TEN00445-07

Operation & Maintenance Manual

MOTOR GRADER **GD555-5**

SERIAL NUMBERS 55008 and up

ecot3

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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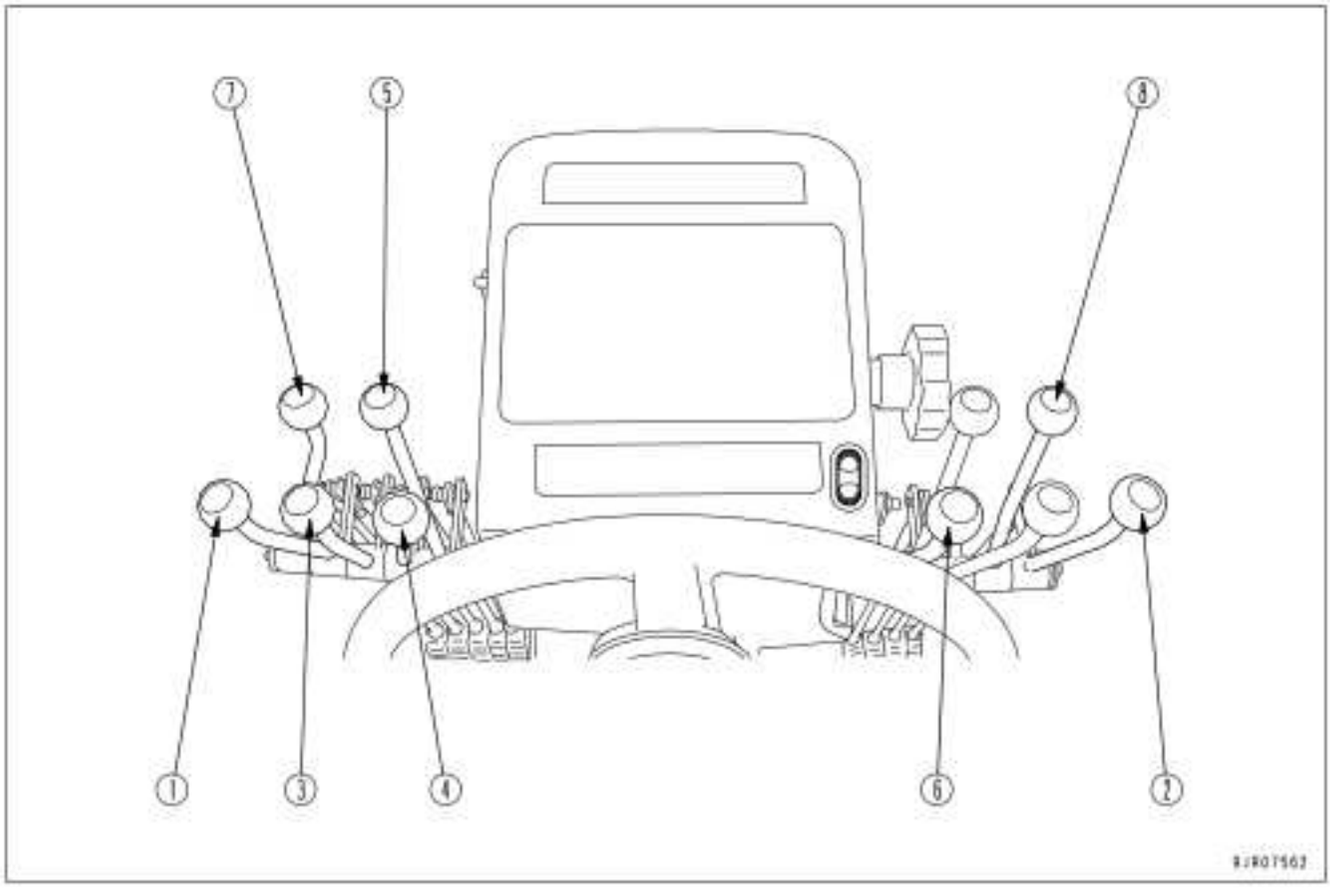
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OPERATING WORK EQUIPMENT



(1) Left blade lift cylinder control lever
(2) Right blade lift cylinder control lever
(3) Blade side shift control lever
(4) Blade rotation control lever
(5) Power tilt control lever
(6) Drawbar side shift control lever
(7) Ripper/Scarifier control lever (if equipped)
(8) Front attachment control lever (if equipped)

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MAINTENANCE SCHEDULE CHART

MAINTENANCE SCHEDULE CHART

INITIAL 250 HOURS SERVICE (ONLY AFTER THE FIRST 250 HOURS)

Change oil in transmission case, clean strainer ---- 4- 68
Change oil in final drive case ---- 4- 69
Clean final drive breather ---- 4- 70
Change oil in circle reverse gear case ---- 4- 77
Replace hydraulic tank filter element ---- 4- 70
Change oil in tandem drive case ---- 4- 78

INITIAL 1000 HOURS SERVICE (ONLY AFTER THE FIRST 1000 HOURS)

Check and adjust engine valve clearance ---- 4- 80

WHEN REQUIRED

Clean inside of cooling system ---- 4- 19
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Replace the cutting edges, reverse and replace end bit ---- 4- 27
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CHECK BEFORE STARTING

EVERY 50 HOURS SERVICE

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EVERY 250 HOURS SERVICE

Lubricating ---- 4- 45
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SPECIFICATIONS

	Item			Unit	GD555-5
	Operating weight (including operator 75 kg (165 lb))			kg (lb)	15,160 (33,428)
	Engine model			-	Komatsu SAA6D107E-1 diesel engine
	Flywheel horsepower			kW{HP}	104-118-131-144{140-158-176-193}
A	Overall length			mm (ft in)	8,995 (29' 6")
B	Overall height (Tail pipe)			mm (ft in)	2,995 (9' 10")
C	Overall height (with low profile ROPS cab)			mm (ft in)	3,200 (10' 6")
D	Overall width			mm (ft in)	2,485 (8' 2")
	Min. ground clearance			mm (ft in)	390 (1' 3")
	Min. turning radius			mm (ft in)	7,300 (23' 11")
	Travel speeds Travel speed at engine rated horsepower. Tire loaded radius: 0.61m (2 ft)	Forward	1st	km/h (MPH)	3.4 (2.1)
			2nd	km/h (MPH)	5.0 (3.1)
			3rd	km/h (MPH)	7.0 (4.3)
			4th	km/h (MPH)	10.2 (6.3)
			5th	km/h (MPH)	15.4 (9.6)
			6th	km/h (MPH)	22.3 (13.9)
			7th	km/h (MPH)	30.6 (19.0)
			8th	km/h (MPH)	44.3 (27.5)
		Reverse	1st	km/h (MPH)	4.5 (2.8)
			2nd	km/h (MPH)	9.2 (5.7)
			3rd	km/h (MPH)	20.3 (12.6)
			4th	km/h (MPH)	40.3 (25.0)

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