



O-Ring Kits

O-rings are used in Series 700 and Series 800 laser optical heads to affect a water seal around mechanical parts that come into contact with deionized water used to remove arc lamp heat.

Although all O-rings are available individually from Lee Laser, the company has created O-ring Kits that can greatly simplify the purchasing and stocking of these critical parts.

O-Ring Kit Contents:

<u>Quantity</u>	<u>Location</u> *
2	Lamp Power Connector (34)
4	YAG Rod Support (36)
2	Water Fitting (35)
2	Head Top Seal (33)
* Ref: Drawing No. 130193	

O-Ring Kit Part Numbers:

<u>Part Number</u>	<u>Series 700</u>	<u>Series 800</u>
120035	708, 712, 712-15, 712-18, 715, 718, 750	815, 818, 825T
120080	703, 725	803, 825M
120081	7100	
120082	7150	
120092	775	
120140		808, 812, 850
120141		875
120142		8150, 8250
120199		8100 (5-mm YAG rod)

Service Recommendations:

O-rings should be inspected for integrity and resilience each time they are removed for servicing. Any questionable O-ring should be replaced. Care should be exercised during O-ring installation to ensure proper seating and prevent pinching. Use of O-rings other than those specified by Lee Laser may result in diminished laser performance or failure.

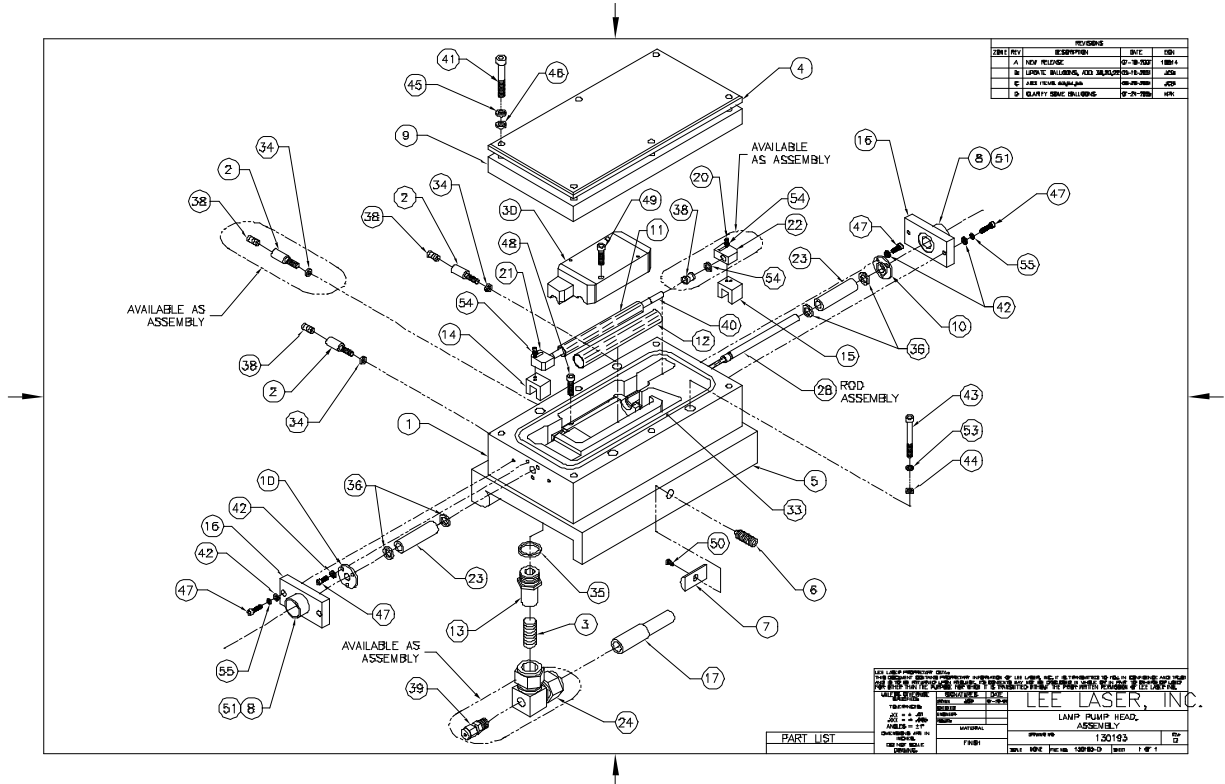


Figure 1, Lamp-Pumped Head Assembly