

Product: TRACK-TYPE TRACTOR

Model: D7E TRACK-TYPE TRACTOR SCG

Configuration: D7E TRACK-TYPE TRACTOR LGP SCG00001-UP (MACHINE) POWERED BY C9.3 Engine

Disassembly and Assembly D7E Track-Type Tractor Power Train

Media Number -KENR5162-08

Publication Date -01/12/2012

Date Updated -05/12/2012

i06798179

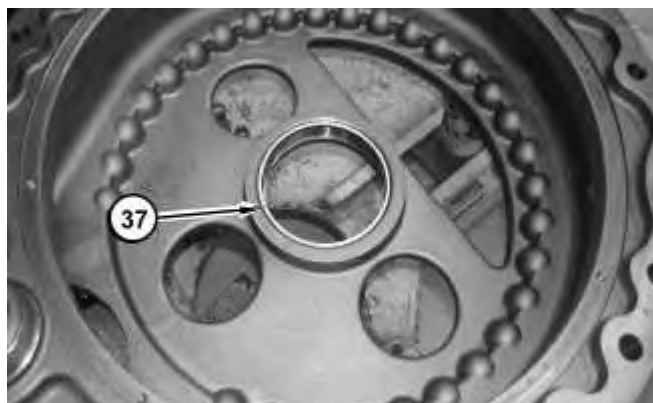
Final Drive - Assemble

SMCS - 4050-016

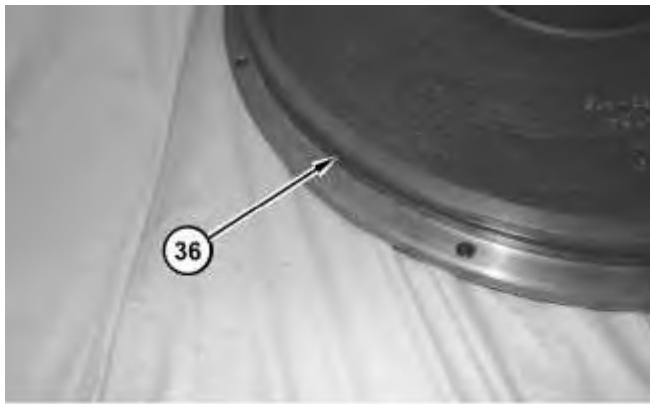
Assembly Procedure

Table 1

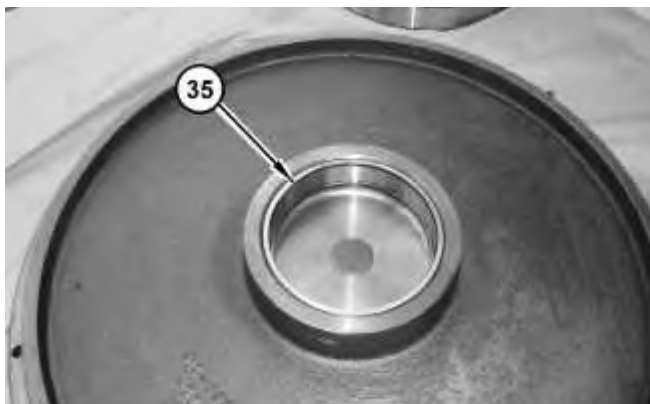
Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
B	138-7575	Link Bracket	3
C	1U-5934	Seal Installer	1
D	188-1456	Lifting Eye Bolt	1
E	138-7573	Link Bracket	1
F	138-7574	Link Bracket	1



1. Install race (37).



2. Install O-ring seal (36).



3. Install race (35).



4. Raise the temperature of the bearing (34) to a maximum temperature of 135 °C (275 °F). Install bearing (34). Repeat for the other side. Apply oil to bearings.

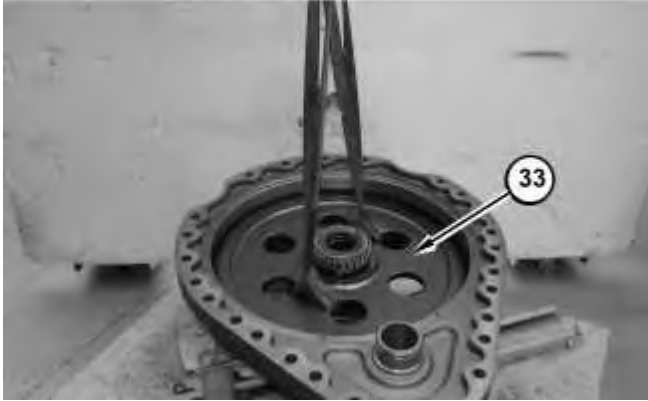


Illustration 5

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5. Attach a suitable lifting device to gear (33) and install gear (33) in case assembly. The weight of gear (33) is approximately 68 kg (150 lb).

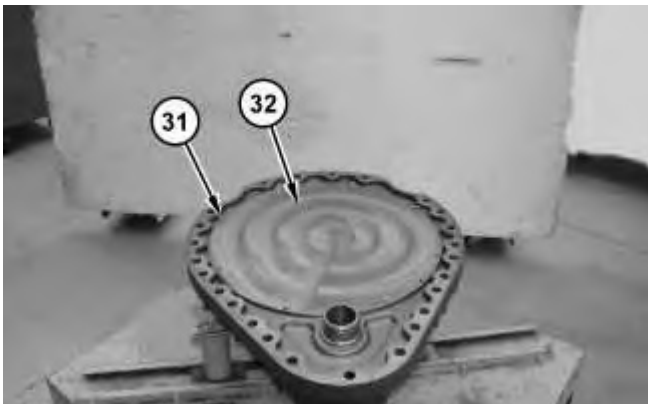


Illustration 6

g02491111

6. Install cover (32). Install bolts (31).

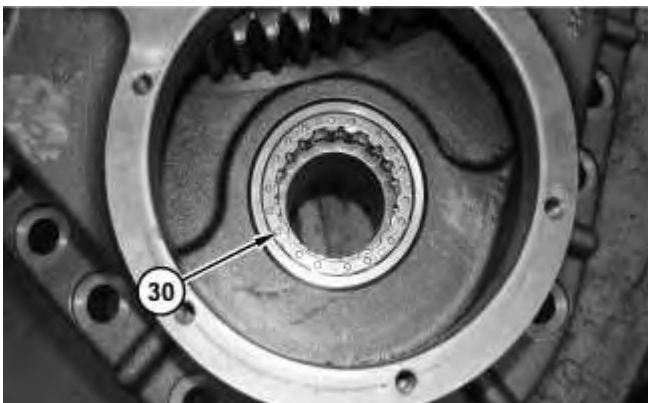


Illustration 7

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7. Reposition case assembly. Lower temperature of bearing (30). Install bearing (30).

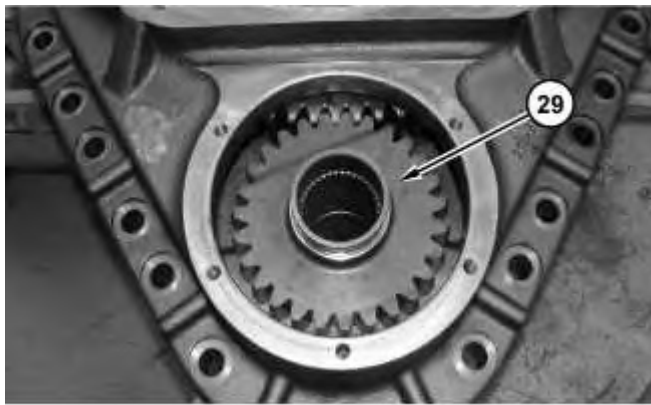


Illustration 8

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8. Install pinion gear (29).

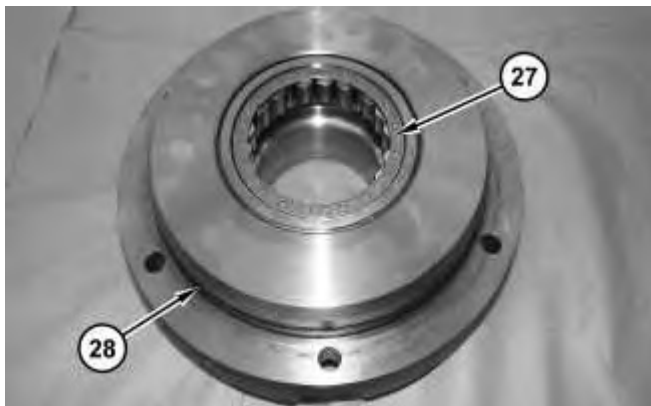


Illustration 9

g01626491

9. Install O-ring seal (28). Lower temperature of bearing (27). Install bearing (27).

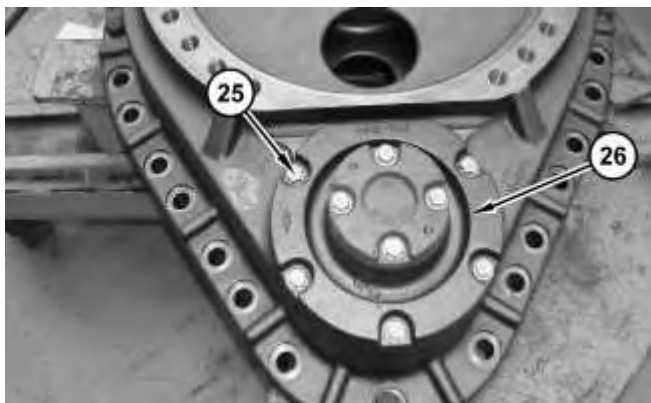


Illustration 10

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10. Install cover (26) and bolts (25). Tighten bolts to a torque of $55 \pm 10 \text{ N}\cdot\text{m}$ ($40 \pm 7 \text{ lb ft}$).



Illustration 11

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11. Install O-ring seal (24).

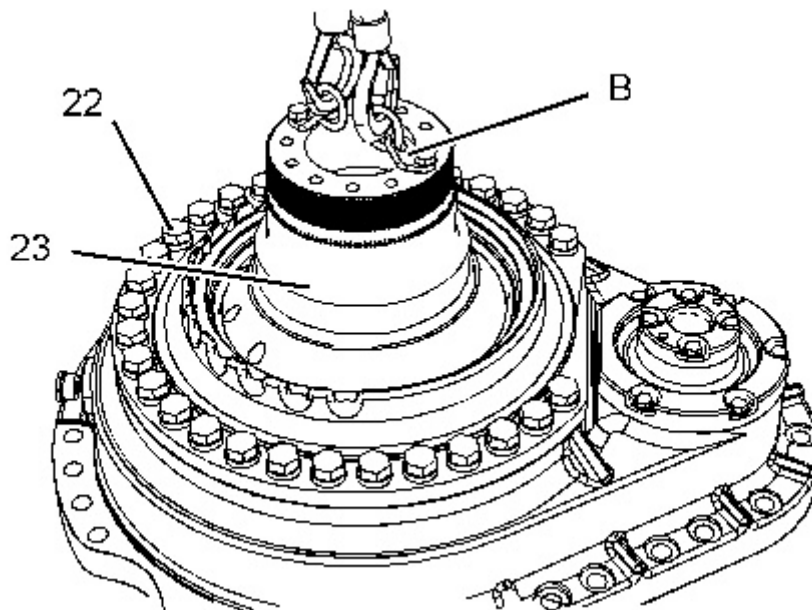


Illustration 12

g01627842

12. Install Tooling (B) onto housing (23). Attach a suitable lifting device to housing (23). The weight of housing (23) is approximately 104 kg (230 lb). Install bolts (22). Tighten the bolts to a torque of $460 \pm 60 \text{ N}\cdot\text{m}$ ($339 \pm 44 \text{ lb ft}$).



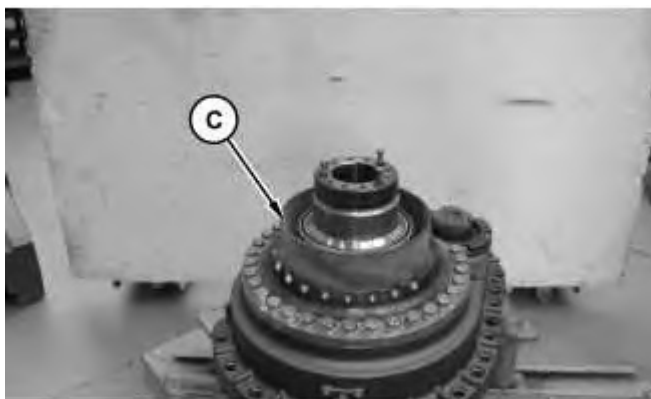


Illustration 14

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13. Raise the temperature of the bearing cone (21) to a maximum temperature of 135 °C (275 °F). Install bearing cone (21). Use Tooling (C) to install Duo-Cone seal (20).



Illustration 15

g01626453

14. Install bearing cup (19).



Illustration 16

g01625306

15. Install bearing cup (18).



Illustration 17

g01625280

16. Install bearing cone (17).

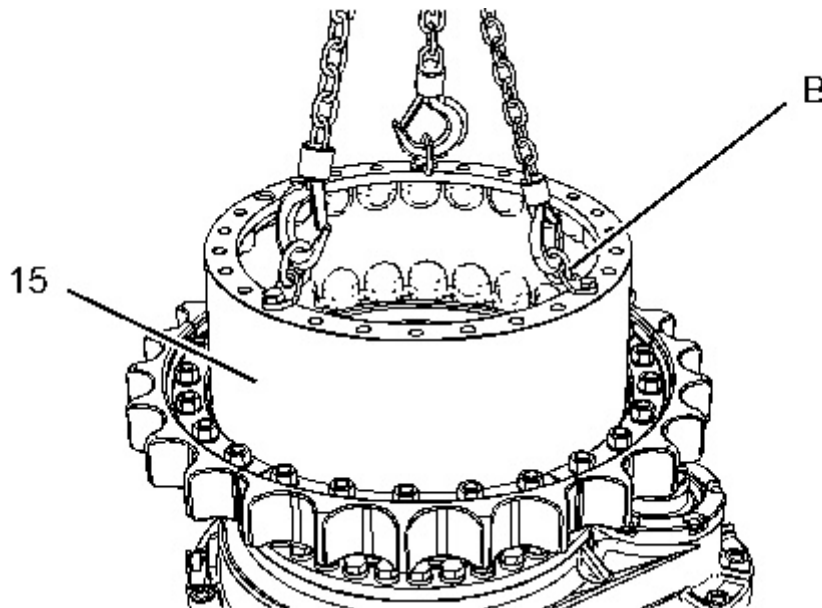


Illustration 18

g02491176

17. Attach Tooling (B) to sprocket hub assembly (15). Attach a suitable lifting device to sprocket hub assembly (15). The weight of sprocket hub assembly (15) is approximately 295 kg (650 lb). Install sprocket hub assembly (15).
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