# **CATERPILLAR®**

### Service Repair Manual

### Model

## 226B3 SKID STEER LOADER

Product: SKID STEER LOADER
Model: 226B3 SKID STEER LOADER SNA
Configuration: 226B3 Skid Steer Loader SNA00001-UP (MACHINE) POWERED BY C2.2 Engine

#### **Disassembly and Assembly**

259B3 Compact Track Loader, 247B3 and 257B3 Multi Terrain Loaders and 216B3, 226B3, 236B3, 242B3 and 252B3 Skid Steer Loaders Power Train

Media Number -UENR0251-07

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i02362815

#### Piston Pump (Hydrostatic) - Assemble

SMCS - 5070-016-H7

#### **Assembly Procedure**

| Table 1        |             |                       |     |
|----------------|-------------|-----------------------|-----|
| Required Tools |             |                       |     |
| Tool           | Part Number | Part Description      | Qty |
| A              | 9U-7289     | Ruler                 | 1   |
| В              | 1P-1861     | Retaining Ring Pliers | 1   |
| F              | 1P-0510     | Driver Gp             | 1   |
| G              | 1P-1854     | Retaining Ring Pliers | 1   |
| J              | 1P-1860     | Retaining Ring Pliers | 1   |
| K              | 8H-0663     | Bearing Puller Gp     | 1   |
| L              | 2P-8301     | Seal Guide            | 1   |
| М              | 6V-2055     | Grease                | 1   |
| N              | 1U-6395     | Grease                | 1   |
| Р              | 98-3263     | Thread Lock Compound  | 1   |

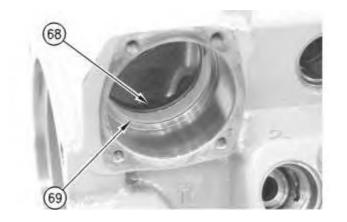


Illustration 1

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- 1. Install liner (69).
- 2. Install seal (68).

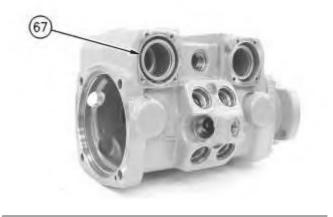


Illustration 2

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3. Install actuator (67).

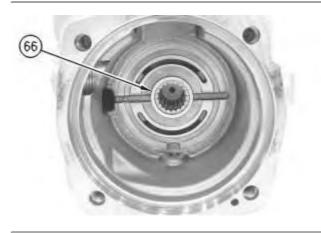


Illustration 3

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4. Install bearing (66).

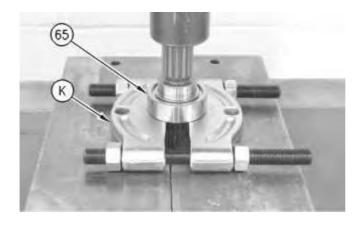
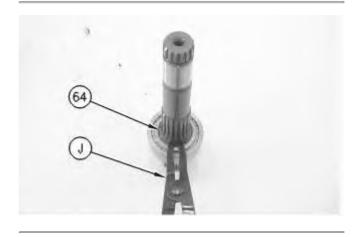


Illustration 4

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- 5. Raise the temperature of bearing (65).
- 6. Use a suitable press and Tooling (K) to install bearing (65).





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7. Use Tooling (J) to install retaining ring (64).

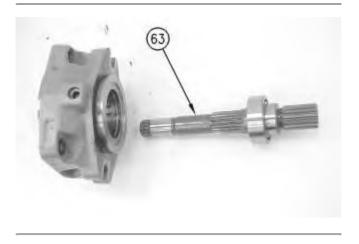


Illustration 6

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8. Install shaft (63).

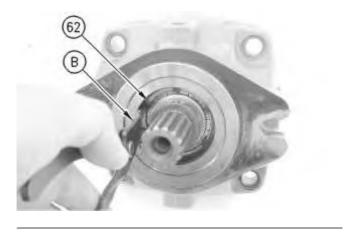


Illustration 7

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9. Use Tooling (B) to install retaining ring (62).



Illustration 8

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- 10. Dowel (59) must be aligned with the piston pump housing during assembly.
- 11. Install O-ring seal (58).

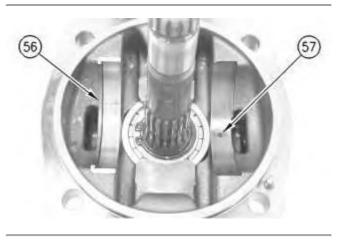


Illustration 9

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12. Install bearing races (56) on pins (57).

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