

# Field Assembly Instruction

DUMP TRUCK

***HD465-8E0***  
***HD605-8E0***

SERIAL NUMBERS    HD465-35001    and up  
                                 HD605-35001

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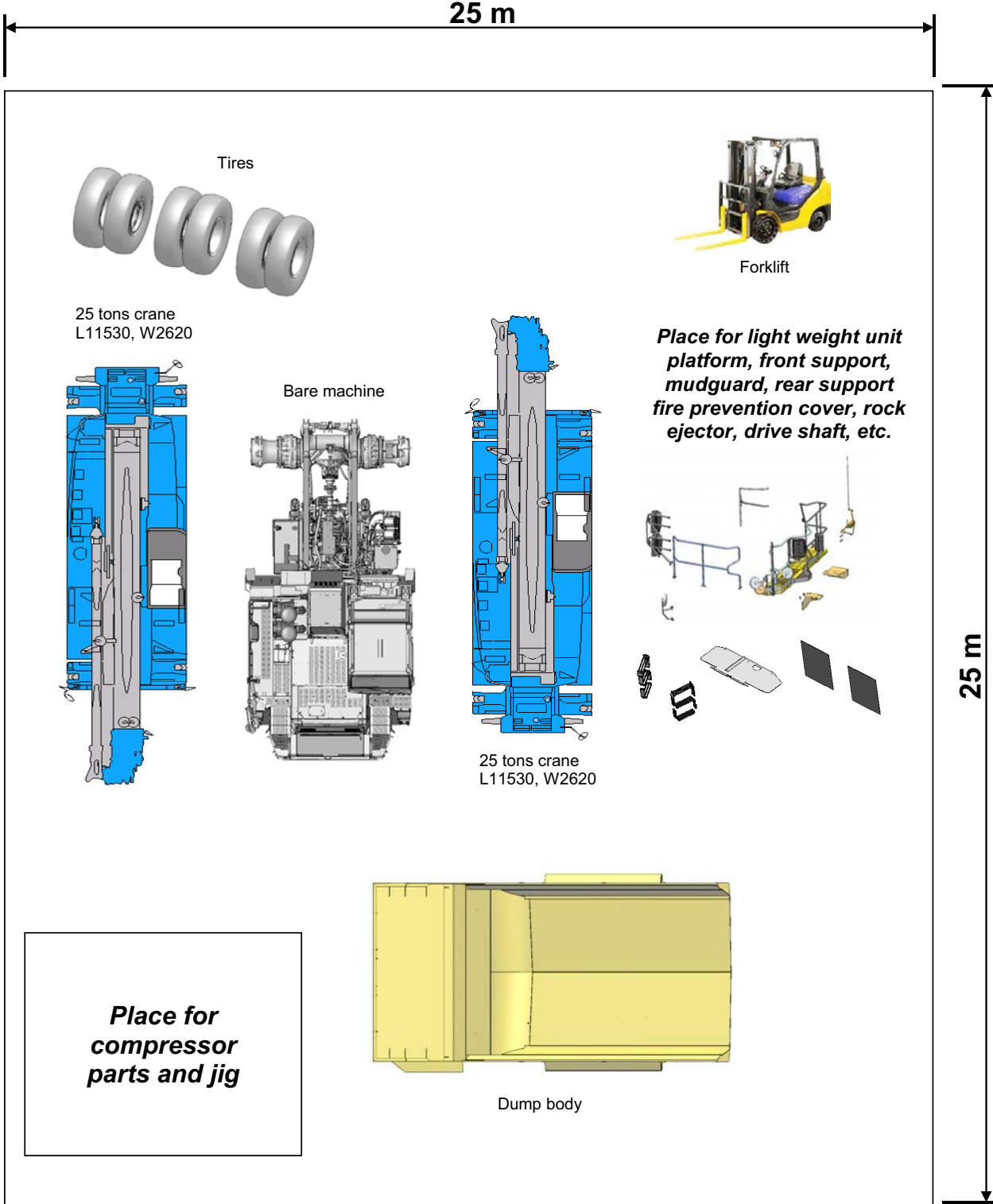
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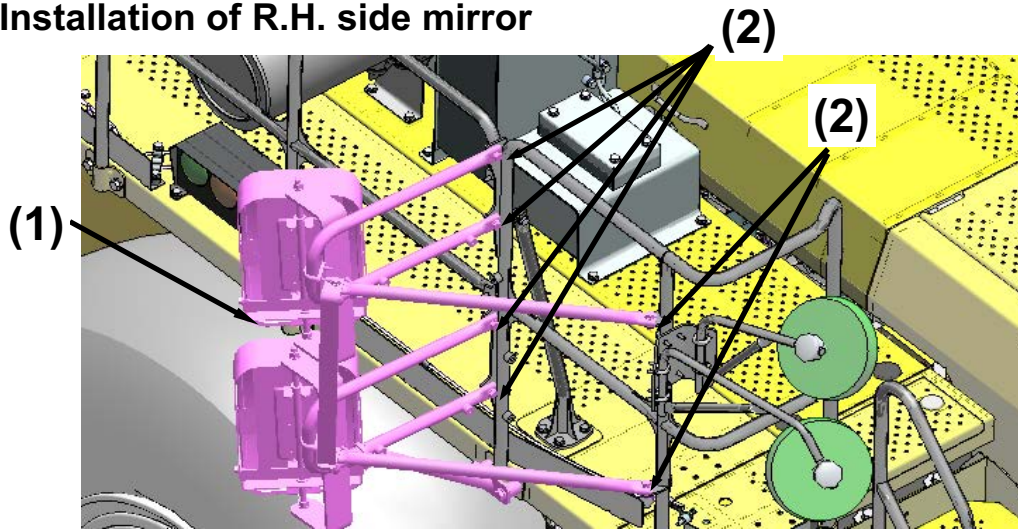
Layout of work space, Sales code: 7HC62

(The larger the work space, the better the workability.  
Work space of at least 25 m x 25 m as shown in the figure below is required.)

Caution: For work space, select a level place where no puddle is formed.



**Installation of R.H. side mirror**



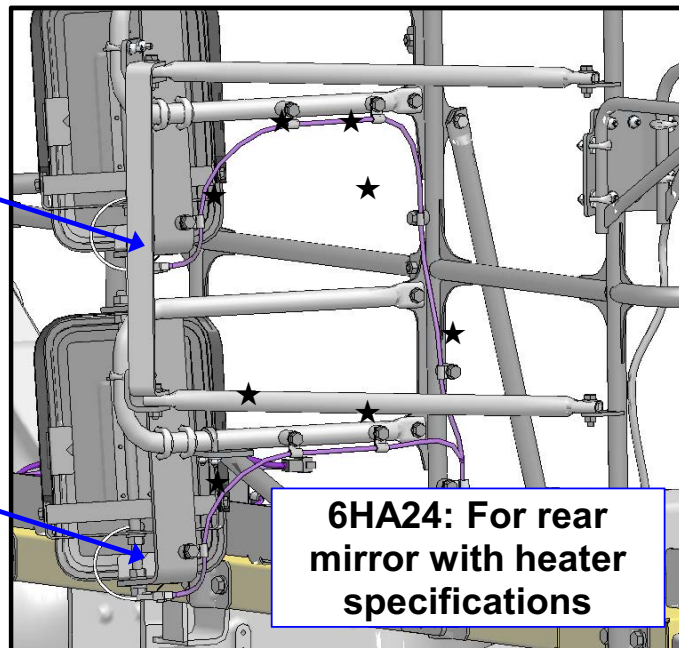
1. Remove the mounting bolts from the handrail, and install the mirror assembly.

	Part No.	Part name	Q'ty	State of parts
(1)	56D8632311	MIRROR, BACK A	1	Shipping as a single part (S16840-F9)
(2)	01024D1245	BOLT, SEMS	6	Install loosely to handrail (S16840-F9)

2. Wire the mirror harness by using the mirror stay installation clip.  
(★= 8 places)

Connection  
CN-HMR2  
HEAT MIRROR

Connection  
CN-HMR1  
HEAT MIRROR



**Precautions**

For the mirrors with heater specifications, connect by referring to the drawing.

**Special tools**

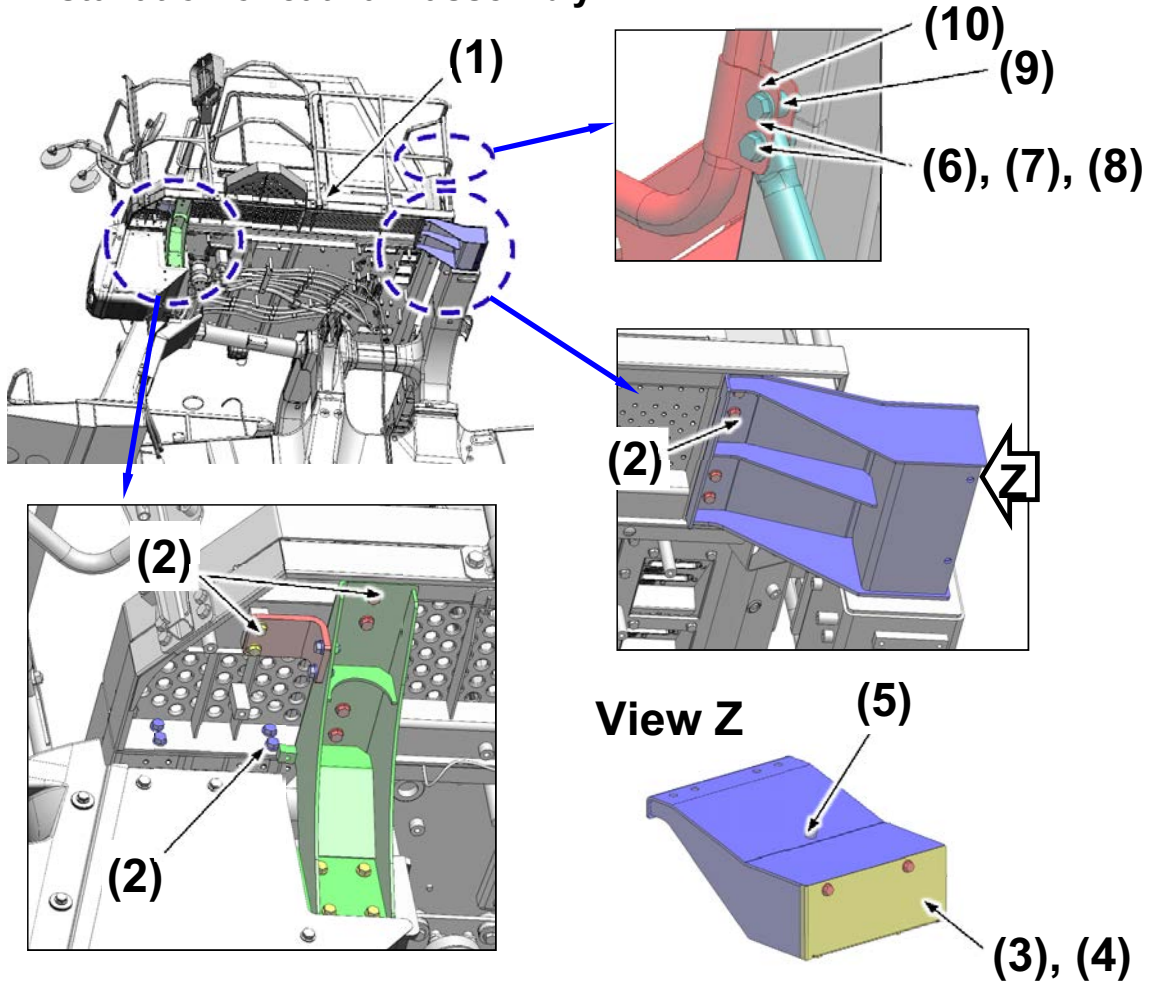
Name	Q'ty
Impact wrench	1
Socket (19 mm)	1

**Facility to be used**

Name	Q'ty
Crane 25 tons	1

Others

**Installation of catwalk assembly**

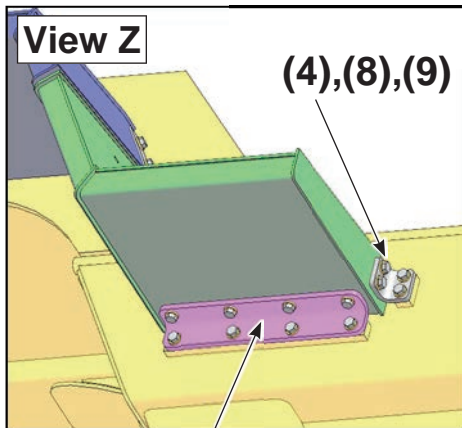
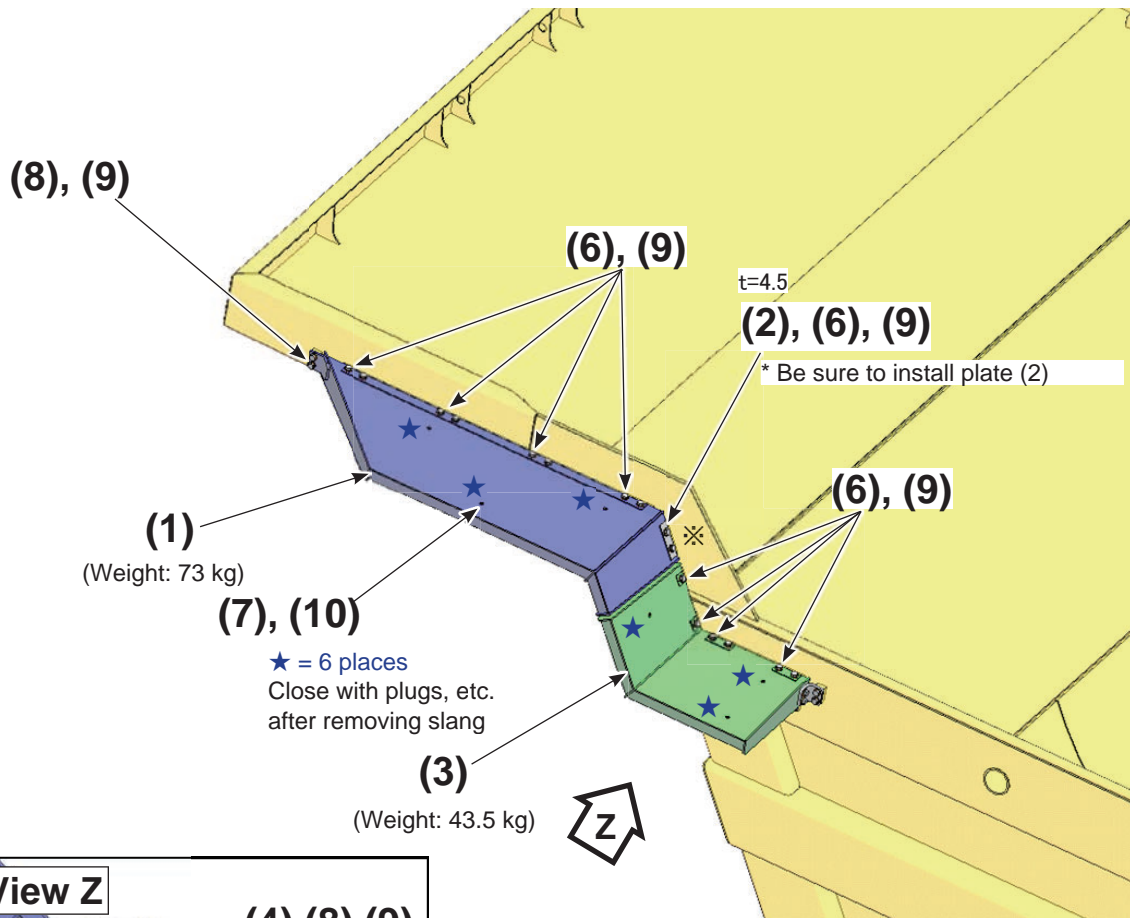


1. Install the catwalk assembly.

	Part No.	Part name	Q'ty	State of parts
(1)	X252643360	STEP SUB ASSY G.	1	Shipping as a single part (S16360-F9)
(2)	0102481230	BOLT, SEMS	14	Shipping as a single part (H48-K3100-1)
(3)	569548N281XC	COVER	1	Shipping as a single part (H48-K3100-1)
(4)	0102481230	BOLT, SEMS	4	Shipping as a single part (H48-K3100-1)
(5)	0102481220	BOLT, SEMS	1	Shipping as a single part (H48-K3100-1)
(6)	01024D1245	BOLT, SEMS	2	Shipping as a single part (L18521-F9)
(7)	0164331232	WASHER	2	Shipping as a single part (L18521-F9)
(8)	0158011210	NUT	2	Shipping as a single part (L18521-F9)
(9)	6143115630	SPACER	1	Shipping as a single part (L18521-F9)
(10)	5615486990XC	CLAMP	1	Shipping as a single part (L18521-F9)

**Precautions**

Special tools		Facility to be used	
Name	Q'ty	Name	Q'ty
Impact wrench	1	Crane 25 tons	1
Socket (19 mm)	1		
Others			



(5), (8), (9)

(4),(8),(9)

(1)  
(Weight: 73 kg)

(7), (10)

★ = 6 places  
Close with plugs, etc.  
after removing slang

(3)  
(Weight: 43.5 kg)



t=4.5

(2), (6), (9)

\* Be sure to install plate (2)

(6), (9)

	Part No.	Part name	Q'ty	State of parts
(1)	569-83-8M312NK	GUARD FRONT	1	Unit shipment
(2)	569-83-8MM50NK	PLATE	1	Unit shipment
(3)	569-83-8M322NK	GUARD	1	Unit shipment
(4)	569-83-8MM10NK	PLATE	1	Unit shipment
(5)	569-83-8ML70NK	GUARD REAR	1	Unit shipment
(6)	01010-81440	BOLT	16	Unit shipment
(7)	01010-81625	BOLT	6	Unit shipment
(8)	01010-81435	BOLT	14	Unit shipment
(9)	01643-31445	WASHER	30	Unit shipment
(10)	01643-31645	WASHER	6	Unit shipment

Precautions

When the sales cord is 7HC20, guard is installed at the factory.

Special tools

Name

Q'ty

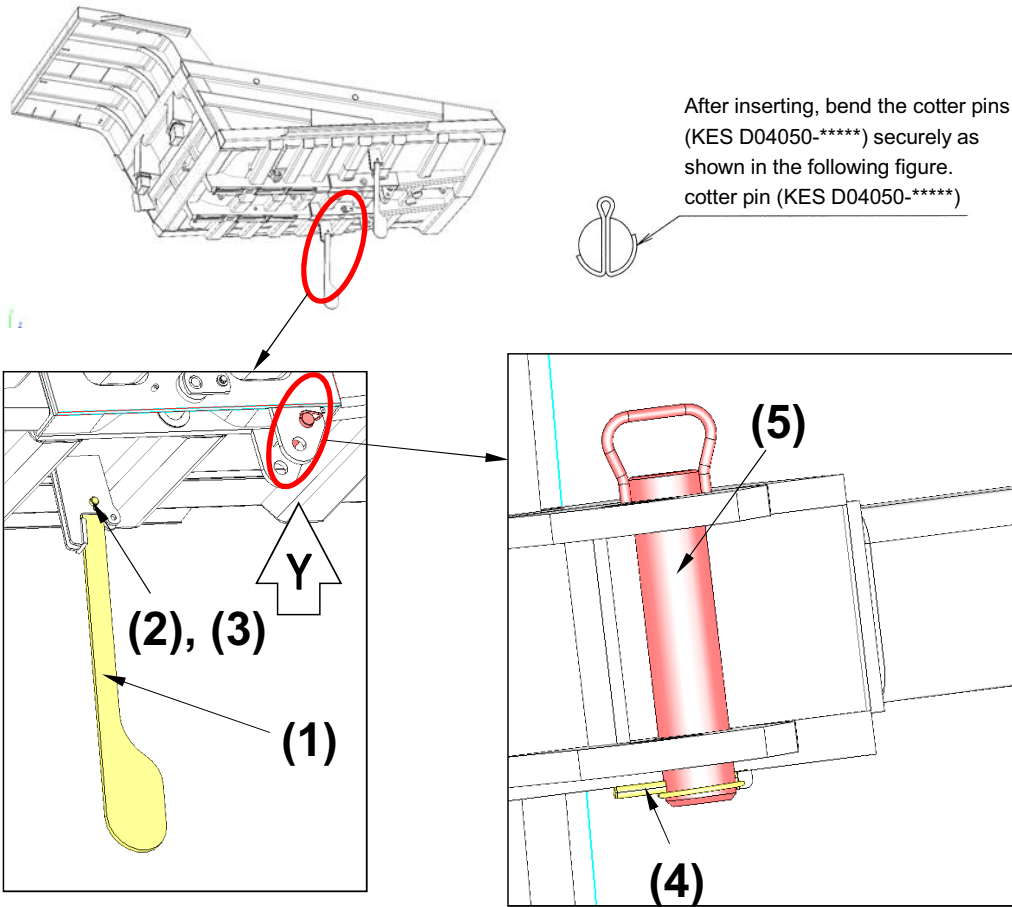
Facility to be used

Name

Q'ty

Others

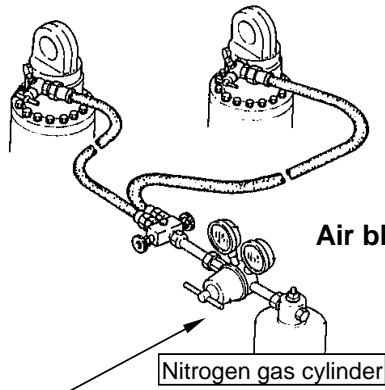
**Installation of dump body rock ejector and lock pin**



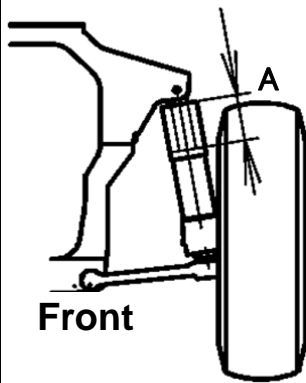
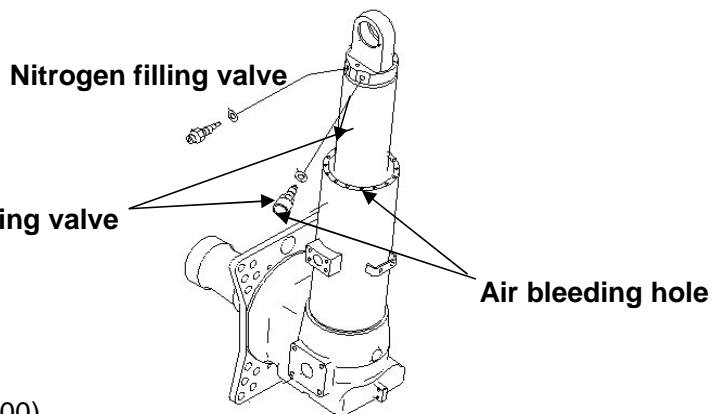
**\* The process is the same for right and left**

	Part No.	Part name	Q'ty	State of parts
(1)	5697481622NK	BAR	2	Shipping as a single part (X50040-F9)
(2)	5817411360	PIN	2	Shipping as a single part (X50040-F9)
(3)	0405018055	PIN	2	Shipping as a single part (X50040-F9)
(4)	5697461470	LINCH PIN	2	Shipping as a single part (X50040-F9)
(5)	5697461670	PIN	2	Shipping as a single part (X50040-F9)

Precautions	Special tools		Facility to be used	
	Name	Q'ty	Name	Q'ty
	Impact wrench			
	Socket			
	Pliers			
Others				

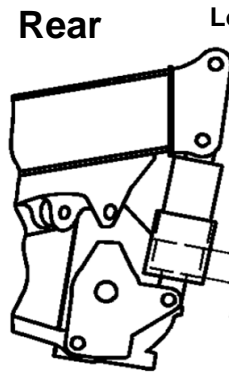
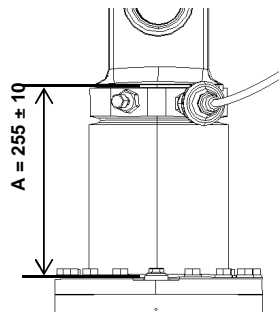


Suspension gas filling tool (7926-10-1000)



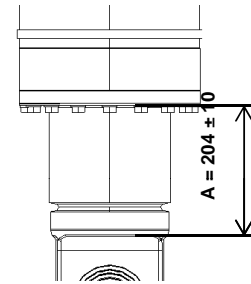
**Front**

Dimension A =  $255 \pm 10$   
Oil amount (reference)  
HO-MVK 21.8 L



**Rear**

**Location of air bleeding valve for front suspension**  
Dimension A =  $204 \pm 10$   
Oil amount (reference)  
HO-MVK 11.3 L



1. Loosen the air bleeding valves of R.H. and L.H. front suspensions, and bleed the air sufficiently.  
Check that the air does not come out (only oil comes out), and tighten the valve again. (Tightening torque: 39.2 to 48.0 Nm)
2. Check that the valve is closed, and install the filling tool of suspension gas to the gas cylinder.
3. Connect the hoses of suspension gas filling tool to the nitrogen gas filling valve.
4. Release the valve of suspension gas filling tool gradually.  
(At this time, there are 2 hoses, so fill to right and left simultaneously so that the pressure on the right and left is even.)
5. When the suspension cylinder rises to the specified level as described above, close the valve.  
(Pour the gas according to dimension A in the figure for front side and dimension A' in the figure for rear side.)
6. Remove the hoses from nitrogen filling valve, drive the machine forward and reverse to be accustomed, and stop the machine by engine brake without using foot brake.  
(Stop the machine by using engine brake at the end in order to avoid the offset load due to foot brake.)
7. Apply the parking brake and check the length of suspension cylinder.
8. If the length of suspension cylinder is out of specified value, repeat steps 3. to 7. (Normally, 3 to 4 times are enough for the adjustment.)

**Precautions**

When pouring the nitrogen gas, do not apply the pressure of 3.9 MPa (40 kg/cm<sup>2</sup>) or more, and do not extend the cylinder until it strikes the stroke end.

**Precautions**

1. Perform the air bleeding of cylinder.
2. Fill the R.H. and L.H. cylinders simultaneously.
3. Do not extend the cylinder to the stroke end.
4. When stopping after moving the machine forward and reverse, stop it without using the foot brake.  
After stopping the machine, set the shift lever to NEUTRAL position.
5. Before finishing this adjustment, do not operate the steering wheel.  
(The piping may be damaged.)

**Special tools**

Name	Q'ty
Suspension gas filling tool (7926-10-1000)	1

**Facility to be used**

Name	Q'ty

Others



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