Operation & Maintenance Manual

UEAM003700

PW200-7K
PW220-7K

WHEELED EXCAVATOR

SERIAL NUMBER

PW200-7K	- K40146 and up
PW220-7K	- K40146 and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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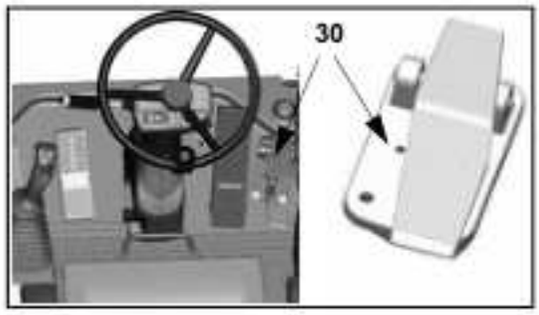
Model	Arm	Height (B)	Reach (A)													
			MAX		9.0m		7.5m		6.0m		4.5m		3.0m		1.5m	
			OF	OS	OF	OS	OF	OS	OF	OS	OF	OS	OF	OS	OF	OS
4 X Outrigger Undercarriage	1.8M	7.5m	*4850	*4850												
		6.0m	*4500	*4500					*7850	7100						
		4.5m	*4500	*4500			*4500	*4500	*6700	6950	*11200	*11200	*17150	*17150		
		3.0m	*4700	4250			6350	4650	*9200	6700	*12600	10750				
		1.5m	*5150	4100			6250	4550	9000	6400	*12750	10150				
		0.0m	5850	4250			6200	4450	*8650	6150	*11550	9950				
		-1.5m	*5350	4750					*7250	6150	*9450	*9450	*9500	*9500		
		-3.0m	*4150	*4150					*4700	*4700	*6450	*6450				
	2.4M	7.5m	*4350	*4350					*5100	*5100						
		6.0m	*4100	*4100					*6900	*6900						
		4.5m	*4100	*4100			*5350	4800	*8250	7100	*10100	*10100				
		3.0m	*4300	3850			6400	4700	*8900	6800	*12000	10950				
		1.5m	*4700	3700			6300	4550	9150	6500	*12900	10400				
		0.0m	5250	3800			6150	4450	8800	6200	*12300	10050				
		-1.5m	*6250	4200			*5800	4450	*7900	6100	*10600	10000	*9800	*9800		
		-3.0m	*4450	*4450					*6000	*6000	*7950	*7950	*9300	*9300		
	2.9M	7.5m	*2700	*2700					*4500	*4500						
		6.0m	*2600	*2600			*3900	*3900	*5400	*5400						
		4.5m	*2600	*2600			*5400	4400	*6700	6600						
		3.0m	*2700	*2700			5950	4300	*8500	6300	*11300	10400	*18150	*18150		
		1.5m	*2950	*2950			5800	4150	8500	6000	*12650	9700				
		0.0m	*3350	3100			5650	4050	8150	5700	*12650	9250	*9050	*9050		
		-1.5m	*4050	3350			5600	3950	7950	5500	*11500	9100	*9300	*9300		
		-3.0m	*4600	4000			*4650	4000	*6900	5550	*9300	9150	*11450	*11450		
	3.5M	7.5m	*2700	*2700			*2750	*2750								
		6.0m	*2600	*2600			*4200	*4200								
		4.5m	*2600	*2600	*2900	*2900	*5050	4900	*5500	*5500						
		3.0m	*2700	*2700	*4000	3400	*6300	4750	*7900	6950	*10600	*10600				
		1.5m	*2950	2950	4600	3350	6300	4550	*8900	6600	*12300	10700				
		0.0m	*3300	3100	4500	3250	6150	4400	8950	6300	*12750	10150	*9600	*9600		
		-1.5m	*3950	3300			6050	4300	*9600	6050	*11900	9900	*8900	*8900	*5300	*5300
		-3.0m	*4400	3800			*5350	6400	*7350	6000	*10000	9850	*12550	*12550	*8350	*8350

.Note for lift capacity tables:
1. Ratings are based on ISO 10567
2. Lifting capacities are given for:
   a) 75% of tipping load
   b) rated hydraulic lift capacity 87% of max.
3. Capacities marked with an asterisk (*) are limited by hydraulic capacities

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TRAVEL PEDAL

The travel pedal is used in conjunction with the Forward / Neutral / Reverse (F / N / R) switch (32) located on the right control lever. Select the direction required using F / N / R switch then depress travel pedal (30) to commence travel.

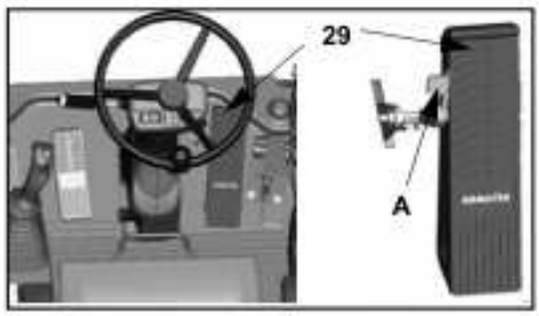


(1)	Forward
(2)	Neutral
(3	Reverse



BRAKE PEDAL

The service brakes are operated by depressing pedal (29). To lock the service brakes in the ON position fully depress the brake pedal. To unlock the service brakes depress latch (A).



STEERING WHEEL

The machine can be steered by turning steering wheel in the desired direction.

The position of the steering column can be adjusted fore and aft by depressing pedal (1), moving column to desired position and releasing pedal (1).

⚠ WARNING

Steering actions will be reversed if undercarriage is facing opposite direction.



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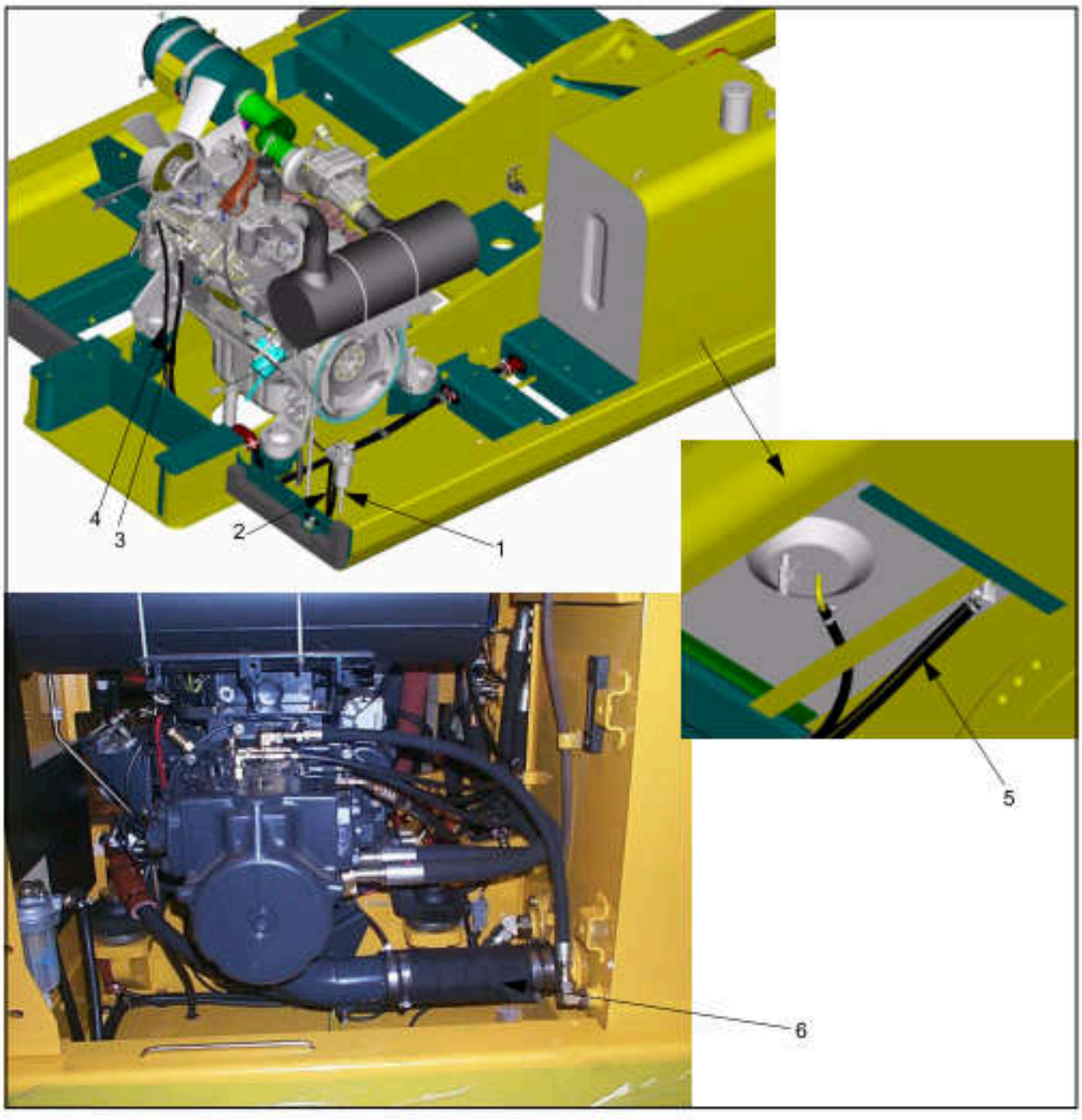
MAINTENANCE SCHEDULE CHART

SERVICE ITEM	PAGE
INITIAL 250 HOURS SERVICE (only after the first 250 hours)	
"REPLACE FUEL FILTER CARTRIDGE"	283
"CHECK ENGINE VALVE CLEARANCE, ADJUST"	283
"CHANGE OIL IN TRANSMISSION, HUBS + AXLES."	283
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"CHECK, CLEAN AND REPLACE AIR CLEANER ELEMENT"	284
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EVERY 50 HOURS SERVICE	
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EVERY 100 HOURS SERVICE	
"LUBRICATING"	

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SAFETY CRITICAL PARTS

No.	Safety critical parts for periodic replacement	Q'ty	Replacement interval
1	Fuel hose (fuel tank - water separator)	1	Every 2 years or 4000 hours which ever comes sooner.
2	Fuel hose (water separator - engine lift pump	1	
3	Fuel hose (engine lift pump - fuel filter)	1	
4	Fuel hose (fuel filter - injection pump)	1	
5	Spill hose (engine - fuel tank)	1	
6	Hydraulic hose (main pump delivery))	1	



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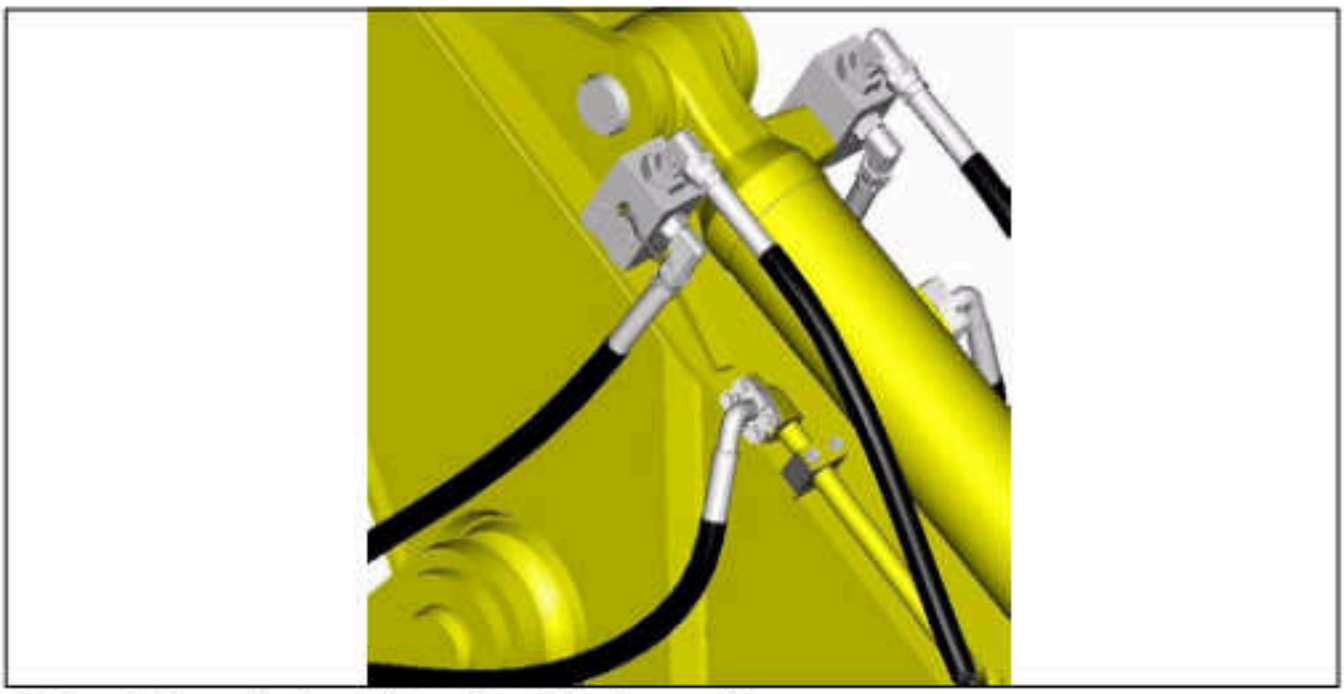
MACHINES READY FOR ATTACHMENTS

GENERAL LOCATIONS

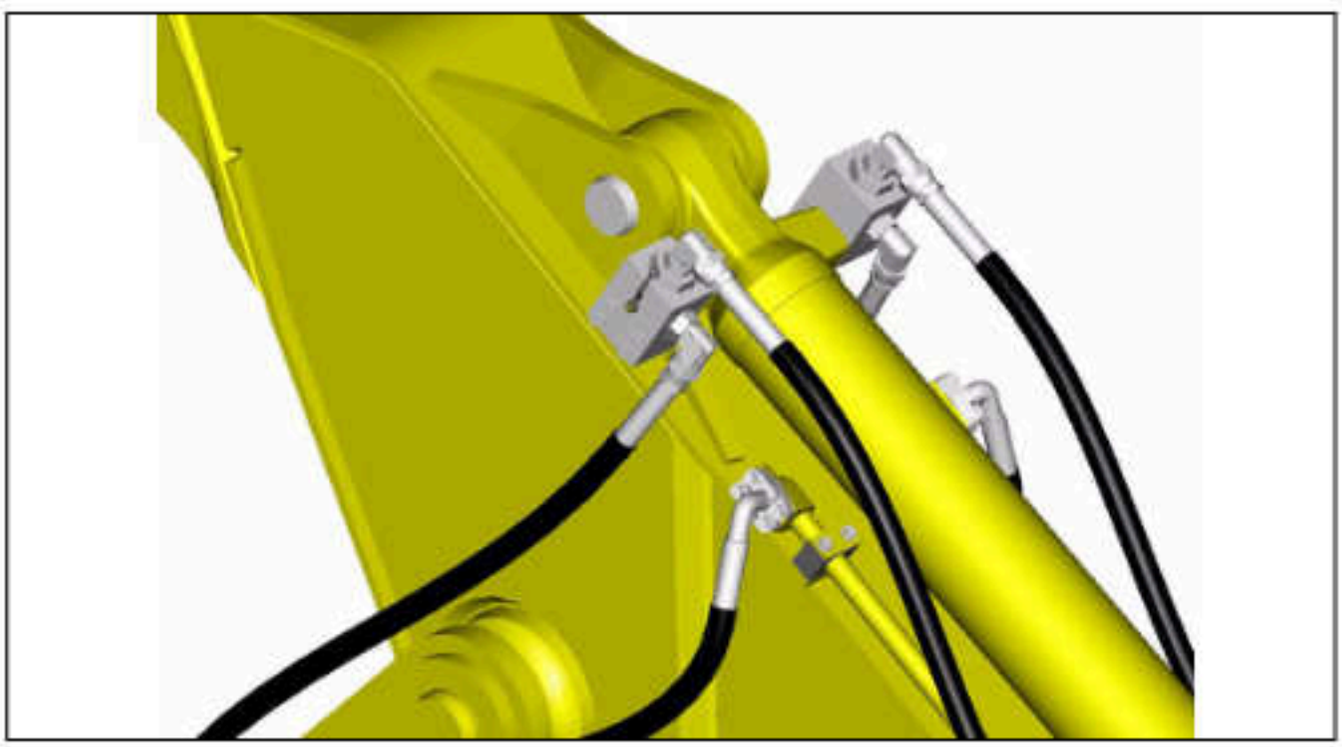
Clamshell Operation

Selector valves to be in position shown for clamshell operation.

Selector valve in normal position to bucket cylinder



Selector valve turned to clamshell operation. Both valves must be in same position



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