



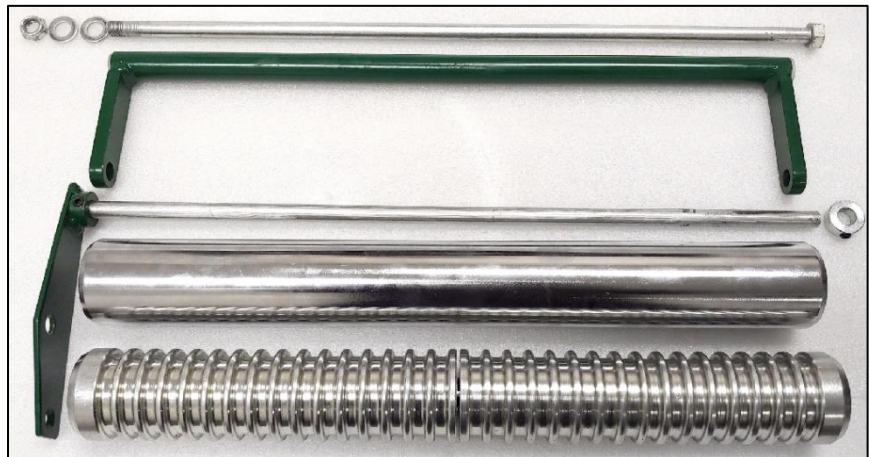
Grooved Front Roller Update Installation



The new update is supplied as replacement roller sections and insert spacers that can be installed on the same axle / frame assembly as the original smooth version. The most effective way to approach the conversion is to remove the front roller frame from the mower and it's best to place wood blocks or a 2x4 under the front of the mower frame to raise it up for easier access. Start by disconnecting the height adjustment arm from the bracket, then remove the long

mounting bolt from the frame so the entire assembly can come off.

The objective will be to remove (separate) the current smooth front roller section from the frame and axle shaft so the new sections can be installed into them. Here's a photo of the disassembled components.



Remove the collar on the right side (opposite of the height adjust bracket) by loosening the setscrews using a 5/16" or 4mm hex Allen wrench. Once the collar is removed, the shaft end may be blemished (from the setscrews) to the point it won't slide out easily, so it's best to use some sandpaper to smooth it.





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When the shaft end is smooth, proceed with removing the axle shaft and you can start by tapping the end, then continuing with tapping the height adjust bracket on the opposite side. It's a tight fit through the insert spacers so a punch might also be needed to help push it out.



Once the shaft is out completely, it's recommended to clean and smooth the entire length (using sandpaper or steel wool). Place the new grooved roller sections together into the frame and begin inserting the shaft... again keeping in mind that it's a fairly tight fit through the insert spacers and will take some finesse (slight movement and perhaps some light tapping) to get it all the way through.



Once the axle is inserted completely, install the collar on the end and tighten the setscrews, then reinstall the entire frame assembly back into the mower frame. Be sure to reinstall the spacer washers in between the bracket and frame.

