



Service Repair Manual

Models

931B TRACK LOADER

Product: TRACK LOADER

Model: 931B TRACK LOADER 4SC

Configuration: 931B AND 931B LGP TRACK LOADERS / DIRECT DRIVE / 4SC00001-UP (MACHINE) POWERED BY 3204 ENGINE

Disassembly and Assembly D3B TRACTOR & 931B TRACTOR TYPE LOADER POWER TRAIN

Media Number -SEN7918-02

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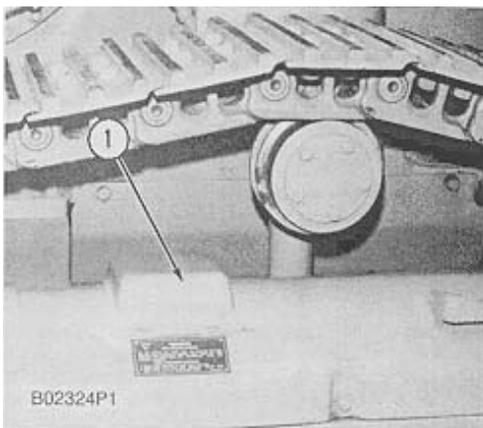
SEN79180003

Track Carrier Rollers

SMCS - 4154-016; 4154-010; 4154-015

Remove And Install Track Carrier Rollers

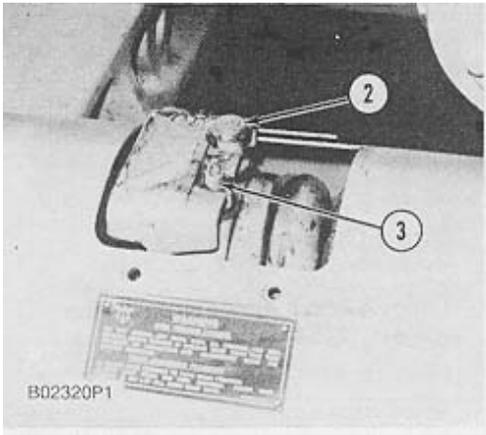
Tools Needed		A
2B9886	Hydraulic Jack	1



1. Remove cover (1).

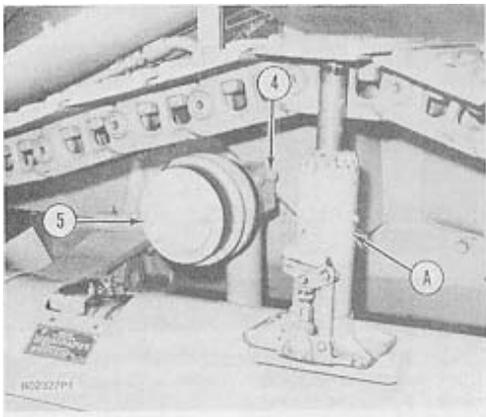
WARNING

The adjuster cylinder for the track is under high hydraulic pressure. Do not visually inspect the relief valve to see if grease is released when it is open. Look to see that the track has loosened. Use this warning any time the tracks are loosened or tightened.



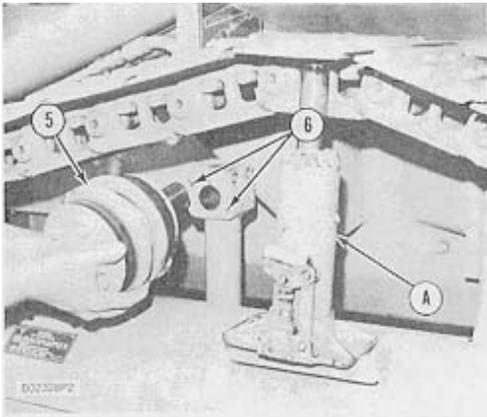
2. Loosen the track as follows:

- a.** Turn the relief valve (2) one turn counterclockwise to permit grease to be released from the vent hole below the relief valve. If the track does not loosen, go to Step b.
- b.** Turn fill valve (3) one turn counterclockwise to permit grease to be released from the vent hole below the fill valve. If the track still does not loosen, start the machine and move it forward and backward. If grease is still not released, go to Step c.
- c.** Install a slug that is 76.2 mm (3 in) in diameter 63.5 mm (2.5 in) long between the track and sprocket segment. Move the machine to the rear so the track will be pushed up by the bar. This will put tension on the track and move the front idler and track adjuster to the rear against the force of the recoil spring. This will push grease out of the vent holes.



- 3.** Install tool (A). Make sure the end of the hydraulic jack is in contact with the flat part of the grouser shoe.
- 4.** Lift the track with tool (A) until it is off of the carrier roller.
- 5.** Remove two bolts and lockwashers (4). Remove carrier roller (5). Weight is 16 kg (35 lb).

NOTE: The following steps are for installation of track carrier rollers.



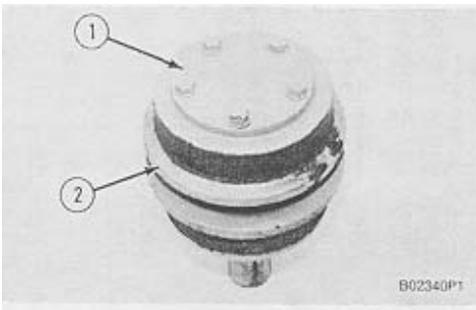
6. Put carrier roller (5) in position on the bracket with the dowels in alignment with holes (6). Install the two lockwashers and bolts that hold it in position.
7. Remove tool (A).
8. Make an adjustment to the track. See the topic, Track Adjustment.
9. Install cover (1) over the hydraulic track adjuster.

Disassemble Track Carrier Rollers

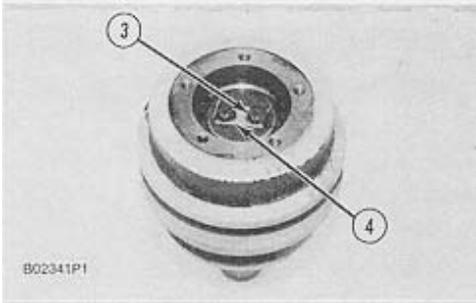
Tools Needed		A	B	C
1P2321	Puller Assembly	1		
8B7560	Step Plate	1		1
8B7554	Bearing Cup Pulier Attachment		1	
8H684	Ratchet Box Wrench		1	1
8B7548	Puller Assembly		1	1
8H663	Bearing Pulier Attachment			1

Start By:

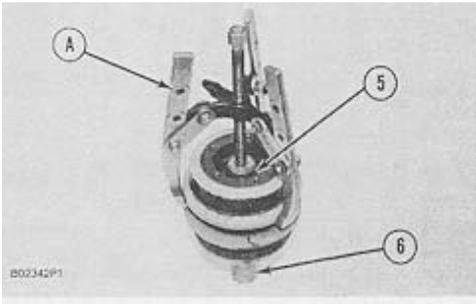
- a. remove track carrier rollers



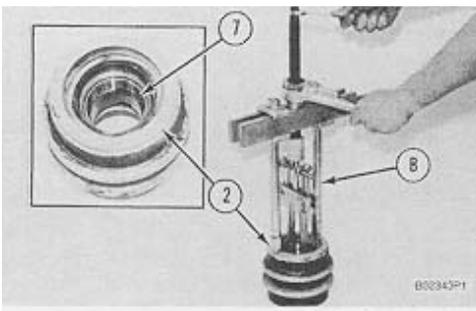
1. Remove cover (1) and the gasket from the track carrier roller (2).
2. Drain the oil from the roller.



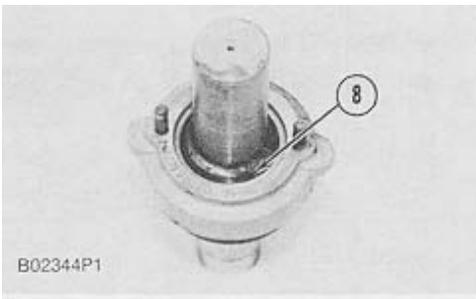
3. Remove two bolts (3) and lock (4). Remove the plate.



4. Use tooling (A) to push shaft assembly (6) out of the roller. Remove bearing cone (5) from the roller.



5. Use tooling (B) to remove bearing cups (7) from the roller.



6. Remove spiral snap ring (8) from the shaft.

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