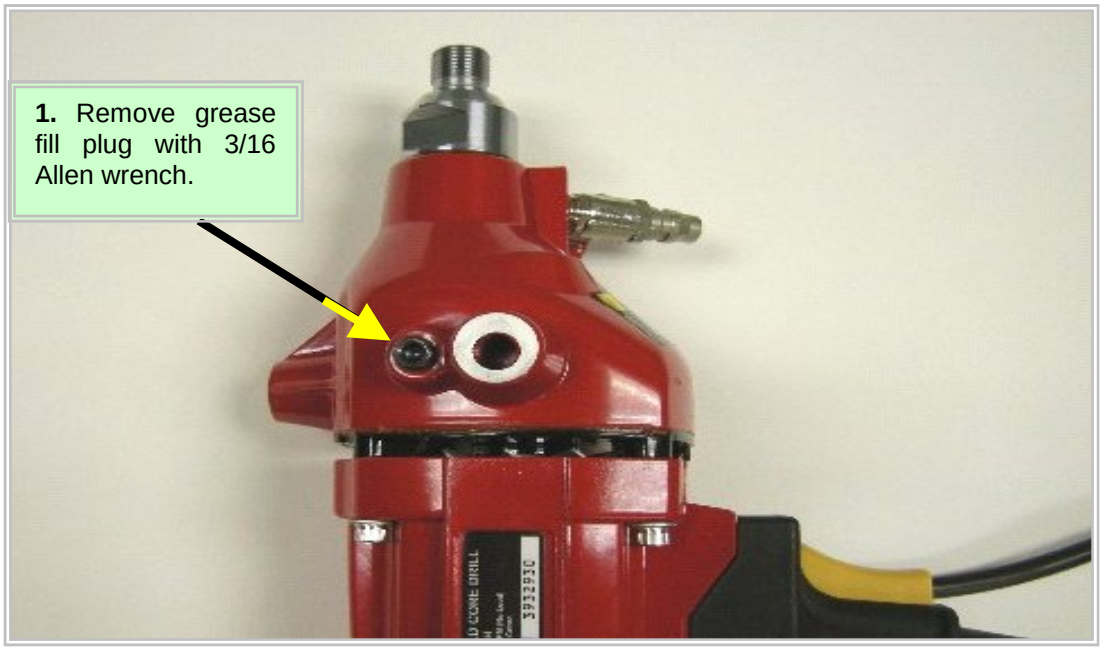
TECHNICAL INFORMATION

Product Group: Core Drills
Model: CDM1H

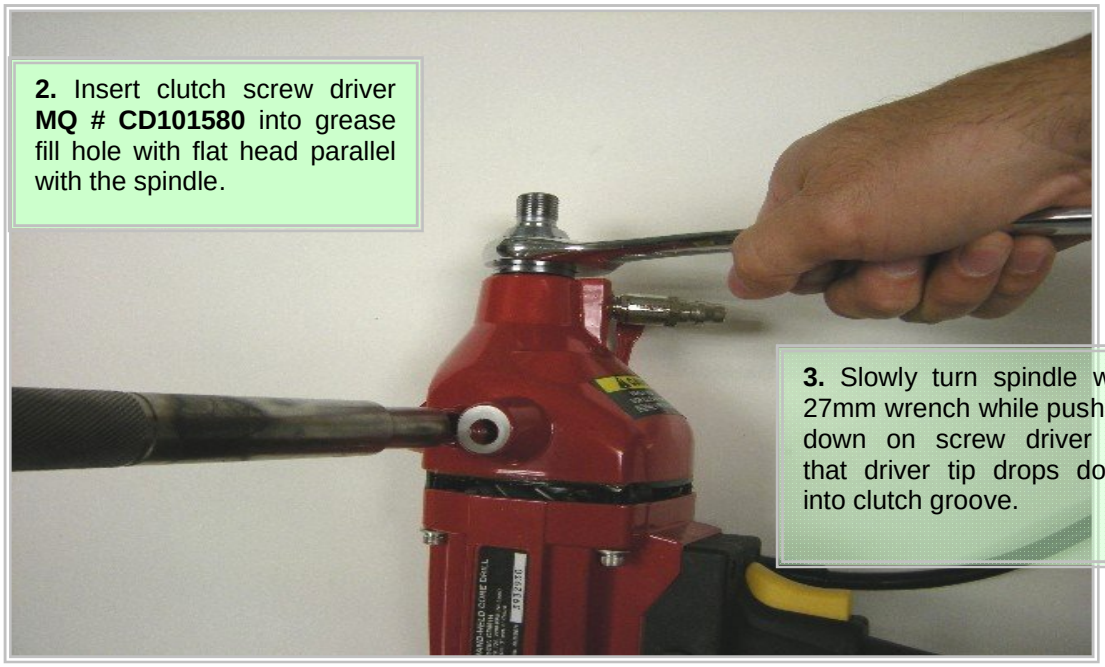
CLUTCH ADJUSTMENT INSTRUCTIONS

In order to properly adjust clutch it will be necessary to hold clutch in place while turning the spindle as well as during amp draw. Multiquip has specially made tools available for this procedure to be preformed safely.

(see page 3 for complete details of tools)



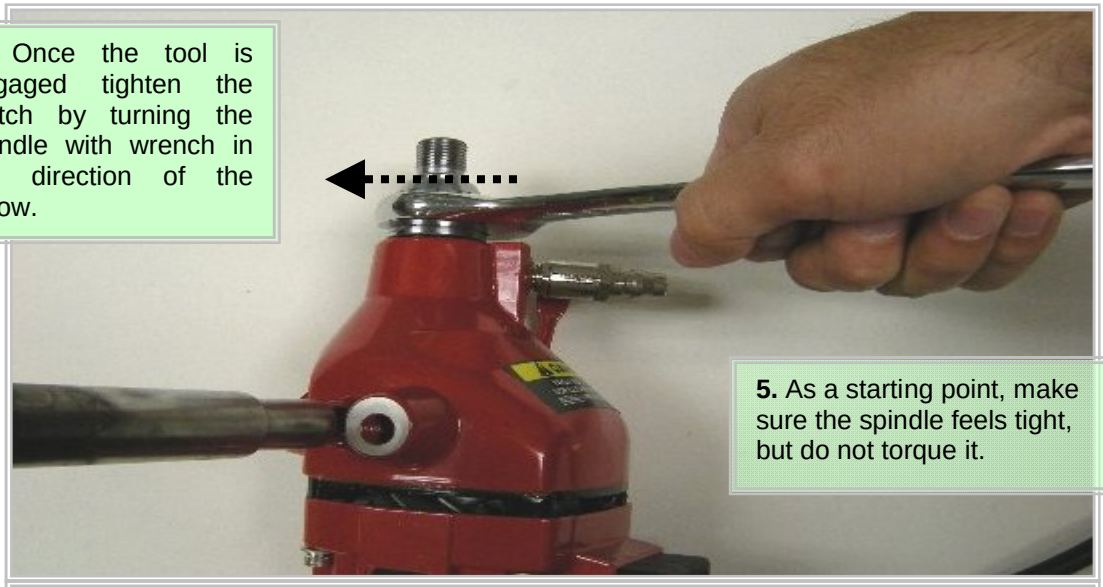
1. Remove grease fill plug with 3/16 Allen wrench.



2. Insert clutch screw driver **MQ # CD101580** into grease fill hole with flat head parallel with the spindle.

3. Slowly turn spindle with 27mm wrench while pushing down on screw driver so that driver tip drops down into clutch groove.

4. Once the tool is engaged tighten the clutch by turning the spindle with wrench in the direction of the arrow.

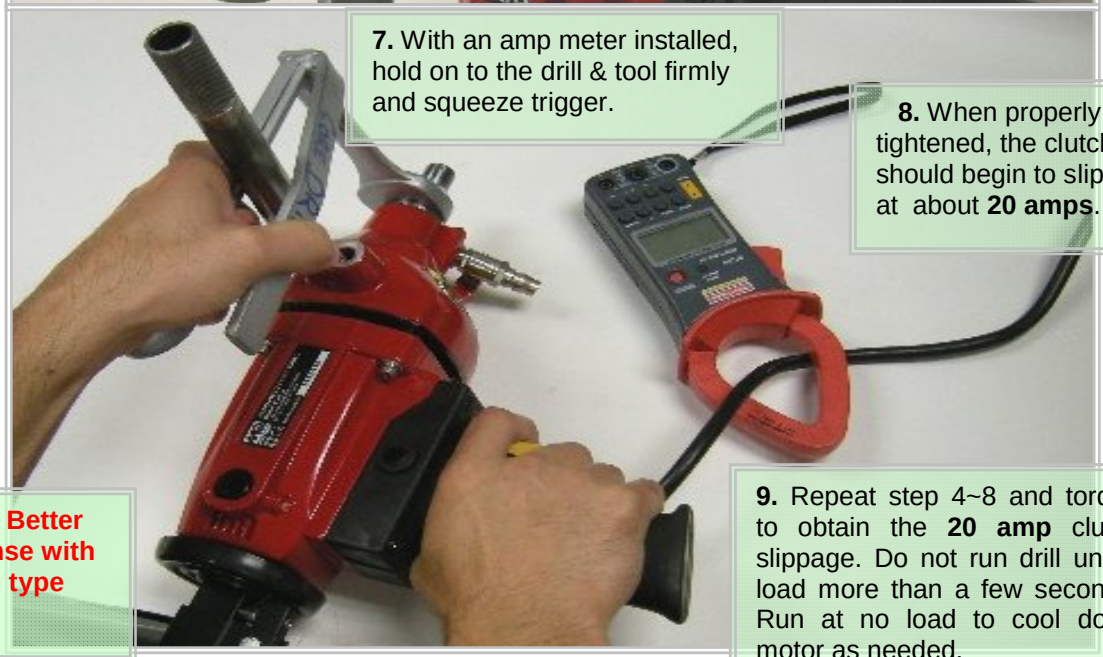


5. As a starting point, make sure the spindle feels tight, but do not torque it.

6. Install clutch spanner wrench **MQ # CD101579** to lock clutch.

7. With an amp meter installed, hold on to the drill & tool firmly and squeeze trigger.

8. When properly tightened, the clutch should begin to slip at about **20 amps**.



NOTE: Better response with analog type meter

9. Repeat step 4~8 and torque to obtain the **20 amp** clutch slippage. Do not run drill under load more than a few seconds. Run at no load to cool down motor as needed.

Special Tools

For availability you may contact the MQ parts department at (800) 427-1244

Clutch Screwdriver
MQ part # **CD101580**

This tool appears similar to a flat head screw driver and is used to lock the clutch in place.

Clutch Spanner Wrench
MQ part # **CD101579**

This tool is used to hold the spindle and clutch screw driver in place.