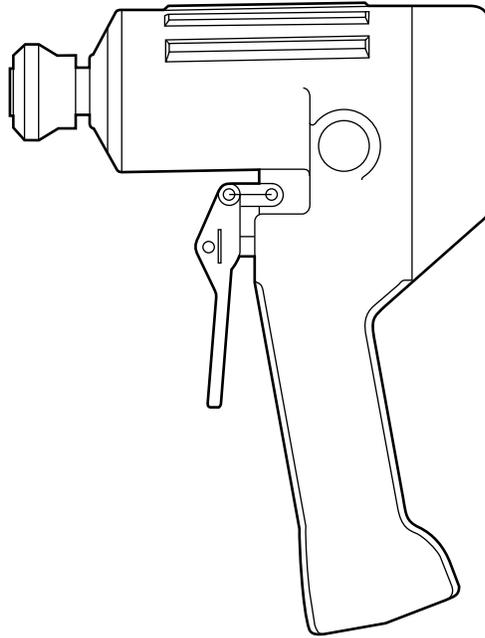


# SERVICE BULLETIN SB - 270



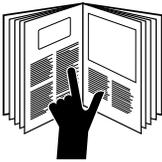
## BEARING UPDATE KITS

49121/49122

**H8508 Series Impact Wrenches**



**Read and understand** this material before servicing this impact wrench. Failure to follow instructions could result in bodily injury and/or property damage. This tool should only be serviced by qualified personnel.

	<h3>⚠ CAUTION</h3>
	<p>The person(s) performing service must be trained in the operation and use of the H8508. Read and understand instruction manuals 999 1705.0 (48330, 48329) and 999 1952.4 (48755, 48760) before proceeding with service.</p> <p>Failure to observe this precaution may result in injury or property damage.</p>

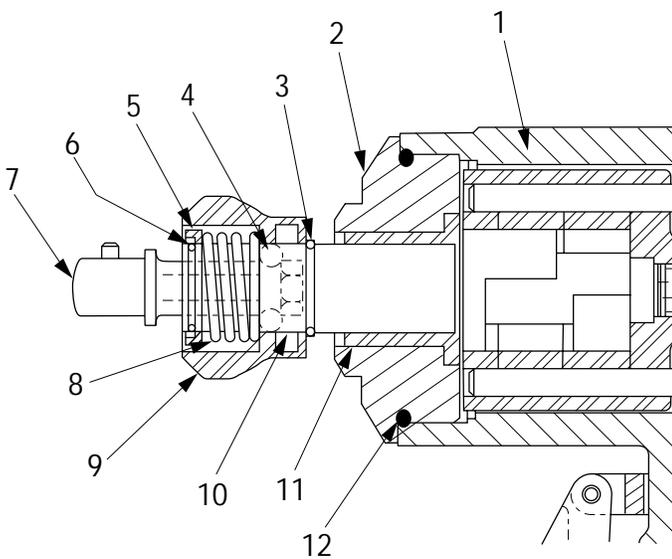
## 49121 Cap Update Kit Installation Instructions

Complete disassembly of the tool is not required.

### Quick-Change Chuck (See Figure 1)

1. Press on thrust ring (5) to expose thrust ring lock (6). Remove thrust ring lock (6) thrust ring (5) and spring (8). Slide retaining sleeve (9) off anvil (10) and remove the two steel balls (4).
2. Remove the second thrust ring lock (6). Discard both old thrust ring locks (3 & 6).

*Note: To prevent the loss of any steel balls, it is recommended to perform this step over a clean, empty container to catch any components that may fall free.*



**Figure 1**  
H8508 Series Impact Wrench

1. Handle Assembly
2. Hammer Case Cap
3. Thrust Ring Lock
4. Steel Ball
5. Thrust Ring
6. Thrust Ring Lock
7. Drive Shank
8. Spring
9. Retaining Sleeve
10. Anvil
11. Bearing
12. O-Ring

### Hammer Case Components

1. Using flats provided on hammer case cap (2) unscrew cap and remove from tool.
  2. Discard old cap.
  3. Install O-ring (12) over threads of new cap assembly (2).
- Note: Apply lubrication to threads.*
4. Slide new cap assembly (2 & 11) over anvil (10) and using flats on cap (2) screw into handle assembly (1), and tighten securely.

### Quick-Change Chuck

1. Slide thrust ring lock (3) over anvil (10) to groove closest to hammer case cap (2).
2. Insert two balls (4) into holes in anvil (10). Slide retaining sleeve (9) onto anvil (10) "Open" side up. Insert spring (8) and thrust ring (5) into retaining sleeve (9). Depress thrust ring (5) and install thrust ring lock (6) on anvil (10). This will secure retaining sleeve (9) to anvil (10). Insert drive shank (7) into chuck.

## 49122 Bearing Update Kit Installation Instructions

Complete disassembly of the tool is not required.

### Quick-Change Chuck (See Figure 1)

1. Press on thrust ring (5) to expose thrust ring lock (6). Remove thrust ring lock (6) thrust ring (5) and spring (8). Slide retaining sleeve (9) off anvil (10) and remove the two steel balls (4).

2. Remove the second thrust ring lock (6). Discard both old thrust ring locks (3 & 6).

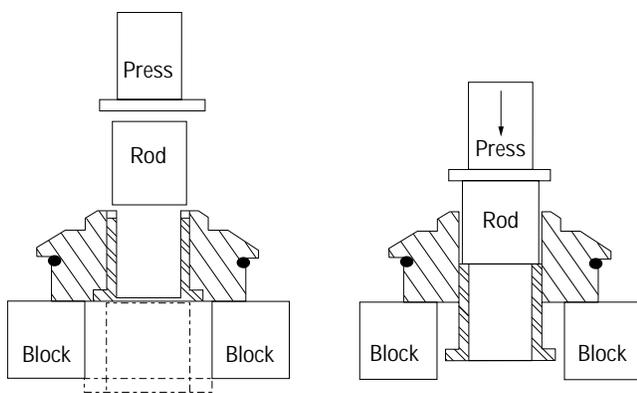
*Note: To prevent the loss of any steel balls, it is recommended to perform this step over a clean, empty container to catch any components that may fall free.*

### Hammer Case Components

Using flats provided on hammer case cap (2) unscrew cap and remove from tool.

### Bearing Removal (See Figure 2)

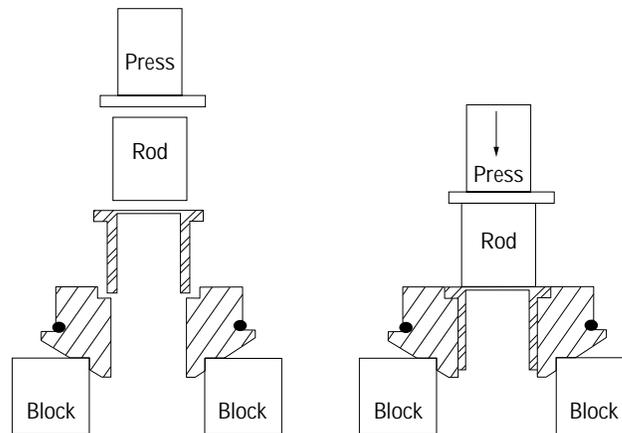
1. Place cap (2) on blocks as shown.
2. Locate a brass or aluminum rod approximately the same diameter of the bearing (11).
3. Place rod on top of the bearing (11), applying pressure with your press or tap out with plastic or fiber hammer.
4. Discard the old bearing.



**Figure 2**  
Bearing Removal

### Bearing Installation (See Figure 3)

1. Place hammer case cap (2) on blocks as shown
2. Press or tap new bearing (11) in place with plastic or fiber hammer.
3. Be sure the bearing is completely re-seated.



**Figure 3**  
Bearing Installation

### Hammer Case Components

1. Install O-ring (12) over threads on hammer case cap (2).

*Note: Apply lubrication to threads.*

2. Slide hammer case cap assembly (2 & 11) over anvil (10) and using flats on cap (2) screw into handle assembly (1), and tighten securely.

### Quick-Change Chuck

1. Slide thrust ring lock (3) over anvil (10) to groove closest to hammer case cap (2).
2. Insert two balls (4) into holes in anvil (10). Slide retaining sleeve (9) onto anvil (10) "Open" side up. Insert spring (8) and thrust ring (5) into retaining sleeve (9). Depress thrust ring (5) and install thrust ring lock (6) on anvil (10). This will secure retaining sleeve (9) to anvil (10). Insert drive shank (7) into chuck.

**49121 Cap Update Kit** (Reference Figure 1)

<b>Part No.</b>	<b>Description</b>	<b>Qty</b>
48516	Cap Assembly .....	1
48349	Thrust Ring Lock .....	2
F020780	O-Ring .....	1
999 2202.9	Service Bulletin (SB-270) .....	1

**49122 Bearing Replacement Kit** (Reference Figure 1)

<b>Part No.</b>	<b>Description</b>	<b>Qty</b>
48517	Bearing .....	1
48649	Thrust Ring Lock .....	2
F020780	O-Ring .....	1
999 2202.9	Service Bulletin (SB-270) .....	1

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