Drum Service Lift Jig

Product

ThermoFlex Wide II

Machines affected For use on devices that do not have a drum hoist.

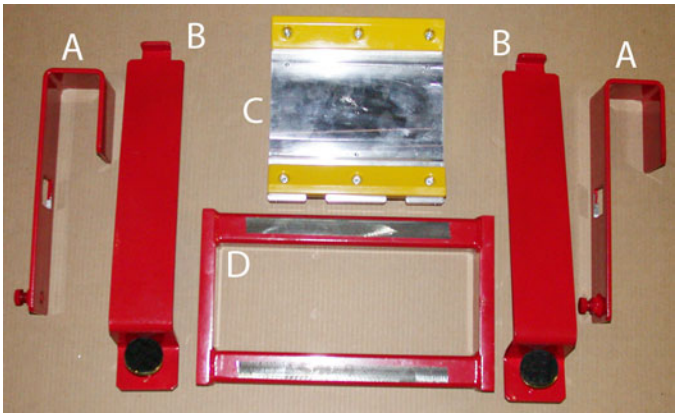
Background

Use the drum service lift jig to support the drum when servicing the headstock or tailstock of the device engine.

Tools required

- Drum service lift jig kit (690-00459B)
  - includes torque wrench (690-00515A)

Drum service lift jig components:



A – Jig hooks

B – Cross braces

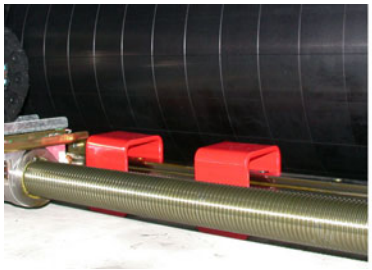
C – Cradle

D – Cradle base

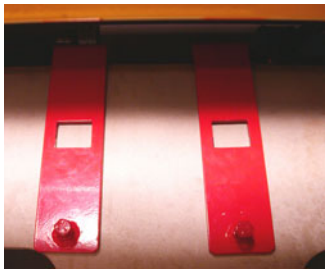
Torque wrench not shown in photo

Procedure

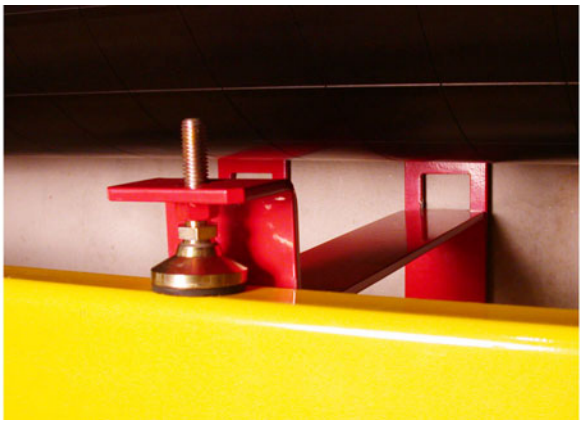
1. Move the thermal head to the park position. Alternatively, the head can be moved to the home side of the device as far as the tracks will allow.
2. Open the front hood and remove the front lower panel and the rear center panel.
3. Install the shipping bracket on the front of the device with the four bolts on each side of the bracket.
4. Turn the brake override switch to the Drum Override position.
5. Using the supplied torque wrench, loosen the six cam locks on the headstock.
6. From the rear of the device, install the two jig hooks on either side of the drum (for a total of four) so that the outer hook for each set is approximately 300 mm (12 in.) from the end of the drum and so that the hooks are 240 mm (9.5 in.) apart. The hooks are hooked over top of the carriage track.



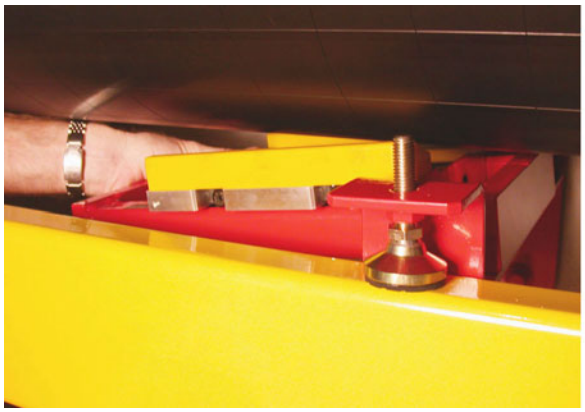




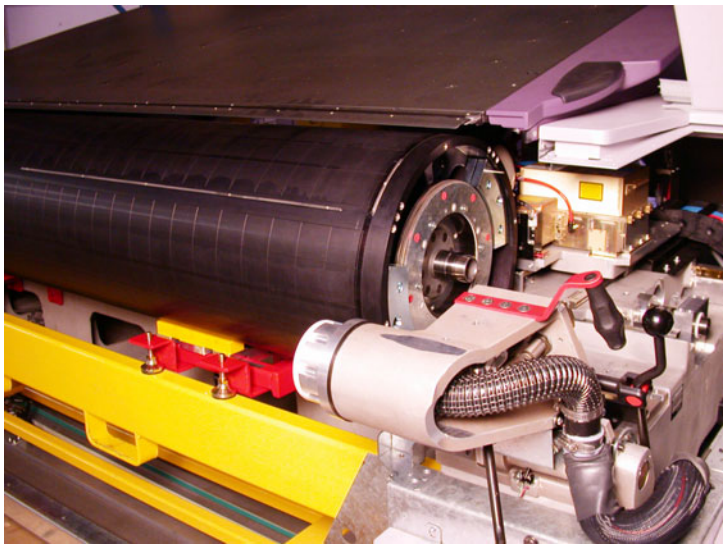
7. Adjust the feet on the cross braces all the way in and hook the cross braces into the jig hook slots—the rubber pads should be resting on the shipping bracket.

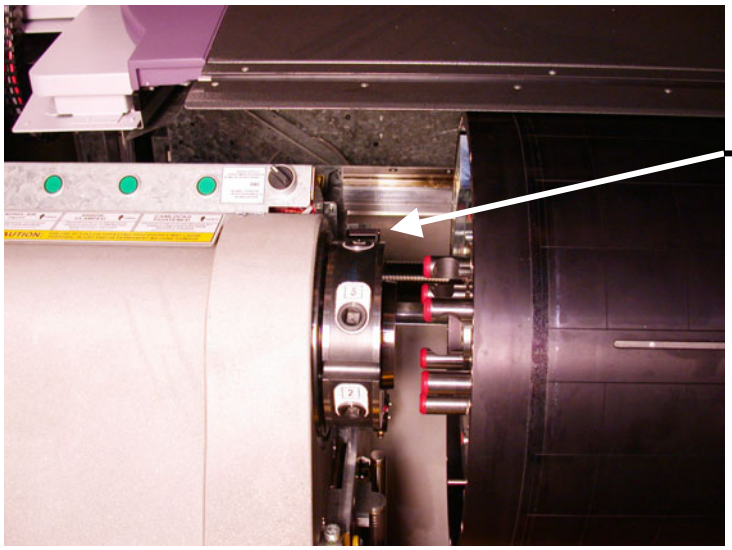
8. Put the cradle on the cradle base and install the cradle assembly so that it rests on the cross braces. The cradle base should be centered on the cross braces and the cradle must be moved all the way to the headstock side (left) of the device on the cradle base. This is so that the drum can be moved away from the headstock side on the two cradles.




9. By hand, adjust the feet on the cross braces until the cradle is snug against the drum. Adjust the feet evenly and make sure that the cradle base stays centered on the cross braces and that the cradle stays to the left.
10. Using a wrench, turn each foot another ½ turn out.
11. Install the drum cradles on both sides of the drum. The drum should now be supported by the two cradles.
12. To release the tailstock, type `>>tailstock unlock`.
13. Disengage the tailstock from the drum and open the tailstock. If the tailstock does not disengage easily or smoothly, adjust the feet on the cross braces slightly.



14. On the headstock side of the drum, disengage (pull) the locking pin and push the drum towards the tailstock side of the device—the drum should disengage from the headstock smoothly.



The drum will now be entirely supported on the jig cradles.



15. Removal of the drum service lift jig is the reverse of the installation procedure.

Note: The cam locks must be torqued in the order they are marked to 110 Nm (80 ft/lb).

Technical contact	Mike Kegel
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