

# John Deere 3154G (SN. F310001-) Forestry Excavator Repair Technical Service Manual (TM14026X19)

**3154G Forestry  
Excavator Repair**  
(PIN: 1FF3154G\_ \_F310001—)



JOHN HARE



COLLECTION

**REPAIR TECHNICAL MANUAL**

**3154G Forestry Excavator (PIN: 1FF3154G\_ \_F310001—)**

TM14026X19 01DEC18 (ENGLISH)

For complete service information also see:

3154G Forestry Excavator Operators Manual..... OMT351759X19  
3154G Forestry Excavator Operation and Test..... TM14025X19  
6090 PowerTech™ OEM Diesel Engines (Final Tier 4/  
Stage IV platform) ..... tm117719  
JDLink™ 2G / 3G MTG Tec..... 19



Worldwide Construction and  
Forestry Division

**Covers:** 3154G,1FF3154G\_ \_F310001 (???)

**Type:** Service Manual

**Language:** English

**Pages:** 389

**Format:** PDF

**Features:** Bookmarked, searchable, printable

**Compatibility:** Windows/Mac/Tablet/Mobile

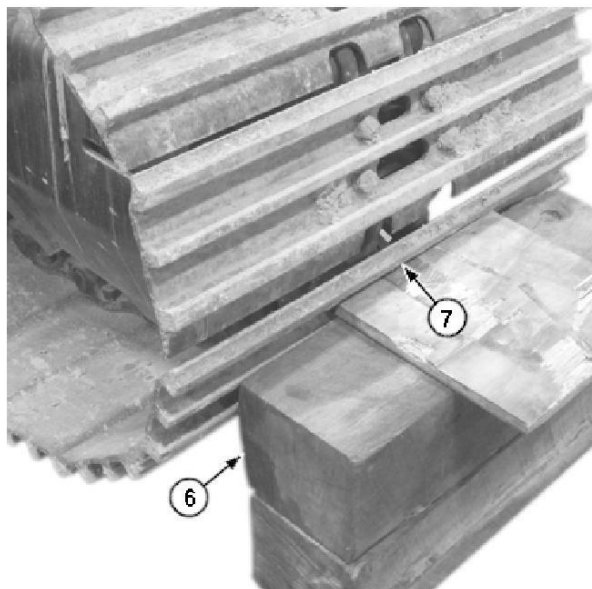
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 3154G (SN. F310001-) Forestry Excavator Repair Technical Service Manual (TM14026X19)**

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.



9. TX1098614A-UN: Blocking Track Grouser

**LEGEND:**

**6-Wood Block**

**7-Grouser**

Place wood block (6) in front of track to catch bar on grouser (7).

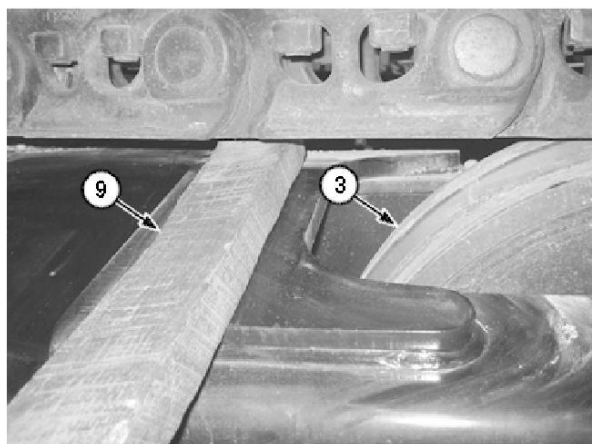


**10. CAUTION:**

Prevent possible injury from unexpected machine movement. Alert bystanders to stay clear before performing procedure.

To relieve track tension, start machine and slowly rotate track so grouser mounts wood block and idler retracts.

11. Remove track shoes on each side of track chain master pin. See Track Shoe Remove and Install. (Group 0130.)



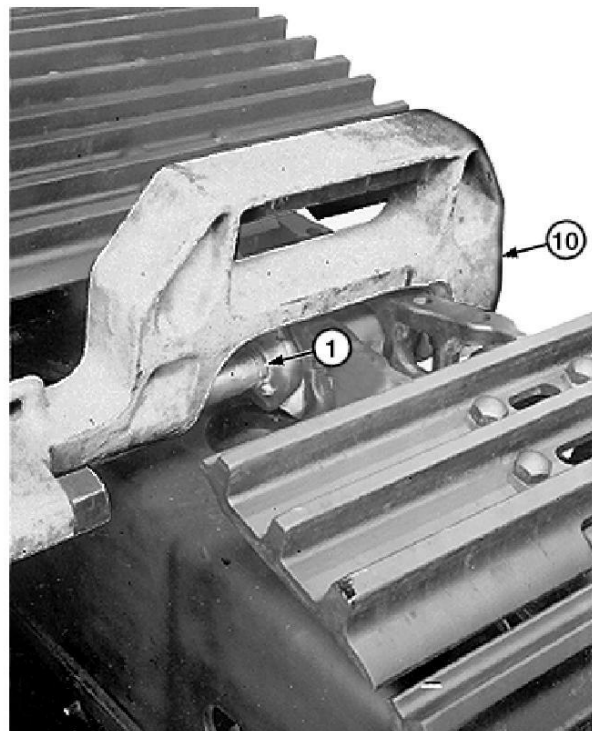
12. TX1098851A-UN: Wood Block Supporting Track Chain

**LEGEND:**

**3-Front Idler**

**9-Wood Block**

Support track chain with wood block (9) so track chain does not fall when master pin is removed.



13. TX1201216A-UN: Master Pin Removal Using Track Press

**LEGEND:**

**1-Master Pin**

**10-D01063AA Pusher and Installer, Master King Pin**

Remove master pin (1) using D01063AA Pusher and Installer, Master King Pin (10).



**14. CAUTION:**

Prevent possible crushing injury from heavy component. Use appropriate lifting device.



TX1098615A-UN: Front Idler

**LEGEND:**

**3-Front Idler**

Use appropriate lifting device to remove track from front idler (3) end.

Item	Measurement	Specification
Track Chain 660 mm	Weight (approximate)	1476 kg 3254 lb
Track Chain 800 mm	Weight (approximate)	2484 kg 5476 lb



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