

Product: TRACK LOADER

Model: 953C TRACK LOADER BBX

Configuration: 953C TRACK-TYPE LOADER BBX00001-UP (MACHINE) POWERED BY 3126B Engine

Disassembly and Assembly 953C Track-Type Loader Power Train

Media Number -REN5648-05

Publication Date -01/04/2010

Date Updated -28/04/2010

i02088344

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
B		76.2 mm (3.0 inch) diameter by 63.5 mm (2.50 inch) long Pin	1
C	183-4797	Lift Fork	1

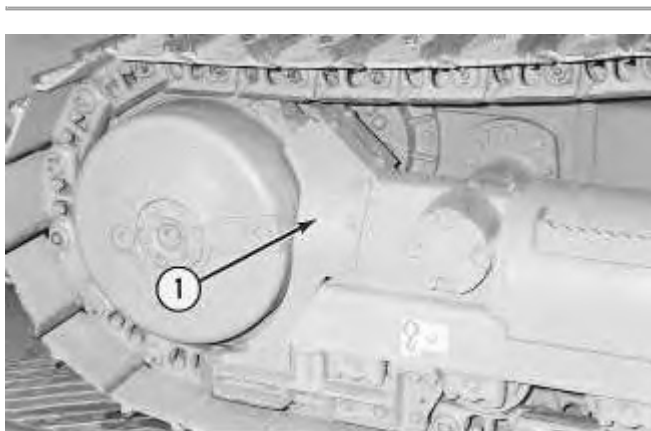


Illustration 1

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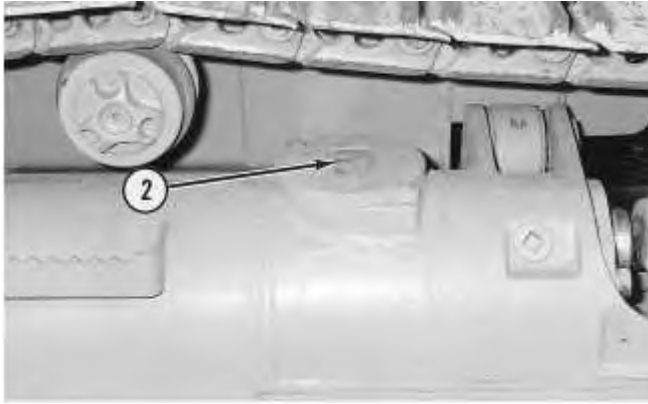


Illustration 2

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1. Remove guard (1) and cover (2) from the track roller frame.

WARNING

Personal injury can result from grease under high pressure.

The adjuster cylinder for the track is under high hydraulic pressure. Grease under high pressure can cause injury.

Do not visually inspect the adjuster to see if grease is released when the valve is opened. Check the rod to see that it moves to the rear into the front support on the track roller frame.

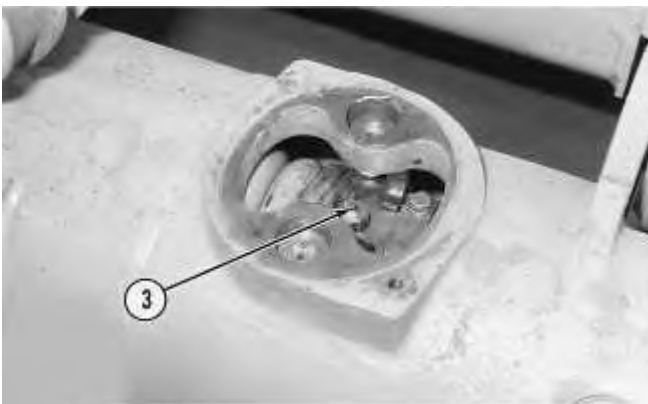


Illustration 3

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2. Loosen the track in the following manner.
 - a. Turn valve (3) for one turn counterclockwise in order to allow the release of grease from the vent. If the track does not loosen start the machine and move the machine forward and backward. Refer to Step 2.b if the track does not loosen.

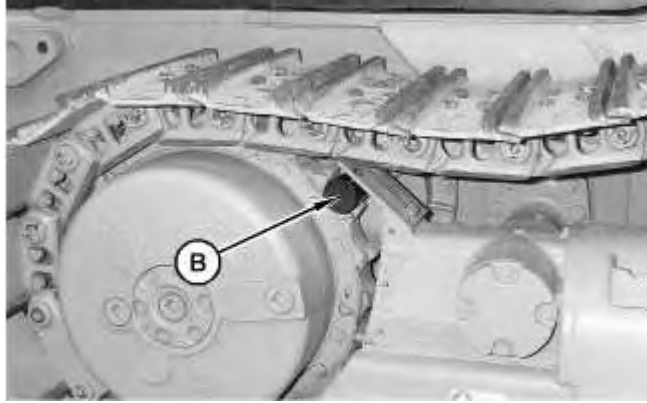


Illustration 4

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- b. Install Tooling (B) between the track and the sprocket segment, as shown. The pin must make contact with a track bushing. Move the machine rearward so that the track will be pushed up by the pin. The pin will tension the track. The front idler and the track adjuster will be pushed against the force of the recoil spring. Refer to Step C if the track does not loosen.

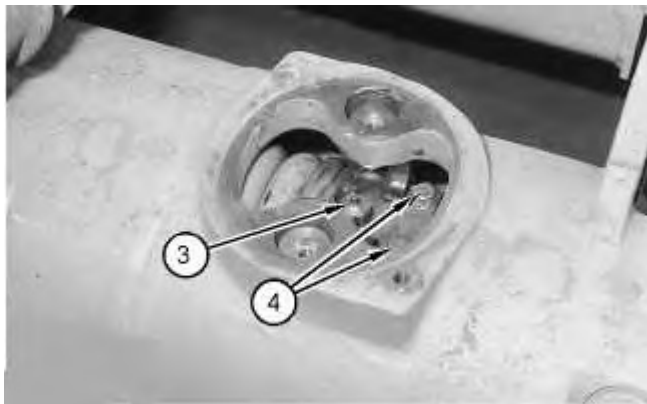


Illustration 5

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- c. Move the machine forward so Tooling (B) does not put tension on the track. Loosen bolts (4) to a distance of 6.4 mm (0.25 inch). Move the machine to the rear so that Tooling (B) will push up the track. Grease will be forced through the secondary bleed hole. This will allow the track to loosen. After the track is loosened, move the machine forward and remove Tooling (B) from the track. Tighten bolts (4) in the track adjuster. Tighten valve (3) in the track adjuster to a torque of $70 \pm 15 \text{ N}\cdot\text{m}$ ($52.0 \pm 11.0 \text{ lb ft}$).

Note: Do not overtighten valve (3). This may cause damage to the valve seat.

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