





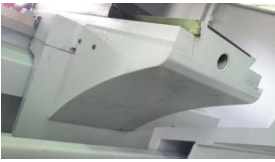
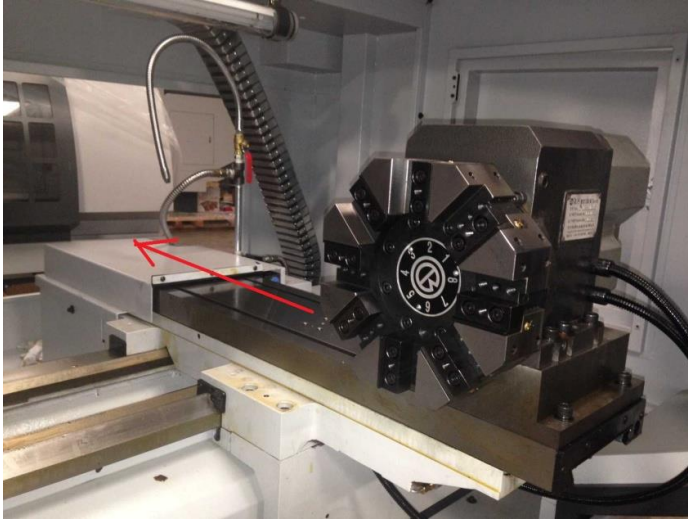


Tool picture	Tool	Quantity
	8&10 wrench	1
	8&10 wrench (circle)	1
	5 mm L wrench	1
	*Fitter	1 set
	*5mm screw for removing taper pin	1
	*Metal lube line 34"	1
	*Newly designed chip plate	1

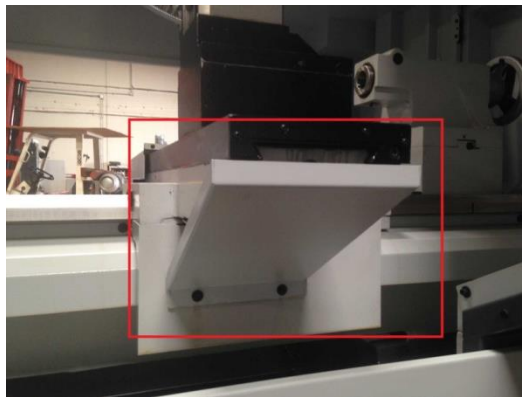
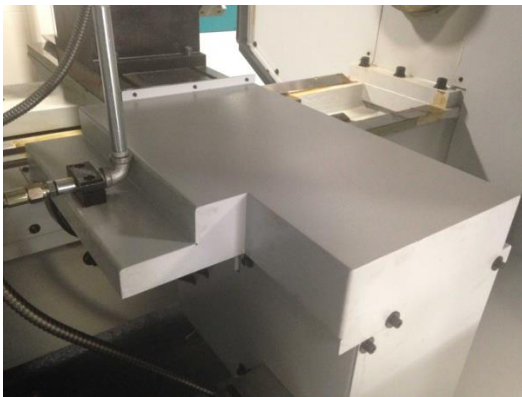
*Parts we provide.

Replace metal lube line - estimated time 20-30 min

1. Please power on your machine and move X axis to the very minus end and Z axis to the middle. Z is adjustable but please make sure X axis saddle won't hit the door when doing metal lube line change.



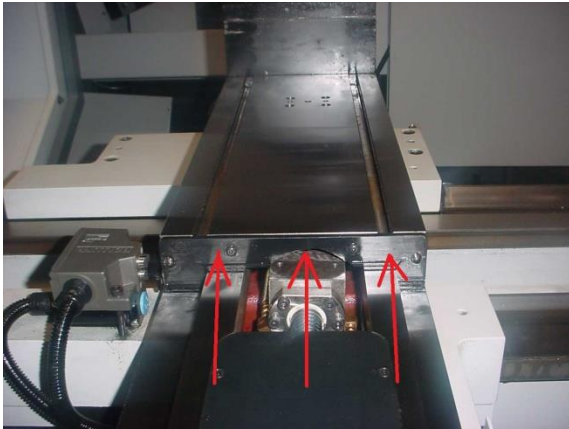
2. Remove cover with **5mm L wrench** and chip plate with **5mm L wrench**. **This old chip plate interferes the metal lube line and we won't use it anymore.**



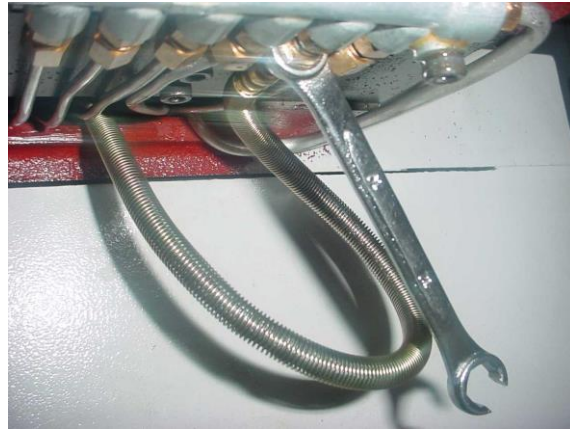
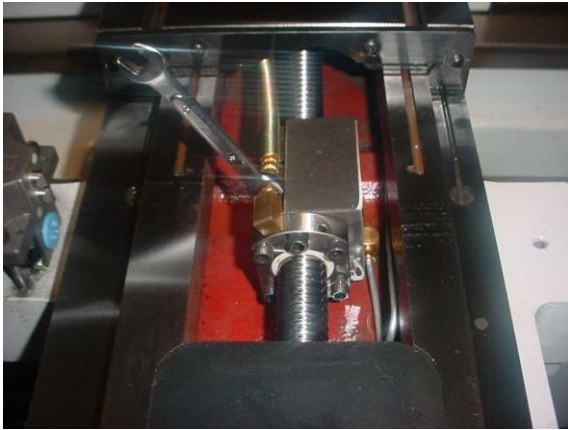
3. Release 4 screw with **5mm L wrench** and two taper pin with **5mm screw** on the saddle.



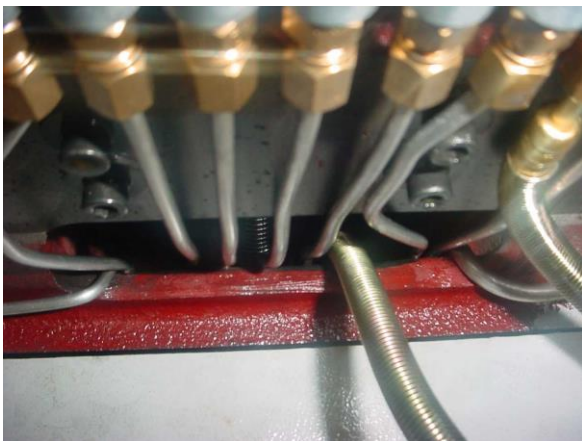
4. Now push the saddle to the door direction and you will see the ballscrew and nut.



5. Remove the old lube line on the ballscrew side with **8 wrench**. On the door side with **10 wrench circle**. Install the new **metal lube line 34"** with **fitter**.



6. The metal oil line goes from the space of Aluminium oil tube and casting to the distributor.



7. Install the **newly designed chip plate**. The new design is longer enough so that the metal lube line can remain flexible when X is traveling.

