OPERATION & MAINTENANCE MANUAL

KOMATSU®

WA600-1L

WHEEL LOADER

SERIAL NUMBERS
WA600-1L A10391 and up

JUN 93

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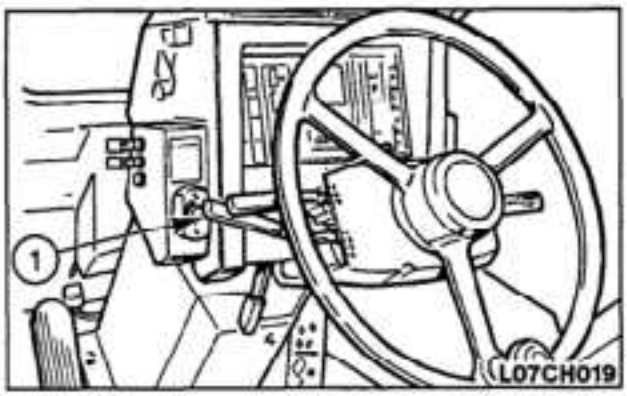
SHIFTING GEAR

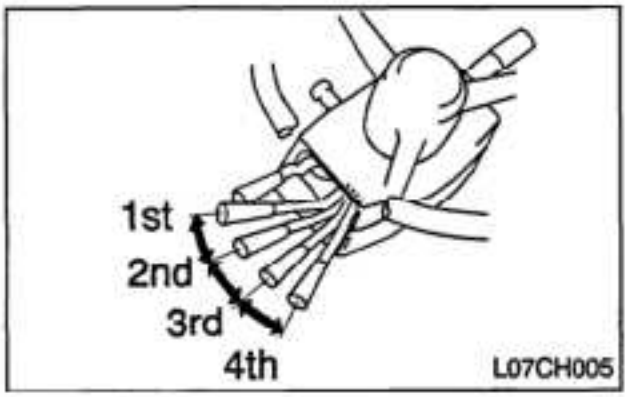
Move speed control lever (1) to the desired position.

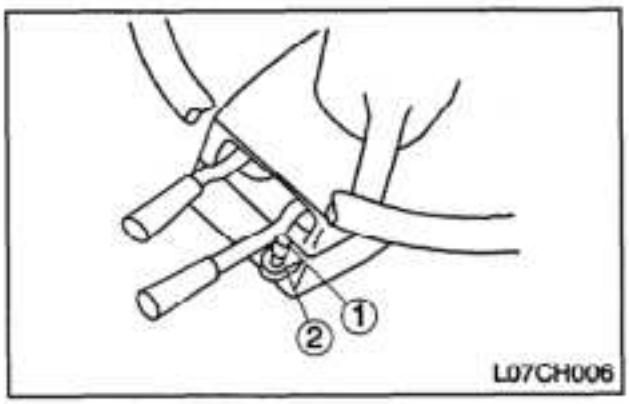
★ To use 1st or 2nd speeds for digging and loading operations, actuate speed control lever stopper.

★ This machine is equipped with a kickdown switch that shifts the gear down to 1st if the button at the tip of the lift arm control lever is pushed when the machine is traveling in 2nd gear.

★ We recommend the use of the kickdown switch when carrying out digging or loading operations in 1st or 2nd gear. For details of use, see "INSTRUMENTS AND CONTROLS".



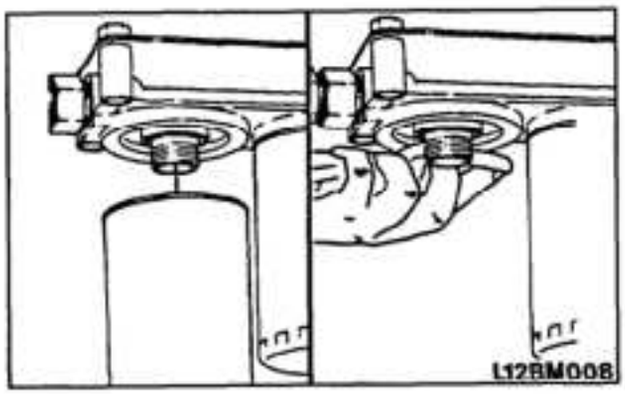




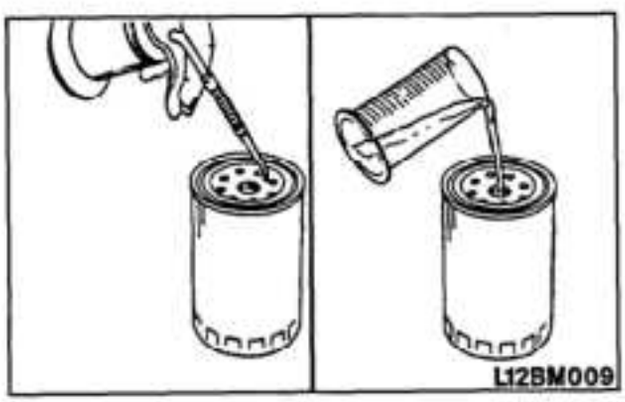
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a suitable manner if they are **not** needed for any reason.

5. Clean the filter gasket surfaces of the filter header for each filter. Replace the filter O-rings.

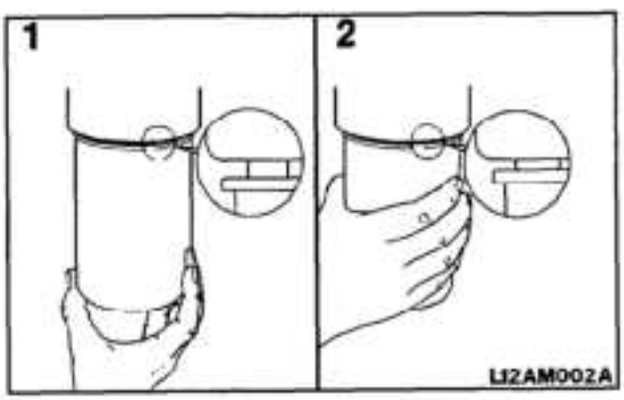


6. Fill the new filters with clean diesel fuel. Then, apply a thin coat of clean engine oil to the seal of the filter.



7. Install the filters on the filter header until the filter seal contacts the seal surface of the filter header and then, turn the filter an additional 1/2 to 3/4 turn by hand.

★ Do not over tighten the filter or damage may result to the filter seal or threads.



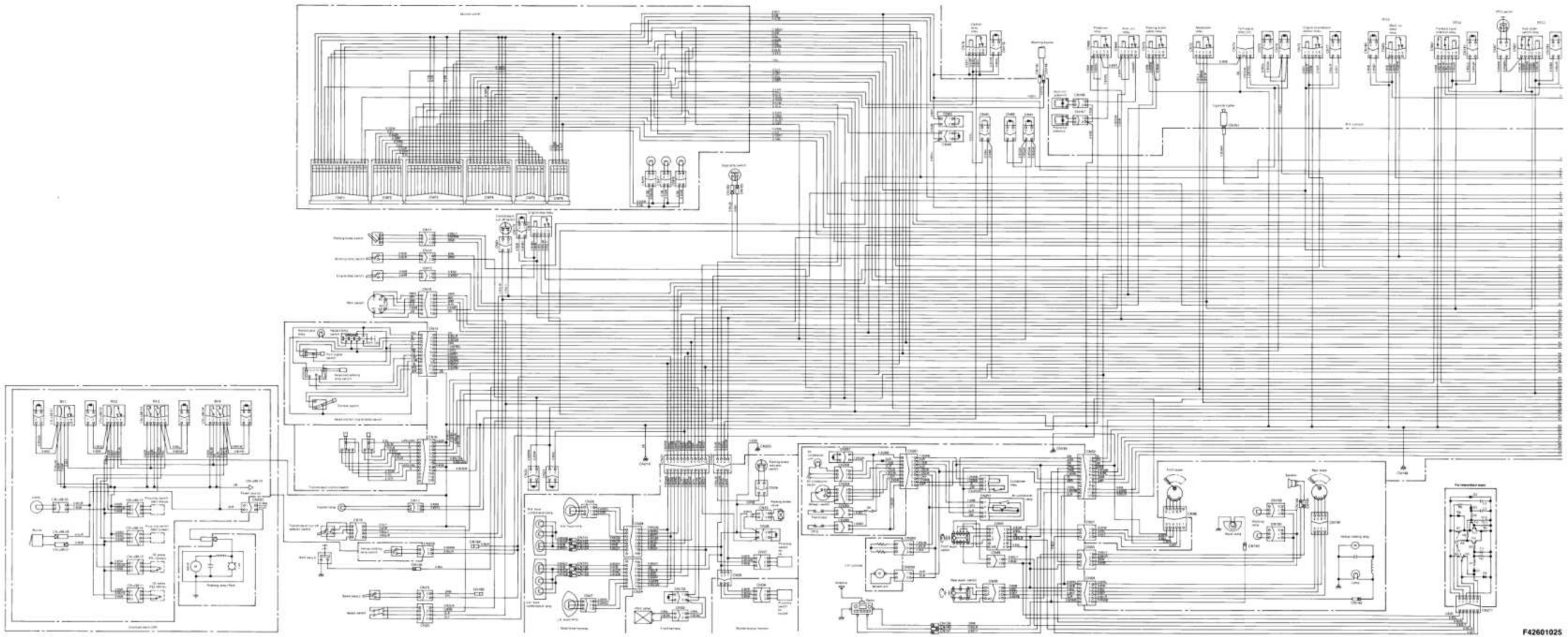
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GENERAL SPECIFICATIONS - MACHINES WITH STANDARD BOOM

	With Straight Edge Rock Bucket 5.4 m^3 (7.1 yd^3)		With Spade Nose Rock Bucket 5.4 m^3 (7.1 yd^3)		With Coal Bucket 13.1 m^3 (14.3 yd^3)	
	3565 x 33 L4 Tires	3565 x 33 L5 Tires	3565 x 33 L4 Tires	3565 x 33 L5 Tires	3565 x 33 L4 Tires	3565 x 33 L5 Tires
OPERATING WEIGHT - With standard counterweight	40 770 kg (89 880 lb)	41 910 kg (92 390 lb)	41 020 kg (90 430 lb)	42 160 kg (92 950 lb)	41 900 kg (92 370 lb)	43 040 kg (94 890 lb)
PERFORMANCE						
• Travel speeds - Maximum:						
Forward 1st	6.4 km/h (3.9 mph)	6.4 km/h (3.9 mph)	6.4 km/h (3.9 mph)	6.4 km/h (3.9 mph)	6.4 km/h (3.9 mph)	6.4 km/h (3.9 mph)
Forward 2nd	11.3 km/h (7.0 mph)	11.3 km/h (7.0 mph)	11.3 km/h (7.0 mph)	11.3 km/h (7.0 mph)	11.3 km/h (7.0 mph)	11.3 km/h (7.0 mph)
Forward 3rd	19.4 km/h (12.1 mph)	19.4 km/h (12.1 mph)	19.4 km/h (12.1 mph)	19.4 km/h (12.1 mph)	19.4 km/h (12.1 mph)	19.4 km/h (12.1 mph)
Forward 4th	31.8 km/h (19.8 mph)	31.8 km/h (19.8 mph)	31.8 km/h (19.8 mph)	31.8 km/h (19.8 mph)	31.8 km/h (19.8 mph)	31.8 km/h (19.8 mph)
Reverse 1st	7.1 km/h (4.4 mph)	7.1 km/h (4.4 mph)	7.1 km/h (4.4 mph)	7.1 km/h (4.4 mph)	7.1 km/h (4.4 mph)	7.1 km/h (4.4 mph)
Reverse 2nd	12.5 km/h (7.8 mph)	12.5 km/h (7.8 mph)	12.5 km/h (7.8 mph)	12.5 km/h (7.8 mph)	12.5 km/h (7.8 mph)	12.5 km/h (7.8 mph)
Reverse 3rd	21.4 km/h (13.3 mph)	21.4 km/h (13.3 mph)	21.4 km/h (13.3 mph)	21.4 km/h (13.3 mph)	21.4 km/h (13.3 mph)	21.4 km/h (13.3 mph)
Reverse 4th	35.2 km/h (21.9 mph)	35.2 km/h (21.9 mph)	35.2 km/h (21.9 mph)	35.2 km/h (21.9 mph)	35.2 km/h (21.9 mph)	35.2 km/h (21.9 mph)
ENGINE						
• Make and Model	S6D170-1 diesel engine					
• Type	4-cycle, inline, water cooled, direct injection, turbocharged					
• Displacement	20.15 liter (1410 in^3)					
• Number of cylinders	Six (6)					
• Bore and stroke	170 mm x 170 mm (6.69 in x 6.69 in)					
• Flywheel horsepower @ 2000 rpm	310 kW (415 HP)					

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FOLDOUT NO. 3
ELECTRICAL SCHEMATIC
PART 1



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