John Deere 950K Crawler Dozer Repair Technical Manual (TM14358X19)

950K Crawler Dozer Repair

PIN: 1T0950KP_ _F334109—
PIN: 1T0950KS_ _F339000—
PIN: 1T0950KL_ _F339000—
PIN: 1T0950KX_ _F339000—

JOHN HARE

COLLECTION

REPAIR TECHNICAL MANUAL
950K Crawler Dozer
(PIN: 1T0950KP_ _F334109—, PIN: 1T0950KS_ _F339000—,
PIN: 1T0950KL_ _F339000—, PIN: 1T0950KX_ _F339000—)

TM14358X19 30NOV19 (ENGLISH)

For complete service information also see:

Worldwide Construction and
Forestry Division

Covers: 950K,1T0950KP_,_F334109,1T0950KS_,_F339000

Type: Service Manual
Language: English
Pages: 424
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 950K Crawler Dozer Repair Technical Manual (TM14358X19)**

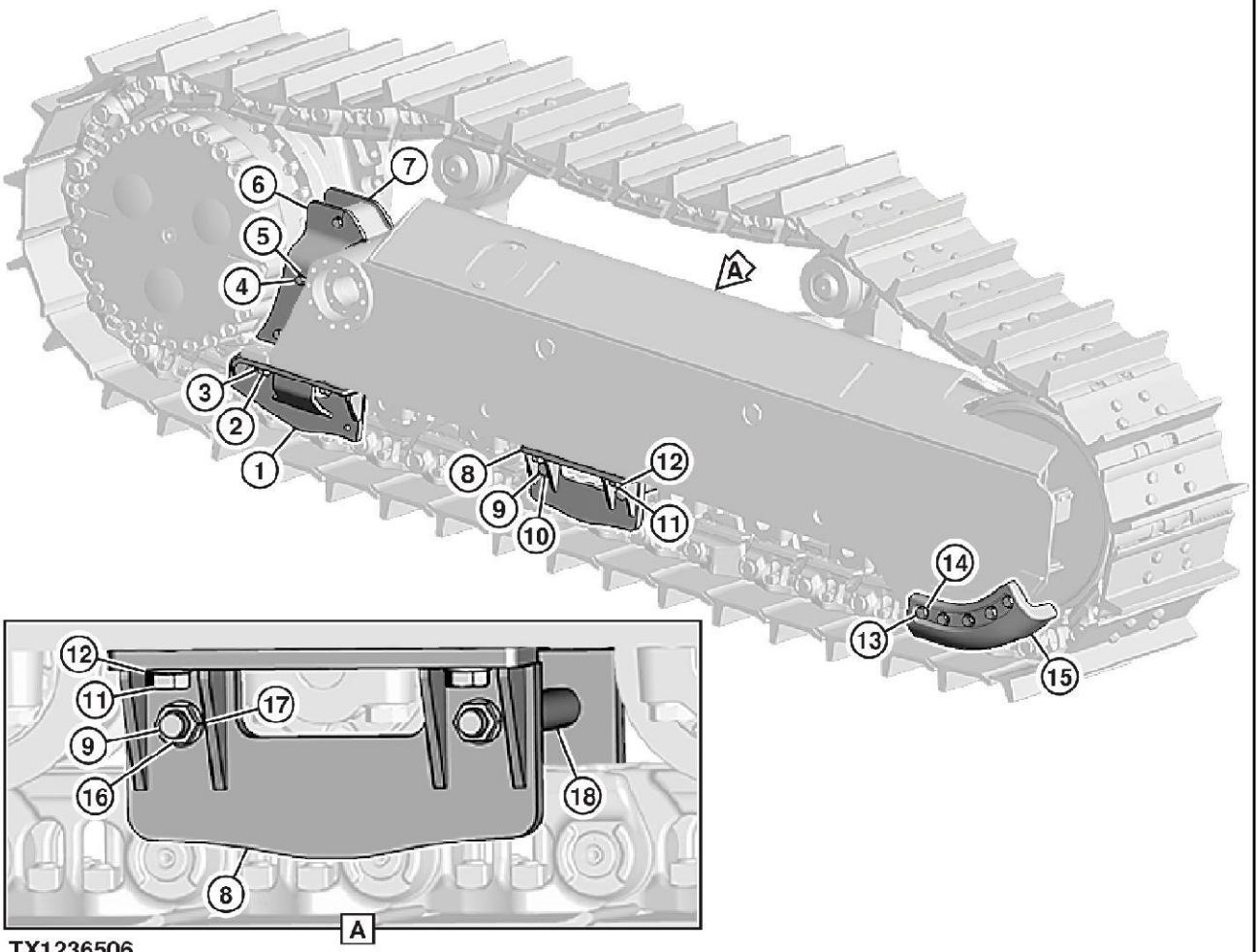
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

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.

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



TX1236506

TX1236506-UN: Track Guides (right track shown)

LEGEND:

1-Rear Track Guide (2 used)
2-Cap Screw (8 used)
3-Washer (8 used)
4-Cap Screw (6 used)
5-Washer (6 used)
6-Outer Sprocket Guard
7-Inner Sprocket Guard
8-Center Track Guide (2 used)
9-Cap Screw (2 used)
10-Washer (2 used)
11-Cap Screw (4 used)
12-Washer (4 used)
13-Cap Screw (10 used)
14-Washer (10 used)
15-Front Track Guide (2 used)
16-Nut (2 used)
17-Washer (2 used)
18-Spacer (2 used)

Using appropriate lifting device, remove front track guides (15).

Item	Measurement	Specification
Front Track Guide	Weight	37 kg 82 lb

4. Remove rear track guides (1).
5. Remove center track guides (8).
6. Remove outer sprocket guard (6).
7. Remove inner sprocket guard (7).
8. Clean and inspect parts. Repair or replace as necessary.

INSTALLATION

23. Advance left ram until left split link contacts the saddle. Advance right ram until it stops to press split link and bushing assembly together.

24. T96275-UN: Bushing Projection
Measure bushing projection from shoulder of link using a depth micrometer. Bushing projection determines clearance between overlapping links and proper spacing of link bolt holes.

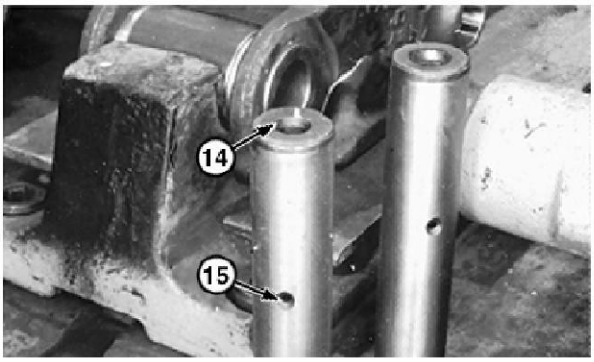
Item	Measurement	Specification
Bushing Projection	Height	1.63—1.89 mm 0.064—0.074 in

25. If bushing projection does not meet specification, check pressure setting or adjust shim packs behind plungers. Only the first two joints must be checked for proper bushing projection.

26. T96276-UN: Track Chain Lubricant
Apply track chain lubricant to bushing ends before next set of links are installed.

IMPORTANT:

27. **Pins must be installed so cross-drilled (15) hole is toward link wear surface or they may break when chain is used. To make assembly easier, install all pins so holes in the end are toward the same side of chain.**



TX1155118A-UN: Cross-Drilled Hole
LEGEND:
14-End Hole
15-Cross-Drilled Hole
Install pin in bushing so cross-drilled hole (15) is toward link wear surface. Install all pins so end hole (14) is toward the same side of chain, either left or right.

28. T96278-UN: Thrust Ring
Install a thrust ring on each end of pin.

29. Move completed split link assembly to rear seat of saddle.

30. T96279-UN: Aviation Sealant
Apply PM1525607 Aviation Sealant or an equivalent to the link bore. The sealant prevents loss of vacuum or lubricant leakage through the pin to link joint.