



# Service Repair Manual

## **Models**

D11T CARRY DOZER  
TRACK-TYPE TRACTOR

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Product: TRACK-TYPE TRACTOR

Model: D11T TRACK-TYPE TRACTOR JEL

Configuration: D11T TRACK-TYPE TRACTOR JEL00001-UP (MACHINE) POWERED BY C32 Engine

## Disassembly and Assembly D11T Track-Type Tractor Power Train

Media Number -KENR5620-00

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i06671320

# Track Roller Frame - Disassemble

SMCS - 4151-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	105-3349	Strap	1
B	3S-6224	Electric Hydraulic Pump Gp	1
	6V-3175	Hydraulic Cylinder Gp	1
	4C-9634	Puller Stud	1
	5P-7270	Sleeve	1
	1P-1840	Bearing Puller Adapter	1
	9U-6832	Nut	1
	3H-0467	Puller Washer	1
C	FT-1713	Wedge	1
D	2D-1201	Eyebolt	1

### Start By:

- a. Remove the track roller frame or the front track roller frame. Refer to Disassembly and Assembly, "Track Roller Frame - Remove".
  - b. Remove the idlers. Refer to Disassembly and Assembly, "Idlers - Remove".
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## NOTICE

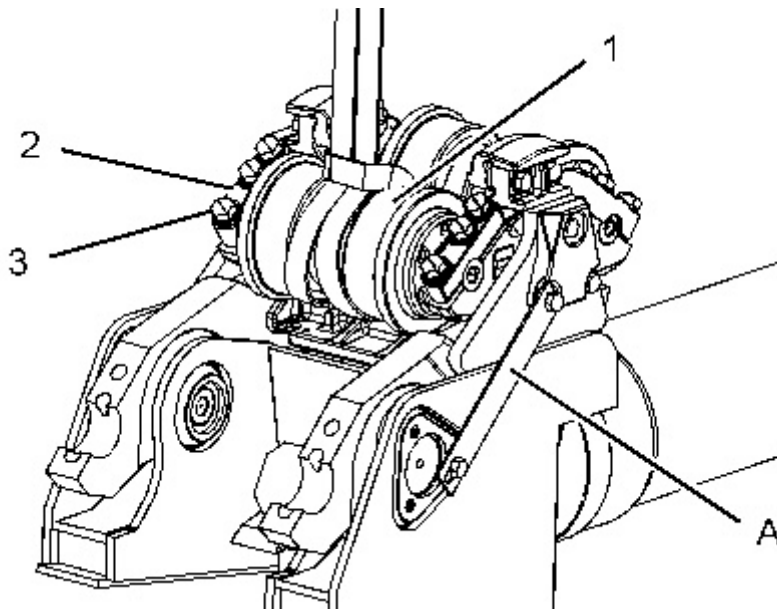
Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat® products.

Dispose of all fluids according to local regulations and mandates.

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**Note:** The disassembly procedure for the track roller frame and the front track roller frame is the same procedure. Only the front track roller frame is shown.



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Illustration 1

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1. Fasten a suitable lifting device to track roller (1).
2. Remove bolts (3) and caps (2) and remove the track roller. The weight of track roller is approximately 179 kg (394 lb).

**Note:** Special Spirallock threads are used on the minor bogies with caps with 2 bolts. Spirallock threads provide improved bolt retention. Use special Spirallock taps to chase the threads in these holes. The use of standard taps in these holes will eliminate the Spirallock feature. This will cause the bolts to loosen.

3. Remove Tooling (A) from the track roller frame.
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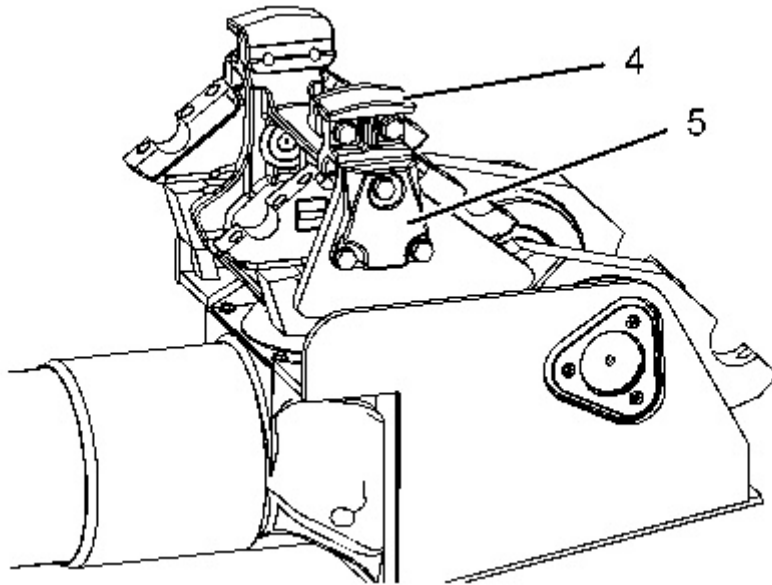


Illustration 2

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4. Remove guides (4) and covers (5) from both sides of the track roller frame.

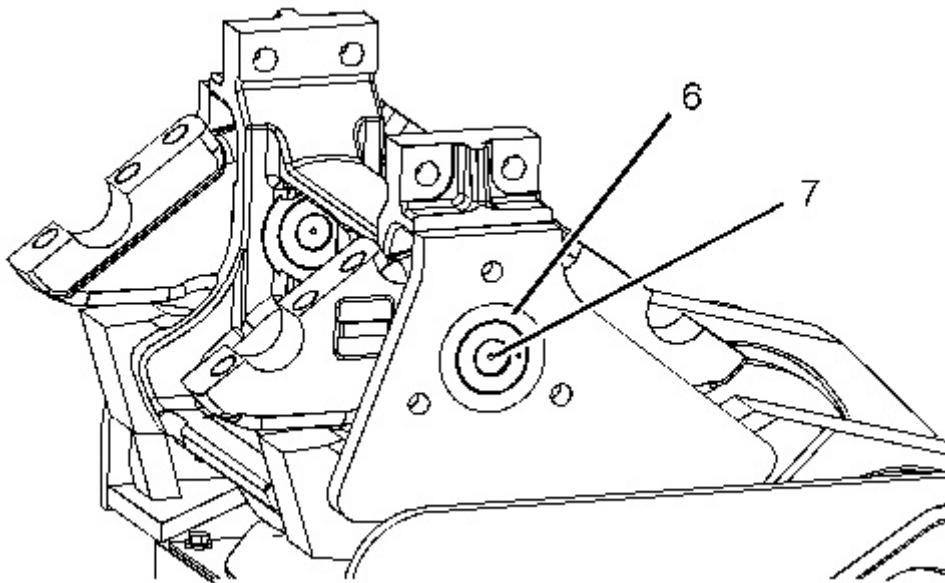


Illustration 3

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**Note:** There will be a loss of oil when the stoppers and plug (7) are removed from pin assembly (6).

5. Use a drill and remove the stoppers and plugs (7) from both ends of pin assembly (6).

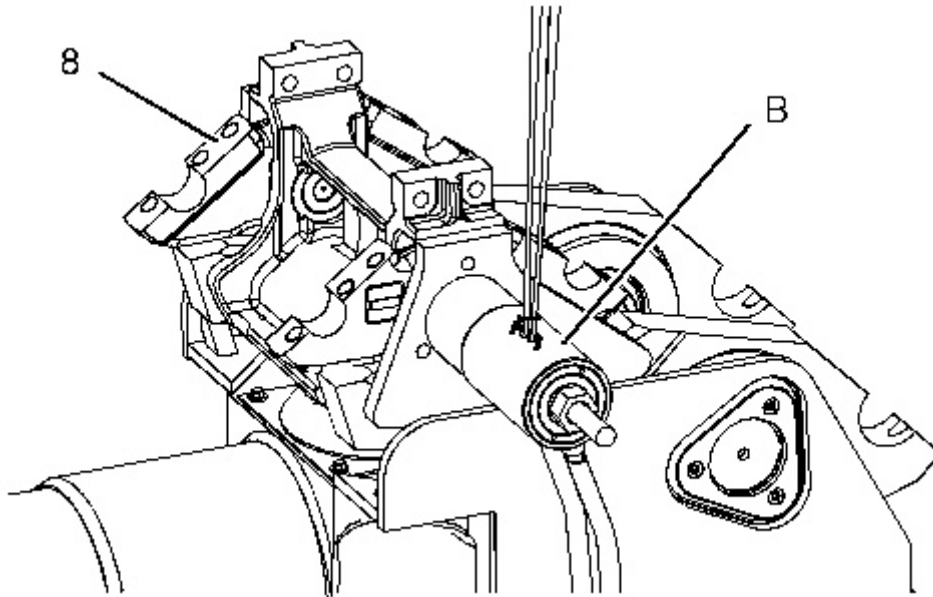


Illustration 4

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6. Put Tooling (B) in position. Fasten a suitable lifting device to Tooling (B). The combined weight of the pin assembly and Tooling (B) is approximately 45 kg (100 lb).
7. Use Tooling (B) to remove the pin assembly that holds minor bogie (8) to the major bogie.



Illustration 5

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8. Fasten a suitable lifting device to minor bogie (8). Remove minor bogie (8). The weight of minor bogie (8) is approximately 39 kg (86 lb).

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