

John Deere 2000 Series Crawler Tractors



SERVICE MANUAL John Deere 2000 Series Crawler Tractors

SM2037 (01MAY87) English



SM2037 (01MAY87)

LITHO IN U.S.A.
ENGLISH



JOHN DEERE**2000** SERIES**CRAWLER TRACTORS****CONTENTS**

	<i>Section</i>
Description and Specifications	10
Tractor Separation	20
Periodic Lubrication	30
Engine Tune-Up and Tractor Adjustment	40
Engine (Basic)—Gasoline	50
Engine (Basic)—Diesel	51
Engine Lubrication System	60
Governor and Linkage	70
Cooling System	80
Gasoline Fuel System	90
Diesel Fuel System	91
Electrical System	100
Engine Clutch (Constant Mesh Transmission)	110
Clutch Disconnect and Clutch Pedal (H-L-R Transmission)	111
Transmission and Ring Gear (Constant Mesh)	120
Transmission and Ring Gear (H-L-R)	130
Power Take-off, Auxiliary Pump Drive, and Winch Drive	140
Series 20 Winch	145
Final Drives, Steering Clutch and Brakes	150
Hydraulic System	160
3-Point Hitch and Drawbar	170
Track System	180
Trouble Shooting	190

Copyright ©1987
DEERE & COMPANY
 Moline, Illinois
 All rights reserved
 Previous Editions
 Copyright ©1965 Deere & Company
 Copyright ©1964 Deere & Company
 Copyright ©1962 Deere & Company

Section 10 DESCRIPTION AND SPECIFICATIONS

Group 5 DESCRIPTION

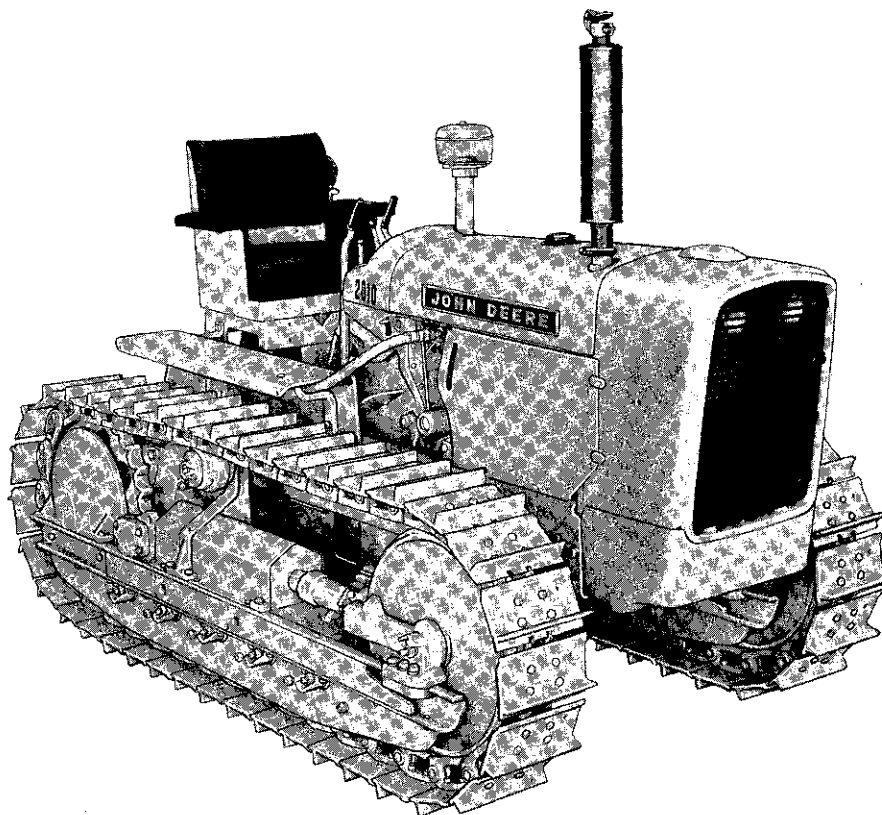


Fig. 10-5-1—Right-Hand View of 2010 Crawler Tractor

The John Deere 2010 Series Crawler Tractor (Fig. 10-5-1) is rugged and strong to meet the needs of industrial users. Its track-laying tread makes this tractor especially useful whenever good flotation and additional traction or extra stability are desirable. Because of the wide variety of equipment available for use with this tractor, the 2010 Crawler plays an important role in the construction and logging industries.

FEATURES

GASOLINE ENGINE

The 2010 Series Gasoline Crawler has a vertical, 4-cylinder, valve-in-head, four stroke

cycle, internal combustion engine. A bore of 3-5/8 inches and a stroke of 3-1/2 inches gives a piston displacement of approximately 145 cubic inches. The compression ratio is 7.9 to 1. Pistons with 9.0 to 1 compression ratio are available for high altitude operation.

Engine speeds are controlled by a flyweight-type governor, gear-driven from the camshaft gear.

The tractor is equipped with a 16 U.S. gallon fuel tank and a conventional, updraft-type carburetor.

Gasoline models have a battery-distributor-type ignition system with automatic spark advance. A 12-volt battery, generator, and starter are standard equipment.



Thank you very much
for your reading.
Please click here
to get more information.