



Service Repair Manual

Models

621H WHEEL TRACTOR

Product: WHEEL TRACTOR

Model: 621H WHEEL TRACTOR EAZ

Configuration: 621H Wheel Tractor Scraper EAZ00001-UP (MACHINE) POWERED BY C13 Engine

Disassembly and Assembly

621H, 623H and 627H

Wheel Tractor-Scrapers Power Train

Media Number -KENR9488-01

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i07459845

Torque Converter - Assemble - Tractor

SMCS - 3101-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	2P-8312	Retaining Ring Pliers	1
B	1P-0510	Driver Group	1
D	8T-5096	Dial Indicator Group	1

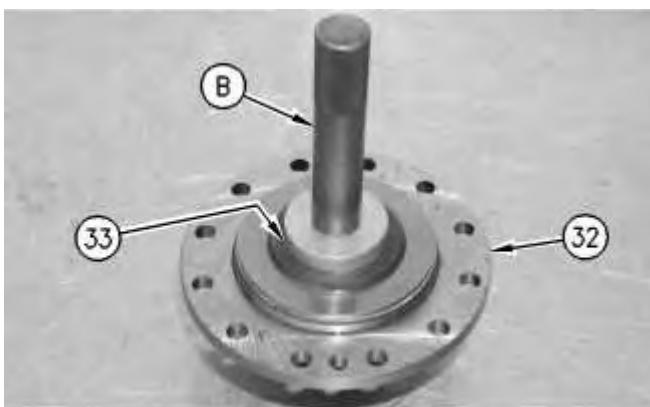


Illustration 1

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1. Use Tooling (B) and a suitable press to install sleeve bearing (33). Install sleeve bearing (33) to flange (32).

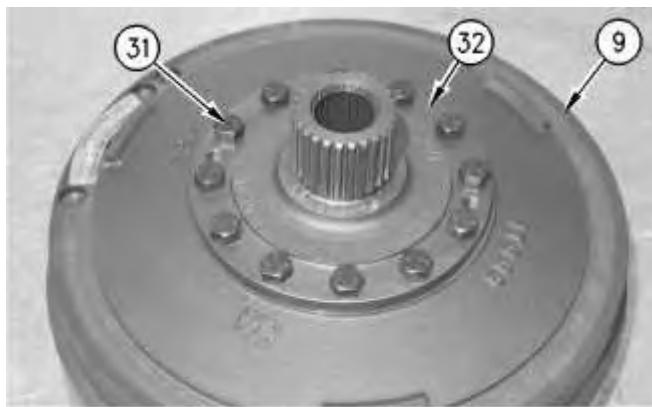


Illustration 2

g00528612

2. Install bolts (31) and flange (32) to housing (9). Tighten bolts (31) to a torque of $120 \pm 15 \text{ N.m}$ ($89 \pm 11 \text{ lb ft}$).

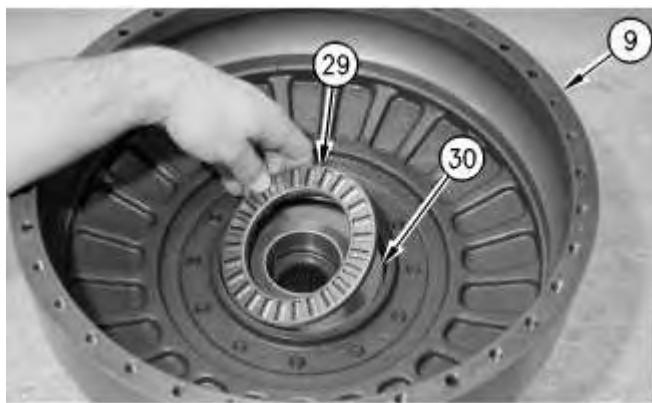


Illustration 3

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3. Install thrust race (30) and thrust bearing (29) to housing (9).

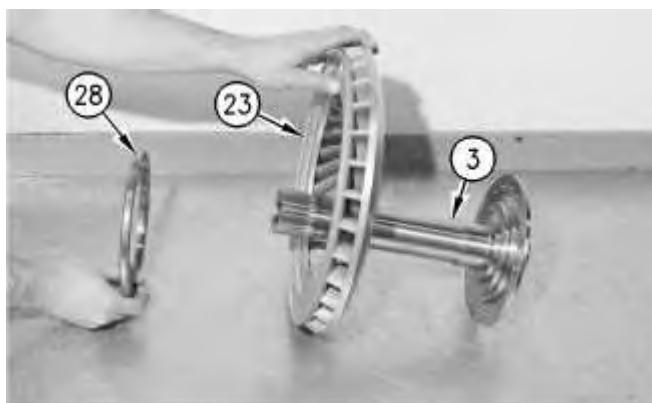


Illustration 4

g00525321

4. Install torque converter turbine (23) and clamp ring (28) to hub (3).

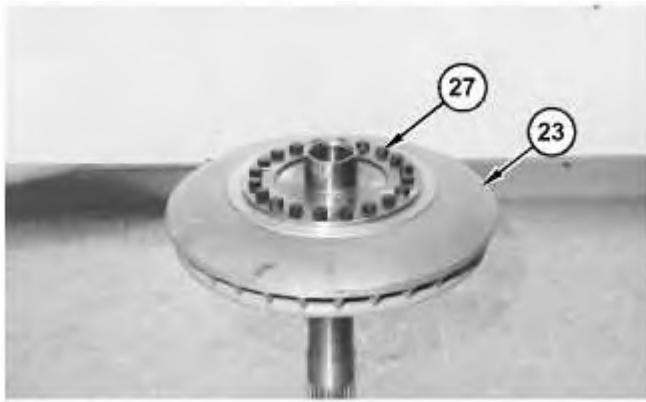


Illustration 5

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5. Install bolts (27) to torque converter turbine (23). Tighten bolts (27) to a torque of $50 \pm 7 \text{ N.m}$ ($37 \pm 5 \text{ lb ft}$).

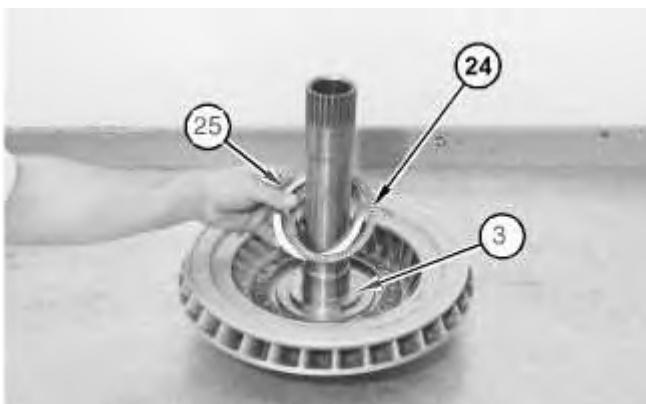


Illustration 6

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6. Install thrust race (25) and thrust bearing (24) to hub (3).

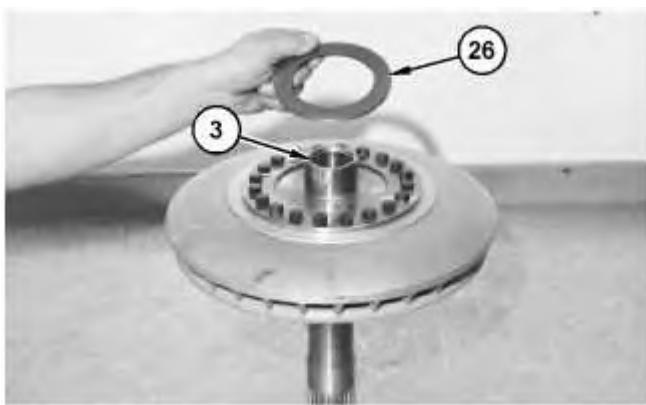


Illustration 7

g06329534

7. Install thrust race (26) to hub (3).

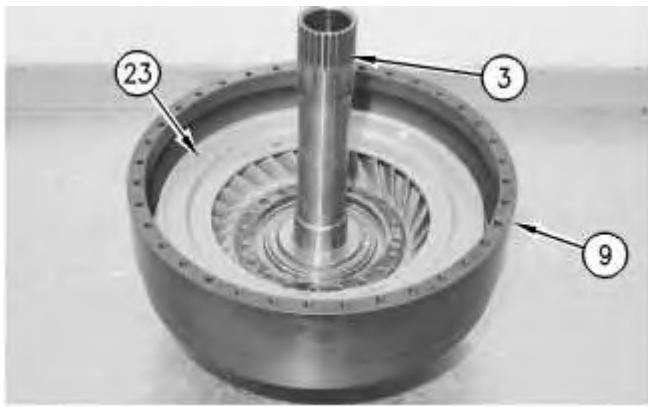


Illustration 8

g00525315

8. Install torque converter turbine (23) and hub (3) as a unit to housing (9).

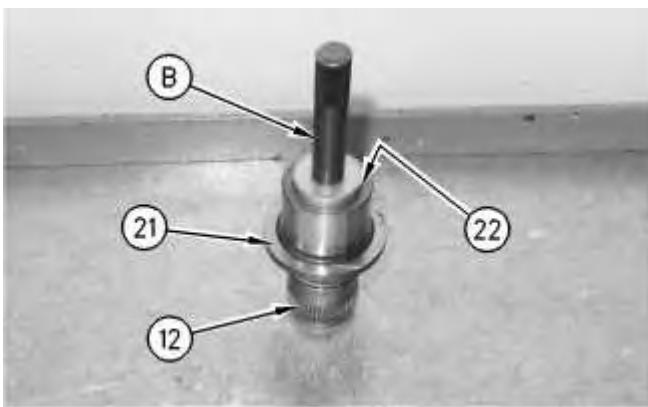


Illustration 9

g00528953

9. Use Tooling (B) and a suitable press to install sleeve bearing (22). Install sleeve bearing (22) to carrier assembly (12).
10. Install thrust bearing (21) to carrier assembly (12).

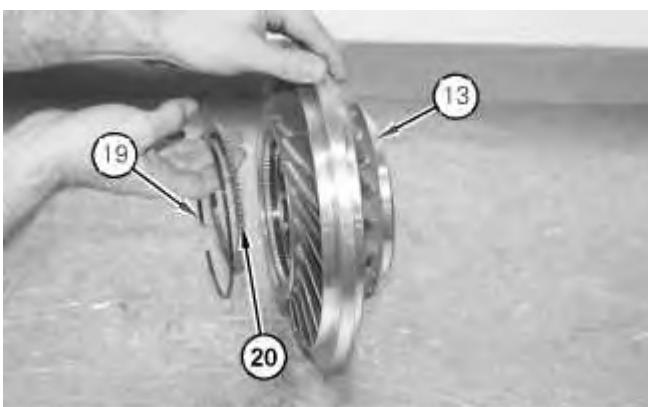


Illustration 10

g01052912

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