

Snap-on Tools Company
Kenosha, WI 53141-1410
USA

Snap-on Flex Head Ratchets, Locking Flex Head Ratchets, and Breaker Bars Repair Kit

INSTRUCTIONS

Snap-on Tools Company
Kenosha, WI 53141-1410, USA
Printed in USA 8/99
ZRRR841LMJT

Safety Information

⚠ WARNING



Position the spring away from any persons to prevent injury.
Wear safety goggles, user and bystanders.
Flying particles can cause injury.



Improper repair can cause broken tools.
• Read and follow instructions for proper repair.
• Do not immerse ratchet in fluids.
• Do not replace worn parts individually.
• Use all parts found in this kit.
Broken tools can cause injury.

Disassembly

To disassemble the tool, complete the following steps. Refer to *Figure 1* for the parts list.

1. Remove head.

- Remove the joint screw (B) with the appropriate Torx driver. See *Table 1*.
- Separate the head (D) from the handle (A).
- Remove the coil spring (C).

Locking Flex Head Ratchets

- Remove inner components
- Remove button screw (G) with appropriate wrench. See *Table 2*.
- Hold plunger (E) in position.
- Remove lock button (H).
- Slide plunger (E) and compression spring (F) out of end of handle.

2. Clean and inspect the handle.

- Check for excessive wear, cracks, burrs, chrome peeling, rust, etc.
- Clean thoroughly with a solvent and dry completely before installing any replacement parts.

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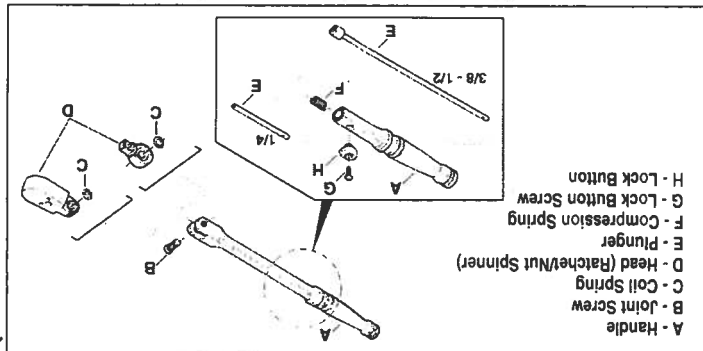


Figure 1: Ratchet and Breaker Bar Assembly Parts List

Assembly

To assemble the tool, complete the following steps. Refer to *Figure 1* for the parts list.

Use all parts supplied with repair kit.

✓ Ratchet head repair kits sold separately.

Breaker Bars (step 5 only)

The Repair Kit includes a joint screw

(B), head (D), and coil spring (C).

Locking Flex Head Ratchets (steps 1-5)

The Repair Kit includes a plunger (E),

a compression spring (F), a lock

button screw (G), and a replacement

lock button (H).

Flex Head Ratchets (step 5 only)

The Repair Kit includes a joint screw

(B) and coil spring (C).

IMPORTANT

The tool interior must be free of

all foreign materials (e.g., dirt,

metal chips) to ensure proper

operation of the ratchet.

1. Install compression spring (F) into handle

(A).

2. Install plunger (E) into handle (A),

compressing the spring. Hold the plunger

in place.

Drive Size	Wrench	Torque
1/2"	5/64" Hex	3.5 in.-lbs.
3/8"	1/16" Hex	1.5 in.-lbs.
1/4"	1/16" Hex	1.5 in.-lbs.

Table 2: Lock Button Screw

Drive Size	Driver	Torque
1/2"	T30 Torx	60 in.-lbs.
3/8"	T25 Torx	40 in.-lbs.
1/4"	T15 Torx	30 in.-lbs.

Table 1: Joint Screw

3. Install the lock button (H) into the handle slot.
4. Install lock button screw (G) and tighten to specified torque. See *Table 2*.
5. Replace head.
- Install coil spring (C) in counter bore of the head (D).
- Install head (D) in yoke of handle (A).
- Install screw (B) and tighten to specified torque. See *Table 1*.