

Product: TRACK-TYPE TRACTOR

Model: D8R TRACK-TYPE TRACTOR RJM

Configuration: D8R TRACK-TYPE TRACTOR RJM00001-UP (MACHINE) POWERED BY 3406C Engine

Disassembly and Assembly D8R Track-Type Tractor Power Train

Media Number -UENR1350-01

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i05350080

Track Roller Frame (Front) - Install

SMCS - 4151-012

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Description	Qty
A	9U-7536	Lift Stands	2
	277-7200	Hydraulic Pump	1
B	FT-2213	Strap	1
D	8S-9906	Ratchet Puller Gp	2
E	8T-5071	Seal Guard	1
F	422-2352	Stands (Vehicle Support)	3
G	-	Loctite Hi-Temp Flange Sealant	1
H	FT-1965	Driver	1
J	1U-5753	Seal Starter	1
K	-	Eye Bolts (/2 -13)	2

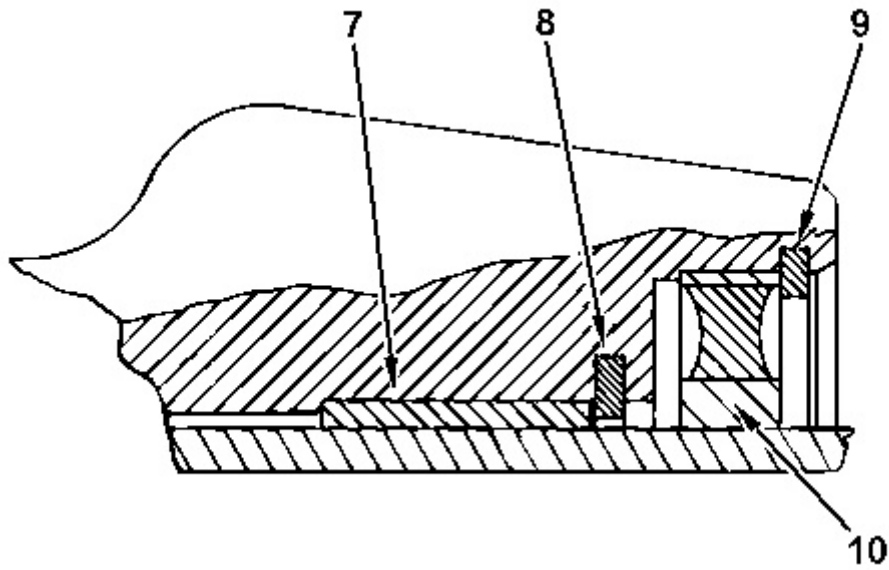


Illustration 1

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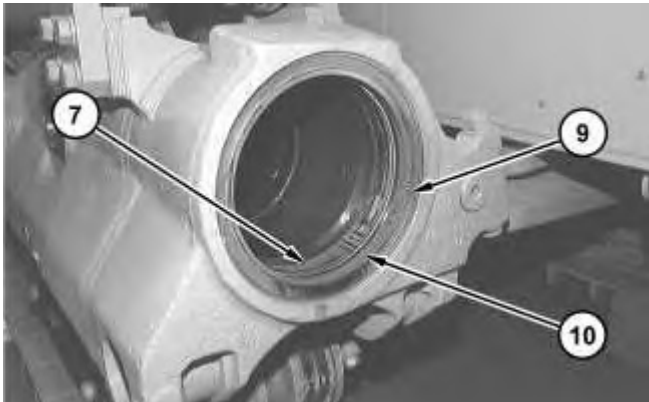


Illustration 2

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1. Install bearing (7) and retaining ring (8) in the rear track roller frame.
Note: The seal bore should be clean and free of dirt, oil, and old adhesive.
2. Apply Tooling (G) to the seal bore.
3. Use Tooling (H) and Tooling (J) to install seal (10) in the rear track roller frame.
4. Install retaining ring (9).

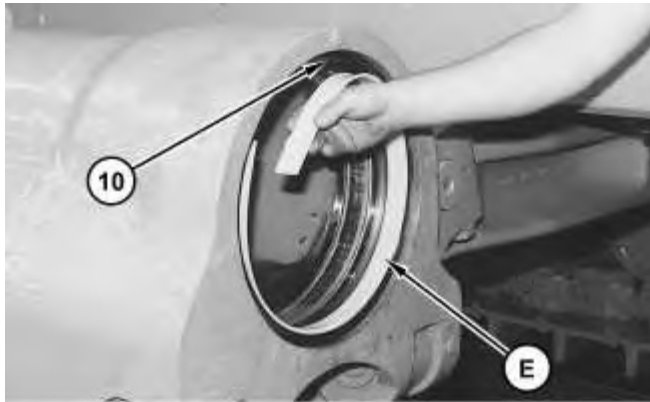


Illustration 3

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5. Install Tooling (E) inside seal (10).

Note: The back leg of Tooling (E) should be in the gap between seal (10) and the track roller frame.

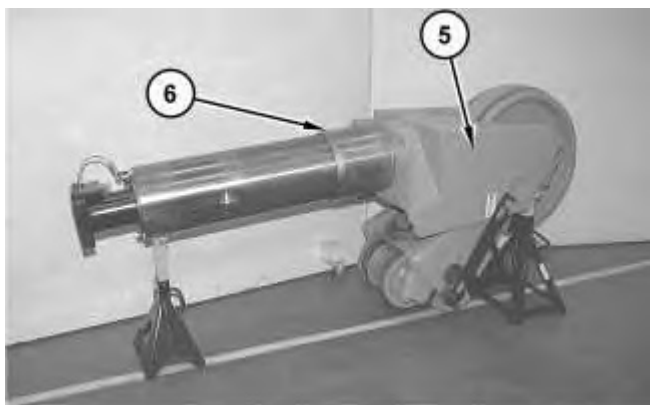
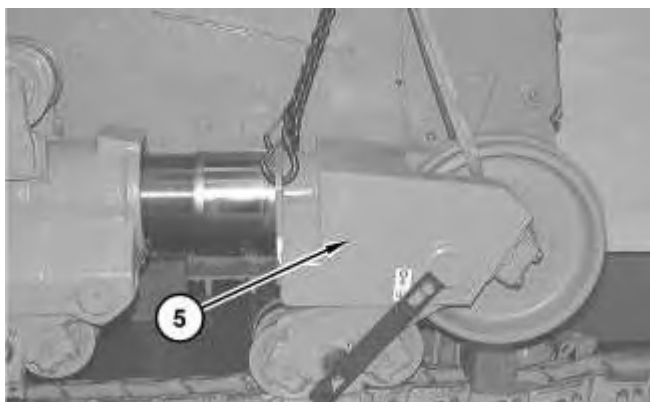


Illustration 4

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6. Apply clean SAE 30W oil to the inside diameter of seal (10).
7. If sleeve (6) was removed, raise the temperature to a maximum of 175 °C (347 °F). Install sleeve (6) on front track roller frame (5). Install sleeve (6) with the taper on the outside diameter toward the rear of front track roller frame (5).



WARNING

Personal injury or death can result from lifting a heavy assembly.

The heavy assembly can fall if using an incorrect hoist to lift the load.

**Be sure the hoist has the correct capacity to lift a heavy assembly.
Approximate weight of the assembly is given below.**

8. Attach a suitable lifting device to front track roller frame (5) as shown in Illustration 5. The weight of front track roller frame (5) is approximately 1565 kg (3450 lb).

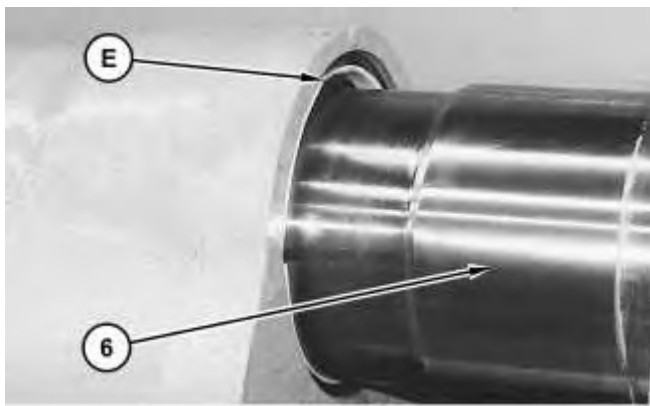
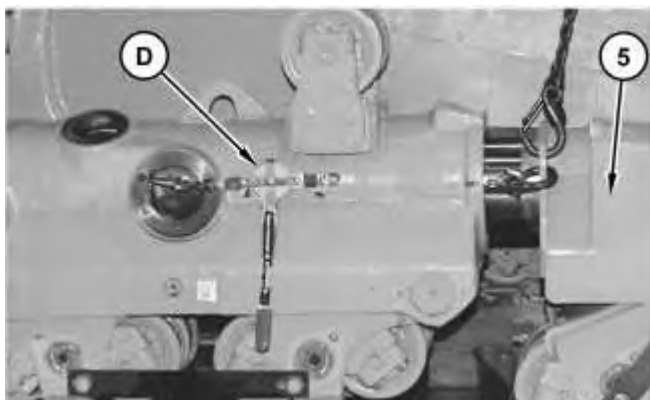


Illustration 6

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Note: Align the keyway in the cylinder assembly with the key in the rear track roller frame.

9. Install the front track roller frame in the rear track roller frame. Install the front track roller frame until sleeve (6) is 25 to 50 mm (1.0 to 2.0 inch) from the seal in the rear track roller frame.
10. Carefully remove Tooling (E) from the seal in the rear track roller frame.



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