paint used for the body.)

Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
1. When carrying the tire, take care that it will not fall. 2. When positioning the tire, take care not to damage the air valve.	Torque wrench QLE21000	1		
Other remarks				

Assembly process No.	Installing body hinge grease tube
0160	

Install the connectors and elbows, and then install the lubrication tubes.



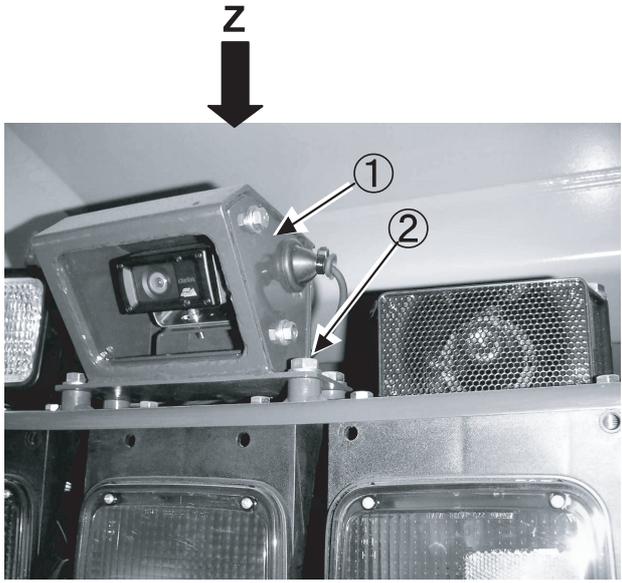
	Part No.	Part name	Q'ty	State of parts
(1)	569-52-62612	Tube	1	Loose-supply item (Packed separately)
(2)	569-52-62622	Tube	1	Loose-supply item (Packed separately)
(3)	421-09-12540	Elbow	2	Loose-supply item (Packed separately)
(4)	423-09-12110	Connector	2	Loose-supply item (Packed separately)

1. After installing the grease tube, supply grease around the rear axle. (See No.0530.)

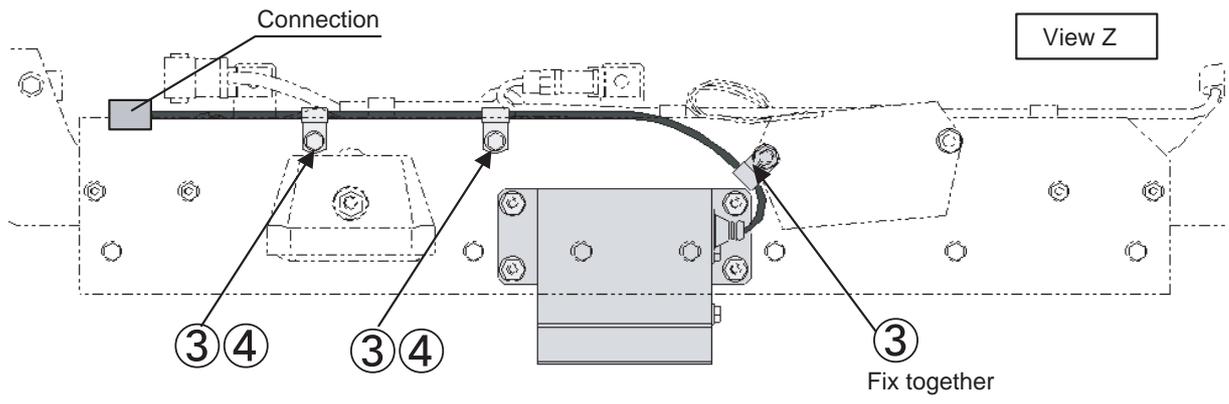
Precautions	Necessary tools		Necessary equipment	
	Name	Q'ty	Name	Q'ty
Other remarks				

Assembly process No.
0165

Installation of rear monitor



1. Remove bolts (2), clips (3) and bolts (4) installed 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 part (Parts list No.)
(1)	561-86-8310A	Rear monitor assembly	1	Separately packed (H4E-06-140)
(2)	01024-81020	Bolt	4	Temporarily installed to rear lamp assembly.
(3)	04434-50610	Clip	3	Temporarily installed to rear lamp assembly.
(4)	01024-81016	Bolt	2	Temporarily installed to rear lamp assembly.

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