

CALIFORNIA
Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

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If this product

 **WARNING**

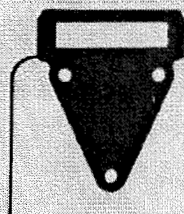
The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

**Worldwide Construction
And Forestry Division**

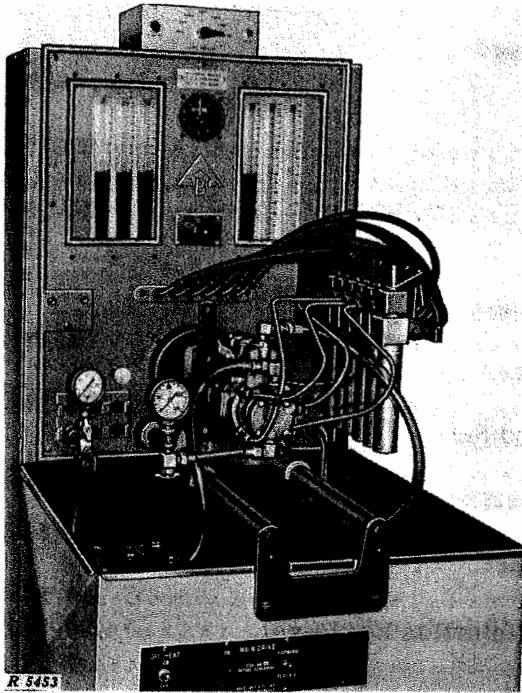
**FUEL INJECTION
PUMPS & NOZZLES**

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PUMPS & NOZZLES**



If a style 7 metal tab index is to be used in place of this index sheet, cut out this printed title, fold it over, and insert it in the metal tab.

SERVICE MANUAL FOR JOHN DEERE DEALERS



TESTING AND SERVICING FUEL INJECTION PUMPS AND NOZZLES

Section	Page
5 - PUMP DIAGNOSIS - ALL ROOSA MASTER PUMPS	
Group 5 - Diagnosing Pump Malfunctions	5-5-1
10 - ROOSA MASTER MODEL DB AND JDB PUMPS	
Group 5 - Description and Operation	10-5-1
Group 10 - Service	10-10-1
Group 15 - Bench Test Procedure	10-15-1
Group 20 - DB Pump Specifications	10-20-1
Group 25 - JDB Pump Specifications	10-25-1
11 - ROOSA MASTER MODEL DC PUMPS	
Group 5 - Description and Operation	11-5-1
Group 15 - Service	11-15-1
Group 20 - Bench Test Procedure	11-20-1
Group 25 - Specifications	11-25-1
15 - ROOSA MASTER MODEL C PUMPS	
Group 5 - Description and Operation	15-5-1
Group 10 - Service	15-10-1
Group 15 - Bench Test Procedure	15-15-1
Group 16 - Specifications	15-16-1
Group 25 - Removal and Installation	15-25-1
16 - ROOSA MASTER MODEL CB PUMPS	
Group 5 - Description and Operation	16-5-1
Group 15 - Service	16-15-1
Group 20 - Bench Test Procedure	16-20-1
Group 21 - Specifications	16-21-1
Group 25 - Removal and Installation	16-25-1

All information, illustrations and specifications contained in this service manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

(Continued)

CONTENTS—Continued


Section	Page
20 - BOSCH AND SCINTILLA PUMPS	
Group 5 - Description and Operation.	20-5-1
Group 10 - Service.	20-10-1
Group 15 - Bench Test Procedure.	20-15-1
30 - INJECTION NOZZLES	
Group 5 - Nozzles for Four- and Six-Cylinder Diesel Engines (Waterloo)	30-5-1
Group 10 - Nozzles for Two-Cylinder Diesel Engines (Waterloo)	30-10-1
Group 15 - American Bosch Nozzles for Four- and Six- Cylinder Diesel Engines (Dubuque)	30-15-1
Group 20 - Robert Bosch Nozzles for Four- and Six-Cyl- inder Diesel Engines (Dubuque)	30-20-1
Group 25 - Roosa Master 9.5-Mm. Injection Nozzles for Waterloo and Dubuque Engines	30-25-1
Group 26 - Specifications (Roosa-Master 9.5-Mm. Injection Nozzles)	30-26-1
Group 30 - Robert Bosch 21-Mm. Nozzles	30-30-1
40 - PART AND MODEL NUMBER SPECIFICATIONS INDEX	40-5-1


PURPOSE OF MANUAL

This manual is expressly intended to provide sufficient information for qualified technicians, experienced in diesel engines and diesel injection equipment, to test and service the fuel injection pumps and nozzles used on John Deere tractors and power units and to make such adjustments and parts replacements as may be needed. Inexperienced persons should never make adjustments and repairs to diesel injection equipment as such action may result in very extensive damage to the equipment or to the engine.

NOTE: No service should be performed on injection equipment before making a careful study of the manual and becoming familiar with the principles and instructions which follow:

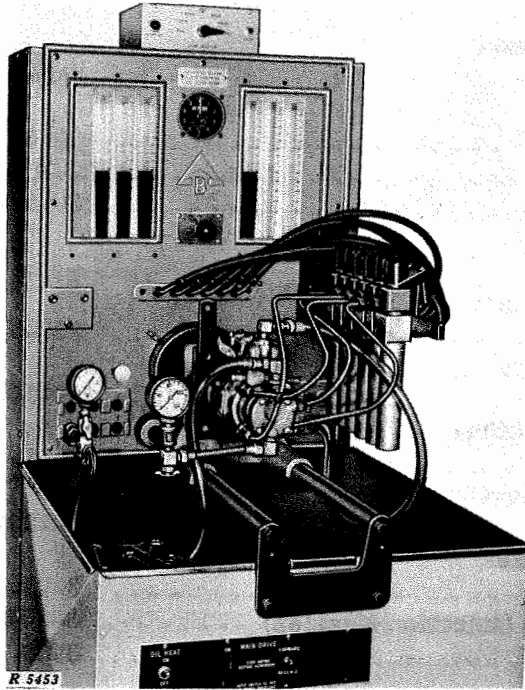
This manual completely describes the operating principles of the various mechanisms of the pump and nozzles. Only through a thorough knowledge of the principles of the various mechanisms can the serviceman locate and correct possible operational faults.

 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

 **CAUTION:** Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before applying pressure to the system, be sure all connections are tight and that lines, pipes and hoses are not damaged. Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than hands, to search for suspected leaks.

If injured by escaping fluid, see a doctor at once. These injuries are best treated by immediate surgical removal of as much of the foreign material as possible.

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Group 15 - Bench Test Procedure	10-15-1
Group 20 - DB Pump Specifications	10-20-1
Group 25 - JDB Pump Specifications	10-25-1
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Group 5 - Description and Operation	11-5-1
Group 15 - Service	11-15-1
Group 20 - Bench Test Procedure	11-20-1
Group 25 - Specifications	11-25-1
15 - ROOSA MASTER MODEL C PUMPS	
Group 5 - Description and Operation	15-5-1
Group 10 - Service	15-10-1
Group 15 - Bench Test Procedure	15-15-1
Group 16 - Specifications	15-16-1
Group 25 - Removal and Installation	15-25-1
16 - ROOSA MASTER MODEL CB PUMPS	
Group 5 - Description and Operation	16-5-1
Group 15 - Service	16-15-1
Group 20 - Bench Test Procedure	16-20-1
Group 21 - Specifications	16-21-1
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