

6155M, 6175M, 6195M Tractors Repair (MY18)



JOHN HARE



COLLECTION

REPAIR TECHNICAL MANUAL 6155M, 6175M, 6195M Tractors (MY18)

TM410819 01DEC18 (ENGLISH)

For complete service information also see:

6110M, 6120M, 6125M, 6130M, 6135M, 6140M, 6145M,
6155M, 6175M, 6195M Tractors Diagnostic Technical
Manual..... TM410619



John Deere GmbH & Co. KG
John Deere Werk Mannheim

Foreword

This manual is written for an experienced technician. Essential tools required in performing certain service work are identified in this manual and are recommended for use.

Live with safety: Read the safety messages in the introduction of this manual and the cautions presented throughout the text of the manual.



CAUTION:

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to potential for personal injury.

Technical manuals are divided in two parts: repair and operation and tests. Repair sections tell how to repair the components.

Diagnostic sections help you identify the majority of routine failures quickly.

Information is organized in groups for the various components requiring service instructions. At the beginning of each group are summary listings of all applicable special tools, service equipment and tools, other materials needed to do the job, service parts kits, specifications, wear tolerances and torque values.

Technical manuals are concise guides for specific machines. They are on-the-job guides containing only the vital information needed for diagnosis, analysis, testing and repair.

Fundamental service information is available from other sources covering basic theory of operation, fundamentals of troubleshooting, general maintenance and basic type of failures and their causes.

DX, TMIFC-19-20091028

Model Year 2018 (MY18) - Information on Serial Numbers and Model Identification

MY18 serial number change

MY18 6M tractor series, built in **Mannheim (1L0)** from September 2017, from serial number **1L0xxxxxxx894428**

NOTE:

Since the changes were made in Mannheim during ongoing production, there is a smooth transition where the ??serial number change is concerned. Up to this serial number, a mix of old and new models were built.

Up to serial number 894428, 1006 6M MY18 tractors were already built. The corresponding tractors can be identified by means of the light switches and the hood latch variants.

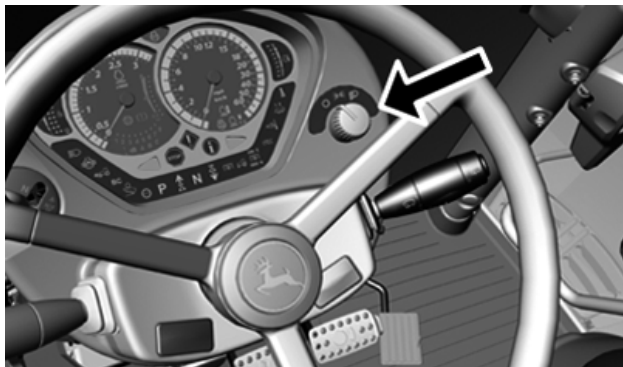
IMPORTANT:

6M FT4 tractors with open operator's station (OOS) are not included in the MY18 project and are therefore not dealt with in MY18 publications.

Model identification

Tractor models of the MY18 6M series can be identified by the following features:

3-position light switch (MY18)



LX299199-UN: 3-Position Light Switch (MY18)



LX297331-UN: Light Switch

LEGEND:

1-4-Position Light Switch (Previous Version)

2-3-Position Light Switch for Region 2 (Light Switched Off, Parking Lights Switched On, Headlights Switched On)

3-3-Position Light Switch for Region 4 (Light Switched Off, Headlights Switched On, Work Lights Switched On)



LX297332-UN: 4-Position Light Switch (Previous Version)

Hood latch type



LX266960-UN: Hood latch

Use a suitable object (e.g. a screwdriver or key) to push down the latch and fold the engine hood up.

LX25458,00001A0-19-20180212

<p>Section 05 - Safety Group 05 - Safety Measures</p> <p>Section 10 - General Information Group 05 - General Information - Specifications Group 10 - General Information - Tests and Adjustments Group 15 - General Information - Predelivery Inspection</p> <p>Section 20 - Engine Group 00 - Engine – Removal and Installation of Components Group 10 - Engine Exhaust Cleaning System</p> <p>Section 30 - Fuel, Air-Intake, Cooling and Exhaust Systems Group 10 - Fuel System Group 20 - Cooling System Group 30 - Exhaust System</p> <p>Section 40 - Electrical System Group 05 - Electrical System - Connectors Group 10 - Electrical System - Charging Circuit Group 15 - Electrical System - Starter Motor Circuit Group 20 - Electrical System - Headlights</p> <p>Section 45 - Electronic Control Units Group 05 - Removal and Installation of Control Units Group 10 - Terminating Resistors - Removal and Installation</p> <p>Section 50A - Drive Train (without Transmission) Group 00 - Drive Train (without Transmission) - Removal and Installation of Components Group 10 - Drivetrain (without Transmission) - Universal-Jointed Shafts and Torsion Dampers Group 15 - Drivetrain (without Transmission) - Mechanical Front-Wheel Drive Group 20 - Drivetrain (without Transmission) - Differential Group 25 - Drive Train (without Transmission) - Hydraulic Pump Drive Group 30 - Drivetrain (without Transmission) - Final Drives Group 35 - Drivetrain (without Transmission) - Rear PTO Options Group 40 - Drivetrain (without Transmission) - Front PTO Group 45 - Drivetrain (without Transmission) - Front Implement Drive</p> <p>Section 50C - PowrQuad™ Transmission Group 00 - PowrQuad™ Transmission - Removal and Installation of Components Group 05 - PowrQuad™ Transmission - Transmission Shift Unit Group 10 - PowrQuad™ Transmission - PowrQuad™</p>	<p>Module Group 15 - PowrQuad™ Transmission - Creeper Transmission on 6155M Group 20 - PowrQuad™ Transmission - Range Transmission on 6155M Group 25 - PowrQuad™ Transmission - Range Transmission on 6175M-6195M</p> <p>Section 50G - CommandQuad™ Transmission Group 00 - CommandQuad™ Transmission - Removal and Installation of Components Group 05 - CommandQuad™ Transmission - Transmission Shift Units Group 10 - CommandQuad™ Transmission - Range Transmission</p> <p>Section 60A - Steering Group 10 - Steering - Hydrostatic Steering Group 15 - Steering - AutoTrac™</p> <p>Section 60B - Brakes Group 10 - Brakes - Brake Valve Group 15 - Brakes - Rear Brakes Group 20 - Brakes - Hydraulic Trailer Brake Group 25 - Brakes - Air Brake System Group 30 - Brakes - Park Brake / Emergency Brake</p> <p>Section 70 - Hydraulic System Group 05 - Hydraulic System - General Information Group 10 - Operator Controls Group 15 - Hydraulic System - Oil Filter, Additional Oil Reservoir, Charge Pump, and Hydraulic Pump Group 20 - Hydraulic System - Priority 1 to 3 Control Blocks Group 25 - Hydraulic System - Rear Hitch Group 30 - Hydraulic System - Selective Control Valves (SCVs) and Couplers</p> <p>Section 80A - Machine-Specific Systems Group 00 - Machine-Specific Systems - Removal and Installation of Components Group 15 - Machine-Specific Systems - Front Wheels, Rear Wheels and Fenders Group 20 - Machine-Specific Systems – Trailer Hitch and Swinging Drawbar Group 25 - Machine-Specific Systems - Pick-Up Hitch</p> <p>Section 80B - Suspension Systems Group 10 - Suspension Systems - Suspended Front-Wheel Drive Axle Group 15 - Suspension Systems - Mechanical Cab Suspension</p> <p>Section 90 - Operator's Cab</p> <p>Section 300 - Special Tools Group 05 - General Information</p>
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Thank you very much
for your reading.
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to get more information.