

Safety and Assembly Instructions

CRAFTSMAN®

FLEX SHAFT for ALL-IN-ONE CUTTING TOOL

**Model No.
183.287660**



ALWAYS WEAR EYE PROTECTION. Any power tool can throw foreign objects into your eyes which could cause permanent eye damage. **ALWAYS wear safety goggles (not glasses) that comply with ANSI safety**



standard Z87.1. Everyday glasses have only impact resistant lenses. They **ARE NOT** safety glasses. Safety goggles are available at most hardware stores.

Glasses or goggles not in compliance with ANSI Z87.1 could cause serious injury when they break.

USE FACE OR DUST MASK along with safety goggles if cutting or routing operation is dusty. Make sure work area is well ventilated.

NEVER PLACE HANDS IN THE PATH OF THE CUTTER or under the workpiece.

USE HEARING PROTECTION, particularly during extended periods of operation.

ALWAYS RE-TIGHTEN COLLET before starting the tool after a cutting bit or accessory has been changed. Loose bits and accessories can cause unexpected shifting of the tool, resulting in loss of control and injury from the bit or cutting tool being thrown.

NEVER TOUCH THE CUTTING BIT IMMEDIATELY AFTER USE. The bit will be too hot to be handled with bare hands and will burn your fingers.

ASSEMBLY INSTRUCTIONS

1. Turn cutting tool motor switch OFF and remove plug from the power source.
2. Lock main shaft (3) by rotating the collet nut (1) while pressing on the spindle lock button (4) until the spindle lock prevents shaft from rotating (see Fig. 1).
3. Use cutting tool flat wrench (5) to loosen the collet nut by turning it counter clockwise. Remove collet (2) from inside main shaft of cutting tool.

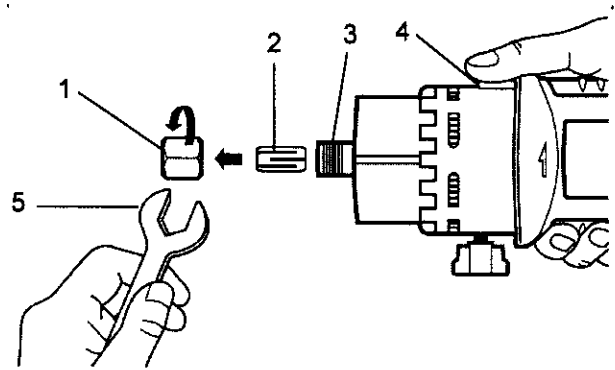


Fig. 1

4. Insert collet with square hole (6) into main shaft (3) and re-install the collet nut (1) onto the main shaft (see Fig. 2).
NOTE: Collet with square hole is packed with the flex shaft package.
5. Use cutting tool flat wrench (5) to tighten the collet nut firmly onto the main shaft while spindle lock is engaged into the main shaft. Turn nut clockwise to tighten.

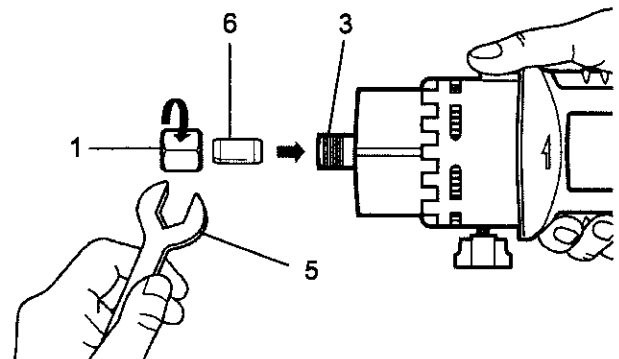


Fig. 2

Sears, Roebuck and Co., Hoffman Estates, IL 60179 USA

Part. No. 183287660001 07/03/02

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ASSEMBLY INSTRUCTIONS – cont'd

6. Align the flex shaft connector cap (6) with the cutting tool motor housing (8) (see Fig. 3).

NOTES:

- a) Carefully align the square end of the flex shaft center core so it will engage into the square hole in the collet.
- b) Make sure the keyway (7) in the inside of the connector cap aligns with the matching key (8) on the motor housing.
- c) Occasionally the flex shaft inner core may slide out of the outer casing during handling. If this should happen, simply reinsert the inner core into the outer casing from the connector cap end of the flex shaft. Rotate the inner core to ensure the square end is properly engaged in the collet assembly.
7. When shaft center core and connector cap are properly aligned, slide the connector cap fully onto the motor housing. Lock connector cap into place by pressing on the quick connect lever (9).

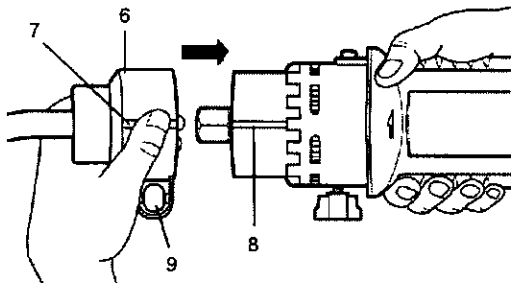


Fig. 3

8. To insert an accessory into the flex shaft collet, rotate collet nut (12) until hole in shaft aligns with hole in flex shaft collar (11) (see Fig. 4). Insert Allen key (10) into aligned holes and use the small flat wrench supplied (13) to turn collet nut counter clockwise.
9. When collet is loose, insert accessory and turn collet clockwise to tighten, making sure the accessory is centered in the collet. Use the small flat wrench to tighten clockwise.
10. Remove Allen key and rotate the collet by hand to ensure accessory does not wobble.

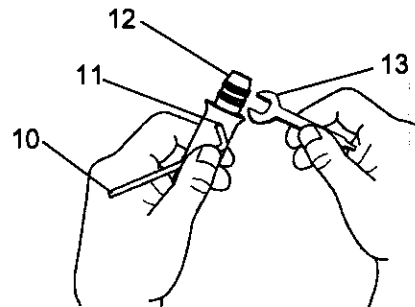


Fig. 4

To Change Collet Size

The flex shaft comes with two different collets. One is for 1/8" shank bits and the other is for 3/32" shank bits.

1. Loosen collet nut on end of shaft as outlined in step #8 above.
2. Remove collet nut (12) and remove collet (13) from end of shaft (14) (see Fig. 5).
3. Insert correct collet in the end of the shaft.
4. Reinstall collet nut on shaft.

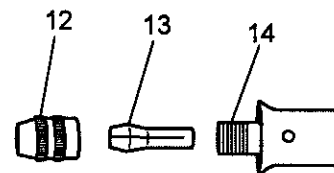


Fig. 5

CAUTION

Do not store or operate flex shaft with a bend radius of less than 6" (150mm) (see Fig. 5).

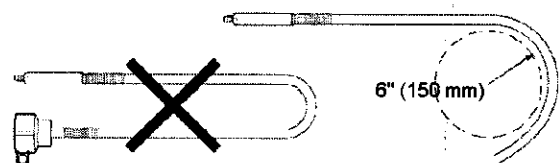


Fig. 6