



Service Repair Manual

Model

320C and 320C L 320CL Excavator

Product: EXCAVATOR

Model: 320C EXCAVATOR PAB

Configuration: 320C & 320C L Excavators PAB00001-UP (MACHINE) POWERED BY 3066 Engine

Disassembly and Assembly 320C Excavator Machine Systems

Media Number -REN3826-16

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i02044033

Track - Connect

SMCS - 4170-077

Connection Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	5P-6214	Track Block Assembly	1
B	1U-7630	Impact Socket	1
C	3S-6224	Electric Hydraulic Pump (115 Volt) ⁽¹⁾	1
	8T-0820	Hydraulic Pressure Gauge	1
	3B-7722	Pipe Bushing	2
	1P-2376	Quick Connect Coupler	2
	1P-2377	Dust Plug	2
	6D-7726	Hose Assembly	2
	5P-2379	Track Press Tool Gp	1
	8S-7172	Double Acting Cylinder	
	8S-9903	Track Press Rollover Gp	
D	1P-3545	Coupler for Track Chain	1
E	1P-3533	Bar	1
F	5P-0960	Molybdenum Grease	1
G	5F-9447	Pilot Pin	1

⁽¹⁾ **8S-8033** Electric Hydraulic Pump (230 Volt) is available.

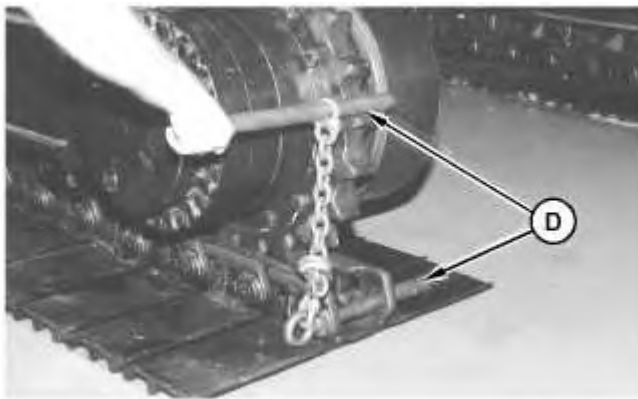


Illustration 1

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1. Install Tooling (D) in the track link and on the sprocket, as shown.
2. Start the machine. Move the sprocket forward until the track assembly is pulled up on the sprocket. Move the sprocket forward until the end of the track assembly is past a vertical line through the center of the sprocket. Remove Tooling (D).

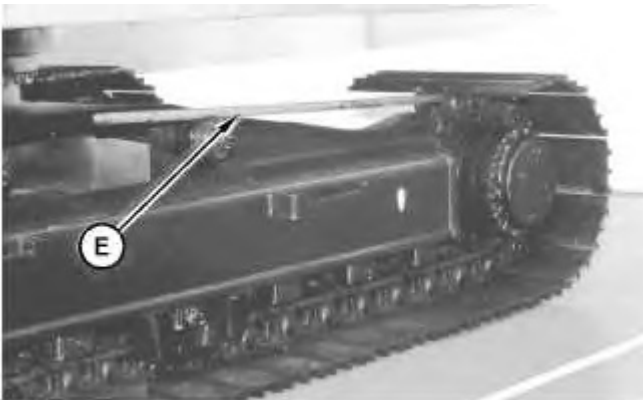


Illustration 2

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3. Install Tooling (E) between the first bushing in the track link and the track shoe, as shown.
 4. Move the sprocket forward. Use Tooling (E) to guide the track assembly over the carrier rollers and the front idler.
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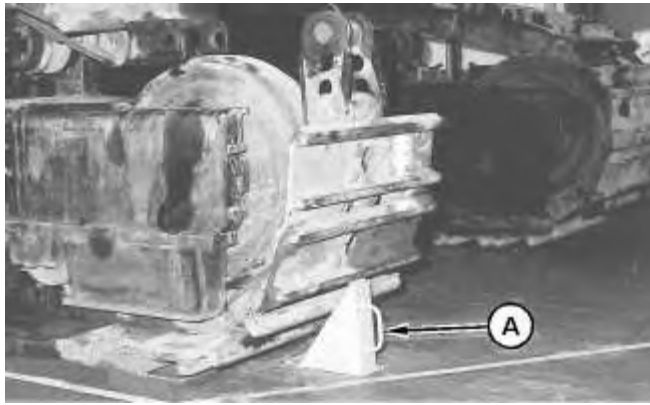


Illustration 3

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Typical example

5. Use a suitable lifting device to raise the front of the track assembly. Install Tooling (A) in position under the track shoe, as shown.
6. Apply Tooling (F) on two track bushings. Install the bushings in the track links. The grease will hold the bushings in place.
7. Apply Tooling (F) in the master pin bores in the track assembly and on the master pin.
8. Connect the ends of the track assembly. Make sure that the pin bore in each end of the track assembly is aligned with each other.

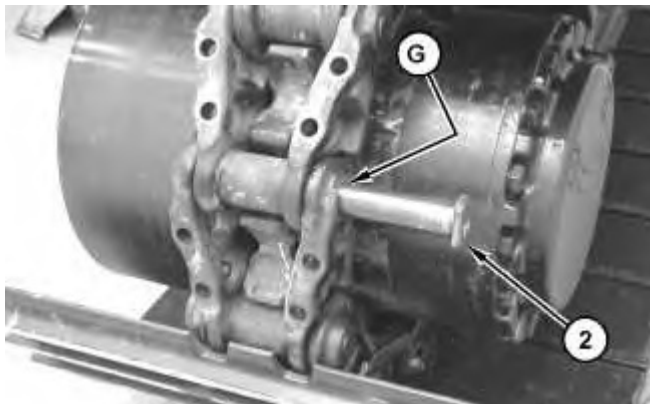


Illustration 4

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9. Install Tooling (G) in the track assembly. Make sure that Tooling (G) is centered in the track links. Use Tooling (G) and a hammer to install master pin (2).

Note: If you can not install master pin (2) with the hammer, use Tooling (C) to install master pin (2). Refer to Illustration 5.

10. Install the cotter pin in the master pin. Remove Tooling (A) from the rear of the track assembly.

Note: Refer to Special Instruction, "Track - Assembly" for further information regarding Tooling (C).

11. If the track shoe on each side of the master pin was removed, reinstall the track shoes. Use Tooling (B) to reinstall the track shoe mounting bolts.
12. Tighten the tension of the track. Refer to Operation and Maintenance Manual, "Track Adjustment - Adjust" for the correct procedure.

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