

Product: WHEEL LOADER

Model: 980K WHEEL LOADER GTZ

Configuration: 980K Wheel Loader GTZ00001-UP (MACHINE) POWERED BY C13 Engine

## Disassembly and Assembly 980K Wheel Loader Power Train

Media Number -KENR6447-03

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i06838048

# Torque Converter - Disassemble - Lock Up Clutch With Freewheel Stator

SMCS - 3101-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	439-3938	Link Bracket	3
	8B-7548	Push-Puller	1
	8B-7550	Leg	2
B	8H-0684	Ratchet Wrench	1
	8B-7560	Step Plate	1
	8H-0663	Bearing Puller Attachment	1
	8B-7548	Push-Puller	1
	8H-0684	Ratchet Wrench	1
C	8B-7549	Leg	2
	5P-4808	Cap	2
	8B-7554	Bearing Cup Puller Attachment	1
	5F-7343	Bearing Puller Attachment	1
D	1P-0520	Driver Group	1
E	1P-0510	Driver Group	1

F	6L-7283	Forcing Bolt 3/8 - 16 by 3 in	7
G	417-1324	Adjust Stand	1

**Start By:**

- a. Separate the torque converter from the transmission and from the output transfer gears.

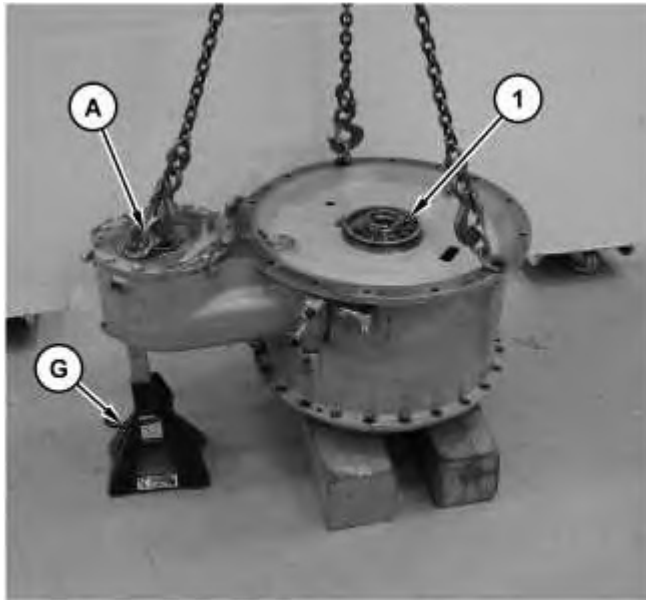


Illustration 1

g02712129

1. Use Tooling (A) and a suitable lifting device to position the torque converter onto Tooling (G) and suitable blocking. The weight of the torque converter is approximately 260 kg (573 lb). Support the torque converter, as shown.
2. Remove bolts (1).

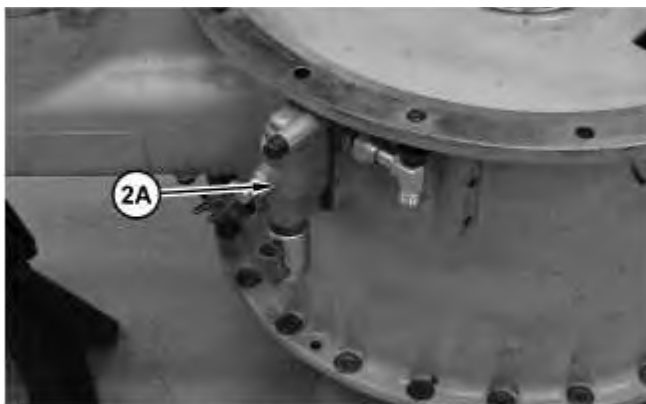


Illustration 2

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3. Remove relief valve assembly (2A).

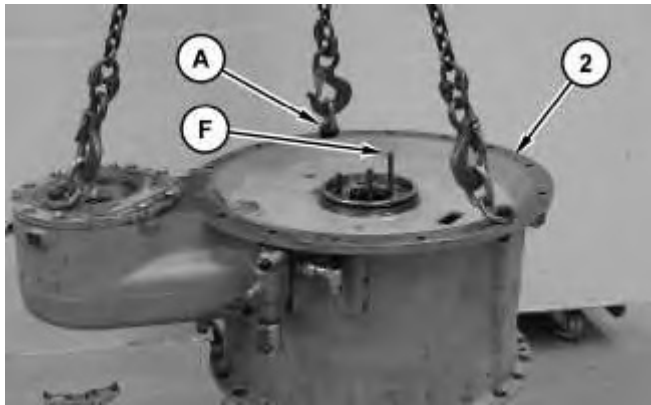


Illustration 3

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4. Use Tooling (F) to loosen housing assembly (2) from the torque converter.
5. Use the suitable lifting device and Tooling (A) to remove torque converter housing assembly (2). The weight of torque converter housing assembly (2) is approximately 144 kg (317 lb).

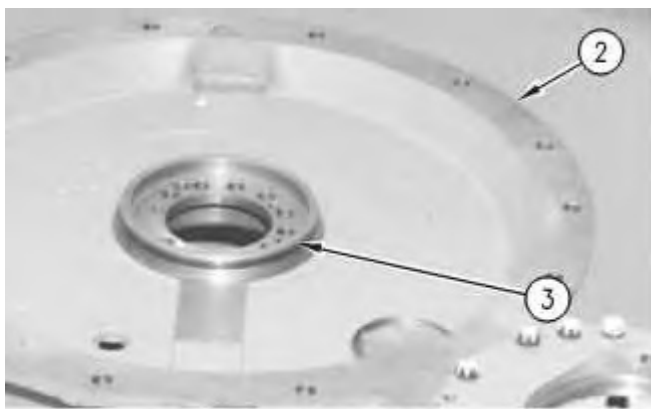


Illustration 4

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6. Remove O-ring seal (3) from torque converter housing assembly (2).

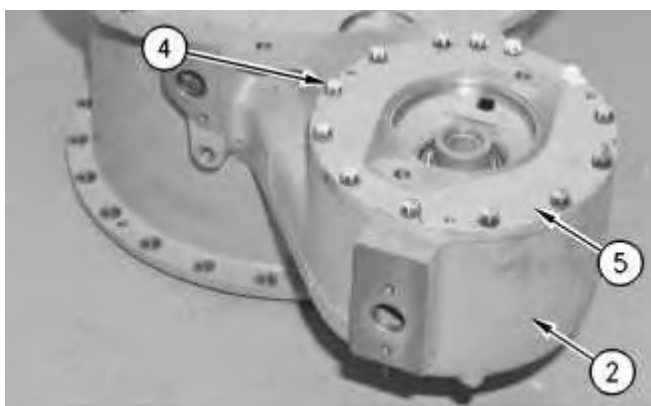


Illustration 5

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7. Remove bolts (4) from pump adapter (5) and torque converter housing assembly (2).

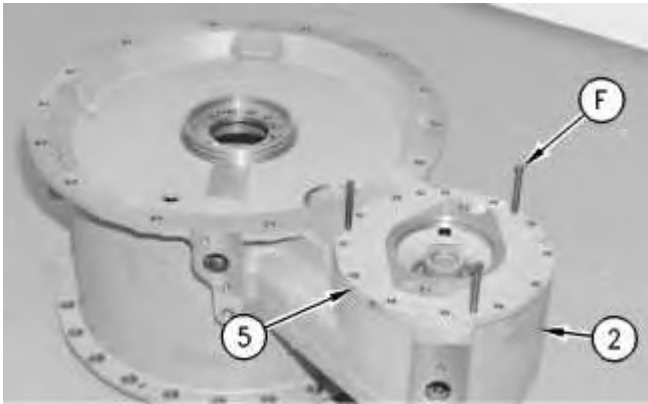


Illustration 6

g00871264

8. Use Tooling (F) to remove pump adapter (5) from torque converter housing assembly (2).



Illustration 7

g00871319

9. Use Tooling (B) to remove bearing cup (6). Remove bearing cup (6), O-ring seal (8), and shims (7) from pump adapter (5). See illustration 14 for Tooling (C).



Illustration 8

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10. Remove pump drive gear (9) from torque converter housing assembly (2).

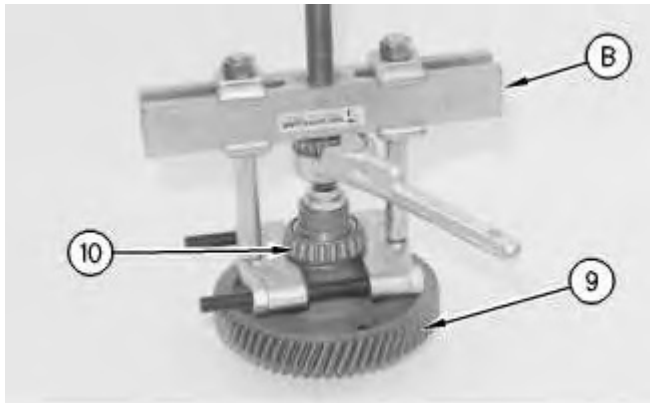


Illustration 9

g00871451

11. Use Tooling (C) to remove bearing cones (10) from each side of pump drive gear (9). Remove bearing cones (10).

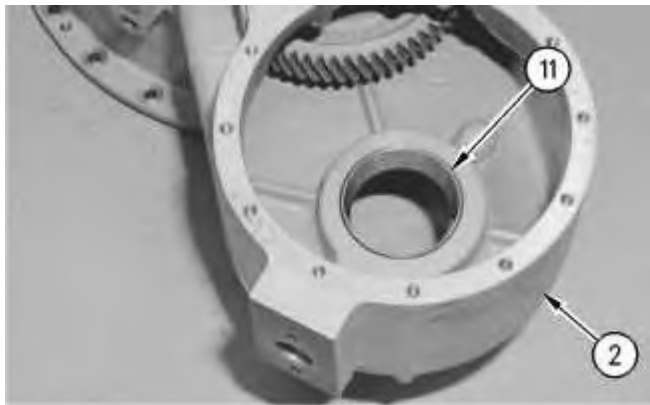


Illustration 10

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12. Use Tooling (C) to remove bearing cup (11) from torque converter housing assembly (2). See illustration 14 for Tooling (C).

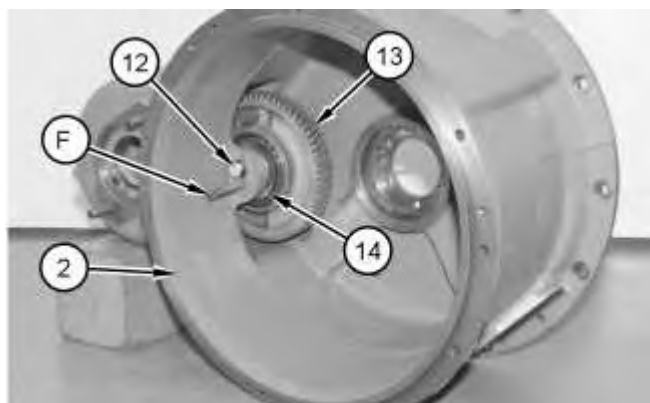


Illustration 11

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13. Remove bolt (12) and the washer from torque converter housing assembly (2).

14. Use Tooling (F) to push shaft assembly (14) out of torque converter housing assembly (2).

15. Remove idler gear (13) from torque converter housing assembly (2).

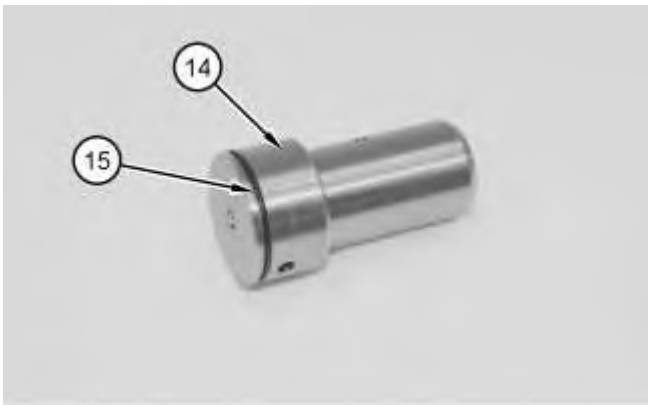


Illustration 12

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16. Remove O-ring seal (15) from shaft assembly (14).

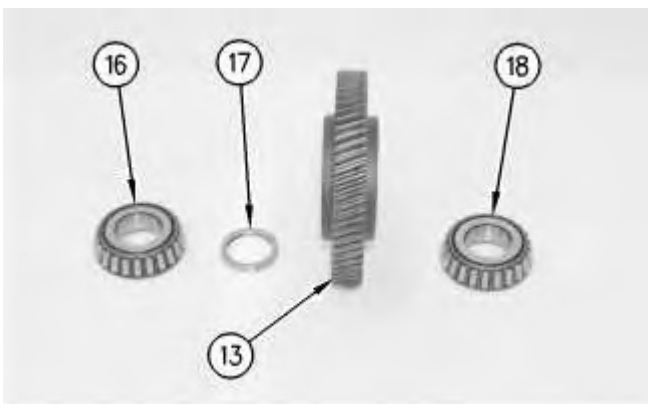


Illustration 13

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17. Remove bearing cone (16), bearing cone spacer (17), and bearing cone (18) from idler gear (13).

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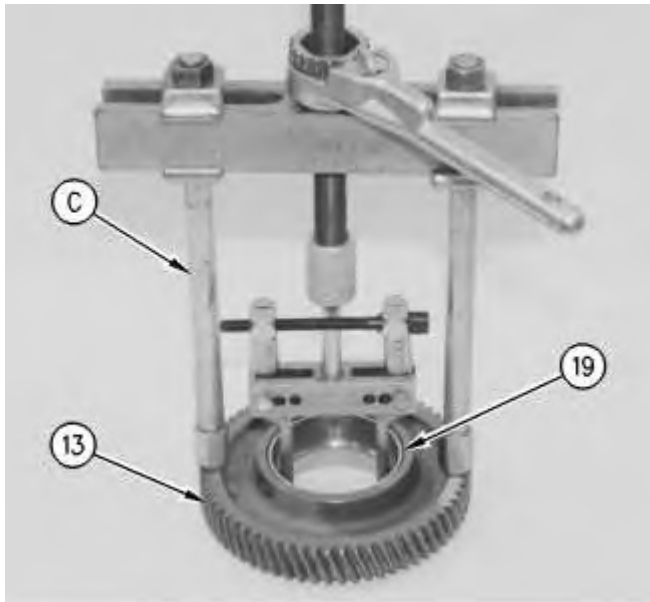


Illustration 14

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18. Use Tooling (C) to remove bearing cup (19) from idler gear (13). Remove bearing cup (19).

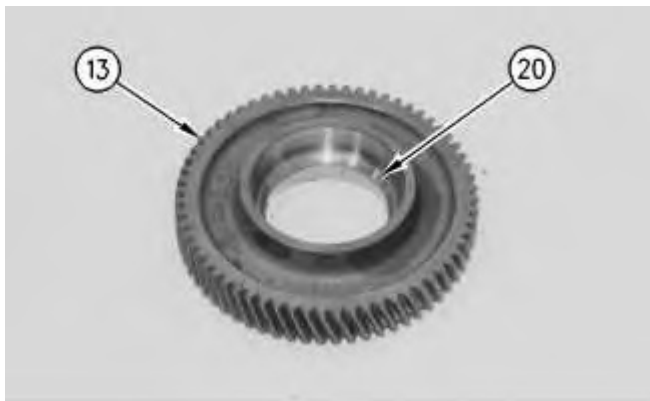


Illustration 15

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19. Remove bearing cup spacer (20) from idler gear (13).

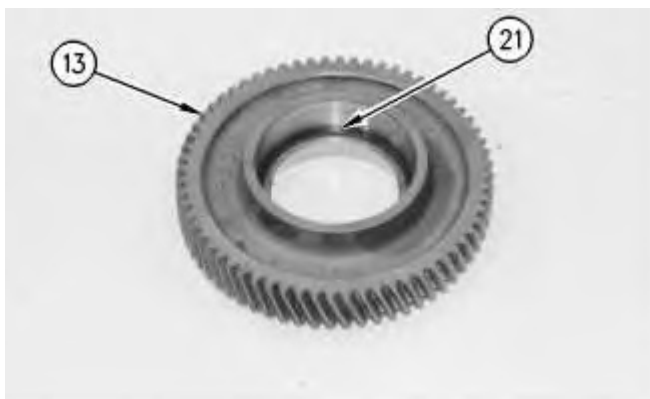


Illustration 16

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