CATERPILLAR®

Service Repair Manual

Models

D10T TRACK-TYPE TRACTOR

Model: D10T TRACK-TYPE TRACTOR RJG

Configuration: D10T TRACK-TYPE TRACTOR RJG00001-UP (MACHINE) POWERED BY C27 Engine

Disassembly and Assembly D10T Track-Type Tractor Power Train

Media Number -RENR8166-11

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i02204646

Final Drive - Assemble

SMCS - 4050-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Bracket	3
В	138-7573	Link Bracket	1
С	1P-0520	Driver Group	1
F	1U-5934	Seal Installation Tool	1
G	8T-7688	Spacer	1
Н	138-7574	Link Bracket	3

Note: Cleanliness is an important factor. Before assembly, thoroughly clean all parts in cleaning fluid. Allow the parts to air dry. Do not use wiping cloths or rags to dry parts. Lint may be deposited on the parts which may cause trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement. Dirt and other contaminants can damage the precision component. Perform assembly procedures on a clean work surface. Keep components covered and protected at all times.

Note: Check the O-ring seals and the seals for wear or for damage. Replace the components, if necessary.

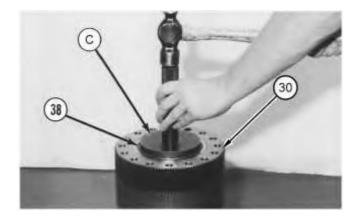


Illustration 1 g01113471

1. Use Tooling (C) to install seal retainer (38) in hub (30).

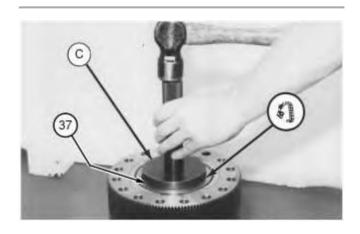


Illustration 2 g01113465

2. Install lip seal (37) in the retainer with Tooling (C).

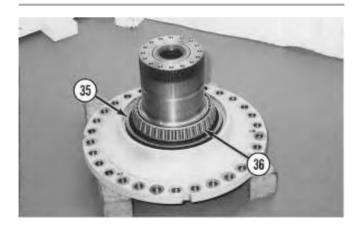


Illustration 3 g00719718

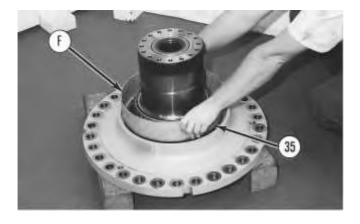


Illustration 4 g00720352

- 3. Raise the temperature of bearing cone (36). Install bearing cone (36) on the hub.
- 4. Use Tooling (F) to put Duo-Cone seal (35) in position on the hub. Refer to Disassembly and Assembly, "Duo-Cone Floating Seals Install".



Illustration 5 g01115700

5. Lower the temperature of bearing cups (34). Install bearing cups (34) in the sprocket hub.



Illustration 6 g01115702

6. Use Tooling (F) in order to install Duo-Cone seal (33) in the hub. Refer to Disassembly and Assembly, "Duo-Cone Floating Seals - Install".

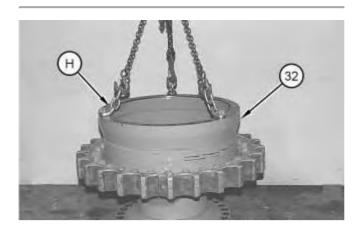


Illustration 7 g01115706

7. Install Tooling (H) on sprocket hub (32). Use a suitable lifting device and Tooling (H) to lower sprocket hub (32) into position. The weight of sprocket hub (32) is approximately 410 kg (904 lb).

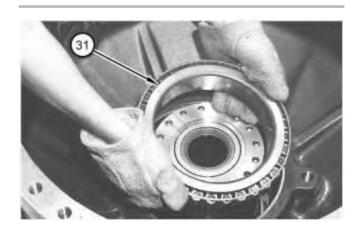


Illustration 8 g01115793

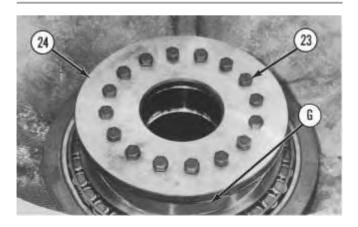


Illustration 9 g00720374

8. Raise the temperature of bearing cone (31). Install bearing cone (31).

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