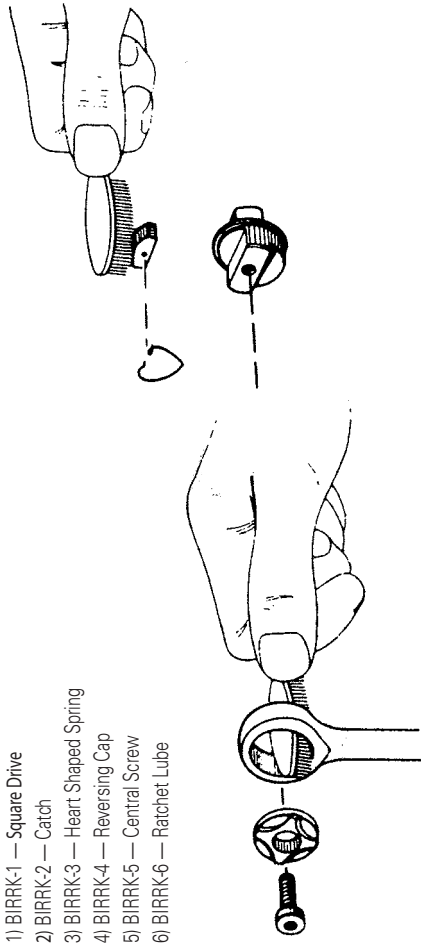


Maintenance Instructions

The AIR Ratchet is designed to require very low maintenance. DO NOT TAKE RATCHET APART FOR PERIODIC MAINTENANCE. If the ratchet ever slips when being used, dismantle the ratchet and brush the teeth of the body and the catch vigorously. Grease and reassemble as per the assembly instructions shown on the other side.

Replacement Part #'s

- 1) BIRRK-1 — Square Drive
- 2) BIRRK-2 — Catch
- 3) BIRRK-3 — Heart Shaped Spring
- 4) BIRRK-4 — Reversing Cap
- 5) BIRRK-5 — Central Screw
- 6) BIRRK-6 — Ratchet Lube

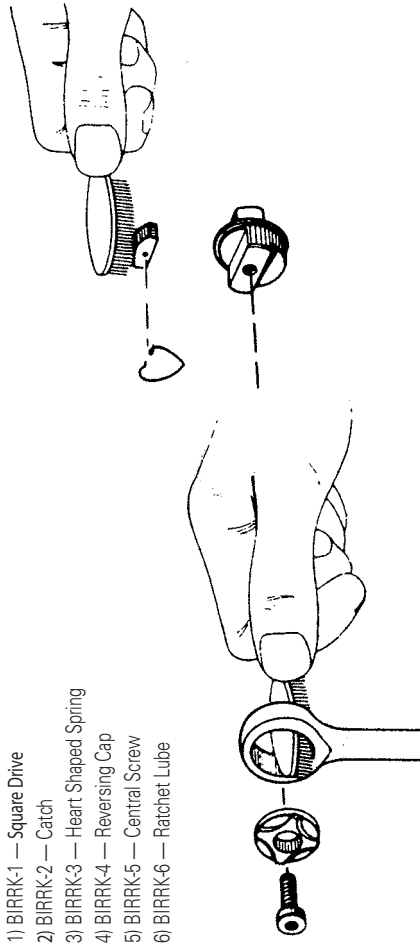


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Ratchet Repair Kit

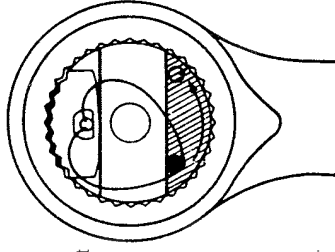
Dis-assembly

The Central Screw holds the Ratchet Assembly together. This Central Screw is Self locking. This Screw is properly set when the ratchet was assembled. If overtightened the Central screw will lock the ratchet assembly.

- 1) Untighten the Central Screw even though it feels stiff.

Assembly Instructions

- 1) Put the square drive in a vise.
- 2) Grease the teeth opposite the catch well (see sketch) using the Ratchet lube or an high quality white lithium-based grease.
- 3) Put the heart shaped spring in position as shown in sketch.
- 4) Place the reversing cap such that the stud in the reversing cap passes through the point of the heart shaped spring and also into the catch cut-out, hatched in grey in the sketch. (The tension of the spring forces the stud against the shoulder of the cut-out either at the black point in the sketch or at the white point after the reversing point).
- 5) Hold the cap in place and tighten the screw until it is snug.
- 6) Back out the screw about 1/4 turn. (If the ratchet does not function the stud may have moved during tightening, in which case start from point #3.



Ratchet Repair Kit

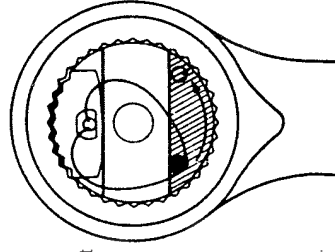
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BIRRK

Ratchet Repair Kit Assembly Instructions

MADE IN U.S.A.

BIRRK

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