When shipped the replacement cylinder will have the following:

(2) 7/16 - 14 Retainer bolts
(2) Internal lock washers
(2) Flat washers
(1) Cylinder assembly

These items are shipped pre-assembled and adhesive is applied to adhere the flat washers to the cylinder assembly.

On single cylinder guided slides with a cylinder housing wall thickness of 0.083 or less, the flat washers act as spacers between the cylinder assembly and the cylinder housing and must be inserted with the replacement cylinder.

On cylinder housings with a wall thickness of 0.125 or greater, the flat washers must be removed before inserting the replacement cylinder.

The retainer bolts (with Loctite applied to the threads) should pass through the lock washer, through the cylinder housing, through the flat washer (when applicable) and then tightened into the cylinder assembly to approximately 30 ft-lbs.

The assembly must be allowed to set for 12 hours, without being ran, for proper curing of the Loctite.