



How to Repair a KMT Style SL4 Static Seal Assembly Using Kit #12136

These instructions will demonstrate how to replace components of a KMT Style SL4 Static Seal Assembly with kit #12136

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INTRODUCTION

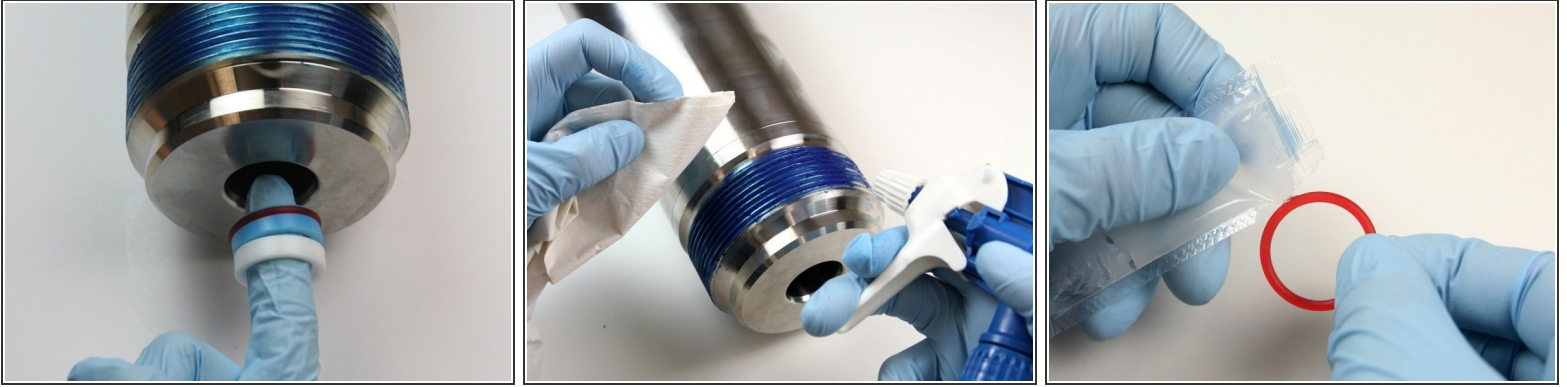
Hypertherm is in no way affiliated with the above mentioned manufacturer.



PARTS:

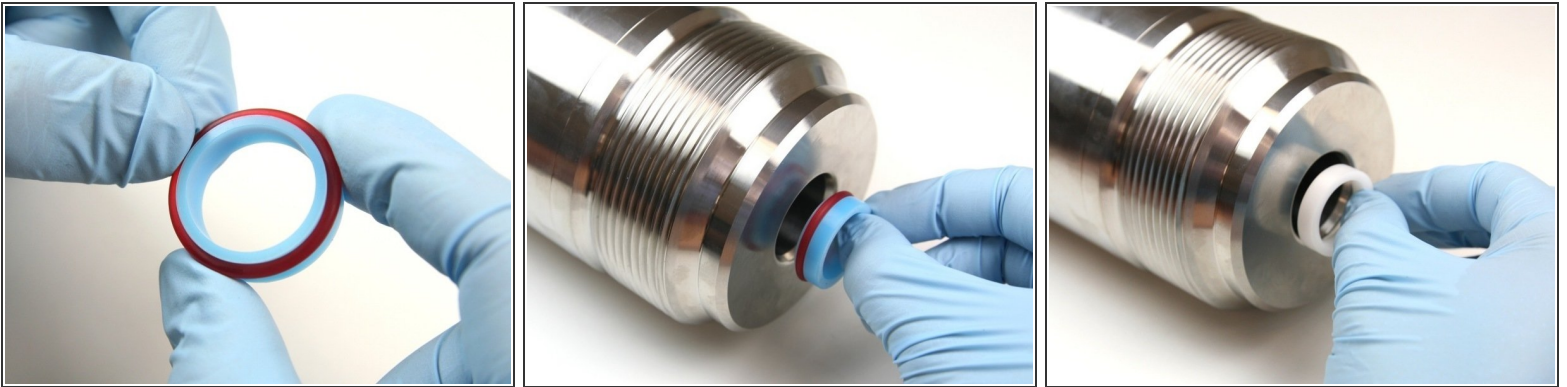
- [Repair kit #12136](#) (1)
 - [High-Pressure Seal with O-ring #12142 \(included in kit\)](#) (1)
 - [Static Seal Backup #12143 \(Included in Kit\)](#) (1)
 - [Vacuum Grease Packet #11447 \(included in kit\)](#) (1)
 - [SL4, High-Pressure Cylinder #11223](#) (1)
 - [SL4, High-Pressure Cylinder Liner #11605](#) (1)
 - [Blue Goop #11111](#) (1)
 - [Isopropyl Alcohol](#) (1)
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Step 1 — How to Repair a KMT Style SL4 Static Seal Assembly Using Kit #12136



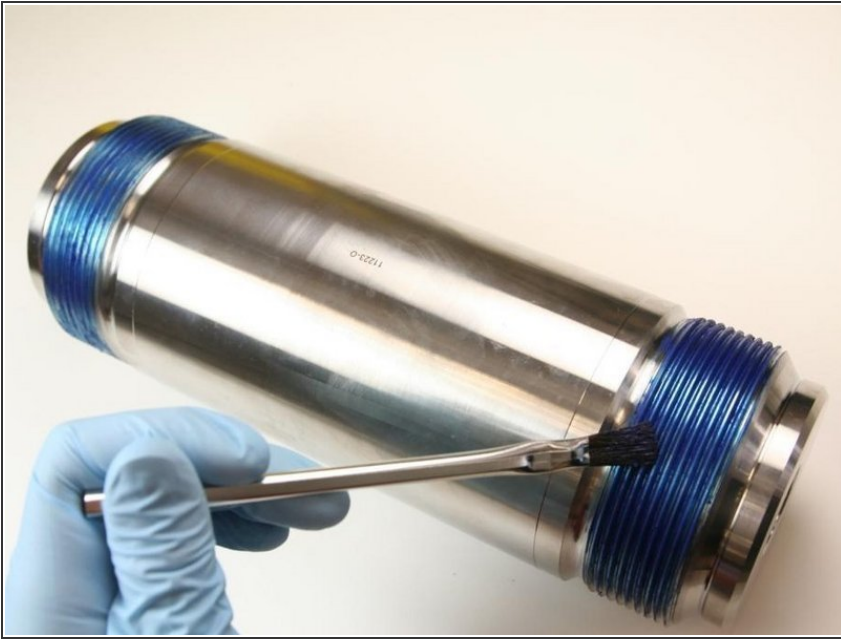
- Remove all the components from the static end of the [high-pressure cylinder](#) with the proper tools.
- Clean all [Blue Goop](#) off the high-pressure cylinder with isopropyl alcohol or a similar cleaning agent.
- Apply [high vacuum grease](#) to the O-ring.

Step 2



- Slide the O-ring onto the groove of the high-pressure seal.
- Put the high-pressure seal into the end of the high-pressure cylinder.
- Put the static back-up behind the high-pressure seal.

Step 3



- Apply Blue Goop to both ends of the high-pressure cylinder threads.
- Reassemble the high-pressure cylinder into the ***intensifier*** assembly.