Skil X-Drive 18V Cordless Drill Model No. 2887 Adjustable Clutch Replacement

This guide shows how to replace the adjustable clutch.

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TOOLS:

- Phillips #2 Screwdriver (1)
- T40 Torx Key (1)
- T10 Torx Screwdriver (1)

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Step 1 — Un-clip Battery

- Grip the drill. Locate the red locking switch on the back of the battery. Hold the switch down.

Step 2 — Remove Battery

- While holding down the red locking switch, slide the battery towards the back of the drill until the battery is fully removed from the drill.

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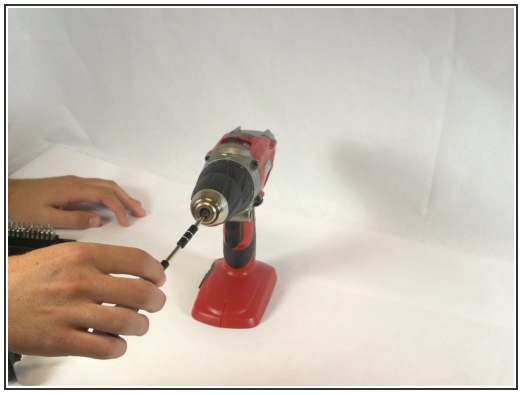
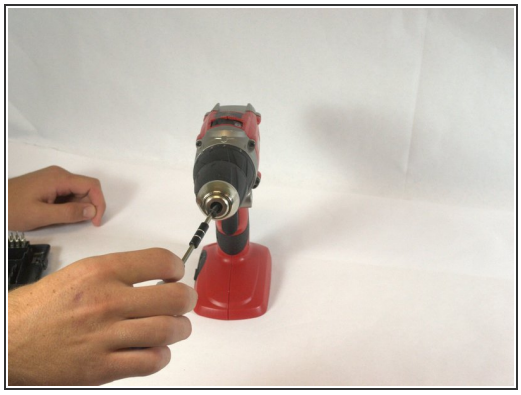
Step 3 — Remove Handle

- Grip cordless drill firmly with left hand. Grip the cordless drill handle firmly with the right hand. Rotate the handle counterclockwise in order to remove the handle from the drill.

Step 4 — Remove the screw from the chuck sleeve

- The chuck sleeve is held on by a 20mm Phillips #2 screw in the center.This screw is reverse threaded. Insert a Phillips #2 screwdriver and rotate it clockwise to loosen and remove it.

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Step 5 — Remove the chuck sleeve

- The threaded hole the screw was in is in the shape of a 6-point star. Insert a T40 Torx Key and rotate it clockwise to loosen and remove the chuck sleeve.

Step 6 — Remove the screws from the adjustable clutch

ⓘ Set the adjustable clutch to the "1" setting before beginning. This will make it easier to remove.

- The adjustable clutch is held on by 2 20mm T10 Torx screws. Insert a T10 Torx screwdriver and rotate it counterclockwise to loosen and remove each screw.

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Step 7 — Remove the adjustable clutch

- Firmly grip the outside of the adjustable clutch and pull it off.

ⓘ There is a metal washer behind the adjustable clutch that holds in 12 small ball bearings. Hold the drill so it is pointing up slightly so the washer and bearings do not fall out.

To reassemble your device, follow these instructions in reverse order.

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