



Service Repair Manual

Models

320C EXCAVATOR

Product: EXCAVATOR

Model: 320C EXCAVATOR JPL

Configuration: 320C Material Handler JPL00001-UP (MACHINE) POWERED BY 3066 Engine

Disassembly and Assembly 320C Excavator Machine Systems

Media Number -REN3826-16

Publication Date -01/11/2014

Date Updated -30/03/2016

i02606876

Track Carrier Roller - Remove

SMCS - 4154-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	8T-5255	Hydraulic Jack	1

1. Start the engine. Park the machine on a hard, level surface. Shut off the engine.



Personal injury or death can result from grease and oil coming out of the relief valve.

Grease and oil are under high pressure coming out of the relief valve and can penetrate the body.

Do not watch the relief valve to see if grease is escaping. Watch the track or track adjustment cylinder to see if the track is being loosened.

Make sure the vent holes are clean before the tension is released on the track.

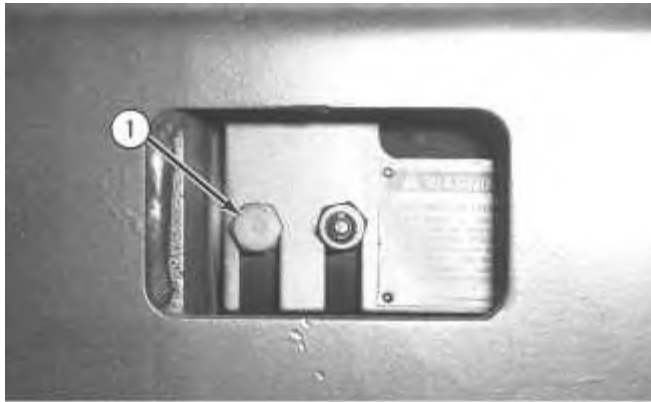


Illustration 1

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2. Release the tension on the track.
3. Loosen relief valve (1) by one turn only. If the track does not loosen after opening the relief valve, move the machine forward and backward until the tension is released.

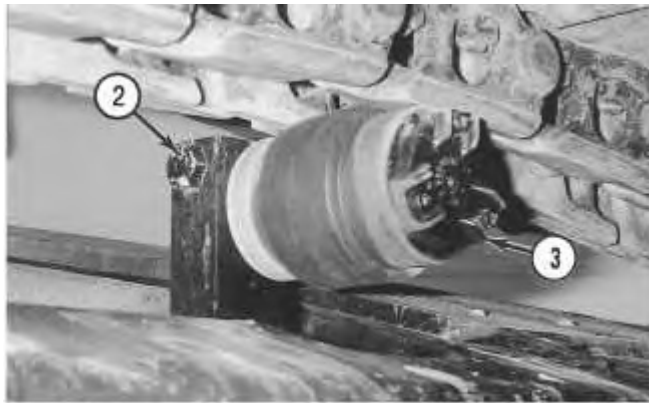


Illustration 2

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4. Loosen bolt (2) that holds track carrier roller (3) to the mounting bracket on the undercarriage.



Illustration 3

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5. Position Tooling (A) and suitable cribbing under the track assembly, as shown.
6. Use Tooling (A) in order to lift the track assembly off the track carrier roller.
7. Remove track carrier roller (3). The weight of track carrier roller (3) is 17 kg (38 lb).

Reference: Refer to Undercarriage Reconditioning Bulletin, SEBF8568, "Hydraulic Excavator Roller Disassemble and Assembly Procedures" for the disassembly and assembly procedures for the track carrier roller.

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Track Carrier Roller - Install

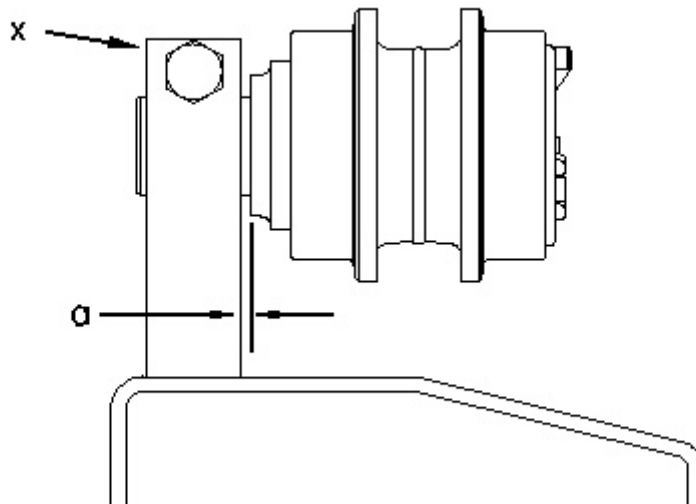
SMCS - 4154-012

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	8T-5255	Hydraulic Jack	1

1. Make sure that the shaft of the track carrier roller and the bore in the mounting bracket on the undercarriage are clean and free of dirt.



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