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MANUAL PREVIEW

Steiger Operator's Manual

Wildcat III

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Operator's Manual

SI-O-WILDCTIII

OPERATOR'S MANUAL

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Contents

Forward	1,2
Safety	3
Specifications	5-12
Operating Information	13-22
Service and Maintenance	23-41
Hydraulics	43-48
Troubleshooting	49-54
Index	55,56

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Specifications

Engine

General Specifications

Model: Caterpillar 3208
Type: Naturally aspirated. Direct injection, four stroke cycle, 90° V8 diesel
Bore & Stroke: 4.5" x 5" (114 mm x 127 mm)
Piston Displacement: 636 cubic inches (10.4 liters)
Compression Ratio: 16.5:1
Torque Rise: Approximately 23%
Hi-Idle, no load: Approximately 3000 rpm
Rated Speed: 2800 rpm
Engine Idle: 850 rpm
Oil Pressure: 45 p.s.i. to 75 p.s.i. SAE 30 at normal operating temperature and rated rpm.

Lubrication Specifications

Oil Type: CD Oil or MIL-L-2104C
CC Oil, MIL-L-2104B or MIL-L-46152
Oil Viscosity: Above 32°F (0°C) use SAE 30, SAE 10W-30
Below 32°F (0°C) use SAE 10W-30
Oil Capacity: 14 qts. with filters (13.3 liters)
Filter Type: Spin on throw away type.
Cooling Capacity: 10½ gallons

Periodic Maintenance

Oil check: every 10 hours
Oil change: every 100 hours
Oil filter change: every 100 hours
Fuel filter change: as required

Clutch

General Specifications

Model: Dana Spicer heavy duty 14" (35.56 cm) 2 plate cerametallic, 6 button, pull type release

Periodic Maintenance

Clutch throw out bearing: Lubricate every 10 hours. See lube specification page 10.
Clutch release shaft: lubricate every 100 hours.

Brake

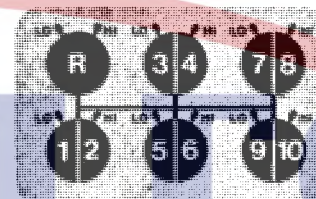
General Specifications

Main Brakes: Hydraulically operated, disc single caliper type
Parking Brakes: Hand cable operated, disc single caliper type 5

Transmission

General Specifications

Model: Spicer SST 1010, Ten forward speeds and two reverse speeds. Rubber mounted and oil cooled.
Shift Pattern:



Lubrication Specifications

Oil Type: IH HI-tran, John Deere 303, Texaco 303 or equivalent
Oil Capacity: Lubricated from central sump.
Central sump capacity: 12.5 gals (47.3 liters)

Filter Type: Spin on throw away type

Periodic Maintenance

Oil check: Every 10 hours
Oil change: First 100 hours on a new machine and every 500 hours thereafter.
Oil filter change: First 100 hours on a new machine, every 500 hours thereafter

Fuel System

General Specifications

Type of fuel: See manual page 29.
Capacity: 140 gals (530 liters)

Periodic Maintenance

Change filter: as required
Drain fuel tank sump: every 100 hours

Rops Cab Torque

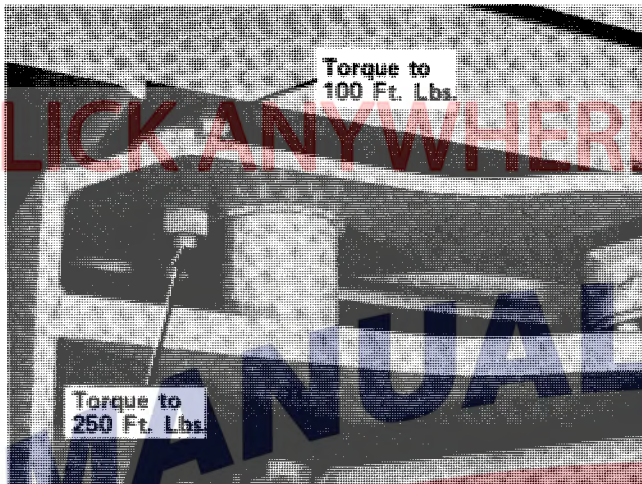


FIGURE 1: ROPS Cab Bolt Torque

If the ROPS cab must ever be removed and replaced, make certain that the proper hardware is used and also that the proper torques are applied to the attaching bolts. The eight 1/2" x 1 1/2 grade 5 bolts used to hold isolators in place must be torqued to 100 ft lbs. The four 3/4" x 4" grade 8 bolts used to attach the cab to the tractor must be torqued to 250 ft-lbs.

Center Hinge Bolts



FIGURE 3: Upper Hinge Bolts

Torque upper and lower hinge bolts to 1200 ft-lbs every 500 hours.

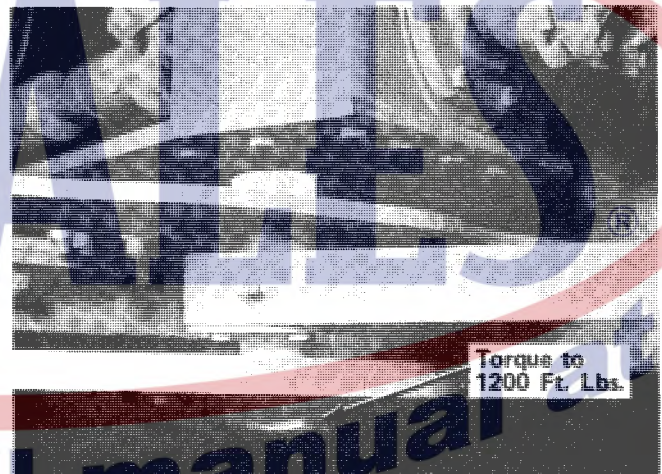


FIGURE 4: Lower Hinge Bolts

Steering Cylinder Bolts

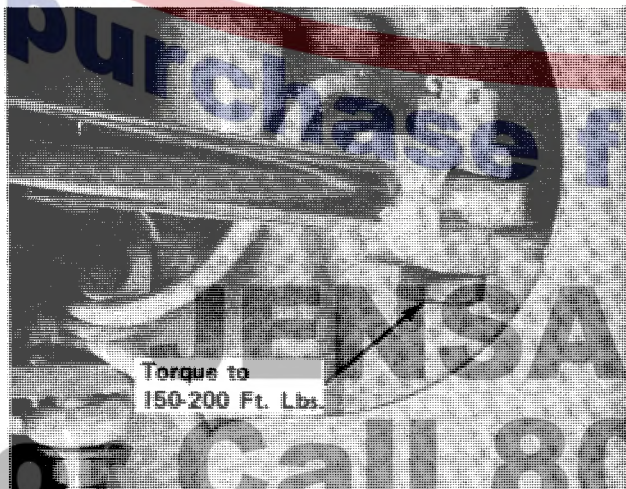


FIGURE 2: Steering Cylinder Bolts

Torque steering cylinder bolts to 150-200 ft-lbs every 500 hours.

Standard Axle Lug Bolt Torque

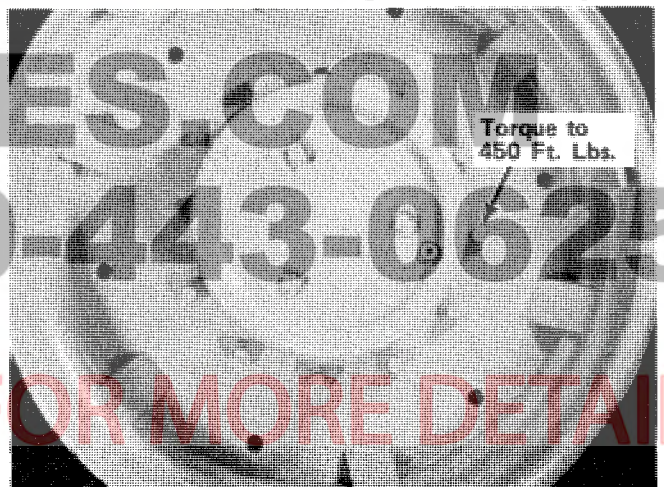
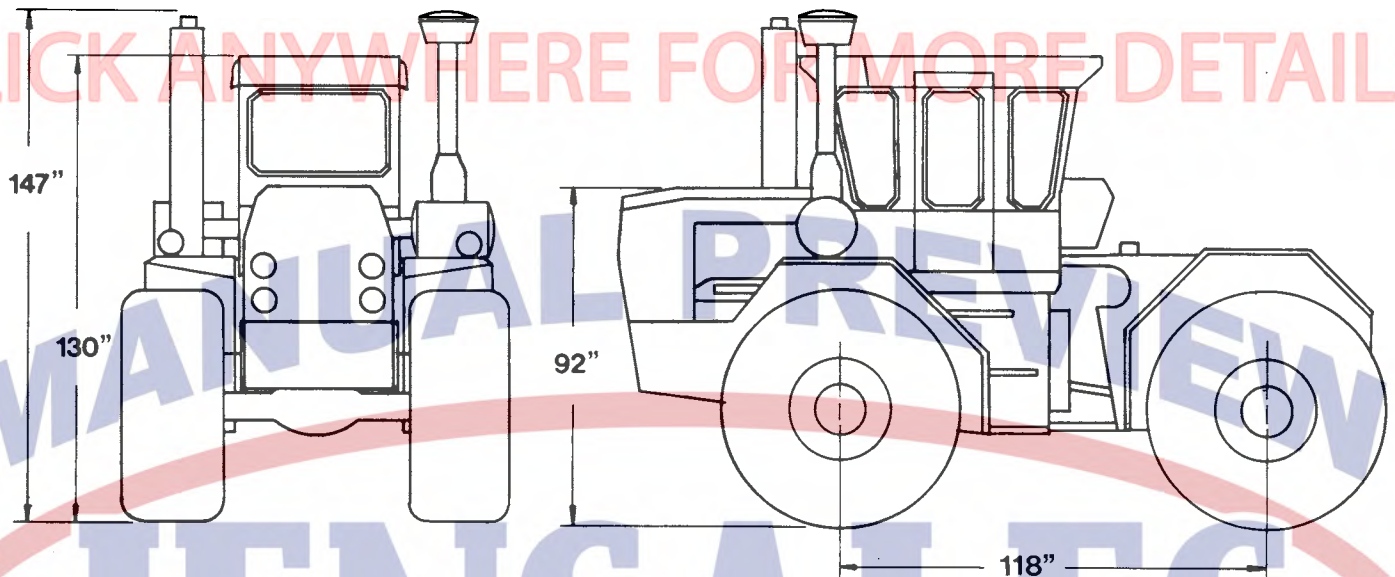


FIGURE 5: Standard Axle Torque

Tighten standard lug bolts to 450 ft-lbs. Tighten every 10 hours for first 50 hours.

Specifications

Measurements & Weights



CLEARANCE:

18 inches (45.7 cm) not including adjustable height swinging drawbar.

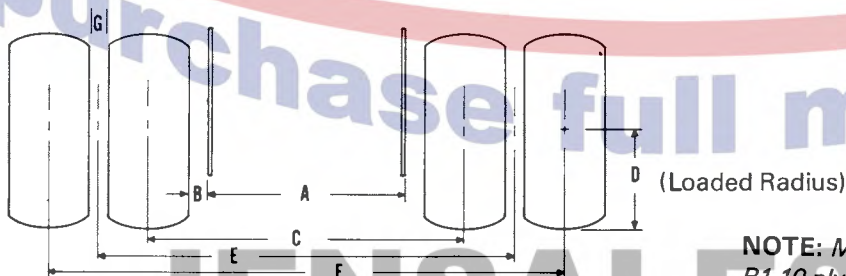
TURNING RADIUS:

15.9 feet (4.6 meters) to center of drawbar.

WEIGHT:

15,570 lbs. bare weight of tractor, without rims and tires. Add 1500 lbs. for 3-Pt. Hitch. 18,320 lbs. weight of tractor with 24.5 x 32 R1 Singles.

NOTE: Maximum warranted tractor weight is 23,000 lbs.



NOTE: Measurements taken on concrete with 24.5 x 32 R1 10 ply tires.

	A		B		C		D		E		F		G	
	in.	cm.	in.	cm.	in.	cm.	in.	cm.	in.	cm.	in.	cm.	in.	cm.
18.4 x 34 R1, 6 ply	39	99.1	9.7	24.6	76.8	195.0	29.7	75.4	101.4	257.6	126.4	321.1	6.6	16.8
18.4 x 34 R1, 8 ply	39	99.1	9.7	24.6	76.8	195.0	29.7	75.4	101.4	257.6	126.4	321.1	6.6	16.8
18.4 x 38 R1, 6 ply	39	99.1	9.7	24.6	76.8	195.0	31.6	80.3	101.4	257.6	126.4	321.1	6.6	16.8
18.4 x 38 R1, 8 ply	39	99.1	9.7	24.6	76.8	195.0	31.6	80.3	101.4	257.6	126.4	321.1	6.6	16.8
20.8 x 34 R1, 6 ply	39	99.1	7.3	18.5	74.3	188.7	30.2	76.7	100.4	255.0	126.5	321.1	5.3	13.5
23.1 x 30 R1, 8 ply	39	99.1	4.8	12.2	71.8	182.4	29.8	75.7	101.6	258.1	131.6	334.3	6.9	17.5
23.1 x 30 R2, 8 ply	39	99.1	4.8	12.2	71.8	182.4	32.2	81.8	101.6	258.1	131.6	334.3	6.9	17.5
24.5 x 32 R1, 10 ply	39	99.1	7.3	18.5	78	198.1	31.9	81.0	108.1	275.6	138.2	351.0	5.6	14.2
24.5 x 32 R2, 10 ply	39	99.1	7.3	18.5	78	198.1	31.5	80.0	108.1	275.6	138.2	351.0	5.6	14.2
30.5 x 32 R1, 10 ply	39	99.1	7.6	19.3	84.8	21.5	31.6	80.3	x		x		x	
30.5 x 32 LS-2, 10 ply	39	99.1	7.6	19.3	84.8	21.5	31.8	80.8	x		x		x	

NOTE: X Not under warranty by Steiger

E Maximum Warranted is 114.