



Service Repair Manual

Models

320D2 Excavator

Product: EXCAVATOR

Model: 320D2 EXCAVATOR XBB

Configuration: 320D2 Excavator XBB00001-UP (MACHINE) POWERED BY C7.1 Engine

Disassembly and Assembly 323D2 Excavator Machine Systems

Media Number -UENR3338-02

Publication Date -01/07/2017

Date Updated -19/07/2017

i07070474

Track - Connect

SMCS - 4170-077

Connection Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	260-9412	Chain As	1
B	5P-6214	Track Block Assembly	1
C	350-7768	Electric Hydraulic Pump Gp	1
	350-7769	Electric Hydraulic Pump Gp	1
	8T-0820	Hydraulic Pressure Gauge	1
	3B-7722	Pipe Bushing	2
	1P-2376	Quick Connect Coupler	2
	1P-2377	Plug As	2
	6D-7726	Hose As	2
	5P-2379	Track Press Tool Gp	1
	8S-7172	Double Acting Cylinder	1
	8S-9903	Track Press Rollover Gp	1

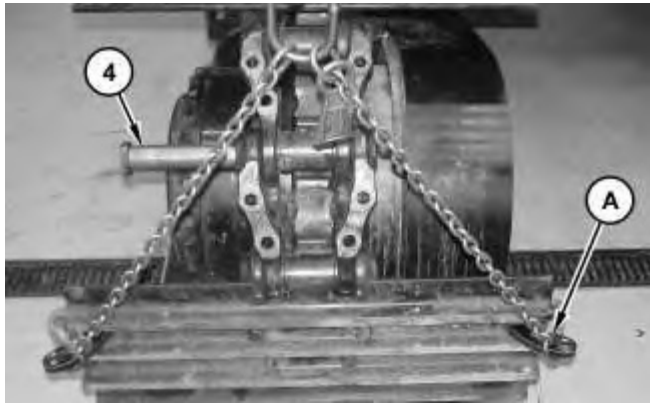


Illustration 1

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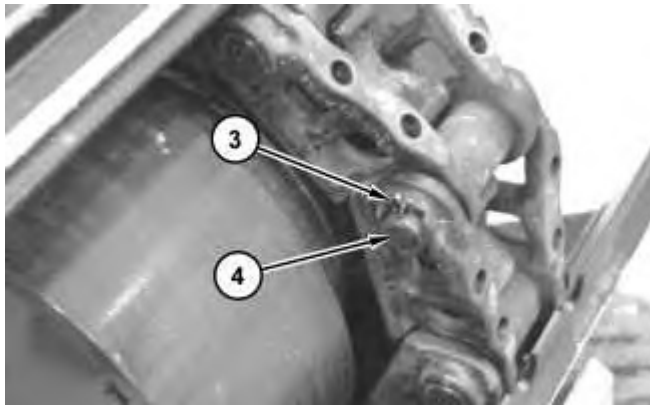


Illustration 2

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1. Use Tooling (A) to raise the track into position.
2. Install pin (4) and cotter pin (3).

Note: If you cannot install pin (4) with a suitable hammer, use Tooling (C) to install pin (4).

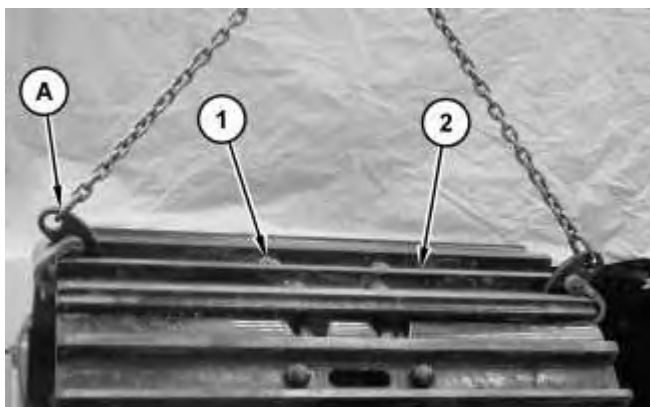


Illustration 3

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3. Install track shoe (2) and bolts (1). Refer to Table 2 for the correct torque specification for bolts (1).

Table 2

Torque Table	
Machine Model	Torque Specification
313, 315, 320, 323, 324, 325, 326, and 329 ⁽¹⁾	400 ± 40 N·m (295 ± 30 lb ft) turn an additional 120° ± 5°
330 and 336 ⁽²⁾	700 ± 40 N·m (516 ± 30 lb ft) turn an additional 120° ± 5°

⁽¹⁾ D series, D2 series, and E series

⁽²⁾ D series, D2 series, and E series

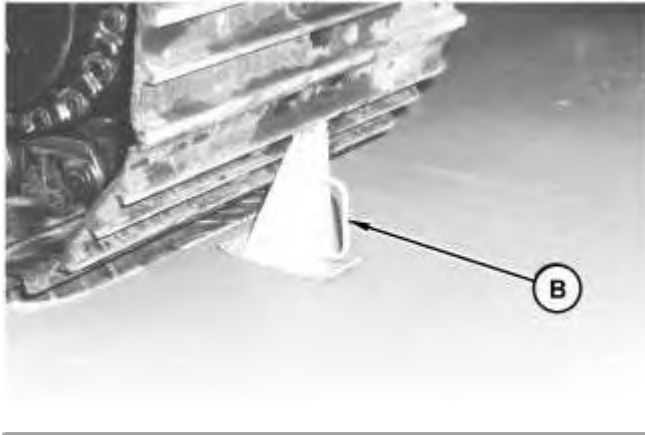


Illustration 4

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4. Remove Tooling (B) from both ends of the track assembly.
5. Adjust the track tension. Refer to Operation and Maintenance Manual, "Track Adjust".

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i02414071

Front Idler and Recoil Spring - Remove

SMCS - 4158-011; 4159-011

Removal Procedure

Start By:

- a. Separate the track assemblies. Refer to Disassembly and Assembly, "Track - Separate".



Illustration 1

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The spring of the recoil spring assembly is compressed under several tons of force.

Do not attempt to compress or release the tension of the spring with the nut on the end of the retaining rod.

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