



Service Repair Manual

Models

D5C TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D5C TRACK-TYPE TRACTOR 6PJ

Configuration: D5C & D5C LGP TRACTORS / POWERSHIFT / 6PJ00001-UP (MACHINE) POWERED BY 3204 ENGINE

Disassembly and Assembly D5C TRACTOR POWER TRAIN

Media Number -SEN5217-00

Publication Date -01/05/1992

Date Updated -26/10/2004

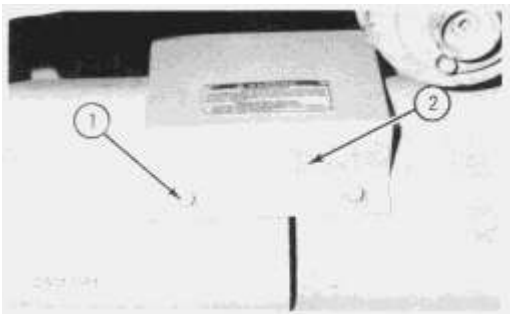
SEN52170003

Track Rollers

SMCS - 4108-010; 4180-015; 4180-016

Remove & Install Track Rollers

Tools Needed		A	B
5P6215	Jack Stank	4	
FT1309	Lifting Fork, Track Roller		1

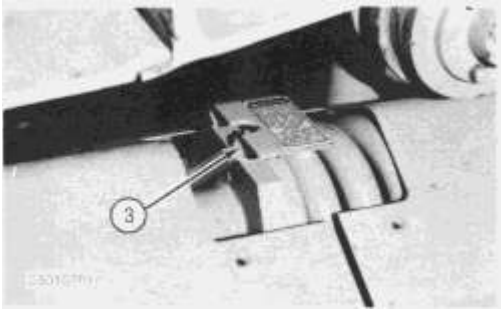


1. Remove four bolts (1) and remove cover (2).



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.

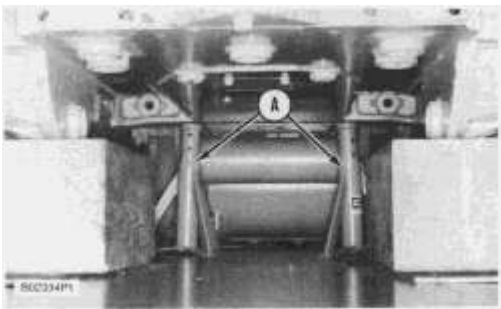


2. Loosen the track as follows:

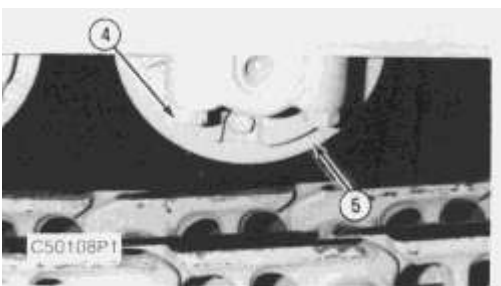
a. Turn relief valve (3) one turn counterclockwise to permit grease to be released from the vent hole below the relief valve. If the track does not loosen, go to Step b.

b. Turn fill valve 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 and **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. Lift the machine until the track rollers are off the track. Put tooling (A) or wood blocks in position under the machine.

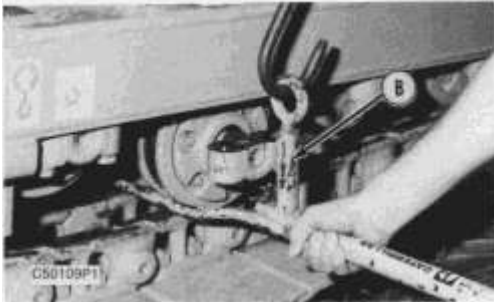


4. Remove four bolts and lockwashers (4). Remove track roller (5). Weight is **34 kg (75 lb)** using tooling (B).

NOTE: The following steps are for installation of track rollers

NOTICE

Remove all paint from the surfaces of the track roller and track roller frame that make contact. If there is paint between the track roller and track roller frame, the bolts that hold the track roller in place can loosen.

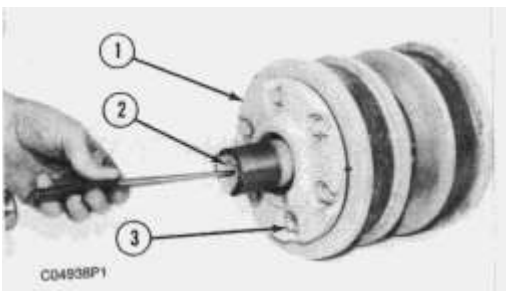


5. Put track roller (5) in position using tool (B). Install the four lockwashers and bolts that hold the roller in place. Tighten the bolts to a torque of $272 \pm 24 \text{ N}\cdot\text{m}$ ($200 \pm 18 \text{ lb ft}$).
6. Remove tooling (A) or wood blocks from under the machine.
7. Make an adjustment to the track. See the Topic, Track Adjustment.
8. Put cover (1) in position and install the bolts that hold it in position.

Disassemble Track Rollers

Start by:

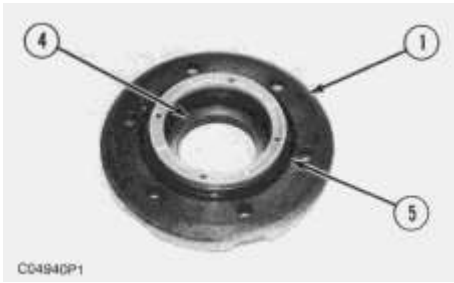
- a. remove track rollers



1. Use a hammer and punch to drive the plug out of stopper (2).

NOTE: Removal of the plug and stopper (2) requires damaging stopper (2).

2. Use a slow speed drill and **12.7 mm (.50 in.)** drill bit to remove stopper (2) from the shaft.
3. Remove bolts (3) and retainer (1) from both sides of the track roller.



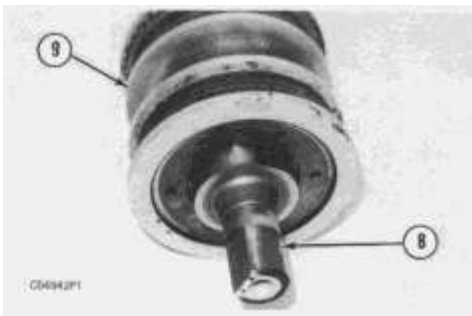
4. Remove O-ring seal (5) from retainer (1).

NOTE: If the Duo-Cone seals are to be reused, put identification marks on the seals to assure that they are installed in their original positions.

5. Remove seal ring (4) from retainer (1). Remove the O-ring seal from seal ring (4).



6. Remove seal ring (6) and toric stabilizer (7) from shaft (8).



7. Remove shaft (8) from track roller (9).

Assemble Track Rollers

Tools Needed		A	B	C	D	E
8T944	Seal Installer	1				
8T945	Alignment Sleeve		1			
5P7419	Plug Installer			1		
FT575	Testing Tool				1	
8S2328	Dial Indicator Test Group					1

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com