

John Deere 1780 Front-Fold Drawn Conservation Planters Diagnostic and Tests Service Manual (tm1633)

6100, 6200, 6300 and
6400 Early Tractors,
Electrics Diagnostic



OPERATION AND TESTS SERVICE MANUAL

6100, 6200, 6300, 6400 (Early Models)

TM4487ELEC 30 NOV 00 (ENGLISH)

For complete service information also see:

tm4516 - 6800 and 6900 Tractors Service Repair Manual	TM4516
tm4493 - 6100 to 6600 Tractors and SE Tractors Service Repair Manual	TM4493
tm4487 - 6100, 6200, 6300, 6400, 6506, 6600, 6800, 6900, SE610, SE62000, SE6300 and SE6400 Tractors Operations and Test	TM4487
Front Wheel Drive Axles	CTM4509
CTM441 - Machinery	CTM441
3029, 4039, 4040	



John Deere Agriculture
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Type: Service Manual

Language: English

Pages: 606

Format: PDF

Features: Bookmarked, searchable, printable

Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 1780 Front-Fold Drawn Conservation Planters Diagnostic and Tests Service Manual (tm1633)**

In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
- PTO
- Hydraulic System
- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
- Steering
- Brakes
- Wheels
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

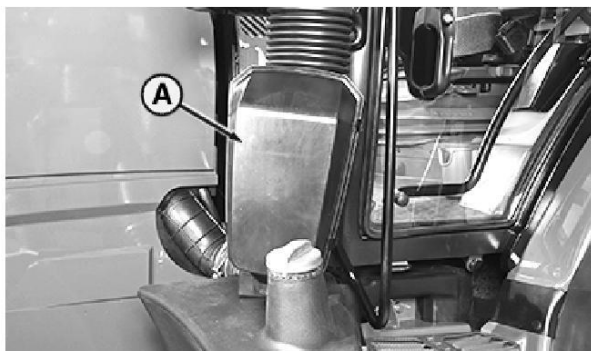
Removal and Installation of the Primary Air Cleaner Element

NOTE:

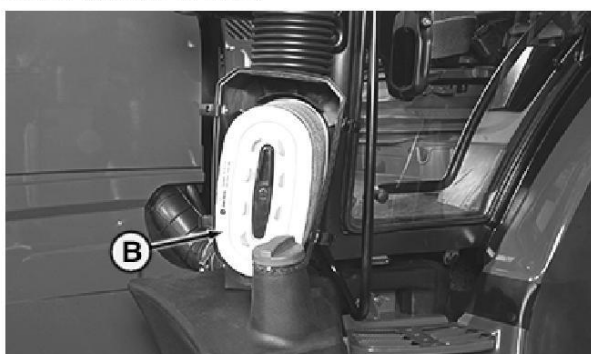
If a message appears on the CommandCenter™ indicating that the engine air cleaner is restricted, the primary filter element must be changed that very same day.

After the first message appears, the tractor can still be operated long enough to complete the day's work. However, from the next message onwards, tractor operation is restricted for safety reasons. A filter change is then unavoidable.

The secondary filter must be changed no later than at every fourth change of the primary filter, or every 4500 hours or 5 years. See Service / Every 4500 Hours.



LX266893-UN: Primary Filter Element



LX266894-UN: Primary Filter Element

Open flap (A) and remove primary filter (B).

Install a new primary element and close the flap.

IMPORTANT:

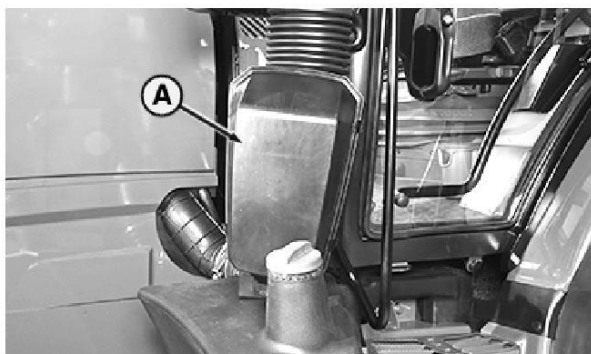
Never run the engine without the primary air cleaner element!

IMPORTANT:

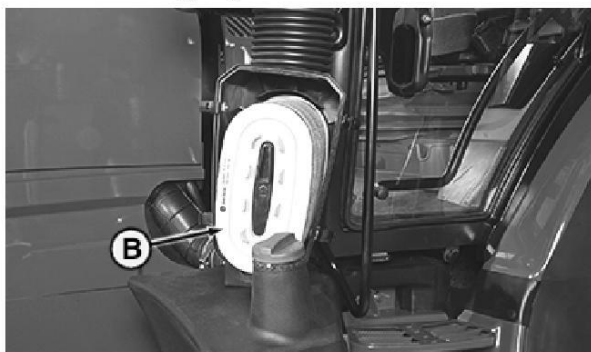
Every time the engine primary air cleaner is changed, the cab air filters must be changed also.

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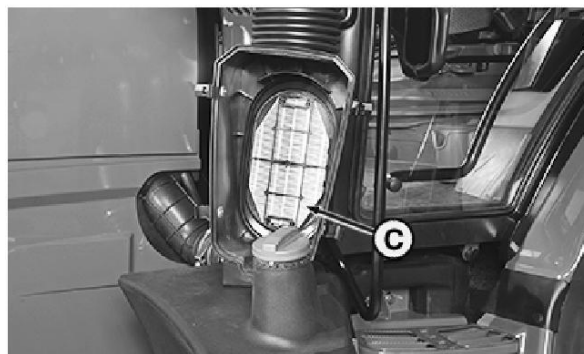
Change Secondary (Safety) Element



LX266893-UN: Secondary (Safety) Element



LX266894-UN: Secondary (Safety) Element



LX266895-UN: Secondary (Safety) Element

LEGEND:

- A-Flap Cover**
- B-Primary Filter Element**
- C-Safety Element**

NOTE:

The secondary filter must be changed no later than at every fourth change of the primary filter, or every 4500 hours or 5 years.

Open flap (A) and remove primary filter (B).

Replace the secondary filter (C) and make sure it is properly seated.

Install the primary filter and close the flap.

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