



SERVICE BULLETIN

Service and Maintenance manual N° **ALL**

Bulletin N° **012/Sep/14**

Equipment affected:

All ISP manufactured products including Lifejackets and Bladder Assemblies fitted with **Halkey Roberts Pro 1F (Model V86000) or Pro 3F (Model V86160) Inflators.**

Reason for issue:

Halkey Roberts (the Inflator Manufacturer) has produced an optional "*Locking Ring*" that can be fitted to the referenced Inflator Models. When installed, it provides additional security of fit of the cylinder to the Inflator.

Materiel required:

Small flat head screwdriver

This bulletin is effective:

From: Immediate
To: Until Further Notice

Instruction:

There is an option to fit a yellow coloured "Locking Ring" to the above referenced inflators. This is not mandatory and should not affect the ability of the inflator to function as intended whether it is fitted or not. It is an optional additional support that is offered to increase the security of fit of the cylinder to the inflator mechanism.

Service Personnel should follow the instructions provided by Halkey Roberts (see appended pages of this Service Bulletin) for any lifejackets being serviced that have these Locking Rings fitted. The instructions can also be used should a customer request to have Locking Rings fitted when their lifejackets are being serviced.

The instructions provide guidance on the correct fitting and removal of the Locking Rings.

Please note: If fitted, providing that the Locking Rings are not damaged, they do not need to be replaced during a service.

Locking Rings can be purchased from ISP. The ISP Part Number is **90-ISP-9IX-018**

Please can you review and circulate as deemed appropriate to service personnel / end users of products.

Authorised by Name (print) : P. Houghton

Signature :

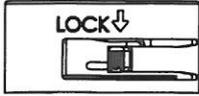
Position : Technical Manager

Date : 3rd September 2014

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Instructions for Use

Life Vest Manufacturers and Service Stations

Cat. Items: V86144

Tooling: Small Screwdriver

⚠ Cautions:

- Carefully follow the directions below to maintain the inflator integrity.
- To prevent Lock Ring damage, follow cylinder removal instructions.
- Use with 1F (V86000) or 3F (V86160) inflator only

REFERENCE MATERIAL: Life Jacket Owner's Manual.

Lock Ring Installation Instructions:

1. Align lock ring with inflator. Fig. 1
2. Tilt lock ring to engage back strap onto the inflator body up to retainer. Fig. 2
3. Press on top of the lock ring above the L in LOCK until lock meets body.
4. Lightly move lock out of the way until it rests on body.
5. Slide the lock ring onto the body until it bottoms out.
6. Rotate ring left until the retainer engages in the back hole. This may require a small screwdriver with a light touch.
7. Rotate ring right until the lock engages in the front hole.

Cylinder Installation Instructions:

1. Install cylinder by inserting bayonet tabs into body and rotate clockwise.

Cylinder Removal Instructions:

1. Using a thumb or finger nail lightly remove the lock from the front body hole. Fig. 3
2. Remove cylinder by turning counter-clockwise and pull out.
3. Lightly press lock into front body hole.

Preliminary

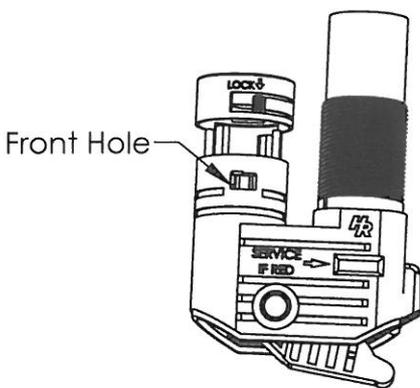


Figure 1

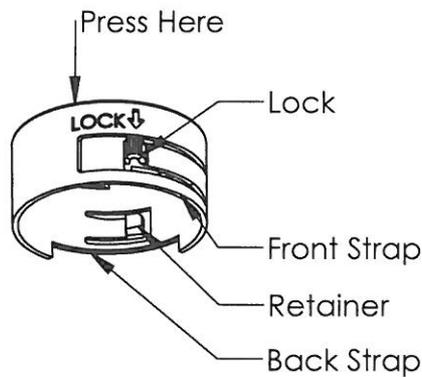


Figure 2

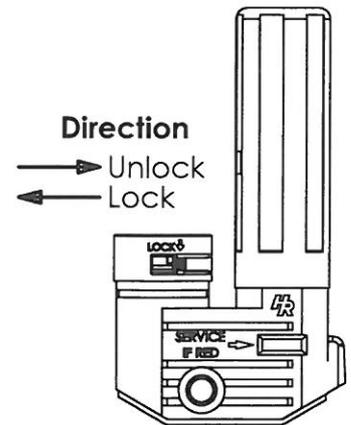


Figure 3

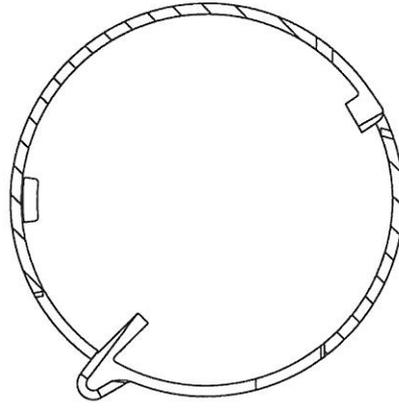
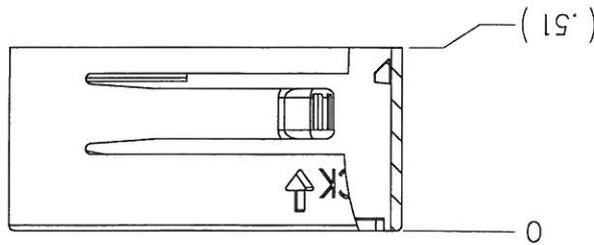
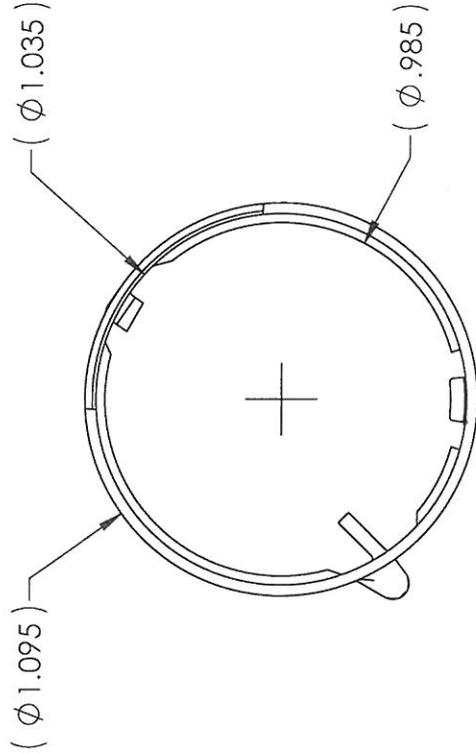
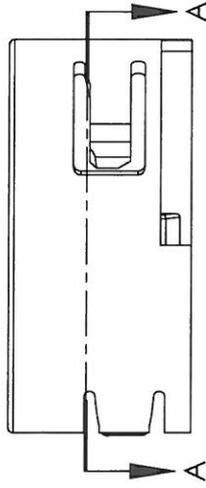
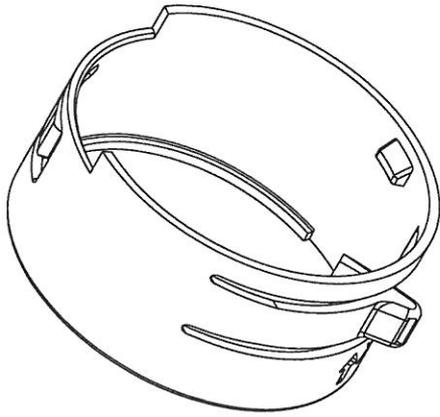
DRAWING NO.
CV86144

REV
A

Customer Drawing

Revision History

REV	DESCRIPTION (ECO)	DATE	APPROVED
A	New Drawing Release ECO #6188	8/5/14	A. King
-	-	-	-



SECTION A-A

NOTES:

- Material: Yellow Acetal

DRAWN BY S. Rogler DATE 8/5/14

APPROVED BY DATE

MATERIAL

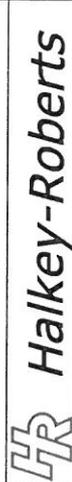
FINISH

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: ± 1°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005

THIRD ANGLE PROJECTION

MOULDED PARTS:
GATES, PARTING LINES, AND FLASH PER QUALITY CRITERIA

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TITLE BAYONET LOCK RING
SIZE A DRAWING NO. CV86144 REV A
SCALE 2:1 DO NOT SCALE DRAWING SHEET 1 OF 1