

Product: VIBRATORY COMPACTOR

Model: CB-334E VIBRATORY COMPACTOR C3E

Configuration: CB-334E CB-335E Vibratory Compactor C3E00001-UP (MACHINE) POWERED BY 3013C Engine

Disassembly and Assembly
CB-334E Series II and CB-335E Series II
Vibratory Compactors
Machine Systems

Media Number -KENR7108-00

Publication Date -01/02/2007

Date Updated -22/02/2007

i02617343

Piston Pump (Propel) - Disassemble

SMCS - 5070-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1861	Retaining Ring Pliers	1
B	1P-0510	Driver Gp	1
C	1P-1858	Retaining Ring Pliers	1
D	5P-4758	Retaining Ring Pliers As	1
E	1P-1860	Retaining Ring Pliers	1

Start By:

- A. Remove the piston pump. Refer to Disassembly and Assembly, "Piston Pump (Propel) - Remove".
-

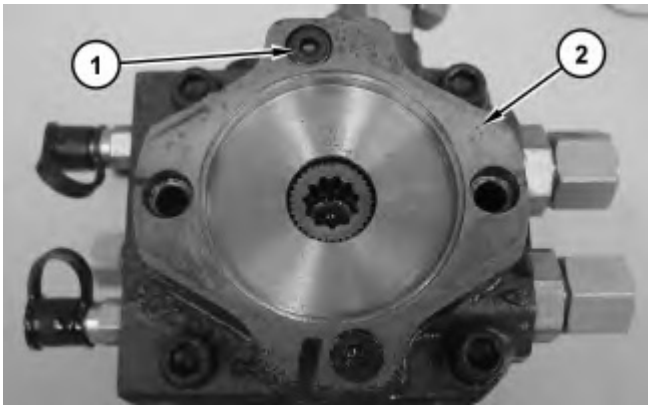


Illustration 1

g01310809

1. Remove bolts (1) and cover (2) .

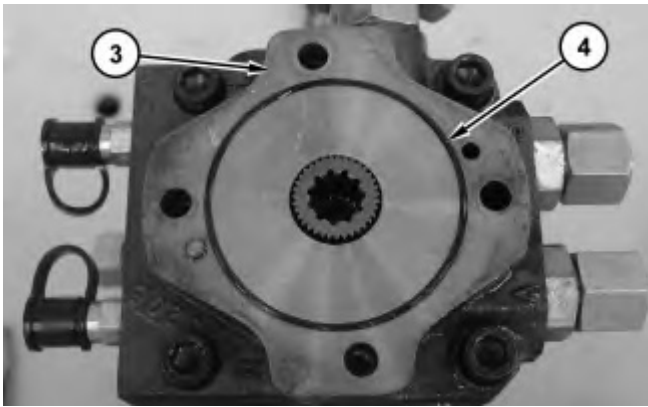


Illustration 2

g01310810

2. Remove O-ring seal (4) and cover (3) .

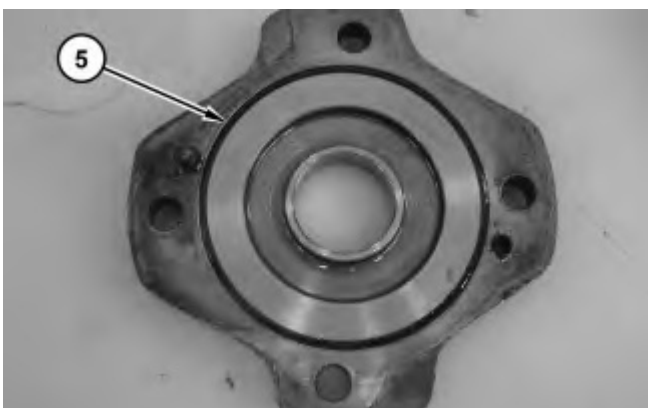


Illustration 3

g01310811

3. Remove O-ring seal (5) .



Illustration 4

g01310813

! WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

4. Remove bolts (6) and head (7) .

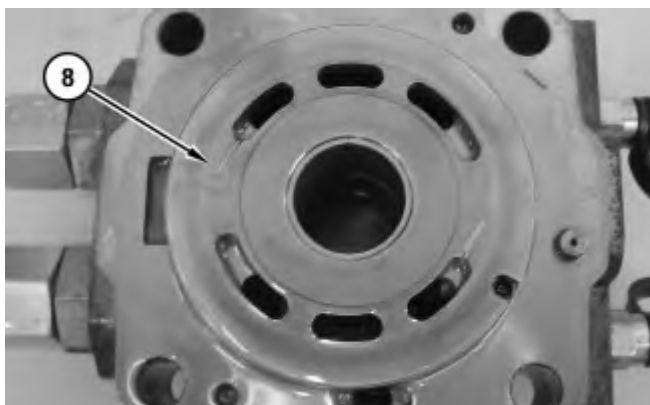


Illustration 5

g01310817

5. Remove port plate (8) .
-

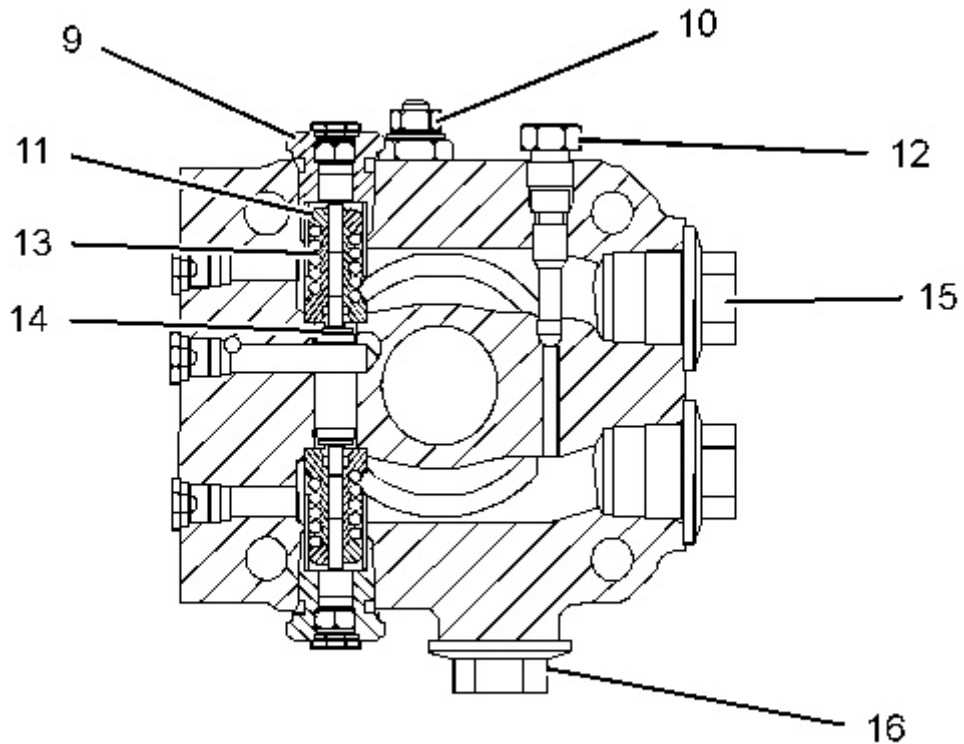


Illustration 6

g01311069

! WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

6. Remove plug assembly (9), retainers (11), spring (13), poppet (14), and the O-ring seals.
7. Repeat Step 6 for the opposite side.
8. Remove check valve (10), check valve (12) and the O-ring seals.
9. Remove plugs 15, plug 16, and the O-ring seals.

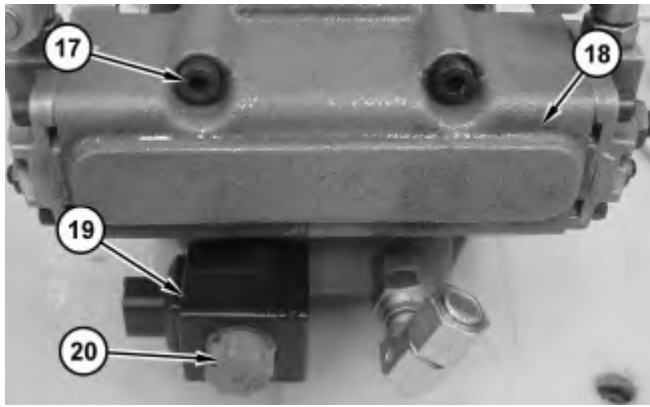


Illustration 7

g01310818

10. Remove nut (20), coil (19), bolts (17), and controller (18) .

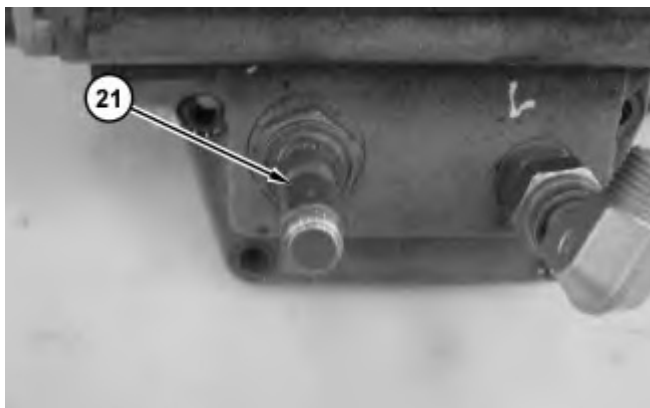


Illustration 8

g01310819

11. Remove cartridge (21) .

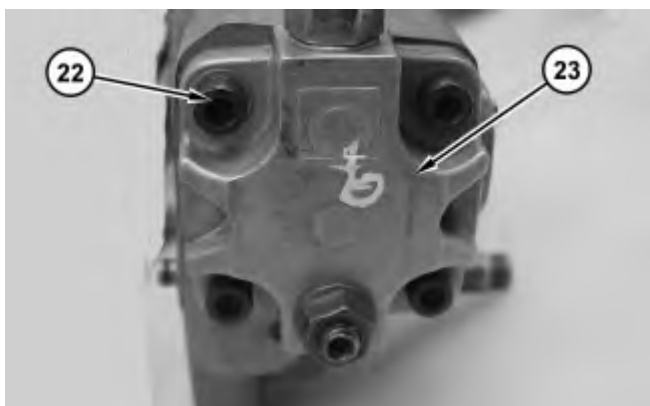


Illustration 9

g01310821

12. Remove bolts (22) and cover (23) .

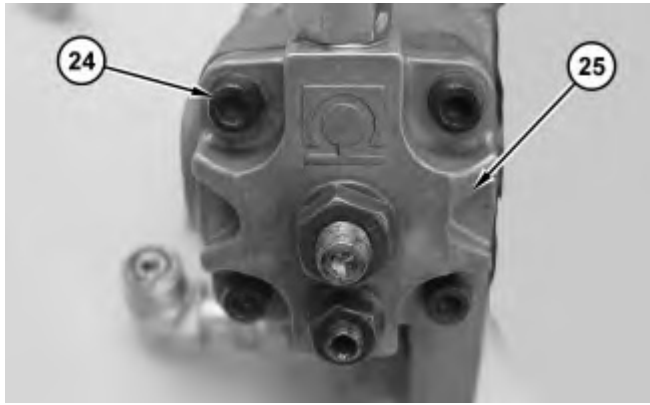


Illustration 10

g01310822

13. Remove bolts (24) and cover (25) .

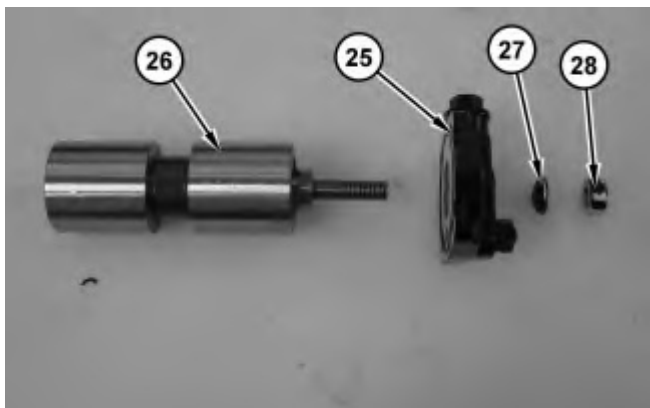
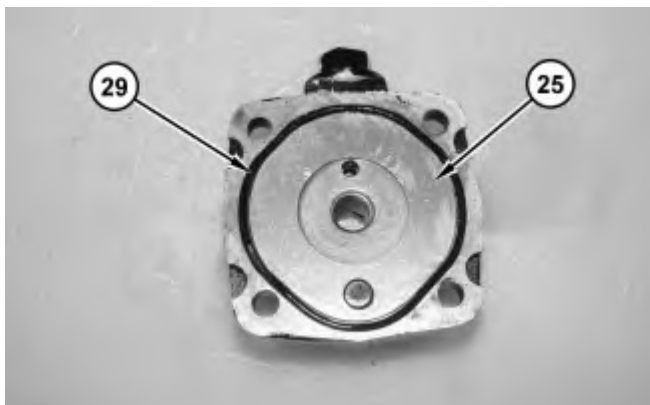


Illustration 11

g01310823

14. Remove nut (28), washer (27), and cover (25) from piston assembly (26) .



15. Remove O-ring seal (29) from cover (25) .



Illustration 13

! WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

16. Use Tooling (A) in order to remove retaining ring (30) .

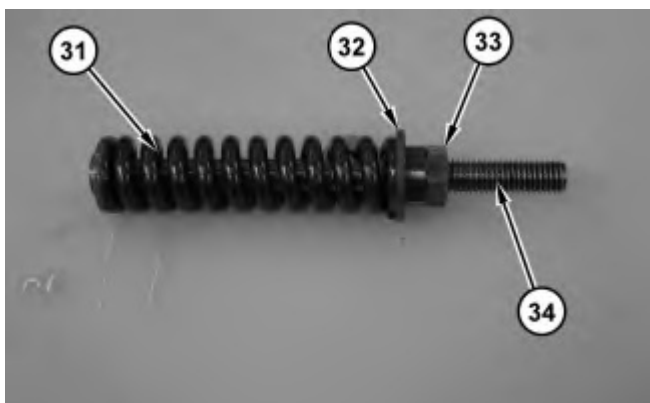


Illustration 14

WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

17. Remove nuts (33), washer (32), and spring (31) from bolt (34) .

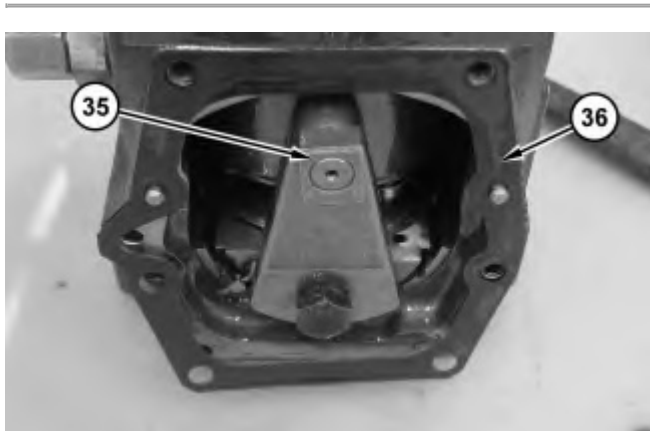


Illustration 15

g01310837

18. Remove block (35) and gasket (36) .



Illustration 16

g01310843

19. Remove rotating group (37) and gasket (38) .

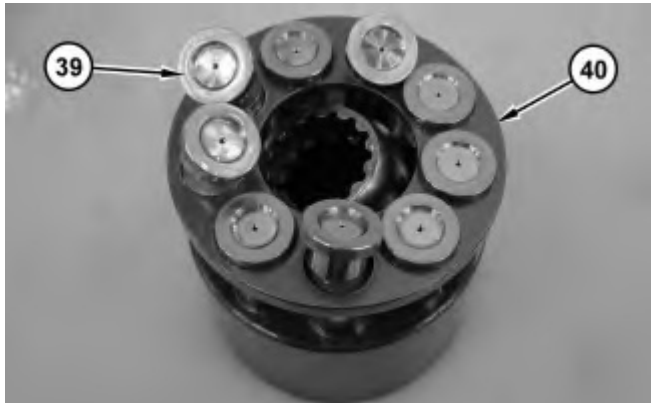


Illustration 17

g01310845

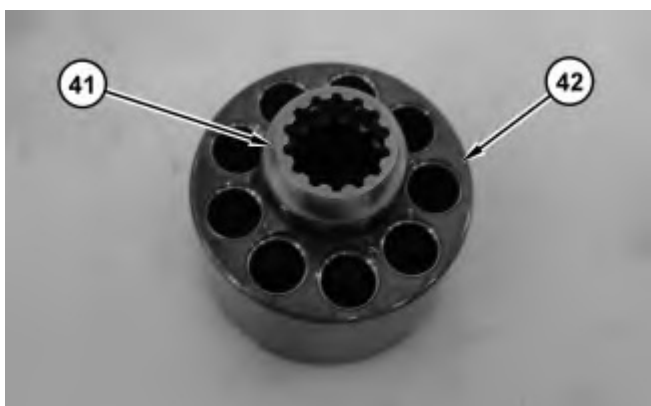
20. Remove pistons (39) and retaining plate (40) from the barrel.



Illustration 18

g01310846

21. Remove pistons (39) from retaining plate (40) .



22. Remove bearing (41) from barrel (42) .



Illustration 20

23. Remove retainer (43) and pins (44) .

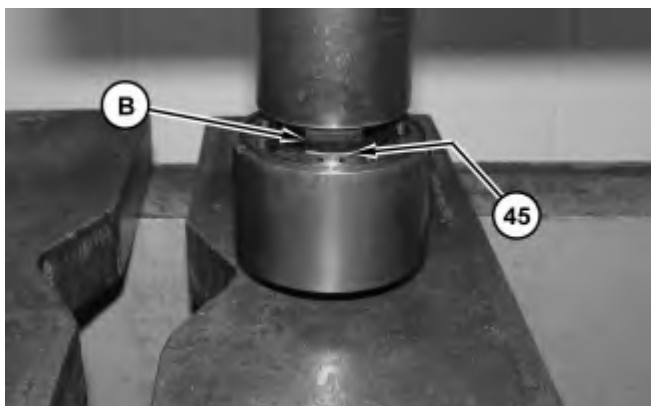
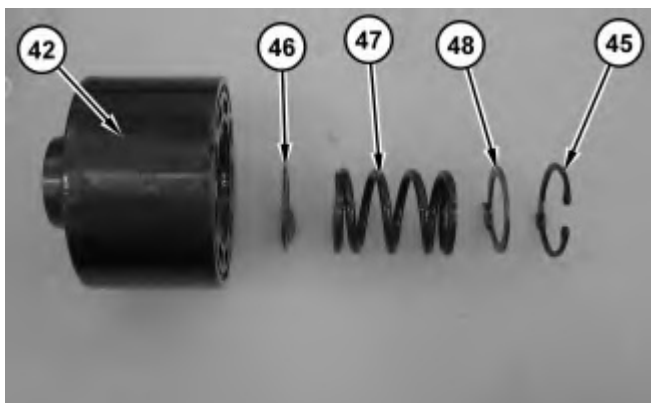


Illustration 21



! WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

24. Use Tooling (B), Tooling (C), and a suitable press in order to remove retaining ring (45) .
25. Remove washer (48), spring (47), and washer (46) from barrel (42) .



Illustration 23

g01310830

26. Use Tooling (D) in order to remove retaining ring (49) .
 27. Remove cover (50) .
-

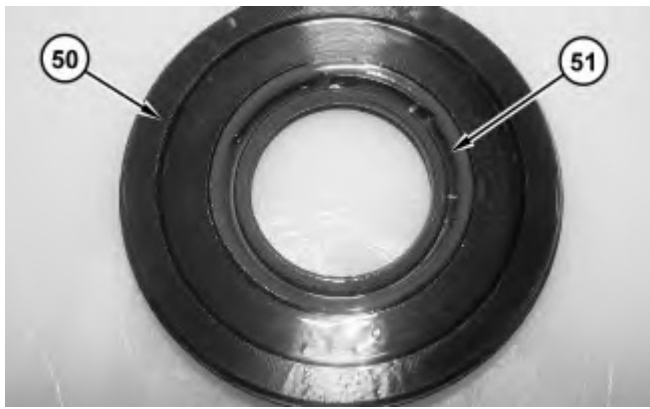


Illustration 24

g01310832

28. Remove lip seal (51) from cover (50) .



Illustration 25

g01310833

29. Remove O-ring seal (52) and shaft (53) .

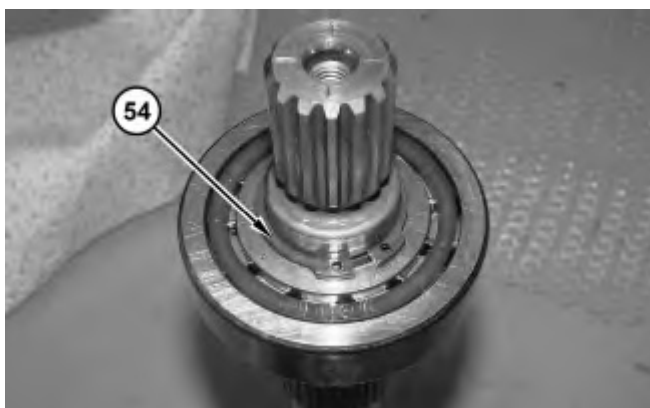


Illustration 26

g01310835

30. Use Tooling (E) in order to remove retaining ring (54) .

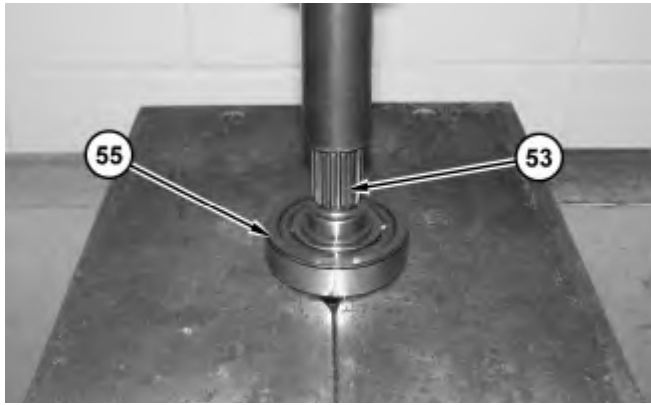


Illustration 27

g01310836

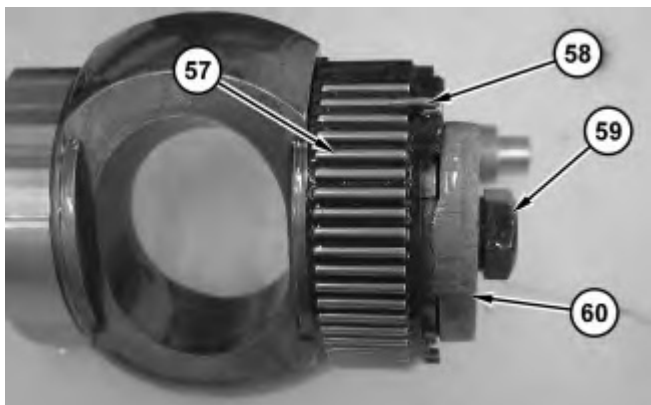
31. Use a suitable press in order to remove bearing (55) from shaft (53) .



Illustration 28

g01310838

32. Remove swashplate assembly (56), bearing (57), and pin (58) .



33. Remove pin (58), bearing (57), bolt (59), and controller (60) .

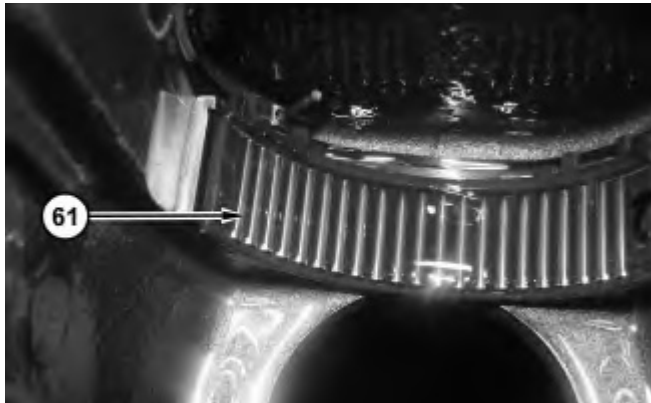
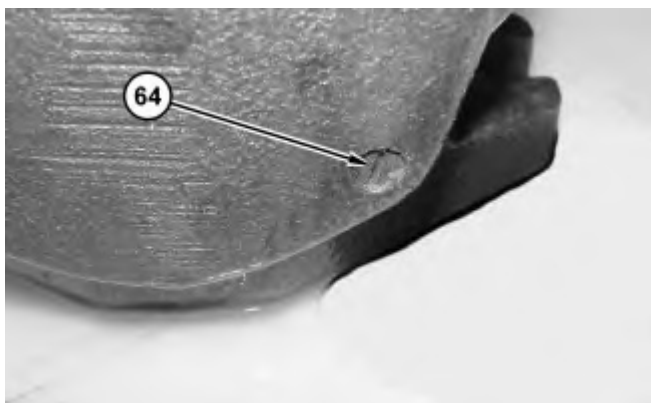


Illustration 30

34. Remove bearing (61) .



Illustration 31



35. Remove races (62) .

36. Remove plug (64) and pin (63) .

Product: VIBRATORY COMPACTOR

Model: CB-334E VIBRATORY COMPACTOR C3E

Configuration: CB-334E CB-335E Vibratory Compactor C3E00001-UP (MACHINE) POWERED BY 3013C Engine

Disassembly and Assembly CB-334E Series II and CB-335E Series II Vibratory Compactors Machine Systems

Media Number -KENR7108-00

Publication Date -01/02/2007

Date Updated -22/02/2007

i02617401

Piston Pump (Propel) - Assemble

SMCS - 5070-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1861	Retaining Ring Pliers	1
B	1P-0510	Driver Gp	1
C	1P-1858	Retaining Ring Pliers	1
D	5P-4758	Retaining Ring Pliers As	1
E	1P-1860	Retaining Ring Pliers	1



Illustration 1

g01310841

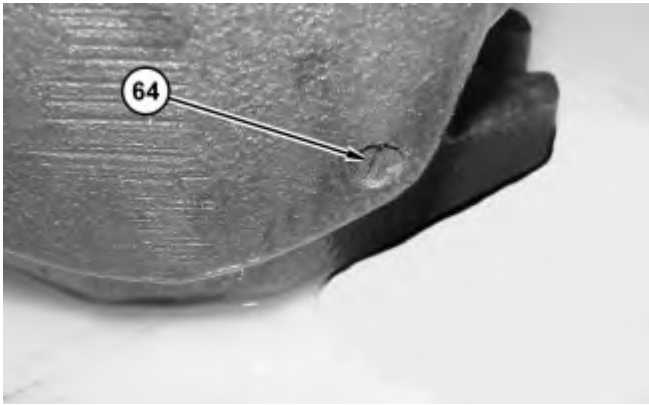


Illustration 2

g01310842

1. Install pin (63) and plug (64) .
2. Install races (62) .

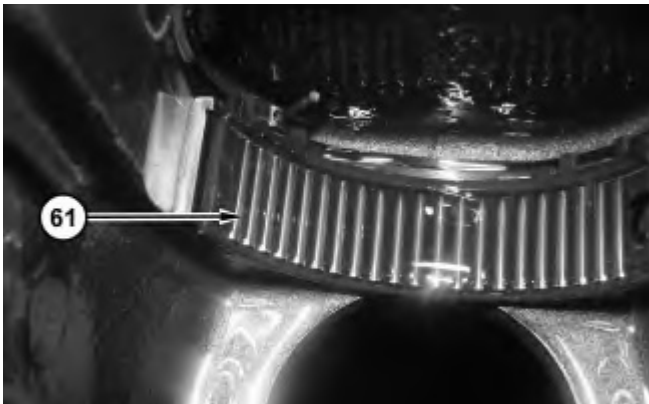


Illustration 3

g01310840

3. Install bearing (61) .
-

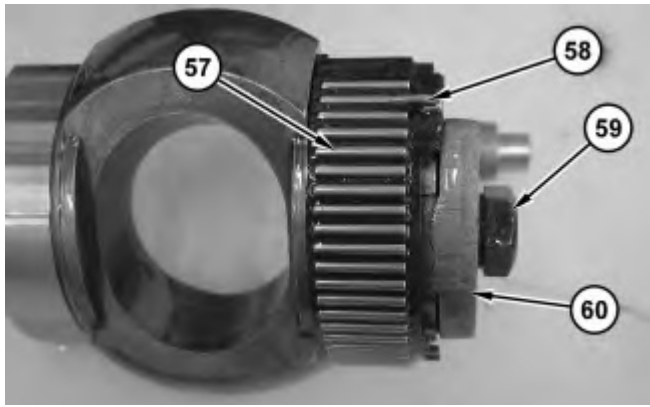


Illustration 4

g01310839

4. Install controller (60), bolt (59), bearing (57), and pin (58) .



Illustration 5

g01310838

5. Install pin (58), bearing (57), and swashplate assembly (56) .

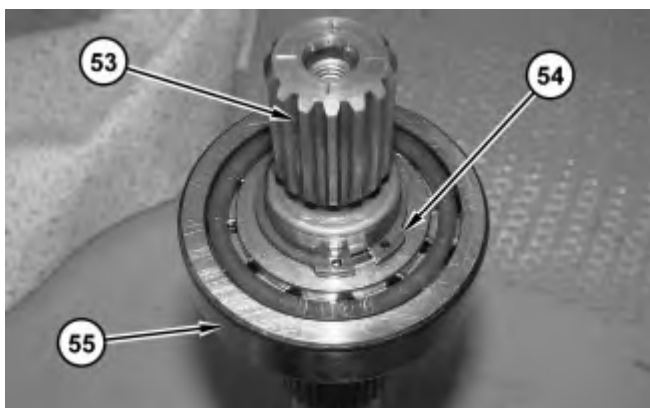


Illustration 6

g01311535

6. Raise the temperature of bearing (55) .

7. Install bearing (55) onto shaft (53) .
8. Use Tooling (E) in order to install retaining ring (54) .



Illustration 7

g01310833

9. Install shaft (53) and O-ring seal (52) .

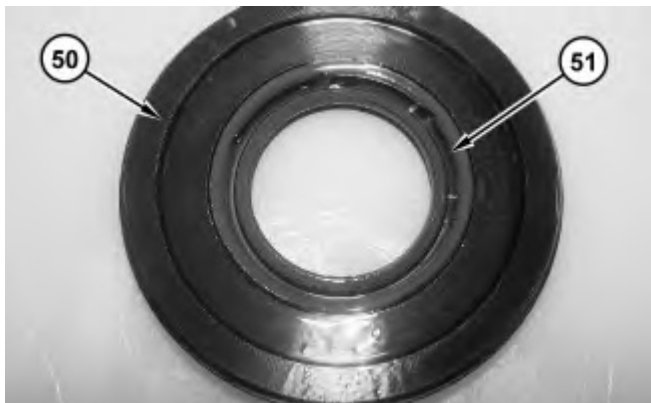


Illustration 8

g01310832

10. Install lip seal (51) into cover (50) .
-

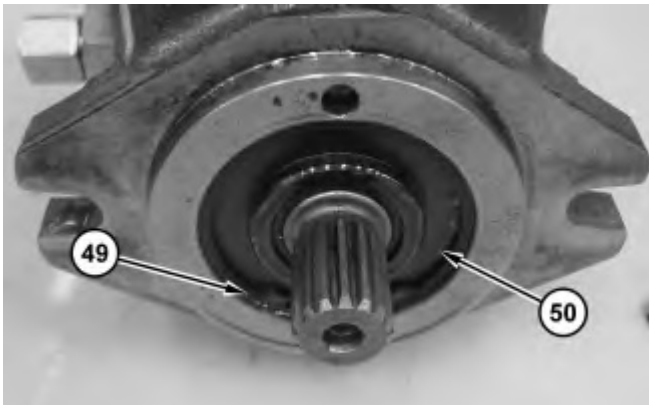


Illustration 9

g01310830

11. Install cover (50) .
12. Use Tooling (D) in order to Install retaining ring (49) .

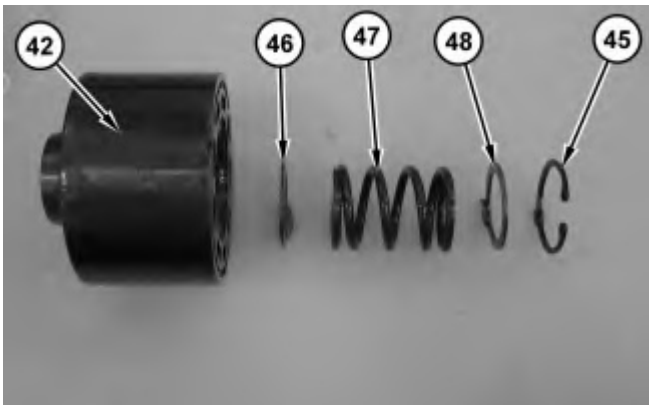


Illustration 10

g01310849

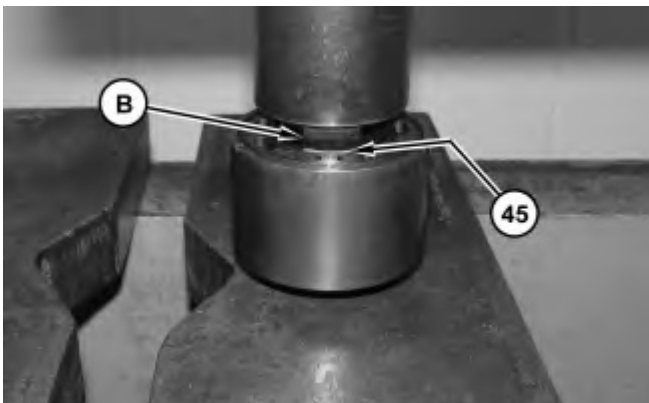


Illustration 11

g01311061

WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

13. Install washer (46), spring (47), and washer (48) into barrel (42) .
14. Use Tooling (B), Tooling (C), and a suitable press in order to install retaining ring (45) .



Illustration 12

g01310844

15. Install pins (44) and retainer (43) .

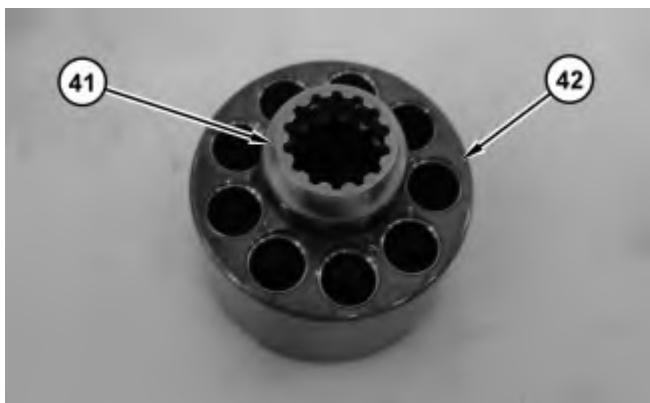


Illustration 13

g01310848

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com