

ALLIS-CHALMERS

SHOP MANUAL

Models 5020 and 5030

Tractor serial number is located on plate attached to steering gear cover.
 Engine serial number is stamped in machined pad on left side of engine near rear.

Transmission serial number is stamped in machined pad on left side.
 Service procedures for Allis-Chalmers 5020 can be used for Simplicity 9523
 Service procedures for Allis-Chalmers 5030 can be used for Simplicity 9528

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	5020 (Two Wheel Drive)		5020 (Four	5030	
	8-Speed	12-Speed	Wheel Drive)	8-Speed	12-Speed
BRAKES	200	200	200	200	200
CLUTCH	75	75	75	75	75
COOLING SYSTEM	60	60	60	60	60
DIESEL SYSTEM					
Bleeding	41	41	41	41	41
Filters	40	40	40	40	40
Nozzles	46	46	46	46	46
Pump	43	43	43	43	43
Speed Adjustment	44	44	44	44	44
Timing	42	42	42	42	42
DIFFERENTIAL					
Front .....	.....	.....	8	.....	.....
Rear	138	138	141	138	138
ELECTRICAL SYSTEM					
Alternator	66	66	66	66	66
Starter	68	68	68	68	68
ENGINE					
Assembly R&R	10	10	10	10	10
Camshaft	22	22	22	22	22
Connecting Rods	26	26	26	26	26
Crankshaft	29	29	29	29	29
Cylinder Head	11	11	11	11	11
Flywheel	32	32	32	32	32
Oil Pan	34	34	34	34	34
Pistons, Rings & Cylinders	24	24	24	24	24
Tappet Adjustment	12	12	12	12	12
Timing Gears	21	21	21	21	21
Valves	14	14	14	14	14
FINAL DRIVE					
Front .....	.....	.....	5	.....	.....
Rear	151	151	151	151	151
FRONT SYSTEM					
Axle	1	1	2	1	1
Split	4	4	4	4	4
Steering Gear	3	3	3	3	3
FRONT WHEEL DRIVE .....	.....	.....	5	.....	.....
HYDRAULIC SYSTEM	300	300	300	300	300
POWER TAKE OFF	250	250	255	250	250
TRANSMISSION					
Inspection	82	92	102	112	122
Overhaul	85	95	105	115	125
Remove and Reinstall	84	94	104	114	124