

**KNOWLEDGE BASE**

Article Type: Instructions

Installing Pinch Point Safety Guards on the 24CSA Splitter

Description:

Instructions on “How to” install pinch point safety guards on the 24CSA Splitter. Kit # 382.1217.1

WARNING

Never work on, clean or service this unit, control panel or any machine or open or remove any protective cover, guard, grate, door, or maintenance panel until the power or energy sources has been turned off, locked out / tagged out, and all moving parts have come to a complete stop and or blocked to prevent movement. Machinery is dangerous – avoid personal injury and or death by following manufacture, Local, and OHSA safety procedures. Contact Columbia Machine for safety decals, guards, horns and beacons.

24 CSA Splitter Guard Set



Parts List: #382.1217.1

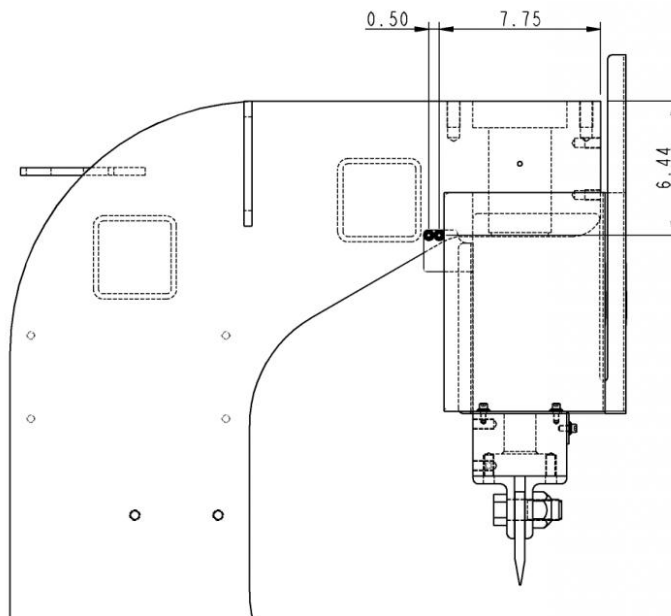
Seq#	Item Number	Name	Qty
1	310.39.212	PINCH POINT GUARD, RH	1
2	310.39.208	PINCH POINT GUARD, LH	1
3	310.39.214	REAR GUARD, RH	1
4	310.39.215	REAR GUARD, LH	1
5	100220.04.00	WASHER, PLAIN STEEL TYPE A,SAE	6
6	100226.04	WASHER, LOCK HELICAL SPRING	10
7	100008.04.10	CPSCR, SOCKET HD-20 UNC	10
8	8708.3663	GUARD DECAL	2
9	382.1217.2	CONV KIT PACKET (382.1217.1)	1

Installing pinch point guards on the 24CSA

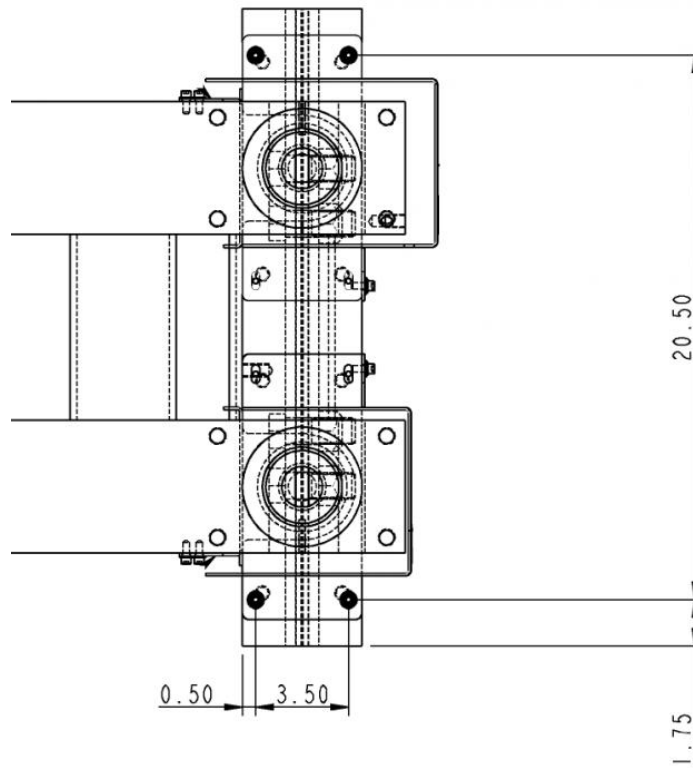
1. Before removing power from the splitter, cycle the splitter beam to its lowest position.
2. One person will need to keep the beam at its lowest position by holding the levers while a second person turns off the pump unit.
3. Now remove electrical power, and follow all local lockout/tag out procedures.
4. Remove and discard existing guards if there are any. The splitter should resemble the following photo.

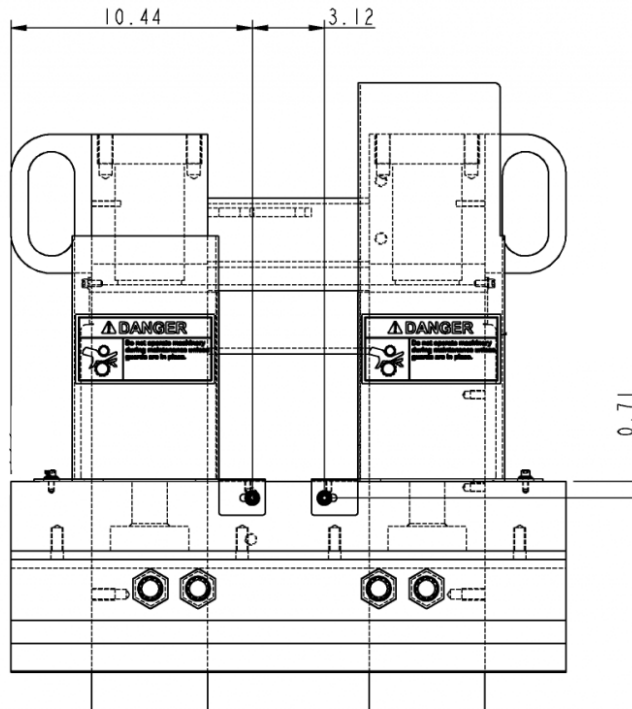


5. Drill and tap (qty-2) $\frac{1}{4}$ "-20 unc holes as shown on both sides of splitter frame.



6. If there are (qty-8) $\frac{1}{4}$ "-20 unc holes on the top of the upper beam, you may skip to step 8.
7. If there are no pre-drilled holes on the top of the upper beam, drill and tap (qty-4) $\frac{1}{4}$ "-20 holes on the top of the beam, and (qty-2) $\frac{1}{4}$ "-20 unc holes on the front of the beam as shown. This should not require disassembly of any splitter components.

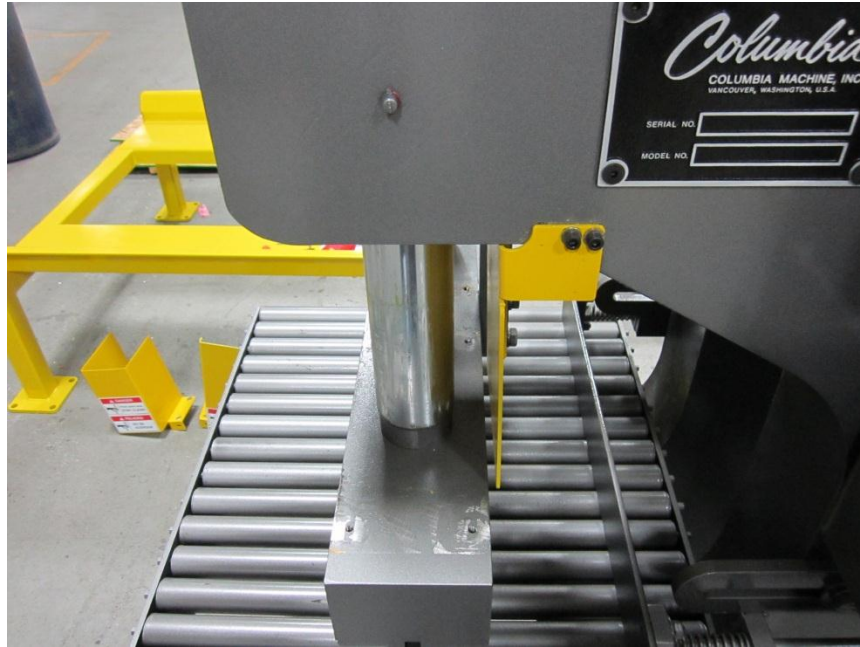




8. Install the rear guards #310.39.214 (RH), and #310.39.215 (LH)



making sure that there is some clearance for the upper beam to pass in front of them.



9. Install guard part #310.39.212 (RH)



Make sure that the vertical slot aligns with the steel angle that is part of the operational mechanism.



10. Install guard part #310.39.208 (LH)



Make sure the guards clear the grease fitting caps / zerk covers.



11. Secure both guards with $\frac{1}{4}$ "-20 fasteners. Note that you will not use all mounting slots on either of the front guards.
12. Final assembly should resemble the following.



13. Remove any lockout/tag out devices and restore electrical power.
14. Before starting the pump unit, be aware that depending on the cam settings the splitter beam may stroke upwards as soon as hydraulic pressure is restored.