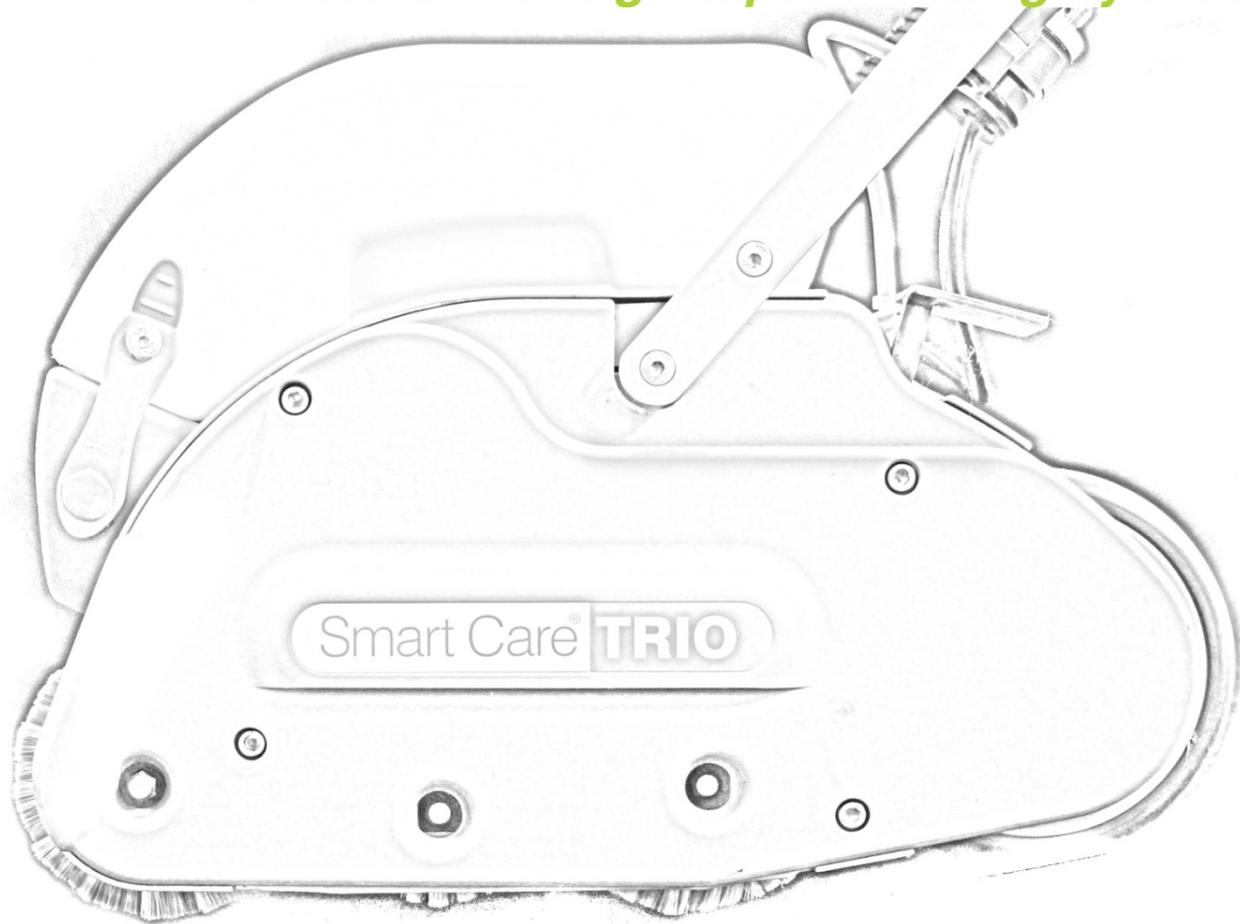




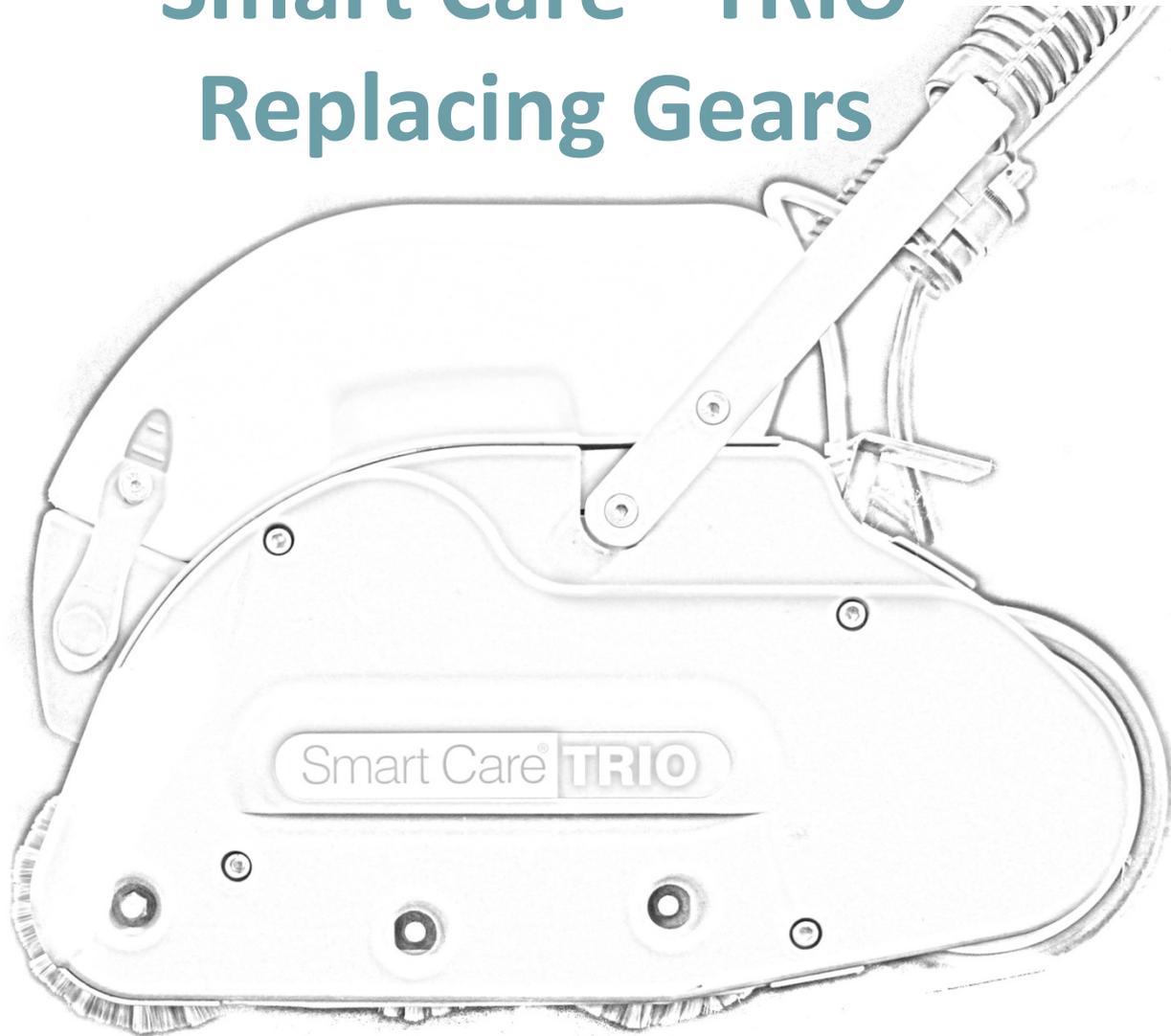
whittaker

America's Leading Carpet Cleaning System™



Smart Care® TRIO

Replacing Gears



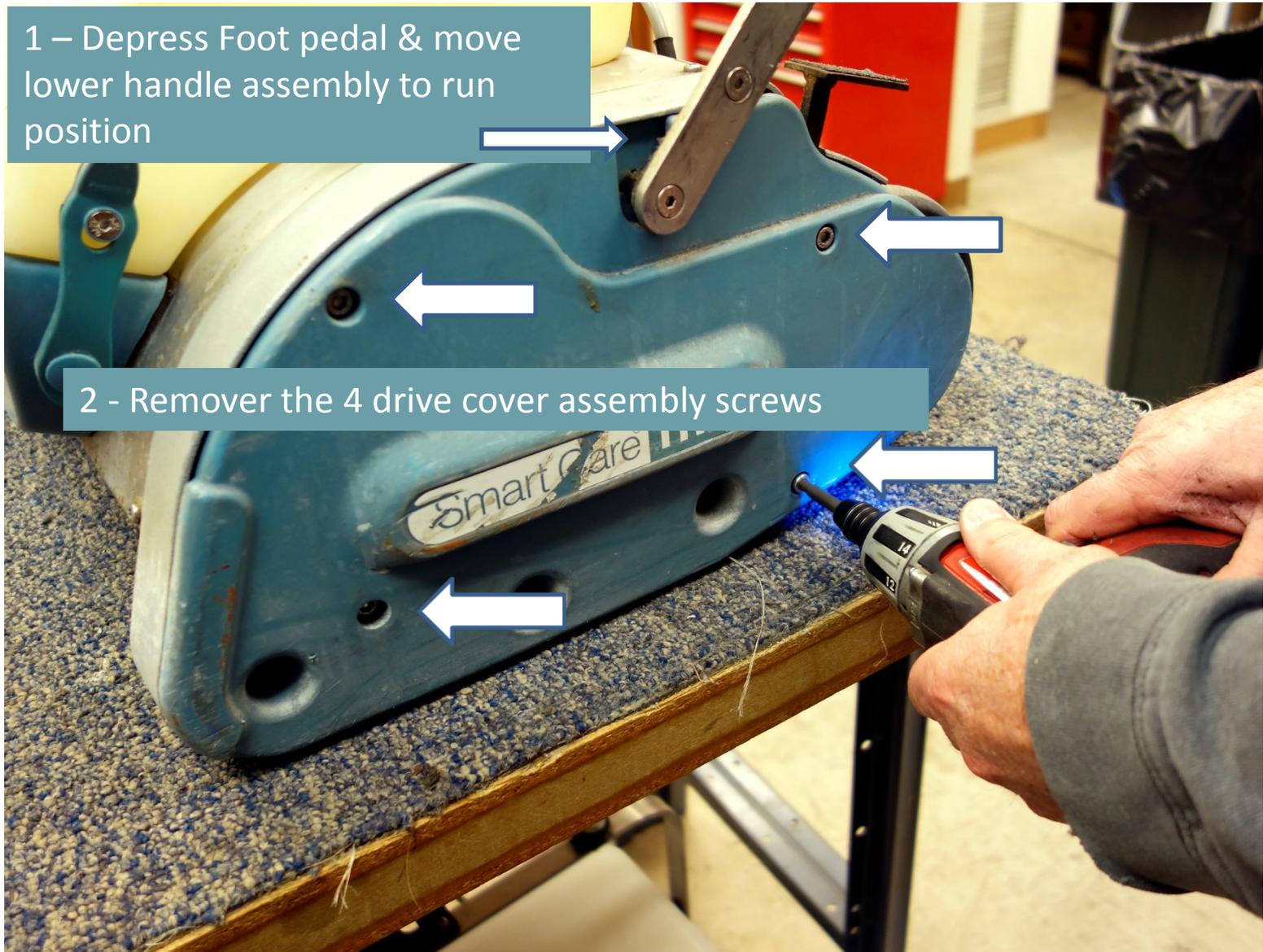
Place TRIO on work bench



Remove plug from plug holder

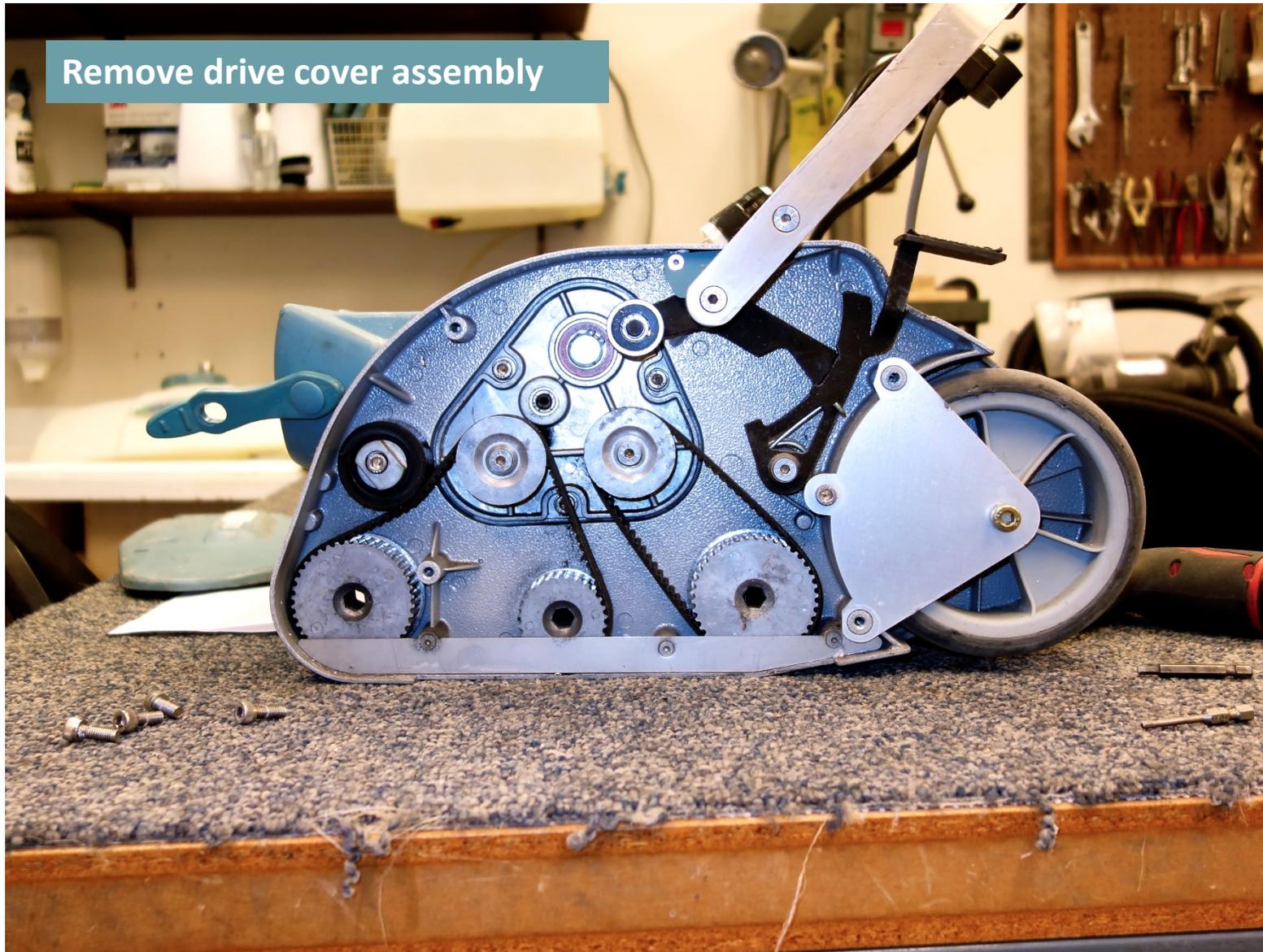


1 – Depress Foot pedal & move lower handle assembly to run position



2 - Remove the 4 drive cover assembly screws

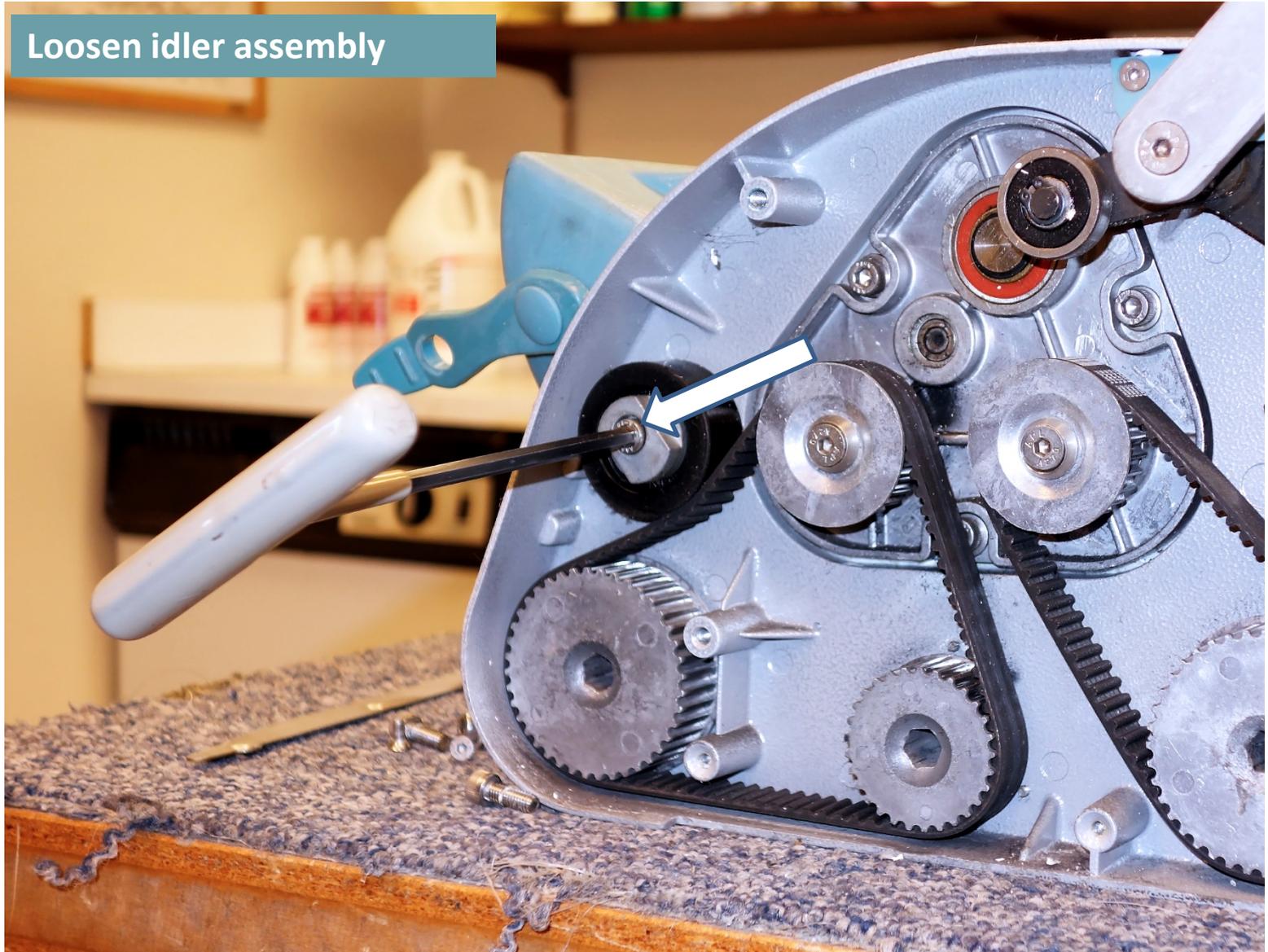
Remove drive cover assembly



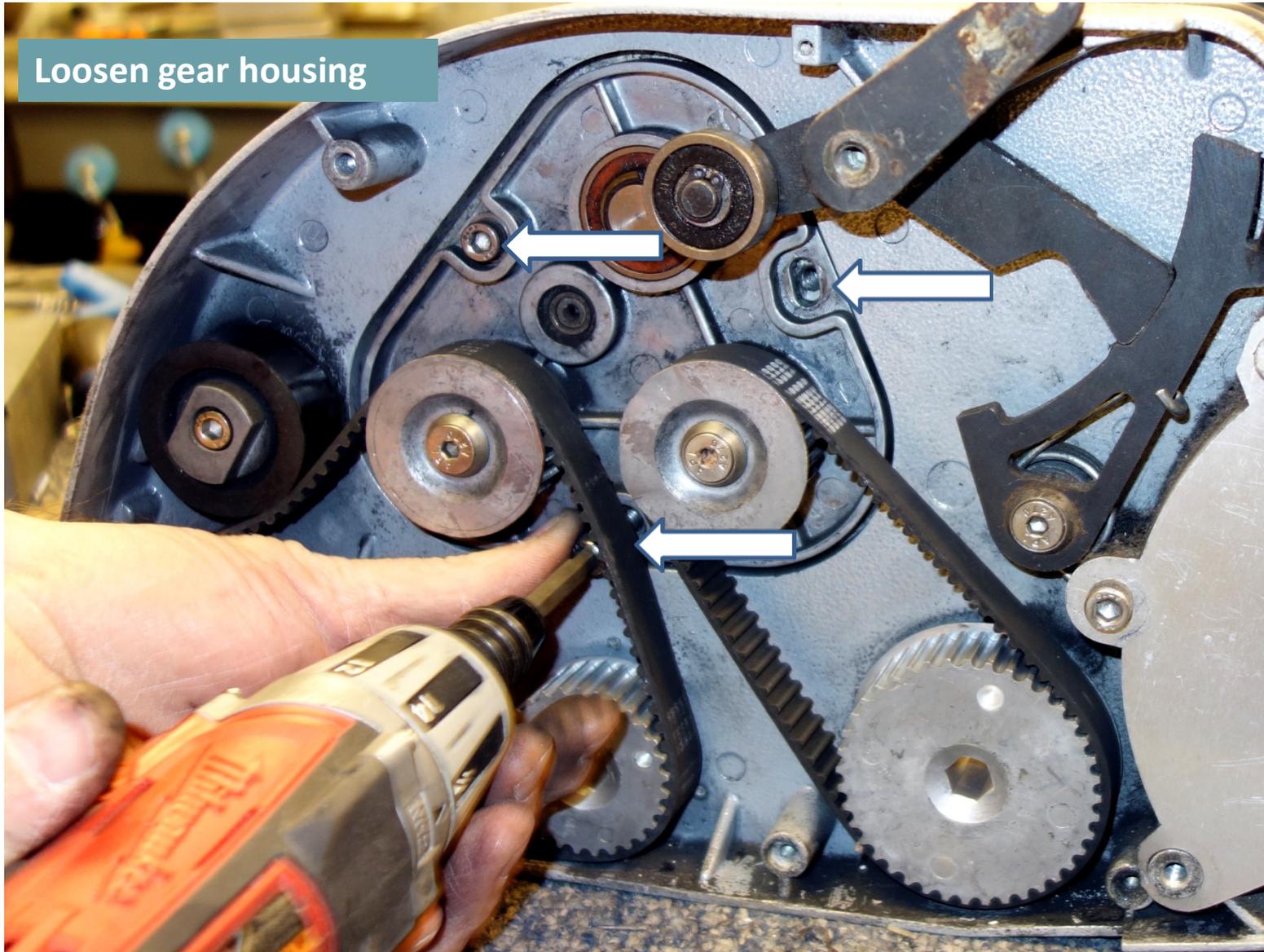
Remover belt shield



Loosen idler assembly



Loosen gear housing



Partially remove gear housing,
remove the belts



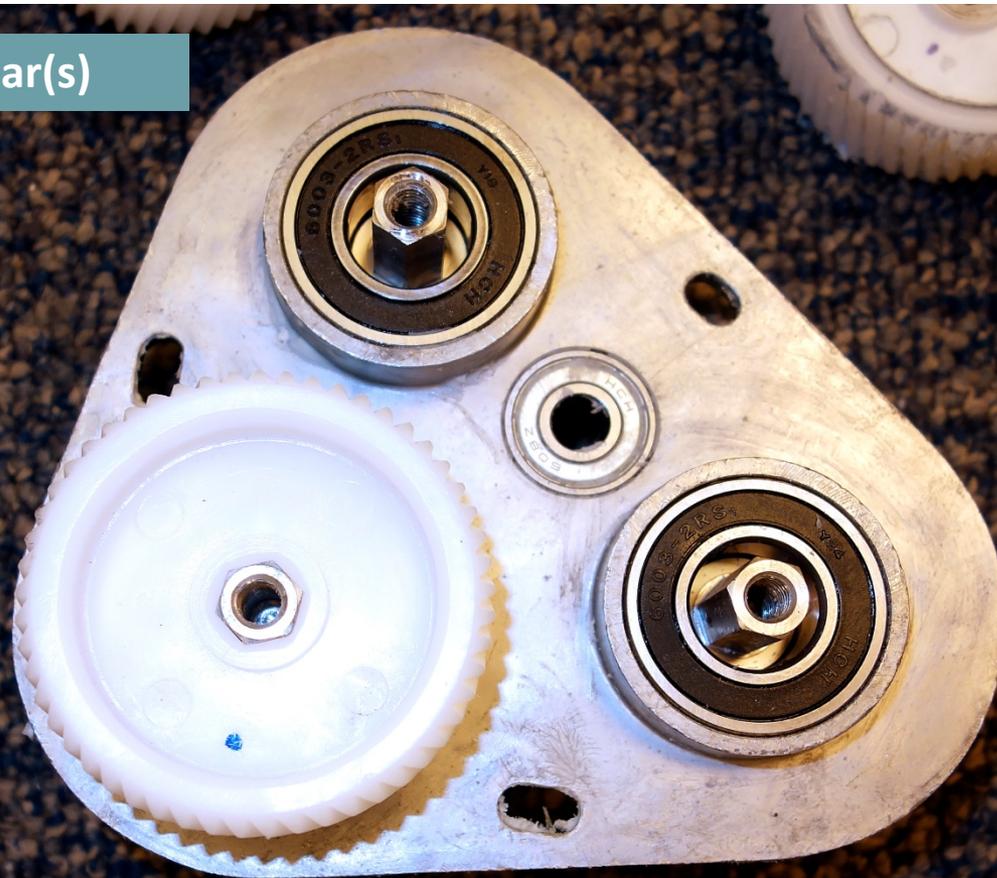
Remove gear housing from side housing assembly. Note stripped gears!



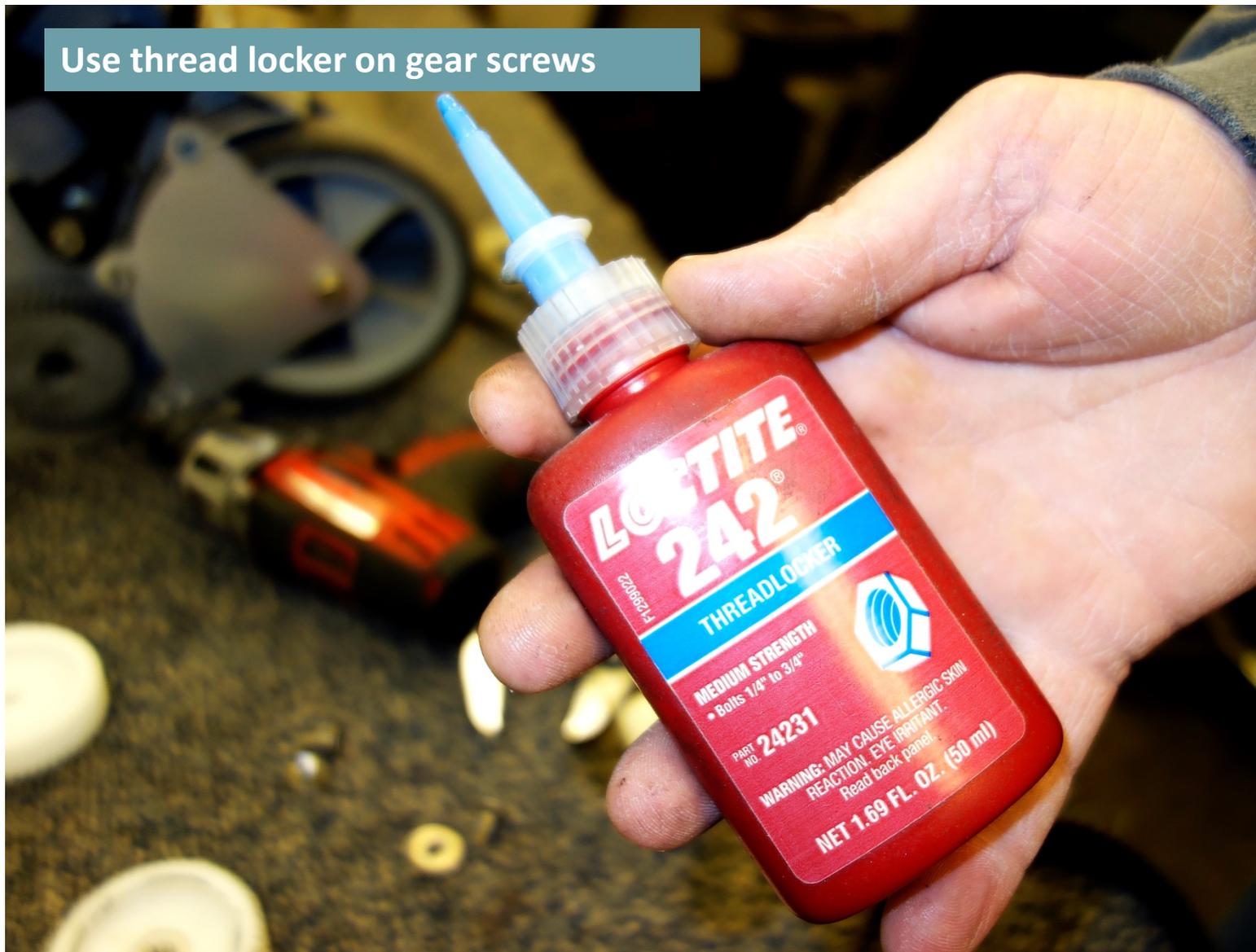
Remove damaged gear(s)



Install new gear(s)



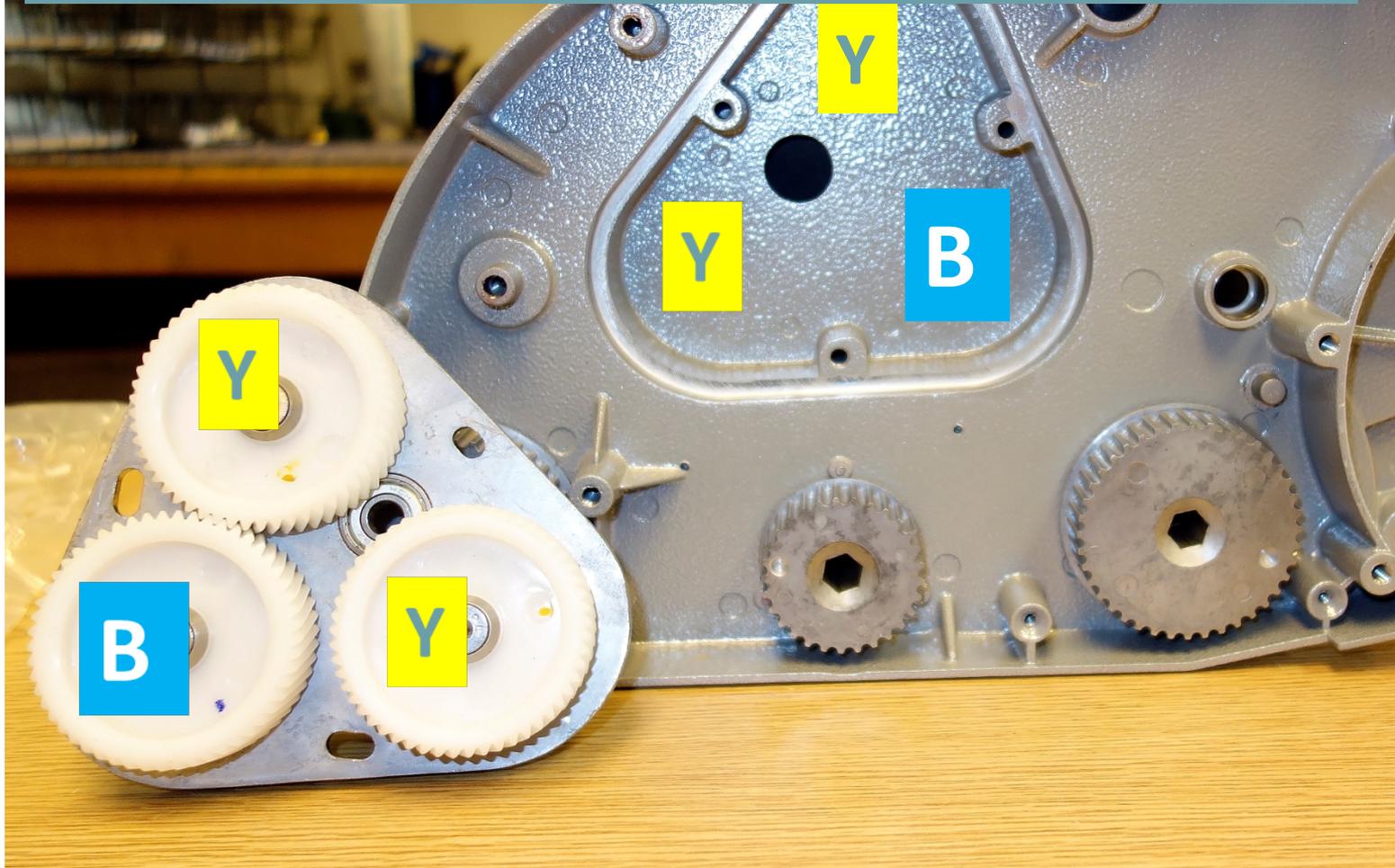
Use thread locker on gear screws



Screw the gears in place. Use a paper towel between the gears to facilitate tightening the screws



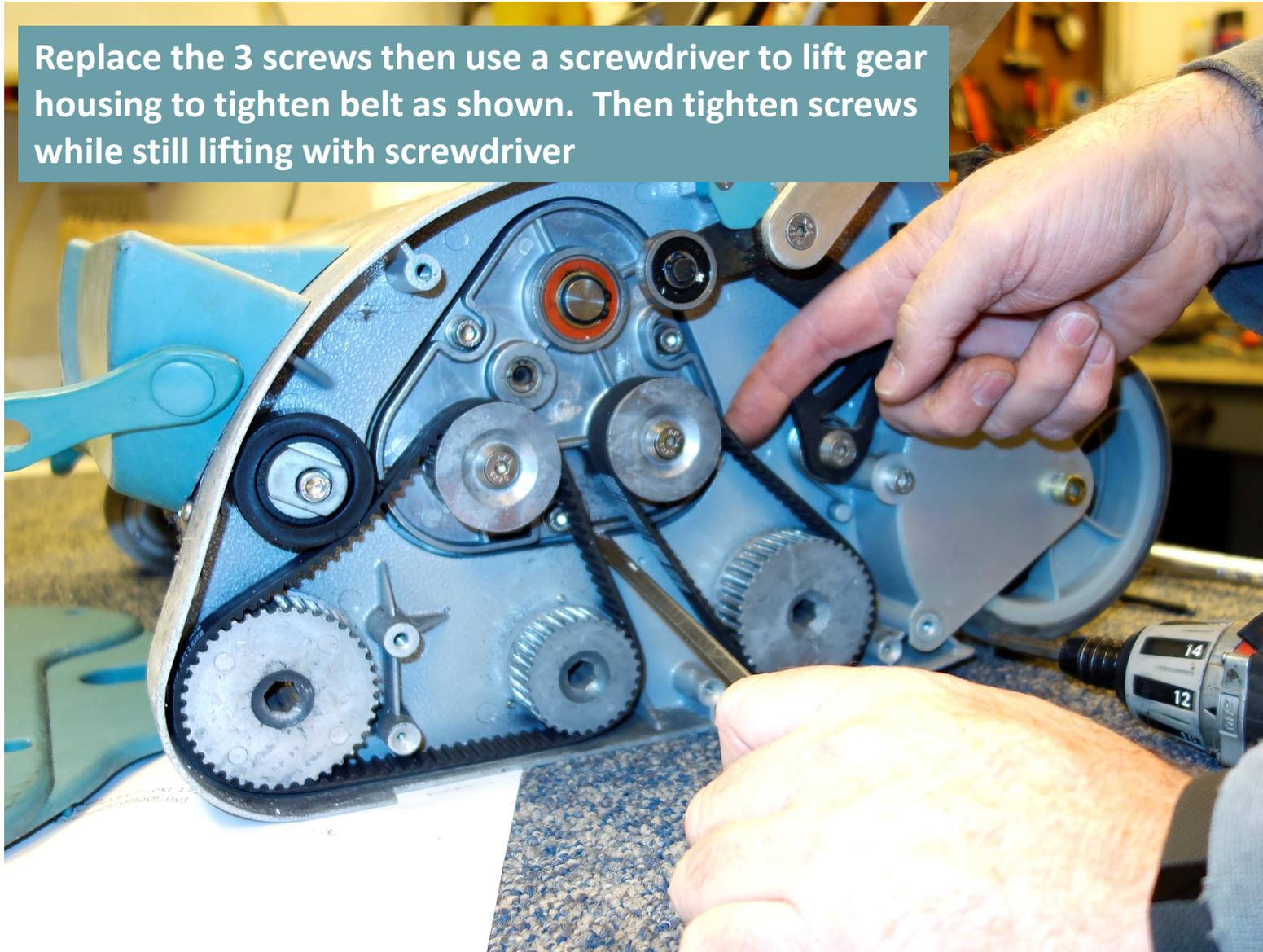
Please note there are 2 Yellow dot right hand gears and 1 Blue dot left hand gear. The orientation is shown below. The gear housing fits into drive housing only one way, as shown.



Replace gear housing and belts



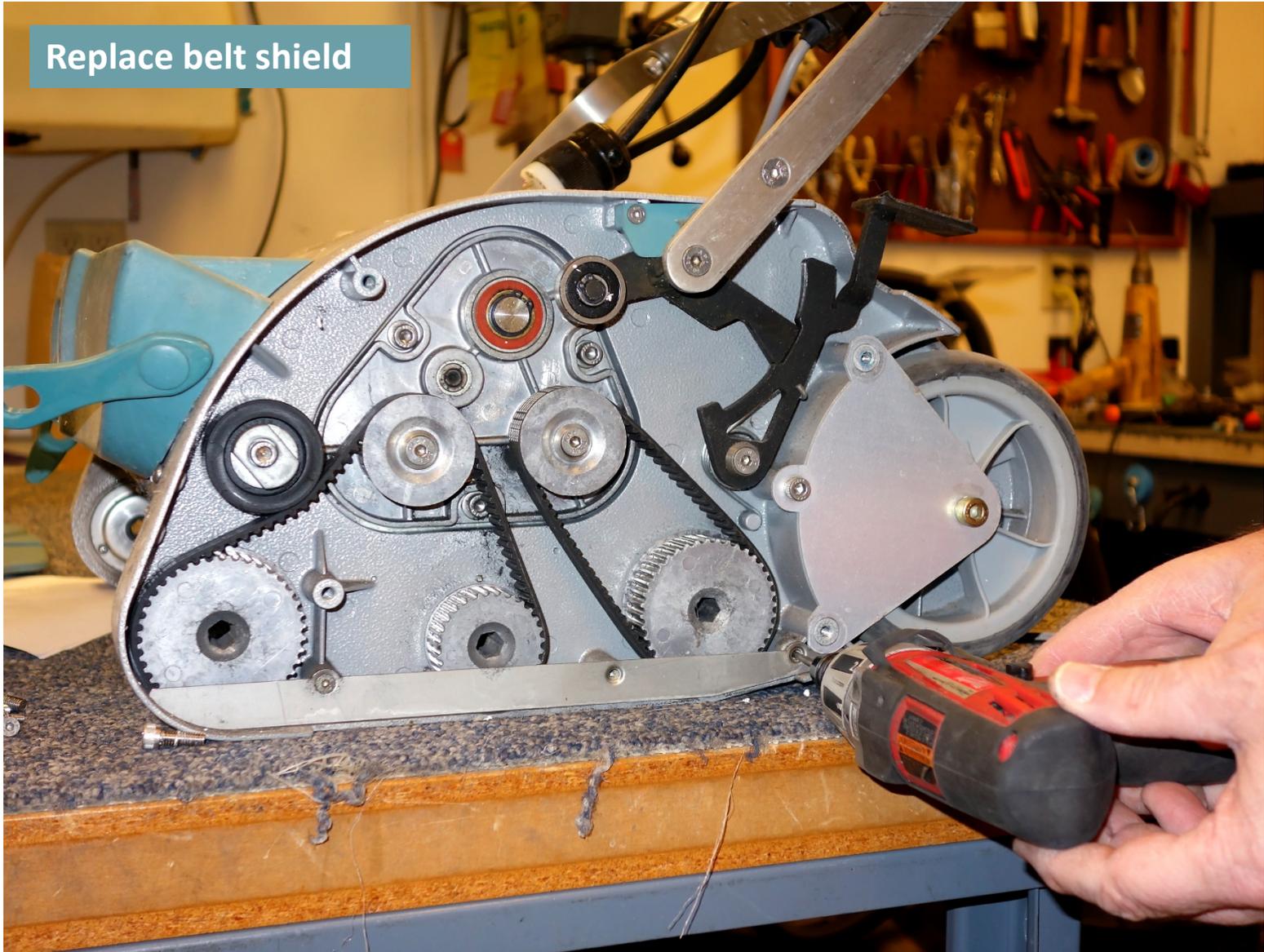
Replace the 3 screws then use a screwdriver to lift gear housing to tighten belt as shown. Then tighten screws while still lifting with screwdriver



Rotate idler assembly to tighten belt then
tighten idler assembly screw



Replace belt shield



Replace drive cover assembly and test machine



