



# Service Repair Manual

## **Models**

CS-563E and CP-563E  
Vibratory Compactor

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Product: VIBRATORY COMPACTOR

Model: CS-563E VIBRATORY COMPACTOR ASA

Configuration: CS-563E CP-563E Vibratory Compactor ASA00001-UP (MACHINE) POWERED BY 3056E Engine

## Disassembly and Assembly CP-563E, CP-573E, CS-563E, CS-573E and CS-583E Paving Compactors Machine Systems

Media Number -KENR3604-04

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i01908156

### Piston Pump (Propel) - Disassemble - Axle Propel Pump

SMCS - 3203-015; 5070-015; 5070-015-PQ

### Disassembly Procedure

#### Start By:

- A. Remove the propel pumps. Refer to Disassembly and Assembly, "Piston Pumps (Axle Propel and Drum Propel) - Remove".

**Note:** Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

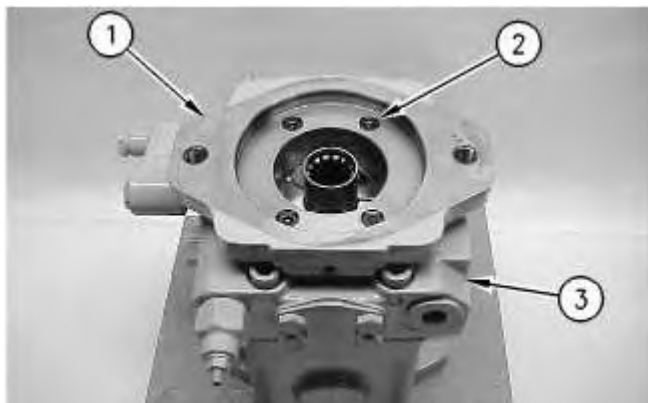


Illustration 1

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1. Remove bolts (2) and remove mounting flange (1) from head assembly (3) .



Illustration 2

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2. Remove O-ring seal (4) from mounting flange (1) .

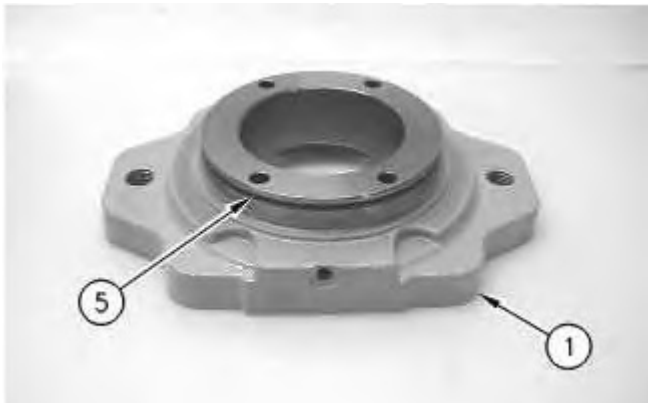


Illustration 3

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3. Remove O-ring seal (5) from mounting flange (1) .

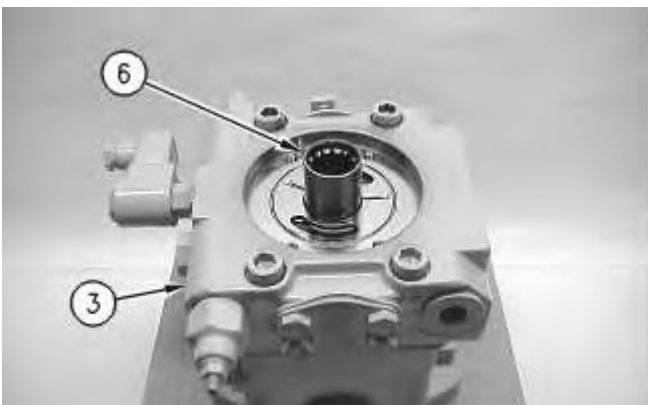


Illustration 4

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4. Remove coupling (6) from head assembly (3) .

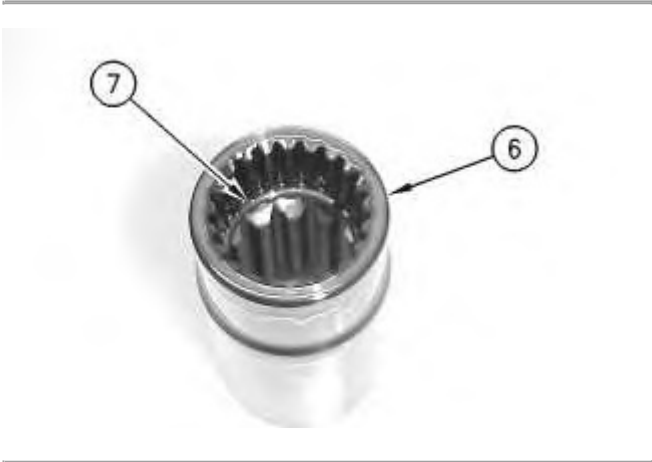


Illustration 5

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5. Remove retaining ring (7) from coupling (6) .

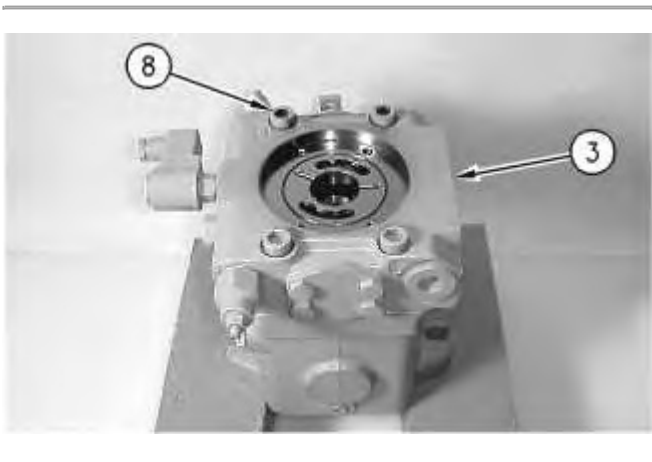
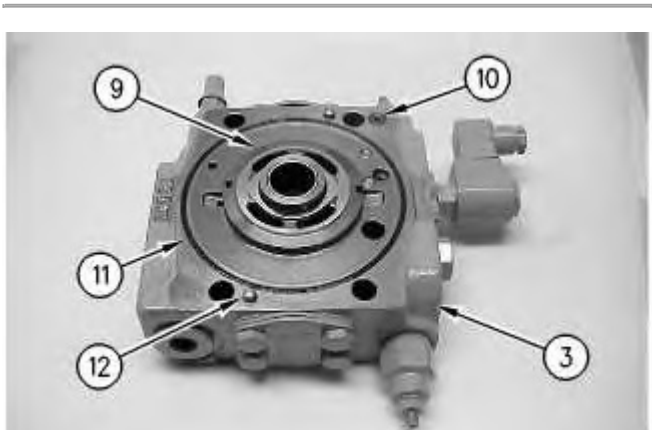


Illustration 6

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6. Remove bolts (8) and remove head assembly (3) from the housing.



7. Remove O-ring seals (10) and (11) from head assembly (3) .
8. Remove dowels (12) from head assembly (3) .

**Note:** Mark the orientation of port plate (9) for assembly purposes.

9. Remove port plate (9) from head assembly (3) .



Illustration 8

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**Note:** Mark the orientation of pin (13) for assembly purposes.

10. Remove pin (13) from port plate (9) .

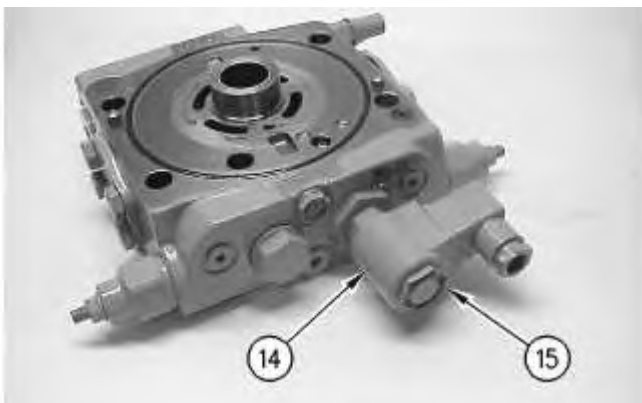


Illustration 9

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11. Remove nut (15) and solenoid assembly (14) .

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