Replacing the drum drive motor belt

Context

☑ VLF Platesetter
☑ VLF Trendsetter
☑ ThermoFlex

Special tools

- Drum support tool (92-0081A)



Warning: With the protective cover removed, the drum belt is exposed posing a hand entrapment hazard.

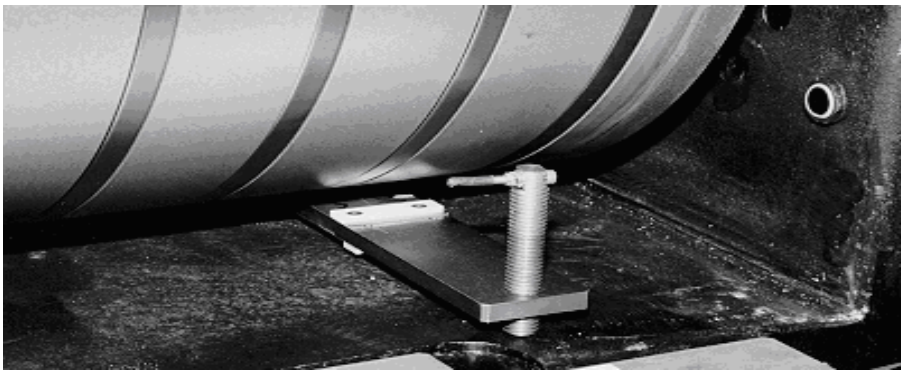
Allow the drum to settle before working in the drum belt area and exercise extreme caution to prevent your hand or fingers from being caught between the drum pulley and belt.

Failure to do so can result in serious injury to your hand or fingers.

Steps

1. Remove the belt cover.
2. Install the drum support tool.

The tool is double sided. One side is up for MLF (5080 drums) and that other faces up for VLF (5880 drums). The far end of the tool is inserted into one of two notches machined into the engine frame casting (not visible in figure). The upper notch is used for 5080 drums and the lower one used for 5880 drums.



Loosen the drive motor and lagging screws, and slacken the belt by moving the motor mount towards the drum. Loosen the two outer screws that clamp the drum pin in the drive end pillow block.

Note: The drum pins should be loosened ONLY to replace a damaged drum drive belt. Loosening the pins can affect the alignment of the drum.

3. Use the center screw as a set screw to open up the split clamp that holds the pin and pull back the drum end drum pin.
4. If the pin is not greased, apply a thin film of Alvania grease or equivalent.

   The pin should be greased at assembly.
5. Slip the belt off the pulley and the drum end and replace.

See also

Adjusting the drum drive motor belt