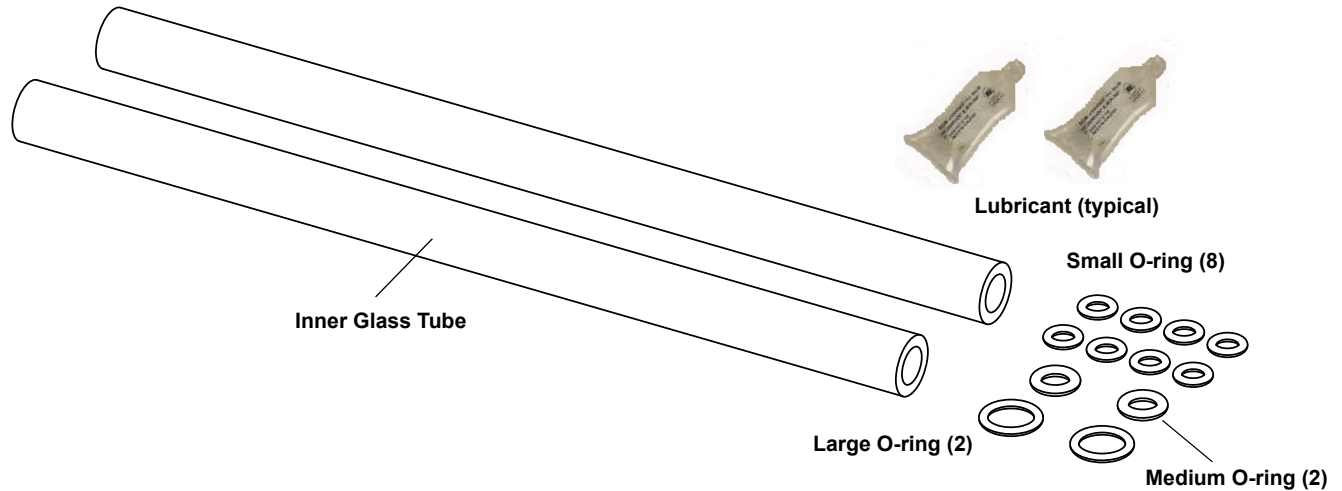




For Use with TD-8577

Glass Tubes, Replacement

TD-8498A



Included Items	Qty
Inner Glass Tube	2
Small O-ring, 3/16" ID	8
Medium O-ring, 1/4" ID	2
Large O-ring, 7/16" ID	2
Lubricant, silicone compound, packet	2

Spare parts for this product may be available. Please contact PASCO Teacher Support for availability and pricing.

Introduction

The TD-8498A Glass Tubes, Replacement are for use with the TD-8577 PASCO Compression Igniter.

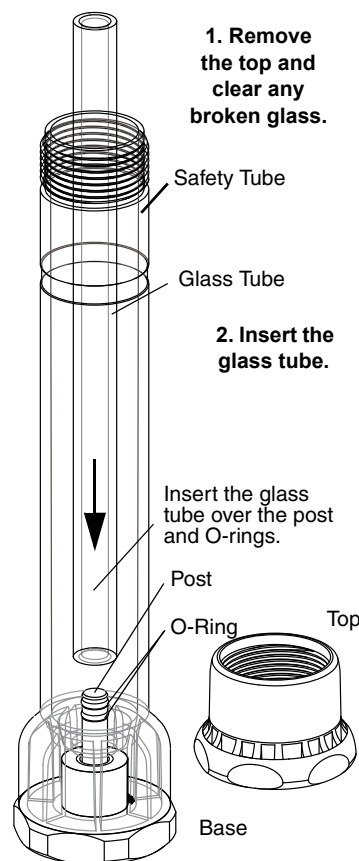
The Replacement Glass Tubes kit includes two packets of silicone compound lubricant, two glass tubes, and twelve O-rings: two large, two medium, and eight small. The large O-rings are replacements for the ring at the top of the inner glass tube. The medium O-rings are replacements for the ring at the top of the piston rod where it joins the handle. The small O-rings are replacements for the rings on the end of the Compression Igniter piston rod and for the rings on the post that is part of the removable base. The lubricant is for the small O-rings on the piston rod. (NOTE: The packets of silicone lubricant may be different than the examples shown.)

Caution

The inner cylinder in the Compression Igniter is thick-wall glass, but it can break if the Compression Igniter is dropped, especially if the piston is inside the glass tube. Be careful when handling the Compression Igniter, and always store the igniter with the piston removed from the glass tube.

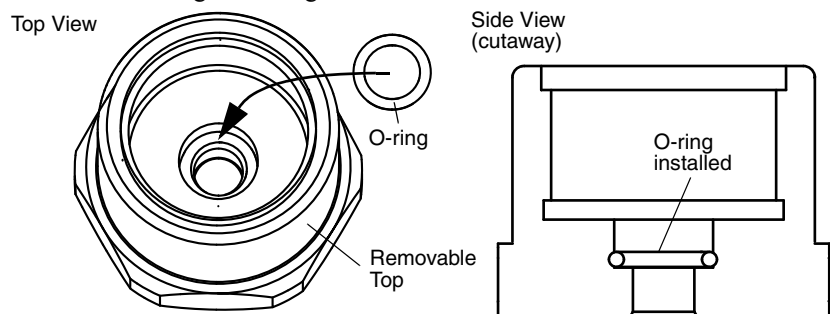
Replacing the Inner Glass Tube

- If the glass tube in the Compression Igniter should break, replace it with one of the spare glass tubes.
- Hold the igniter over a receptacle to catch any falling glass and remove the piston.
- Unscrew the removable base from the bottom, and unscrew the top from the safety tube.
- Carefully remove any broken glass from inside the safety tube and dispose of the glass properly.
- Check the condition of the O-rings and replace them if necessary.
- Screw the removable base into the bottom of the igniter. Leave the top off the igniter.
- Carefully insert the replacement glass tube into the igniter so that the bottom end of the glass tube fits over the post at the bottom of the igniter.
- Replace the top on the igniter. Line up the upper end of the glass tube with the hole in the top and then turn the top clockwise to screw it onto the igniter. Make sure that the glass tube is firmly seated over the O-rings on the post of the removable base.

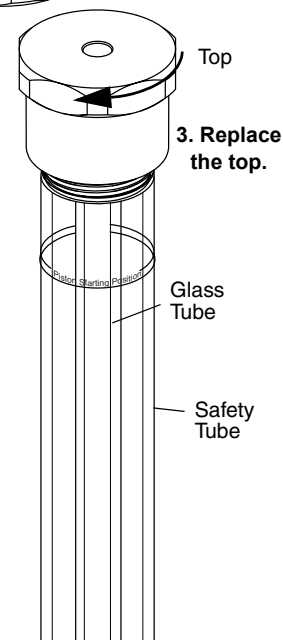


Replacing a Large O-ring

- For the large O-ring in the top of the igniter, unscrew the top from the safety tube.
- Remove the old O-ring. (You may need to use a small, flat-blade screwdriver to remove the ring.)
- Place the replacement O-ring at the bottom of the hole. Make sure that the O-ring is in the groove at the bottom of the hole.



Replacing a Large O-ring into the Top.



- Replace the top on the igniter. Be careful to line up the upper end of the inner glass tube with the hole in the top.

Lubrication

To lubricate the small O-rings on the piston rod, tear or cut the tip off the packet of lubricant. Squeeze a small drop (1 to 2 mm diameter) of lubricant onto an applicator (such as a toothpick, cotton-tipped swab, etc.), and rub the lubricant onto the two small O-rings. Store the open packet in a plastic bag or a small jar (such as a pill bottle).

CAUTION: Do not use a different lubricant than the kind provided.

Storage

Store the compression igniter with the piston removed from the inner glass tube.

Spare Parts

Spare parts for this product may be available. Please contact Teacher Support for availability and pricing. If you contact Teacher Support about spare parts, please refer to the table. Do not attempt to order a spare part by its part number.

Table 1: Parts

Included Items	Qty	Description	Part Number
Inner Glass Tube	2	TUBE, GLASS	648-11045
Small O-ring, 3/16" ID	8	O-RING, VITON, AS568A-008	638-038
Medium O-ring, 1/4" ID	2	O-RING, BUNA-N, AS568A-010	638-041
Large O-ring, 7/16" ID	2	O-RING, BUNA-N, AS568A-013	638-043
Lubricant, silicone, packet	2	LUBRICANT, DOW CORNING 11	726-054

Teacher/Technical Support

For assistance with any PASCO product, contact PASCO at:

Address:	PASCO scientific 10101 Foothills Blvd. Roseville, CA 95747-7100	Web:	www.pasco.com
Phone:	+1 916 462 8383 (worldwide) 800-772-8700 (U.S.)	Email:	support@pasco.com

For the latest information about the TD-8498A Glass Tubes, Replacement, go to the PASCO web site at www.pasco.com and enter "TD-8498A" in the 'Search' field.

Limited Warranty For a description of the product warranty, see the PASCO catalog.

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