

MOTOR GEAR REMOVAL & FITTING

TOOLS REQUIRED:

- Vice
- 2 Flat-blade large screw drivers
- 4mm pin punch
- Small hammer
- Gear removal tool
 - 1. Place the old motor in the vice. Align the top of the motor with the top of the vice jaws. Tighten the jaws until you hear the motor 'crack'
 - 2. Slot on the Gear Removal Tool, as per the first photo, fitting all the way on.
 - 3. Place the two flat-blade screwdrivers under the Gear Removal Tool then gently lever screwdrivers in the down position, therefore pulling the gear off the old motor shaft.





NOTE: Gear is soft and vulnerable to damage, so utmost care is required so as to not bruise the teeth.

- 4. Keep the gear as it's required soon! Remove and discard old motor from the vice.
- 5. Place the new motor vertically on a solid flat surface

NOTE: DO NOT clamp the new motor in any way.

- 6. Locate the gear on the end of the motor shaft
- 7. Using the 4mm punch and small hammer, gently tap the gear onto shaft until flush.







IMPORTANT:

Keep motor, gear, punch and hammer vertical whilst tapping gear on to avoid motor or gear damage.



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