

Replacing/Adjusting Y-Bearing

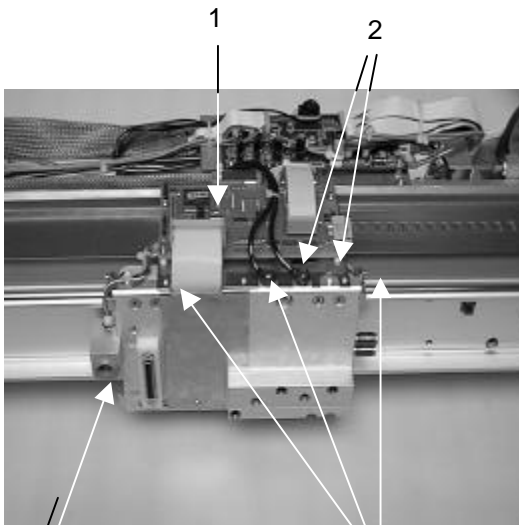


Fig. 1

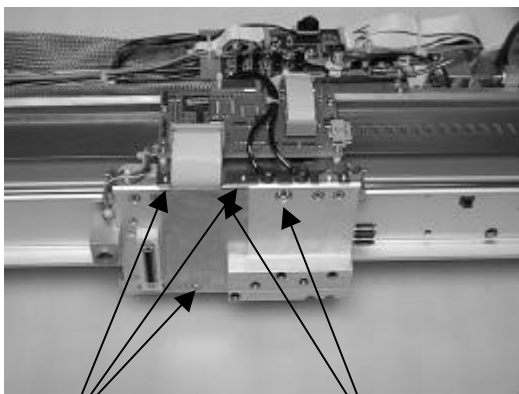


Fig. 2

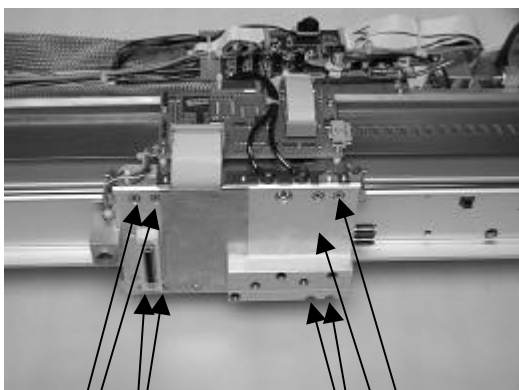


Fig. 3

Tools required:
7 mm open-end wrench
4 mm Allen key
3 mm Allen key
2 mm Allen key
Screw driver (4)

Dismounting

1. Remove beam cover.
2. Pull out connection cable between Y-Board and head carriage (Fig. 1 / 1). Remove air connections, if used (Fig. 1 / 2).
3. Remove support plate of Y-Board (3 screws; Fig. 1 / 3). If an EOT should be installed the cable c/w socket must be loosened in order to remove the Y-Board (Fig. 1 / 4).
4. Remove screws (Fig. 2/1), withdraw cable cover and loosen the 2 screws of the band support (Fig. 2/2).
5. Remove both lower side scrapers of Y-bearing.
6. Loosen bearing screws of both lower bearings (Fig. 3/1).
As soon as the 2 lower bearings are removed the Y-carriage can be lifted.

Inserting the bearings

7. During screwing on (Fig. 3/2) the upper bearings must be firmly pressed against the mill-out on the rear side of the Y-carriage in order to guarantee that the bearings are installed parallel to the guide bar.
8. Install carriage plate to guide rail again.
9. During screwing on the lower bearings must be firmly pressed against the guide rails/upper bearings. As a result a backlash-free running of bearings on guide rail is guaranteed. Always tighten the right screw first in order to avoid tilting of bearing.
10. Lubricate guide rails with the slideway oil supplied.