

**Instruction Sheet
for the PASCO
Model ME-9865**

Launcher Replacement Sights (5) Installation Instructions

Introduction

The ME-9865 Launcher Replacement Sights provide both bore sights for replacement in the ME-6801 PASCO Long Range Projectile Launcher.

Equipment

- 1 5/16" diameter sight
- 1" diameter sight

Additional Equipment Required

- small flat screwdriver

► **Note:** It is easiest to remove either of the two sights from the projectile end of the cylinder because the washer at the back end of the cylinder is rather difficult to extract.

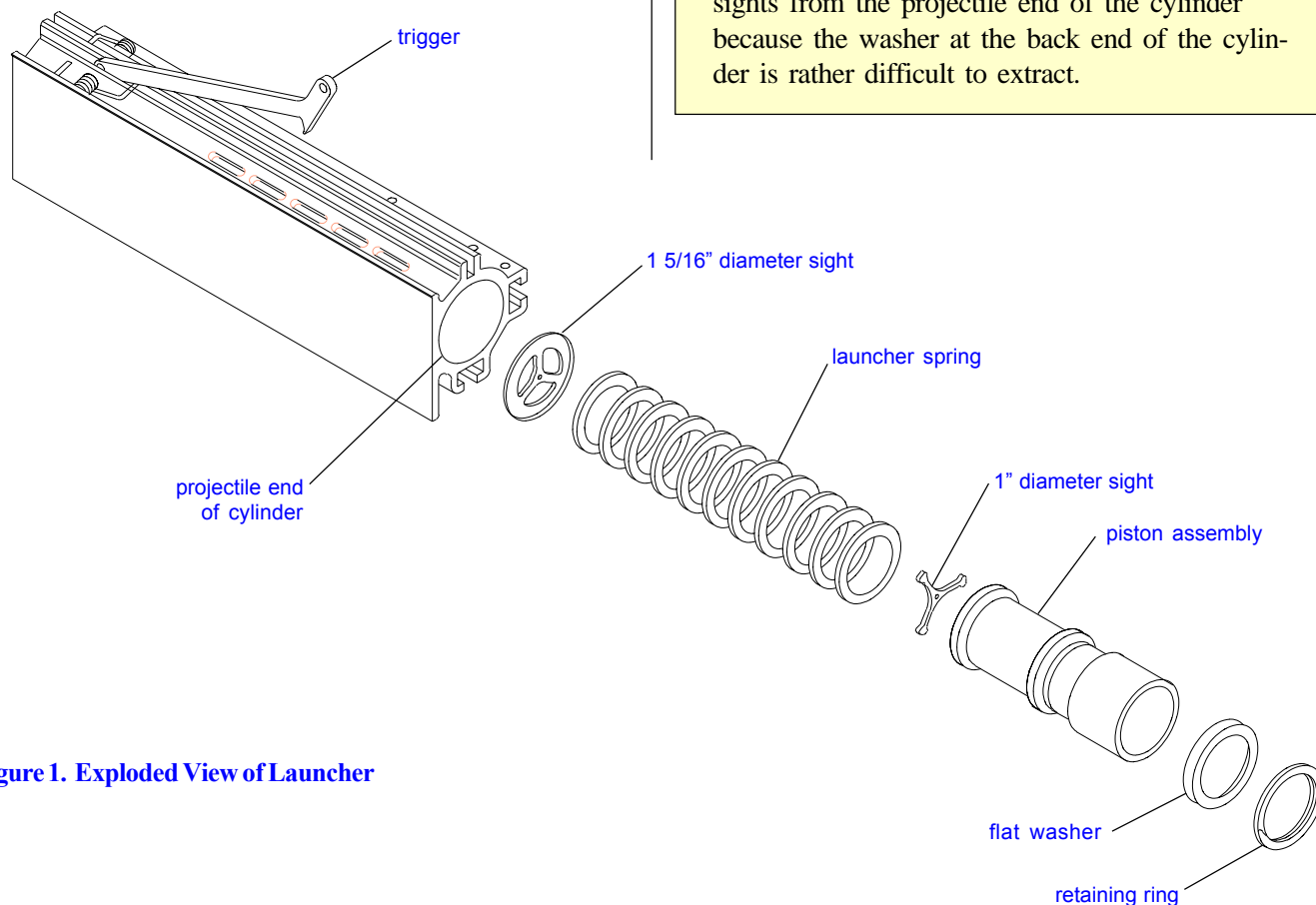


Figure 1. Exploded View of Launcher

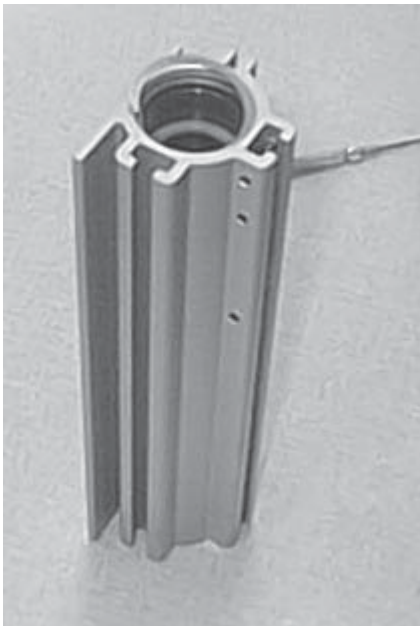
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Replacing the Sight in the Piston

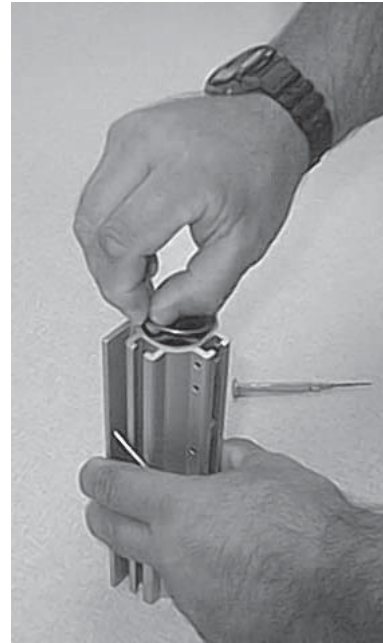
1. Carefully slide the screwdriver under the small tab on the top surface of the retaining ring.



2. Pry the tab away from its seated groove of the cylinder and pull upward.



3. Slowly rotate the ring out of its groove until it is removed from the cylinder.



4. Pull the large black washer out of its groove to enable access to the piston.

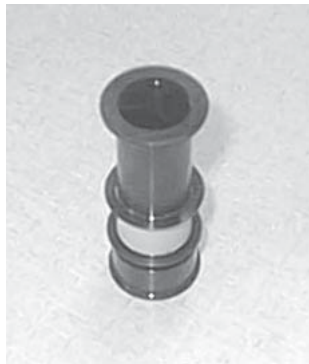


5. Pull up on the trigger and remove the piston.

6. If applicable, remove the defective sight from inside the piston and replace it with a 1" diameter sight.



7. Hold the sight in the center of the piston with the screwdriver tip and firmly push it into the groove until it snaps into position.



Replacing the Rear Sight in the Cylinder

8. Remove the spring from the cylinder.
9. Remove the defective rear sight by pushing it out from the back of the cylinder.
10. Insert a new 1 5/16" sight from the front and push it into position.

Reassembling the launcher

1. Reinsert the spring.
2. Reinsert the piston with the sight facing the back of the cylinder.
3. Push the washer back into its groove.
4. With a spiral motion, guide the retaining ring back into its slot.

► **Helpful Hint:** After replacing the piston, push the black washer below the inner groove of the cylinder. This action will give you more room to replace the retaining ring.

To replace the retaining ring, pull the tab (or peel the tab of the ring) and start to spiral the ring into the groove of the cylinder.

Once the ring is in place pull the large black washer upward into its seated position (the groove of the cylinder). If the large washer will not seat properly, activate the unit and allow the piston to slam the washer into position.

Limited Warranty

PASCO scientific warrants the product to be free from defects in materials and workmanship for a period of one year from the date of shipment to the customer. PASCO will repair or replace at its option any part of the product which is deemed to be defective in material or workmanship. The warranty does not cover damage to the product caused by abuse or improper use. Determination of whether a product failure is the result of a manufacturing defect or improper use by the customer shall be made solely by PASCO scientific. Responsibility for the return of equipment for warranty repair belongs to the customer. Equipment must be properly packed to prevent damage and shipped postage or freight prepaid. (Damage caused by improper packing of the equipment for return shipment will not be covered by the warranty.) Shipping costs for returning the equipment after repair will be paid by PASCO scientific.

Equipment Return

Should the product have to be returned to PASCO scientific for any reason, notify PASCO scientific by letter, phone, or fax BEFORE returning the product. Upon notification, the return authorization and shipping instructions will be promptly issued.

► **NOTE:** NO EQUIPMENT WILL BE ACCEPTED FOR RETURN WITHOUT AN AUTHORIZATION FROM PASCO.

When returning equipment for repair, the units must be packed properly. Carriers will not accept responsibility for damage caused by improper packing.

Address: PASCO scientific
10101 Foothills Blvd.
P.O. Box 619011
Roseville, CA 95678-9011

Phone: (916) 786-3800
FAX: (916) 786-3292
email: techsupp@pasco.com
web: www.pasco.com