

Granite Apron Information

apron-carriage front.jpg: Here's a view of the carriage with the table top removed. To remove the table, remove the two 8mm bolts on the rear casting and run the table forward. There are two hassles are getting the screw back in. 1. Make sure the keyway is facing down when you slide the table off. That way the key in the gear on the table top won't fall out. 2. You may need to loosen the gib adjustment toward the forward edge when you slide the table back on.

To actually drop the apron to get inside it, you'll remove the four 8mm bolts you can see in the top surface of the carriage. The apron will hang on the leadscrew and you can slide the top out of the way to get inside the gearbox. Depending on the length of the alignment pins (located between the bolts) you may want to remove the leadscrew.

The leadscrew is easy off and on. Two 8mm bolts on the shoulder on the right and one tapered pin on the left. If you lock the halfnut, it keeps the leadscrew from sliding around.

apron-carriage side.jpg: Another shot of the table top. The four bolts are clearly visible on the carriage top with the alignment pin between them.

apron-top.jpg: Looking down into the guts. Note the boss the uppermost gear s mounted on is broken. It's in place but normally that casting is flat all the way across. With the carriage top slid out of the way you'll be able to see down inside.

apron-back.jpg: Here's what the gearbox looks like from the reverse. The uppermost gear is the one that drives the gear that surrounds the crossfeed screw. (This is actually a "crashed" gear box and the shoulder holding the uppermost gear has been broken).