

Product: WHEEL LOADER

Model: 990K WHEEL LOADER DJK

Configuration: 990K Wheel Loader DJK00001-UP (MACHINE) POWERED BY C27 Engine

Disassembly and Assembly 844K Wheel Dozer and 990K Wheel Loader Power Train

Media Number -UENR6577-01

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i06551679

Torque Converter (Lockup) - Disassemble

SMCS - 3101-015-L7

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	3E-3879	Eyebolt	1
B	138-7573	Link Bracket	2
C	1H-3110	Bearing Puller Attachment	1
D	154-6182	Forcing Bolt	2

Start by:

- a. Remove the torque converter.
-

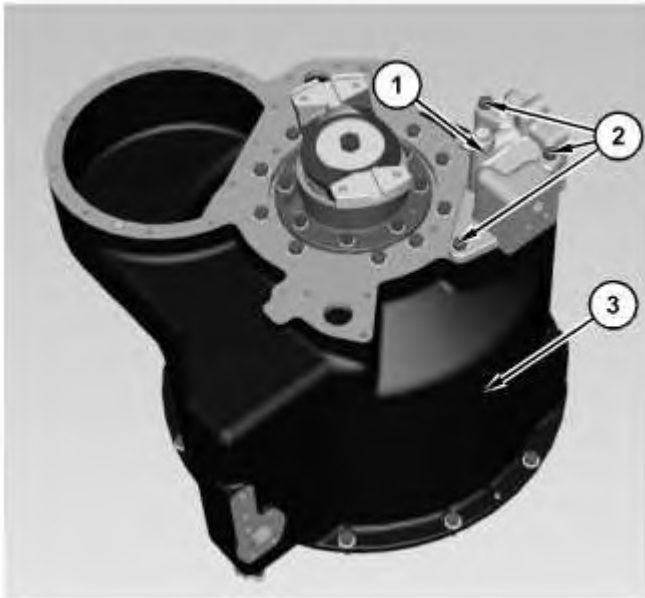


Illustration 1

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1. Remove bolts (2).
 2. Remove housing (1) from housing assembly (3).
-

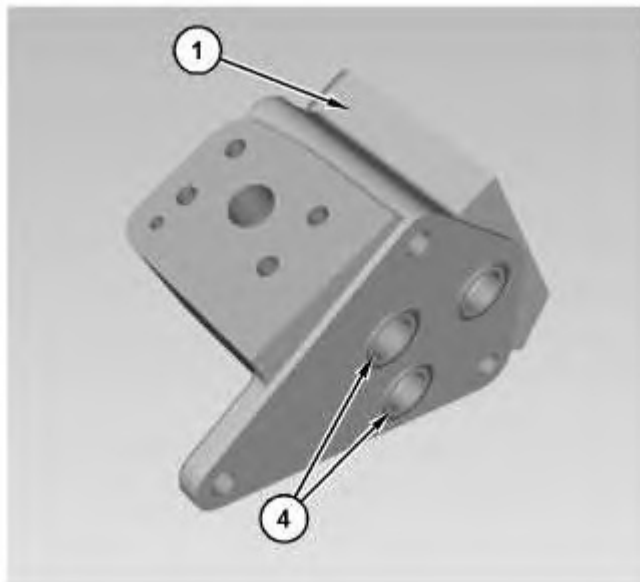


Illustration 2

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3. Remove O-ring seals (4) from housing (1).
-

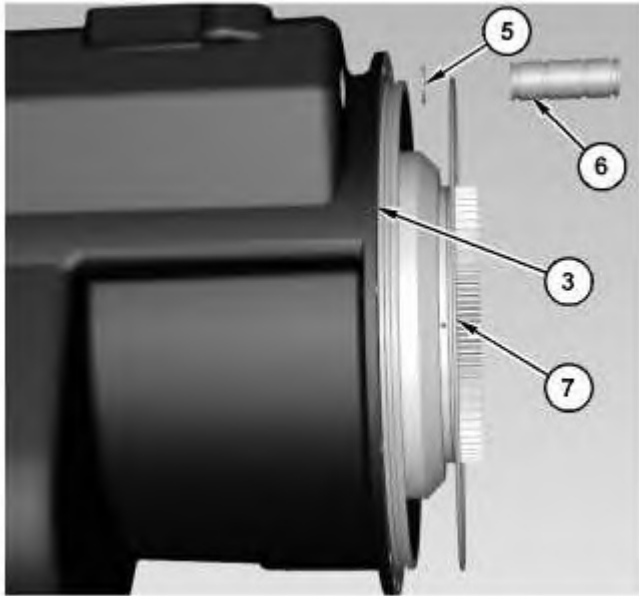


Illustration 3

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4. Remove O-ring seal (5), sleeve (6), and O-ring seal (7) from housing assembly (3).

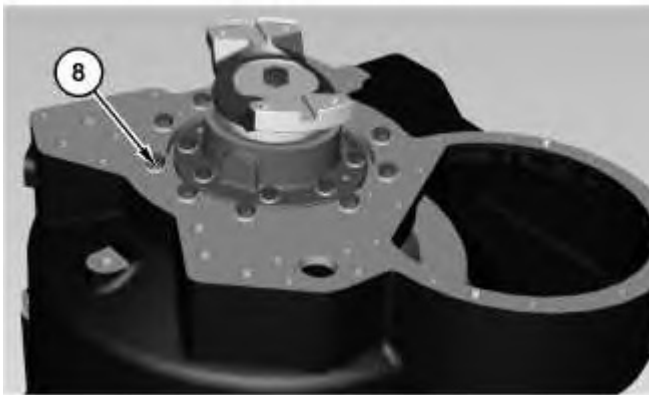


Illustration 4

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5. Remove bolts (8).

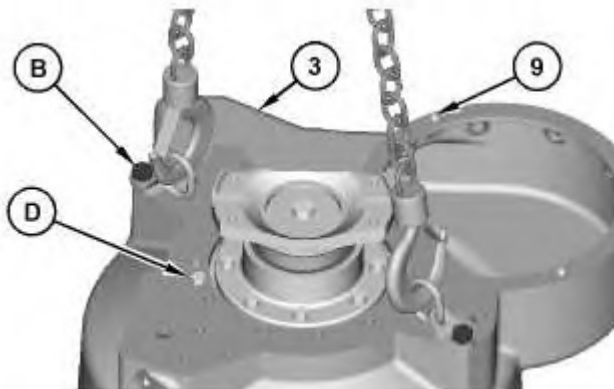


Illustration 5

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6. Use Tooling (D) to separate housing assembly (3).
7. Use Tooling (B) and a suitable lifting device to remove housing assembly (3) from the torque converter. The weight of housing assembly (3) is approximately 110 kg (243 lb).
8. Remove dowel pins (9).

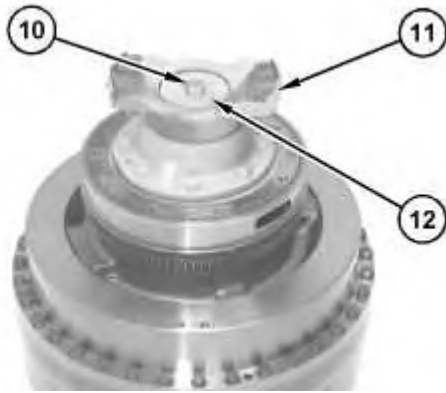


Illustration 6

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9. Remove bolt (10), retainer (12), and yoke (11).



Illustration 7

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10. Remove O-ring seal (13) from yoke (11).
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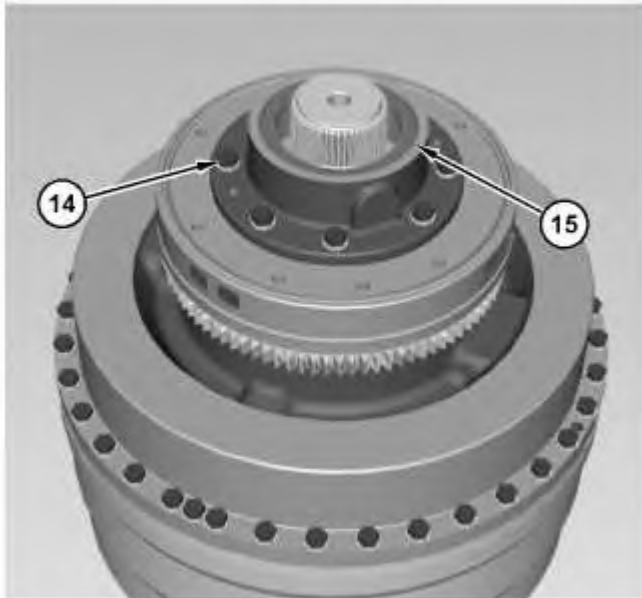


Illustration 8

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11. Remove bolts (14).
12. Remove the gasket and retainer (15).

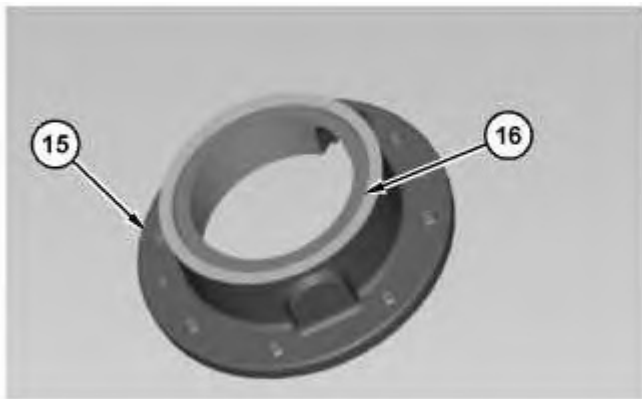


Illustration 9

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13. Remove lip seal (15) from retainer (16).
-

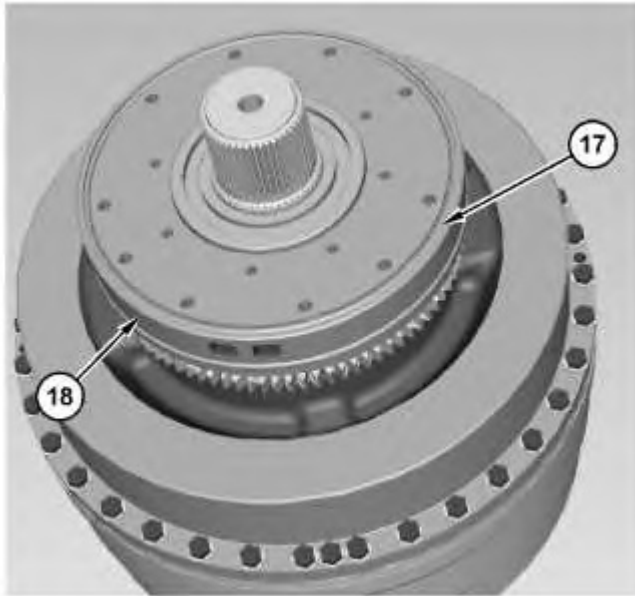


Illustration 10

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14. Remove O-ring seal (17) from stator carrier (18).

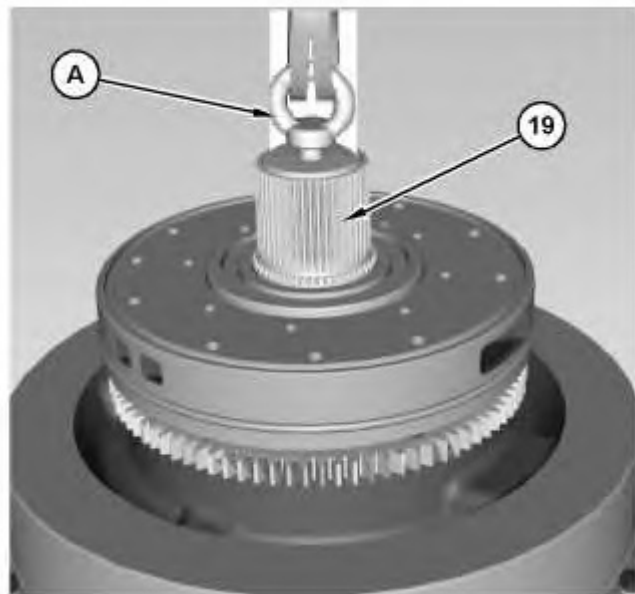


Illustration 11

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15. Use Tooling (A) and a suitable lifting device to remove shaft (19) from the torque converter. The weight of shaft (19) is approximately 15 kg (33 lb).

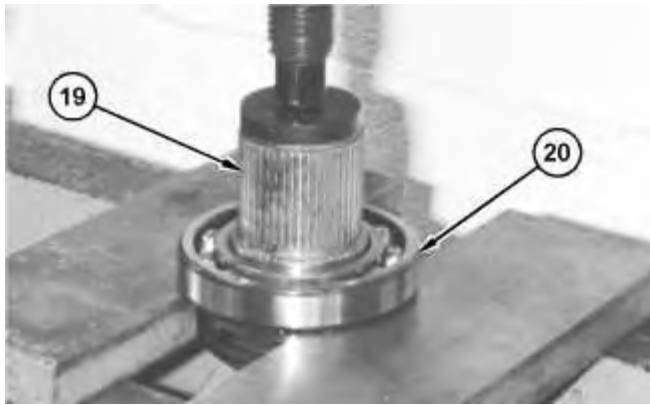


Illustration 12

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16. Use a suitable press to push shaft (19) out of bearing (20).

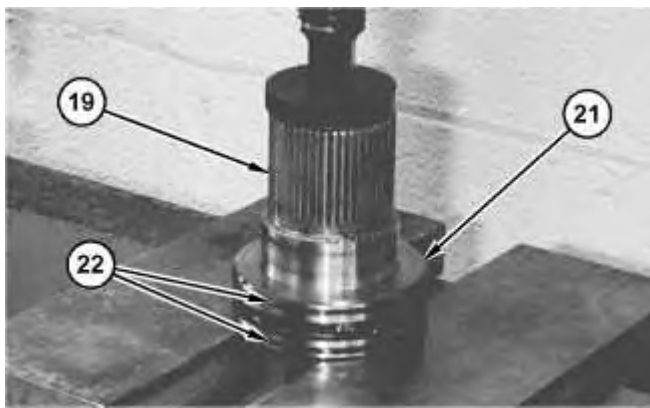


Illustration 13

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17. Remove rings (22) from carrier (21).
18. Use a suitable press to push shaft (19) out of carrier (21).



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