



Service Repair Manual

Models

D11T TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D11T TRACK-TYPE TRACTOR GEB

Configuration: D11T TRACK-TYPE TRACTOR GEB00001-UP (MACHINE) POWERED BY C32 Engine

Disassembly and Assembly D11T Track-Type Tractor Power Train

Media Number -REN8226-03

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i07255461

Track Roller - Remove and Install

SMCS - 4180-010

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	105-3349	Strap	1
B	504-9791	Lift Gp (60Hz) ⁽¹⁾	2
	OR		
	504-9793	Lift Gp (50Hz) ⁽²⁾	2
C	183-4799	Lifting Fork	1

⁽¹⁾ High-Voltage (480V) Low-Voltage (240V)

⁽²⁾ High-Voltage (400V) Low-Voltage (200V)

1. Release the track tension. Refer to Operation and Maintenance Manual, "Track - Check/Adjust".
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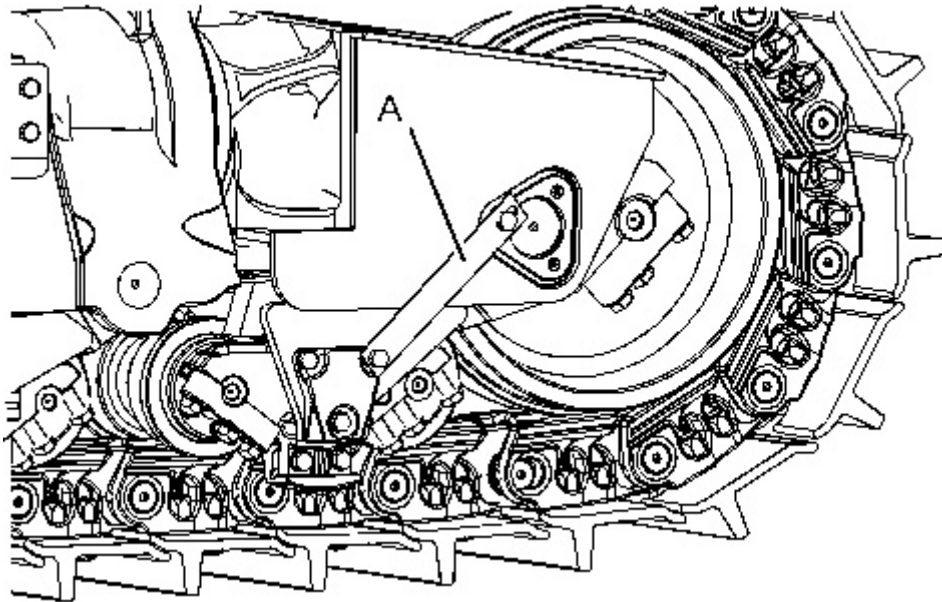


Illustration 1

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2. Attach Tooling (A) to hold the major bogies in position.

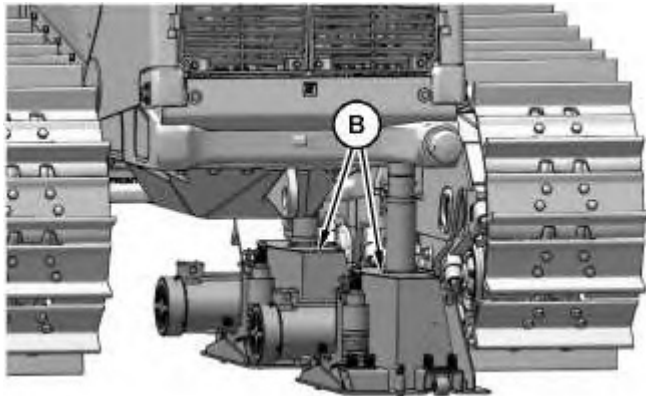


Illustration 2

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Typical Example

3. Use Tooling (B) to lift the tractor. Use Tooling (B) to support the tractor during the removal procedure. Refer to Tool Operating Manual, NEHS1303, "Lift Group (Stand - 25 Ton)" for more information.

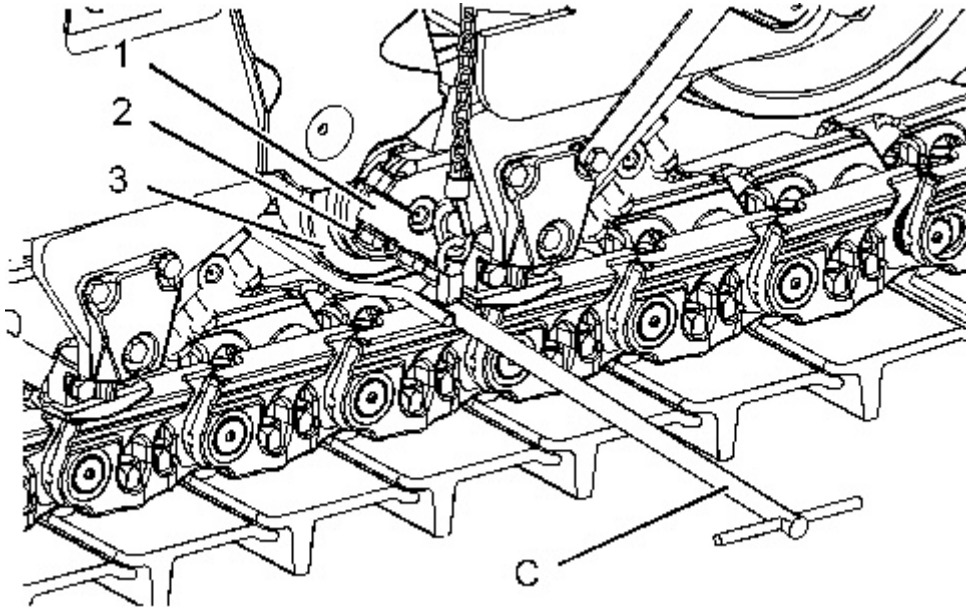


Illustration 3

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4. Use Tooling (C) and a suitable lifting device to support track roller (3) during the removal procedure. The weight of track roller (3) is approximately 171 kg (377 lb).
5. Remove bolts (2) and cap (1). Bolts (2) and cap (1) hold the track roller to the minor bogie. Repeat Step 5 for the bolts and the cap on the other side of the track roller.
6. Use Tooling (C) and the suitable lifting device to remove track roller (3) from the minor bogie.

Installation Procedure

Table 2

Required Tools			
Tool	Part Number	Part Description	Qty
A	105-3349	Strap	1
B	504-9791	Lift Gp (60Hz) ⁽¹⁾	2
	OR		
	504-9793	Lift Gp (50Hz) ⁽²⁾	2
C	183-4799	Lifting Fork	1
D	-	Loctite C5A Copper Anti-Seize	-

⁽¹⁾ High-Voltage (480V) Low-Voltage (240V)

⁽²⁾ High-Voltage (400V) Low-Voltage (200V)

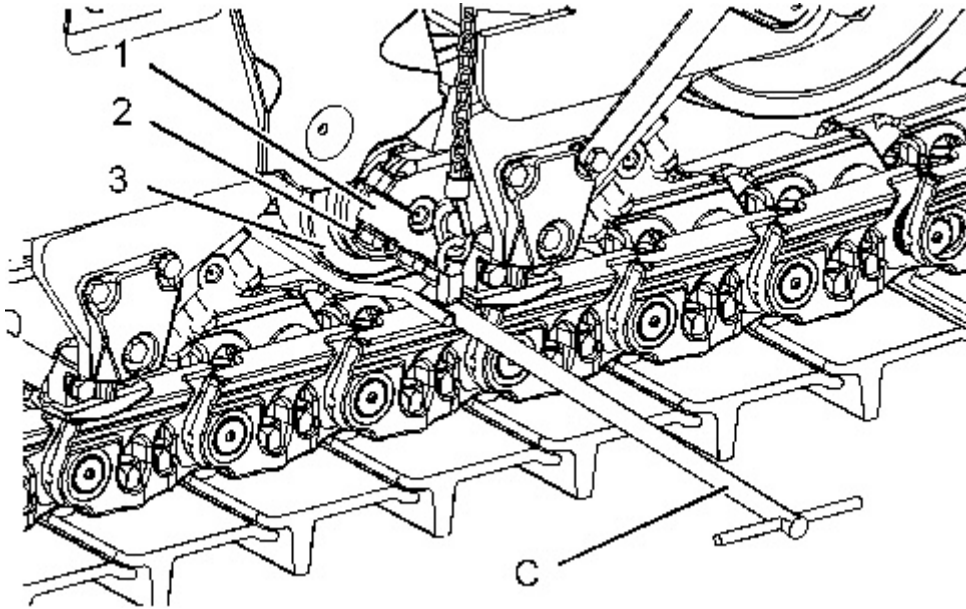


Illustration 4

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1. Use Tooling (C) and a suitable lifting device to position track roller (3) on the minor bogie. The weight of track roller (3) is approximately 171 kg (377 lb).

Note: Tighten bolts (2) on the abutment side first.

2. Apply Tooling (D) to the threads of bolts (2). Install cap (1) and bolts (2). Tighten bolts (2) to a torque of $2200 \pm 200 \text{ N}\cdot\text{m}$ ($1623 \pm 148 \text{ lb ft}$). Repeat Step 2 for the cap and for the bolts on the other side of the track roller.

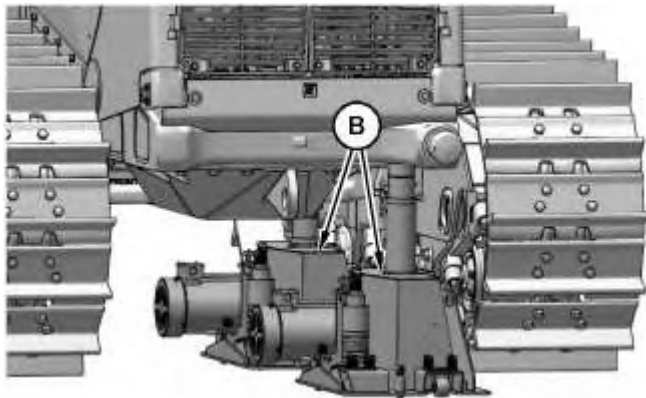


Illustration 5

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Typical Example

3. Use Tooling (B) to lower the tractor to the ground. Remove Tooling (B). Refer to Tool Operating Manual, NEHS1303, "Lift Group (Stand - 25 Ton)" for more information.

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