512-00115A-B

Procedure for removing and reinstalling the MALT front beam (drum side beam).

Tools:

Allen keys
Side cutters

Procedure:

1. Open machine to be able to work on the load table: front skins, UT panels, LT rails, rear hood front hood.
2. rotate backbone to lowest position.
3. move LT loader bar (traveler) to operator side.
4. power down
5. remove laser safety panels: removable ones only.
6. unfasten the LT motor bracket from MAB. (2 screws)
7. disconnect the sensor cable to the front beam.
8. unfasten the left side carriage guide from front beam (3 screws)
9. unfasten the energy chain trough from front beam (5 screws)
10. unfasten the drive shaft bearings from front beam (10 screws) prevent the screws from falling into the head area.
11. unfasten the laser safety shield brackets from front beam (~10 screws), prevent the brackets from falling into the head area.
12. unfasten the front beam (4 screws). Support the beam during this process to prevent it from damaging the drum surface.
13. remove the front beam.
14. install the new front beam is the opposite of removal.
15. Table rails adjustment on the new design of front beam assembly:
    i. See attached procedure 709-00233A
16. The top surface of the beam can be adjusted also to be more flat by removing the screws that fasten it down adding shims and re fastening.