

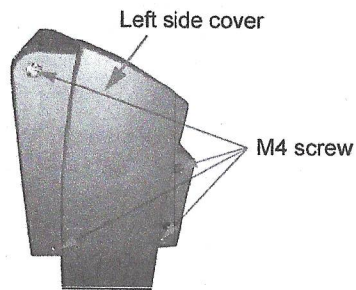
Installation procedure for the additional push roller OPH-A22

Outline

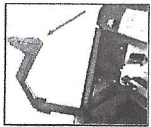
1. Disassembling the outer casing and the left push roller (rear view): from step (1) to (9)
2. Adding the additional push roller: from step (10)
3. Reassembling the outer casing and the left push roller (rear view): from step (11) to (15)
4. Setting for the additional push roller

How to install the additional push roller

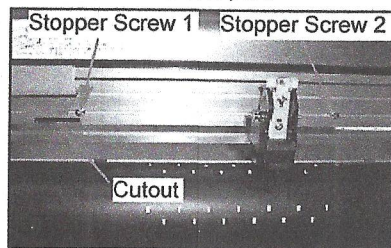
- (1) Remove the four M4 screws holding the left side cover, and then detach the left side cover.



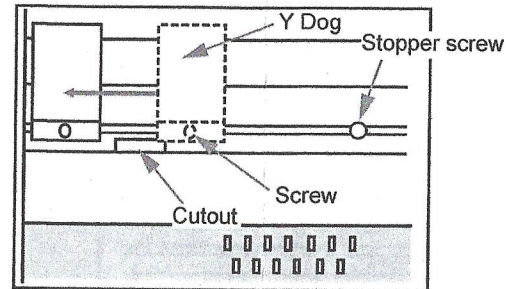
- (2) Lower the cam lever.



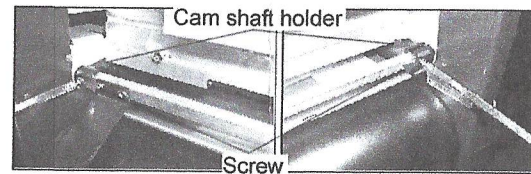
- (3) In case of the FC8000-130 and 160, mark the position of stopper screws. Use the mark to tighten the stopper screws at correct position when reassembling. Loosen the screw of stoppers, then slide the left stopper to outer side of cutout part.



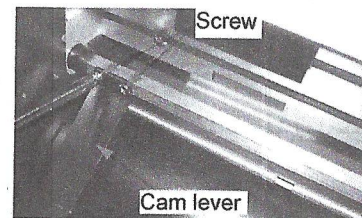
In case of the FC8000-60, 75 and 100, mark the position of Y dog and the stopper screw. Use the mark to back to the correct position when reassembling. Then loosen the screw holding the Y dog and the stopper screw, then slide the Y dog to outer side of cutout part.



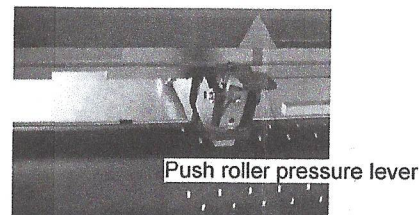
- (4) Remove the two screws holding the left and right cam shaft holders.



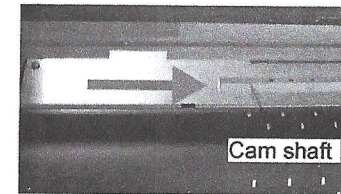
- (5) Remove the two screws holding the cam lever, and then detach the cam lever.



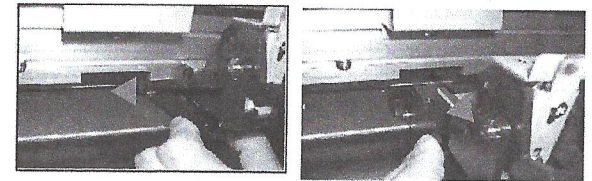
- (6) Set all the push roller pressure lever to the weak position.



- (7) Mark the mounted order on the push rollers so that reassembled with correct mounting order.
- (8) Slide the cam shaft to the right. At this time, the cam shaft turns with the push roller spring.



- (9) Slide the left side push roller (rear view) to the cutout part, and then detach the left push roller from the Y bar.



In case of the FC8000-100, 130 and 160, also slide the second of left side push roller (rear view) to the cutout part, and then detach it from the Y bar.

- (10) Set the additional push roller pressure lever to the weak position. Then slide the stopper screw to outer side of cutout part. Then insert the additional push roller to the Y bar at the cutout part.

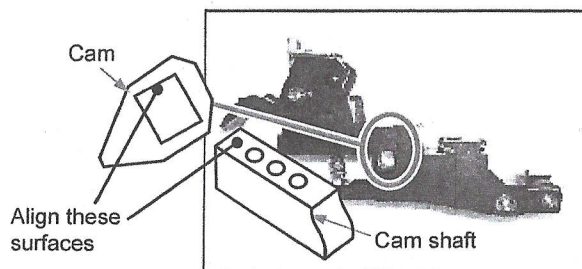


In case of the FC8000-100, 130 and 160, also insert the second of left side push roller (rear view) from the cutout part. Then return the stopper screw 2 to the position marked, and then tighten it.

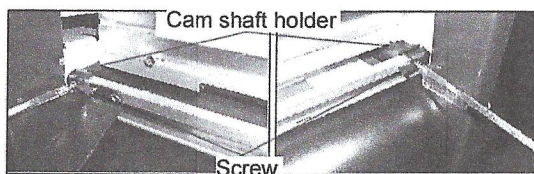
- (11) Set the left side push roller (rear view) pressure lever to the weak position. Then insert the left side push roller to the Y bar at the cutout part.
- (12) Put the cam shaft through the push rollers. And align the surface of cam and cam shaft when put the cam shaft as shown in the picture below.



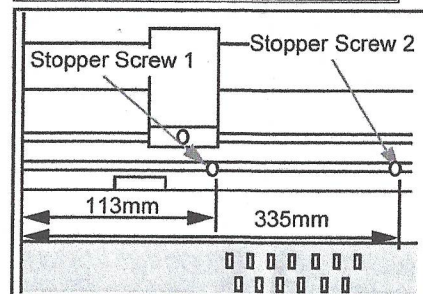
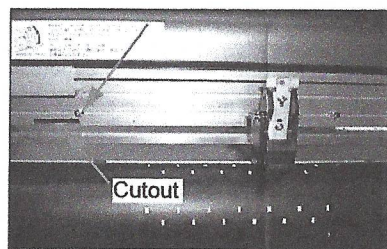
Direction of the cam and cam shaft



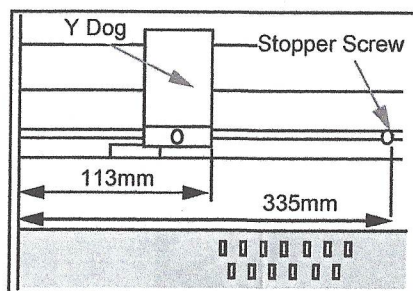
- (13) Put the cam shaft through the cam shaft holder, and then tighten the cam shaft with the screws.



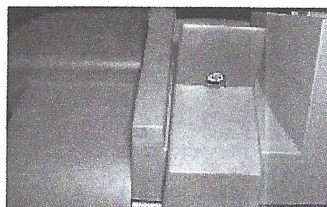
- (14) In case of the FC8000-130 and 160, return the stopper screw 1 to the position marked, and then tighten it.



In case of the FC8000-60, 75 and 100, return the Y dog to the position marked, and then tighten it by the screw.



- (15) Reattach the cam lever and the left side cover in the reverse order in which they were detached. Confirm that the cam lever is not touched to the operation panel after it was installed.

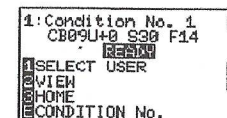


The setting for the additional push roller

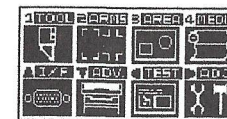
Set the additional push roller setting after the additional push roller is installed.

How to set the additional push roller setting

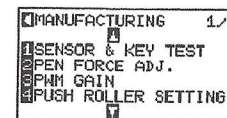
- (1) Turn on the power while pressing the FAST key and ENTER key concurrently.



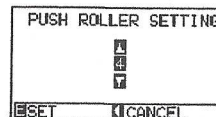
- (2) Press the MENU key to display the following menu.



- (3) Press the right arrow key that corresponded to the ADJ. to display the following menu.



- (4) Press the "4" key to display the following menu.



Set the value that corresponds to the number of push rollers by pressing the upper or lower arrow keys. Press the ENTER key to register the setting.

The factory default setting for the number of push rollers is shown in the following table.

FC8000-60	2
FC8000-75	2
FC8000-100	3
FC8000-130	3
FC8000-160	4