

# SHARP SV SVL 2414 2416

## Fanuc or Siemens machines installation procedure

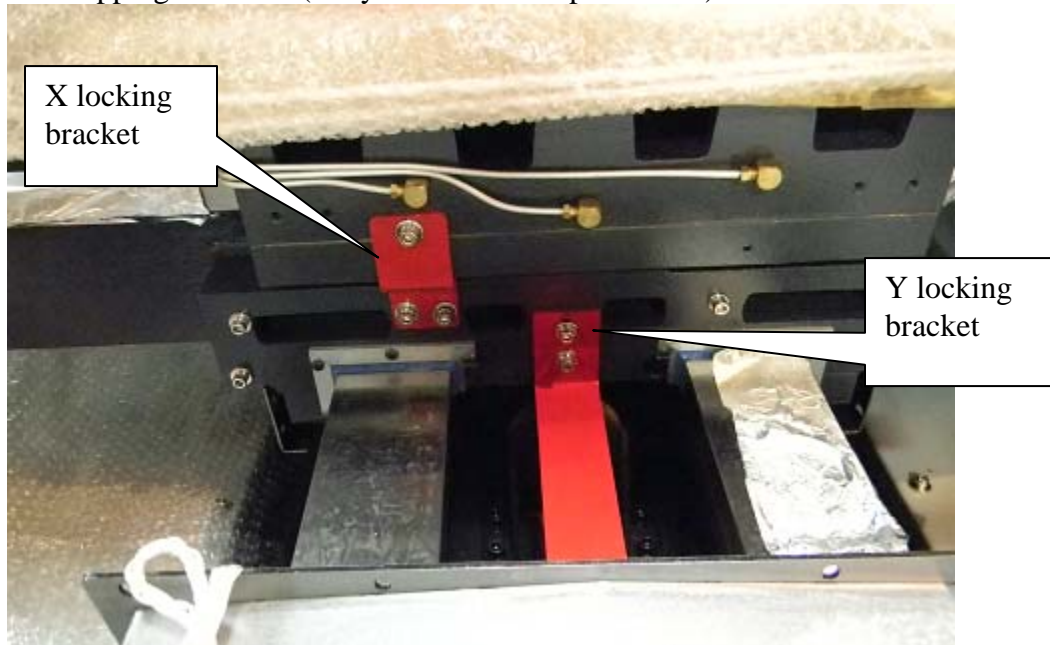
This document is for Sharp SV and SVL 2414 and 2416 Fanuc and Siemens Control machines.

Connect power (220V 3 Phase) to the main power switch.



Siemens control servo requires 380V, Machine equipped transformer to apply 380V to the servo.

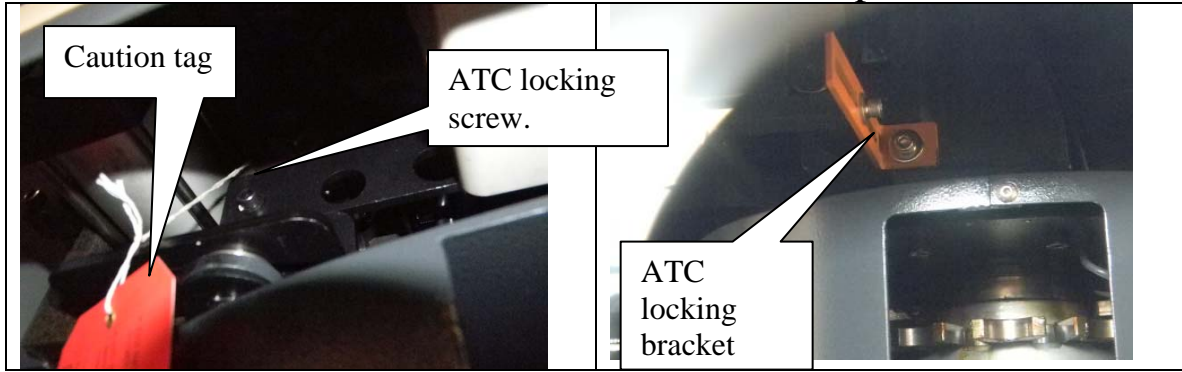
Remove all shipping brackets. (They are used to be paint **RED**)



Remove ATC locking screw or bracket. They are usually a red tag there.

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Connect air to the air regulator. Machine requires 85-90 PIS.

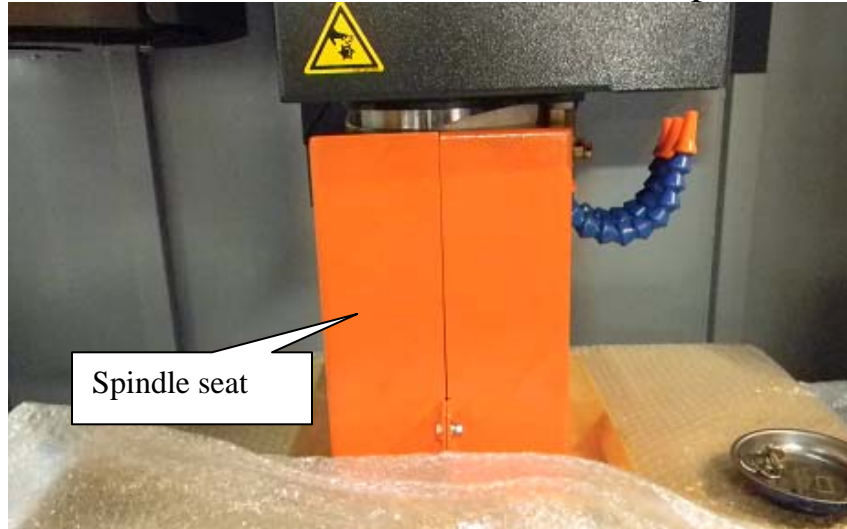


Using MPG move the Z axis up.(Positive direction) Then remove spindle seat.  
For Siemens control machine, after power ON, you need to release E stop switch, Press RESET, Press FEED START to enable manual movement.



More detail information, Please read Siemens manual first.

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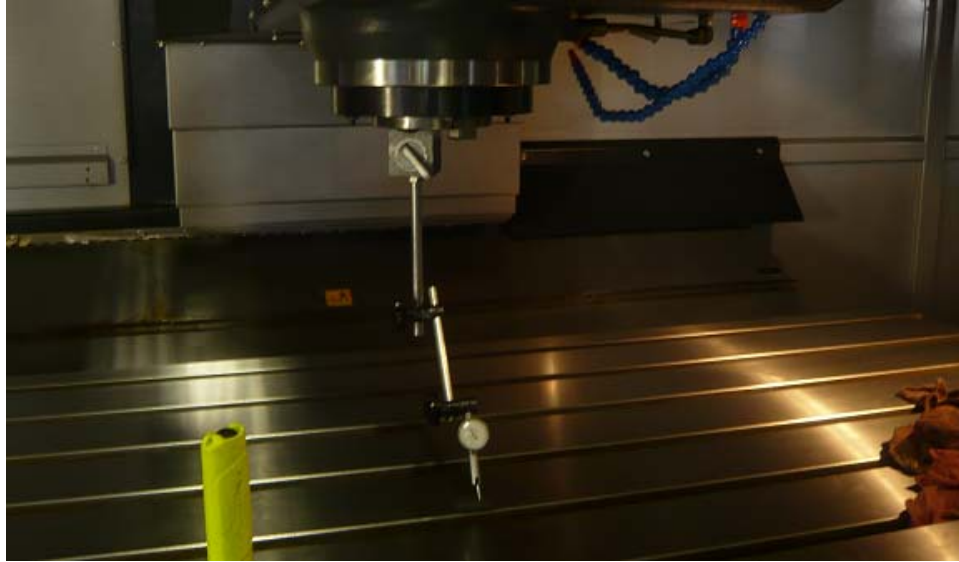


Install X and Y axis sliding way cover.  
Level the machine within 0.0005" for both axes direction.



Put an indicator to tram the Z axis, The whole circle within 0.0005"

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If not, readjust level bolts to correct it.

Install coolant tank, SV2414 tank in front of the machine, SV 2416 coolant tank in the back of the machine.

Connect coolant pump and wash pump, they are labeled or colored.

Install bottom skirt. Please read factory operator's manual before you work on the machine. If you have any questions please do not hesitate to contact Sharp Service Dept. at 310-323-3181. Thanks.