

Product: VIBRATORY COMPACTOR

Model: CP-433E VIBRATORY COMPACTOR CFK

Configuration: CS-433E,CP-433E Vibratory Compactor CFK00001-UP (MACHINE) POWERED BY 3054 Engine

Disassembly and Assembly CP-433E, CS-423E and CS-433E Vibratory Compactors Machine Systems

Media Number -KENR3584-05

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i02070847

Axle (with Brakes) - Disassemble

SMCS - 3260-015; 3278-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	8H-0663	Bearing Puller Gp	1
B	1P-1863	Retaining Ring Pliers	1
C	180-3032	Stand	2
D	1P-1861	Retaining Ring Pliers	1
E	1P-1855	Retaining Ring Pliers	1

Start By:

- A. Remove the axle. Refer to Disassembly and Assembly, "Axle - Remove".
 1. Drain the oil from the differential into a suitable container. The capacity of the differential is approximately 12 L (3 US gal).
 2. Remove the bolts and the axle propel motor from the gearbox. Install the cover and the bolts.
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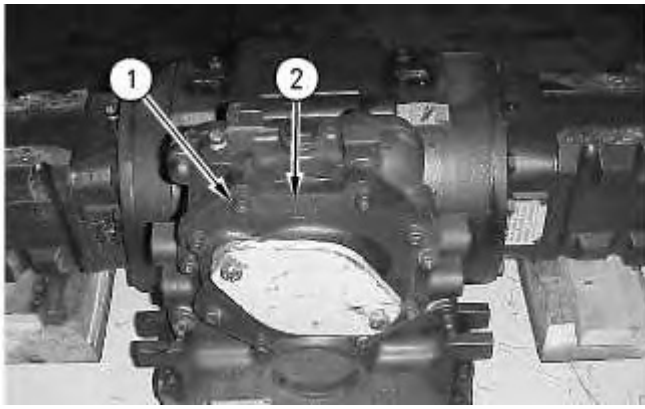


Illustration 1

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3. Drain the oil from the gearbox into a suitable container. The capacity of the gearbox is approximately 1.2 L (0.3 US gal).
4. Remove bolts (1) and cover (2) .

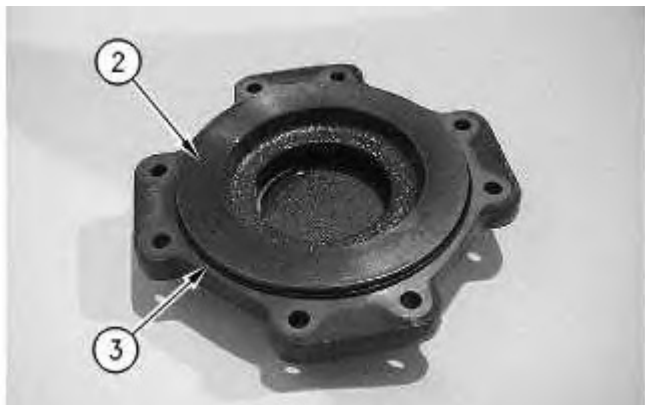
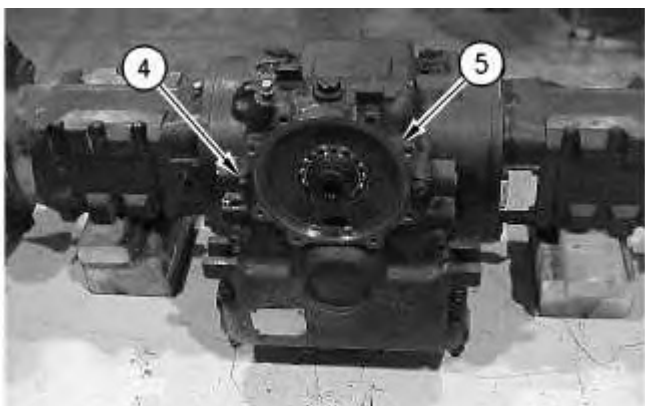


Illustration 2

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5. Remove O-ring seal (3) from cover (2) .



6. Remove bolts (4) and cover (5) .



Illustration 4

7. Remove dowels (6) from cover (5) .

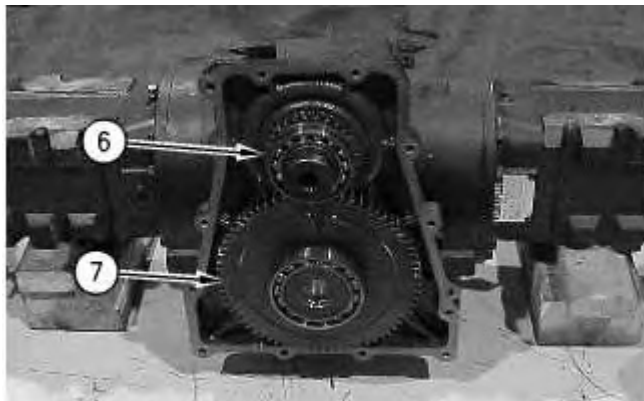


Illustration 5

8. Remove gear (6) and (7) .

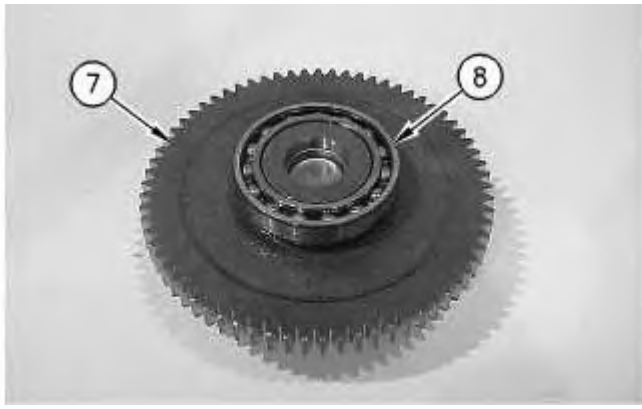


Illustration 6

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9. Use Tooling (A) and a suitable press to remove bearing (8) from gear (7) .

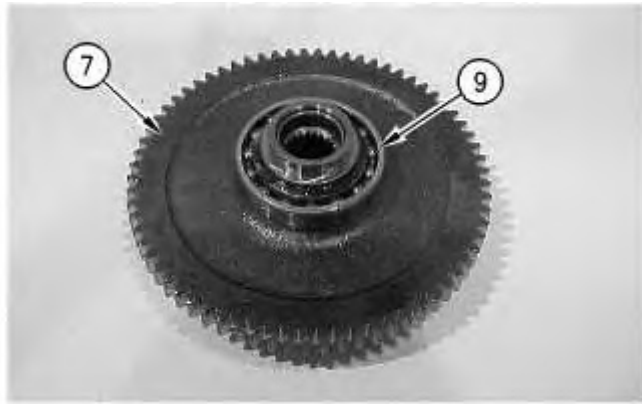


Illustration 7

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10. Use Tooling (A) and a suitable press to remove bearing (9) from gear (7) .

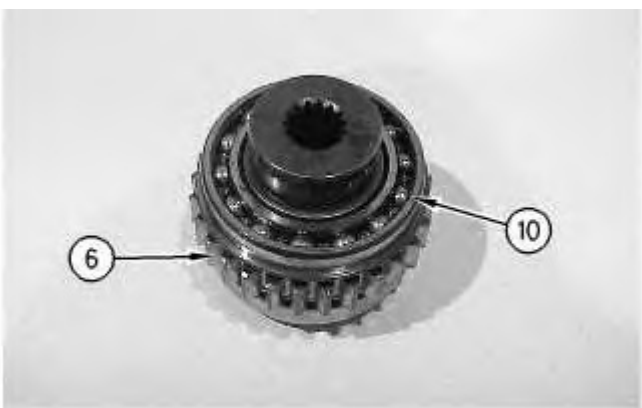


Illustration 8

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11. Use Tooling (A) and a suitable press to remove bearing (10) from gear (6) .

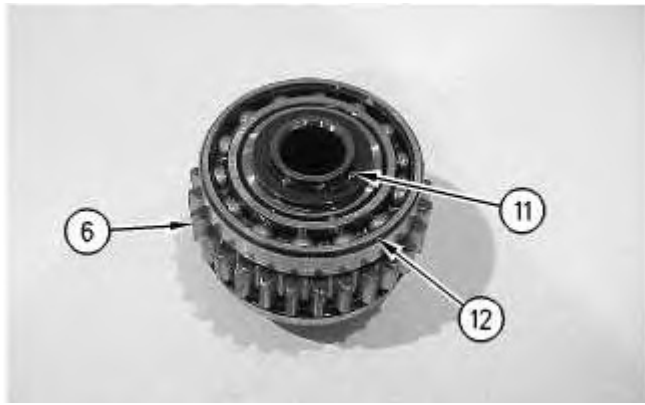


Illustration 9

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12. Use Tooling (B) to remove retaining ring (11). Use Tooling (A) and a suitable press to remove bearing (12) from gear (6) .

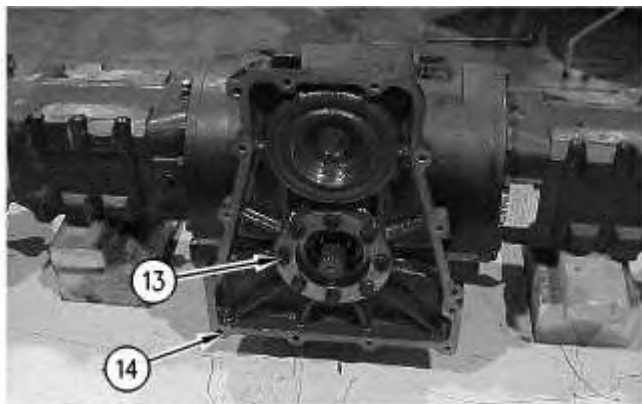


Illustration 10

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13. Remove bolts (13) and remove cover (14) .



14. Drain the oil from the wheel hub into a suitable container. The capacity of the wheel hub is approximately 1.3 L (0.3 US gal).
15. Remove screws (15) and end cover (16) .

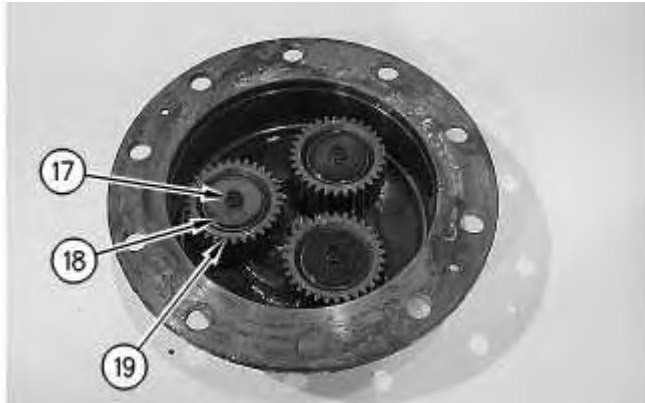


Illustration 12

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16. Remove bolts (17), washers (18), planetary gears (19), and the 84 needle bearings.

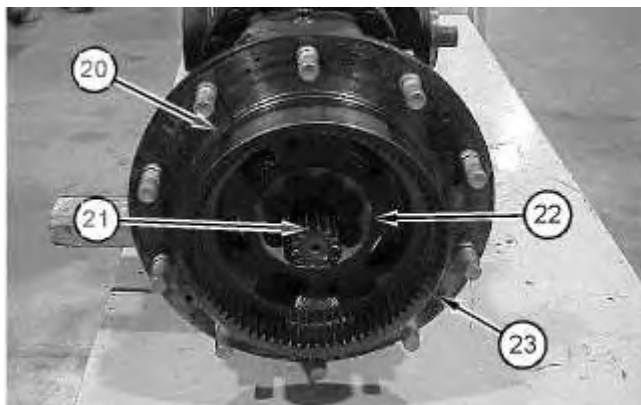


Illustration 13

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17. Remove O-ring seal (20) from ring gear (23) .
 18. Remove shaft (21) .
 19. Remove bolts (22) .
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