

John Deere Tractors Models 6145M, 6155M, 6175M, 6195M Tier 2 Service Repair Technical Manual (TM408619)

903M, 953M, 959M Tracked Feller Buncher Repair

(PIN: 1T09__MX__C317982—;
PIN: 1T09__MX__D317982—)



JOHN HARE



COLLECTION

REPAIR MANUAL

903M, 953M, 959M Tracked Feller Buncher
(PIN:1T09__MX__C317982—; PIN: 1T09__MX__D317982—)

TM14264X19 01DEC18 (ENGLISH)

For complete service information also see:

903M, 953M, 959M Tracked Feller Buncher Operation and
Test..... TM14263X19
Power



Covers: 6145M,6155M,6175M,6195M

Type: Service Manual

Language: English

Pages: 1442

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 Tractors Models 6145M, 6155M, 6175M, 6195M Tier 2 Service Repair Technical Manual (TM408619)**

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.

Axle Shaft, Bearings, and Reduction Gears

Final Drive Remove and Install

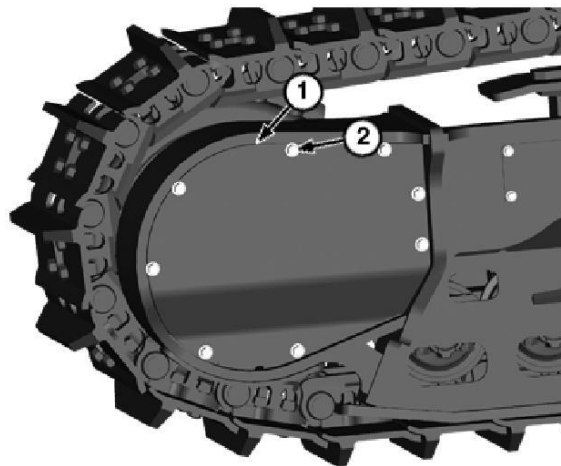
SPECIFICATIONS	
Final Drive Oil Capacity (each)	4.8 L 1.3 gal.
Travel Motor Cover Weight (approximate)	26 kg 58 lb.
Final Drive GTF 60 Weight (approximate)	260 kg 573 lb.
Final Drive GTF 80 Weight (approximate)	405 kg 893 lb.
Final Drive GTF 110 Weight (approximate)	505 kg 1114 lb.
Final Drive Cap Screw Torque	500 N·m 368 lb.-ft.

REMOVAL

1. Park and prepare machine for service. [See Park and Prepare for Service Safely.](#) (Group 0001.)
2. Turn battery disconnect switch to OFF position. [See Battery Disconnect Switch](#) - document OMT401135X19 - (Operator's Manual.)
3. Install vacuum pump. [See Vacuum Pump Installation](#) - document TM14263X19 - (Group 9025-25.)
4. Remove track chain. [See Track Chain Remove and Install.](#) (Group 0130.)
5. Remove sprocket. [See Sprocket Remove and Install.](#) (Group 0130.)
6. Drain final drive oil. [See Drain and Refill Track Drive Planetary Oil](#) - document OMT401135X19 - (Operator's Manual.)

Item	Measurement	Specification
Final Drive Oil	Capacity (each)	4.8 L 1.3 gal.

7.  **CAUTION:**
Prevent possible crushing injury from heavy component. Use appropriate lifting device.



TX1175182A-UN: Travel Motor Cover

LEGEND:

- 1-Travel Motor Cover**
- 2-Cap Screw (8 used)**

Attach appropriate lifting device and remove travel motor cover (1).

Item	Measurement	Specification
Travel Motor Cover	Weight (approximate)	26 kg 58 lb.

8. Remove travel motor. [See Travel Motor Remove and Install.](#) (Group 0260.)



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