



Service Repair Manual

Models

D6R III TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D6R III TRACK-TYPE TRACTOR DMK

Configuration: D6R Series III TRACK-TYPE TRACTOR XW, LGP Differential Steering DMK00001-UP (MACHINE) POWERED BY C9 Engine

Disassembly and Assembly

D6R Series III Track-Type Tractor Power Train

Media Number -REN8173-06

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i06701251

Final Drive - Assemble

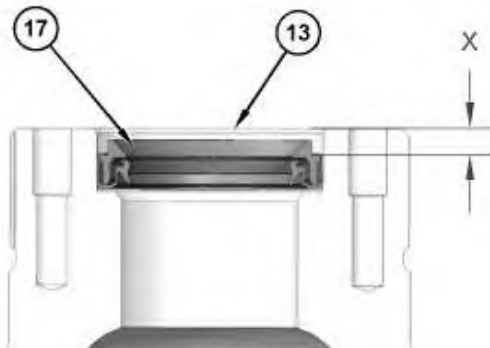
SMCS - 4050-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7573	Link Bracket	3
	1A-2029	Bolt	3
B	1P-0520	Driver Gp	1
D	138-7574	Link Bracket	2
	2A-1538	Bolt	2
E	8M-9395	Installer	1

1. Apply clean oil to all the parts during assembly.



2. Use Tooling (B) to install lip seal (17) in spindle (13) to a depth of (X) 9 ± 0.25 mm (0.3543 ± 0.0098 inch). Put clean oil on the lip of the seal.

Note: Dimension (X) is measured from the face of the spindle to the top of the metal can of the lip seal in the orientation shown.

Note: Do not apply excessive force to lip seal (17) during installation to avoid damaging the seal.

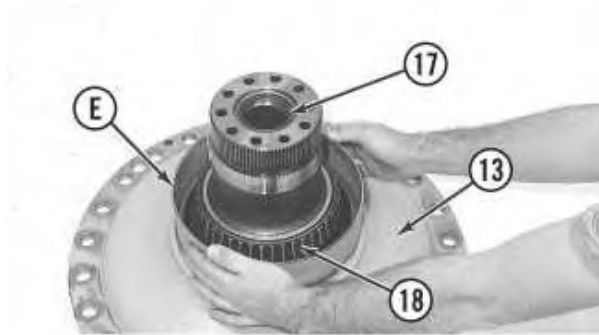


Illustration 2

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3. Raise the temperature of bearing cone (18) to a maximum temperature of 135 °C (275 °F). Install bearing cone (18) on spindle (13).

Note: Before the installation of the Duo-Cone seal, refer to Disassembly and Assembly, "Duo-Cone Floating Seals - Install" for the correct procedure.

4. Use Tooling (E) to install the Duo-Cone seal on spindle (13).



Illustration 3

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5. Lower the temperature of bearing cups (14) and (16). Install bearing cups (14) and (16) in hub (12).
6. Use Tooling (E) to install the Duo-Cone seal in hub (12).

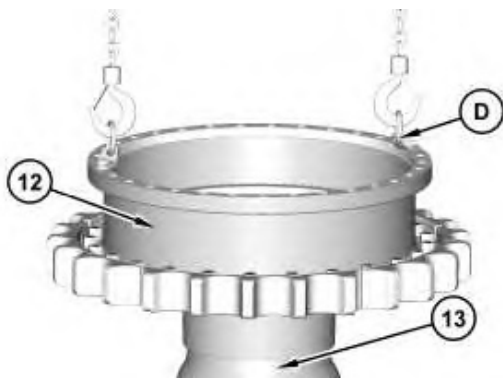


Illustration 4

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7. Install Tooling (D) on hub (12). Attach a suitable lifting device to Tooling (D). Carefully position hub (12) on spindle (13).



Illustration 5

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8. Raise the temperature of bearing cone (11). Install bearing cone (11) on spindle (13).



Illustration 6

g01195915

9. Attach a suitable lifting device to hub (9) and position hub (9) in ring gear (8). Install retaining ring (10).



Illustration 7

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10. Turn over the hub (9) and ring gear (8). Attach a suitable lifting device to hub (9) and the ring gear (8) into position in hub (12).

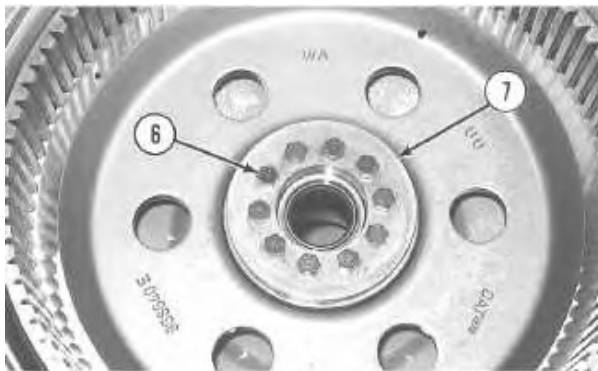


Illustration 8

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11. Put retainer (7) into position. Install bolts (6) while the hub is slowly rotated. Tighten bolts (6) evenly to a torque of $135 \pm 15 \text{ N}\cdot\text{m}$ ($100 \pm 11 \text{ lb}\cdot\text{ft}$). The retainer must contact the end of spindle (13) after bolts (6) have been tightened.

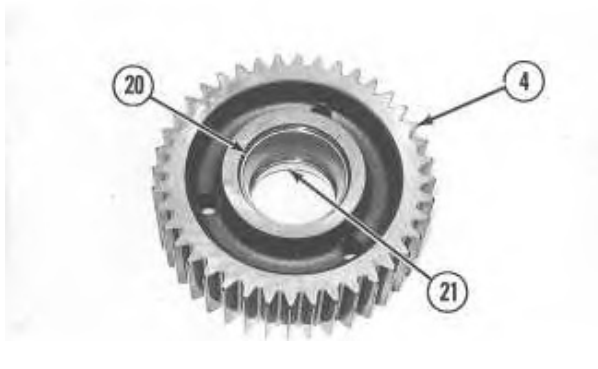


Illustration 9

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12. Lower the temperature of bearing cups (20) and (21). Install the bearing cups in three planetary gears (4).

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