

2.5 Lubrication

2.5.1 Linear Guide Rails

1. Lubrication of the Linear Guide Rails is needed for every 100 Kilometers (62 miles) of travel. This is equivalent to about 50,000 print cycles.
2. If the unit experiences this number of print cycles or has been operating in a severe environment, the Linear Guide Rails may be lubricated with synthetic oil applied to the Rail top and bottom surfaces. See Photo 2.5.1-1

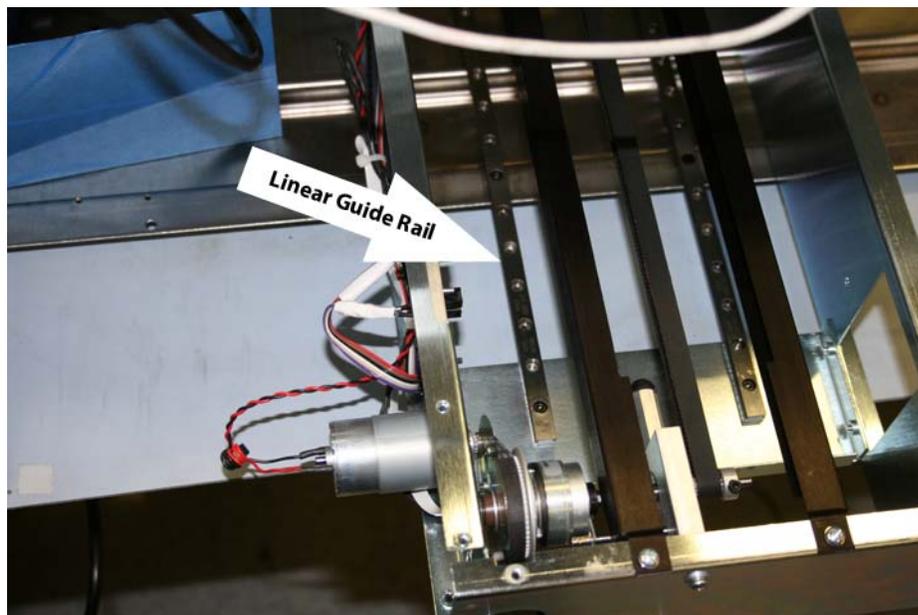


Photo 2.5.1-1

2.5.2 Carriage Shaft

1. Normally the Carriage Shaft does not need lubrication. However if the unit has been operation in a severe environment the Carriage Shaft may need lubrication.
2. To lubricate, move the Carriage to the center of the Carriage Shaft, see User Manual for procedure to release the Carriage. User Manual, Chapter 7, Section 4 Page 50)
3. Apply a very small amount of synthetic grease to the Carriage shaft on both sides of the Carriage. See Photo 2.5.3-1

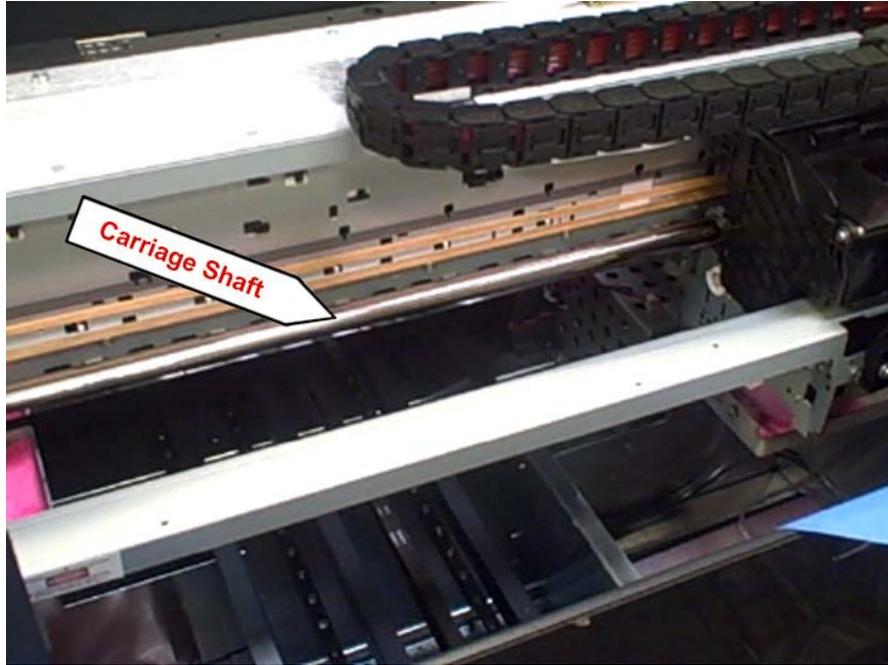


Photo 2.5.3-1

4. Move the Carriage back and forth a few times to distribute the grease evenly along the shaft.
5. Turn on the unit to return the Carriage to the parked position.

2.5.3 Other Lubrication Points

1. No other routine lubrication is required.
2. Some parts require lubrication when being replaced, see individual replacement procedures for details.