



Unit 12 Barratt Trading Estate, Denmore Road, Bridge of Don, Aberdeen AB23 8JW

Lift Test Cap User Manual

This Manual Covers the Following Part Numbers:

175-5182-HV0

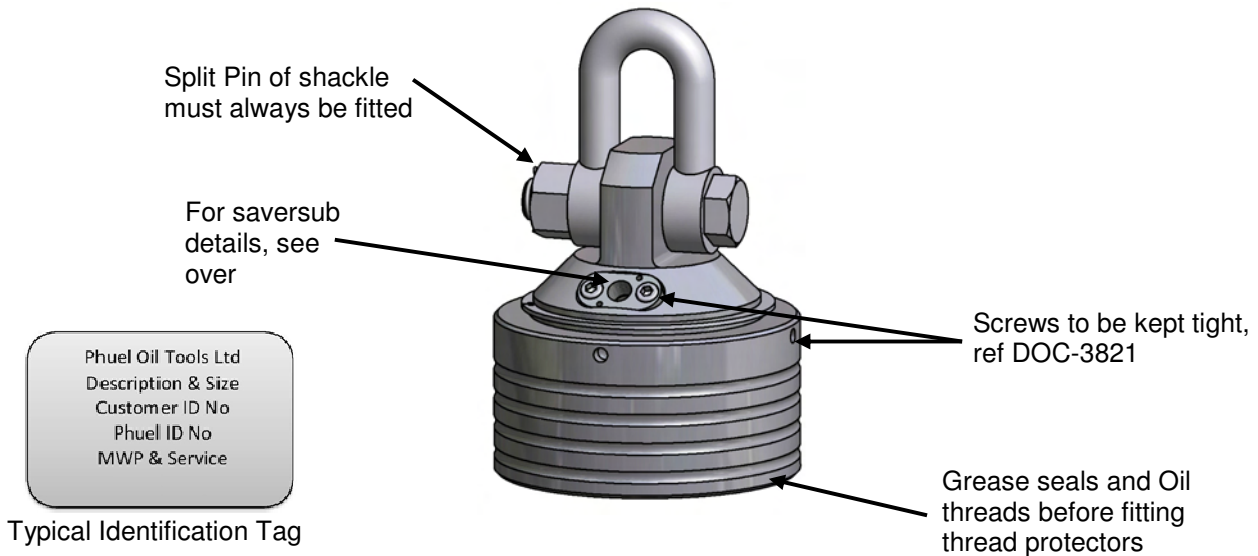
This is a certified safety critical product and modifications or changes not authorised by Phuel Oil Tools may compromise the Safety, Functionality and Certification of the assembly.

Safety Considerations:

All pressure equipment has a particular pressure rating and care must be taken to ensure that no item is used in a situation that may cause its working pressure to be exceeded.

This equipment is heavy and should not be lifted without lifting aids

Recommended Operation & Maintenance for a Typical Lift/Test Cap



Pre Job

- Check that the certification and scheduled maintenance is up to date.
- Examine the assembly, to make sure that it is good operating order, and seal areas and threads are not damaged.

Post Job

- After each job, the assembly should be thoroughly cleaned and redressed if required.
- The assembly should be protected against the effects of corrosion and damage.

Annually

- Inspect the condition of sealing surfaces and surface coatings, and threads, repair/replace as necessary.
- Re-coat threads and sealing surfaces if necessary. Contact Phuel if in doubt.
- Pressure Test to 300 to 500 psi and to maximum working pressure.
- Inspect paintwork and repair where necessary.

Five Yearly

- Re-certification by Phuel Oil Tools in accordance with DNV-RP-E101

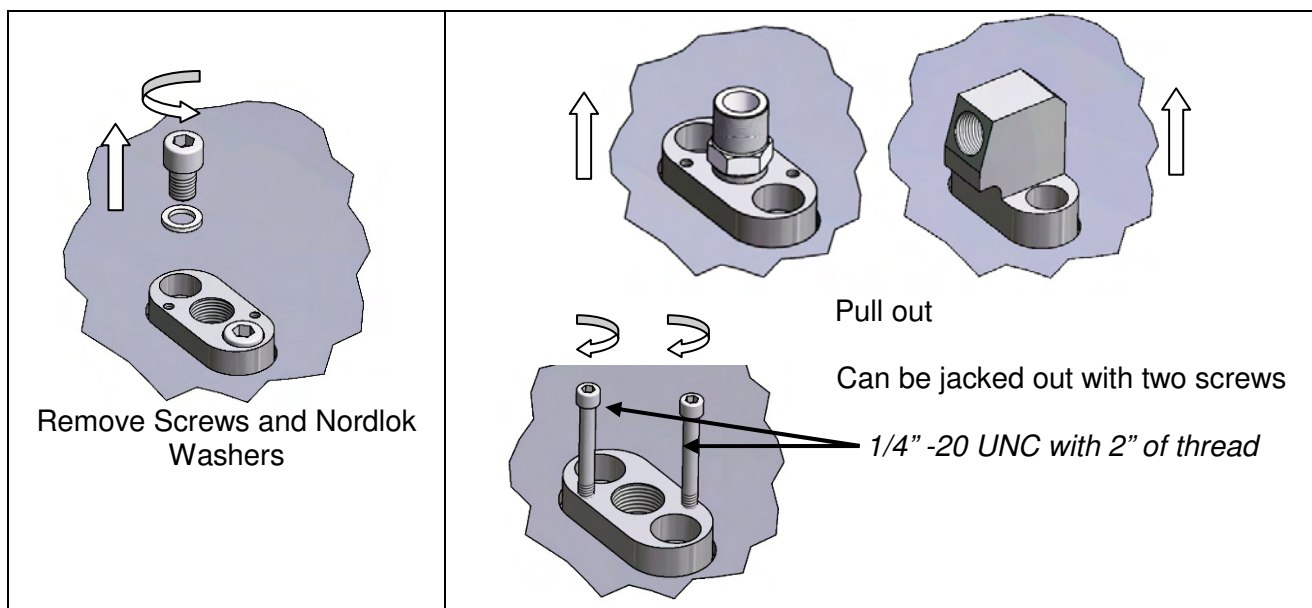
Lifting Equipment

- Lifting Equipment to be examined / tested by competent person in accordance with local legislation every 12 months

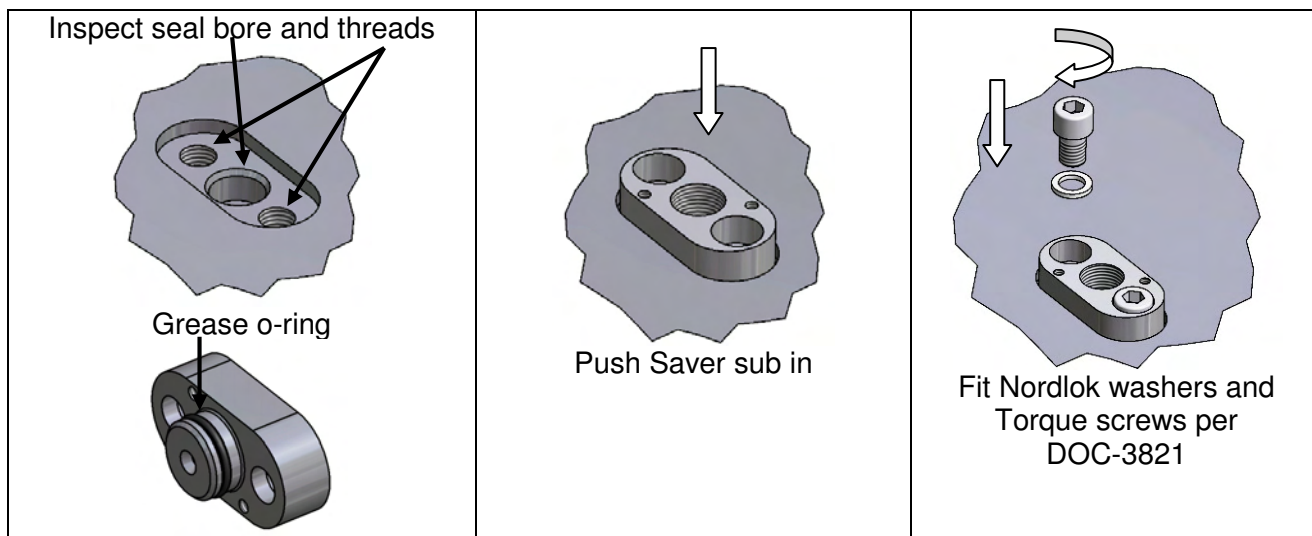
Pressure Test

- Fit the appropriate test caps and fill with test fluid, bleeding off any air in the system
- Apply pressure between 300 to 500 psi and hold for a minimum of 10 minutes
- Increase pressure to Maximum Working Pressure, allow to stabilise and hold for 15 minutes with no visible leaks.
- Bleed off pressure, drain test fluid, and remove test caps and dry
- Apply coating of de-watering solution to protect the bore and threads, and fit thread protectors

Saver Sub Removal

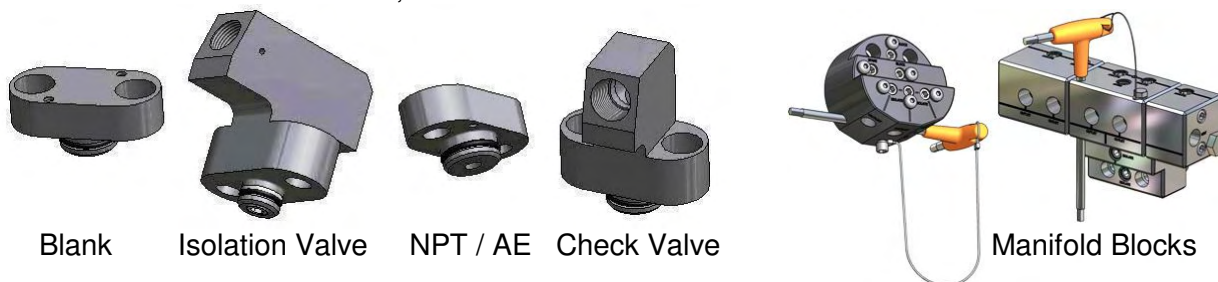


Saver Sub Refitting



Alternative Saver Subs

Other saver subs are available, contact Phuel Oil Tools for details.





User Manual - Bill of Material and Spares

Bill of Material – 175-5182-HV0

Item	Part Number	Description	Qty
1	175-5181-480	9"-4 Lift Test Cap Body 12T 10k	1
2	125-2059-480	COLLAR SOLID 9-4	1
3	145-2176-480	SAVER SUB PORT	1
4	801-0119-V90	O-Ring - B.S Size 119	1
5	801-0438-V90	O-Ring - B.S Size 438	1
6	SHC-0583-3A4	Soc Hd Cap 1/2 UNC Length 3/4 in	2
8	WNL-0580-316	WASHER NORDLOCK (M12)	2
10	175-5021-STL	EXTERNAL CIRCLIP 197mm (DSH-197)	1
11	915-2152-STL	CROSBY BOLT TYPE SHACKLE -12 TON	1
99	910-3369-N66	MALE PROTECTOR (DW) 9-4 ACME	1

Spares

Use only spares supplied or approved by Phuel Oil Tools Ltd. O-Rings conform to industry standards and may be substituted with those from other suppliers -- **at the sole risk of the user.**

Individual items may be ordered as required using the part number specified

Elastomeric spares are supplied in Viton and HNBR material as standard. Many other materials are available please specify when ordering.

It is recommended that sufficient quantities of the following spares be maintained to ensure that the equipment is always available when required.

Redress kit part number: RDK-5182-HV0

Part No	Description	Qty
801-0119-V90	O-Ring - B.S Size 119	1
801-0438-V90	O-Ring - B.S Size 438	1



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Declaration of Conformity

Part Number: 175-5182-HV0
Description: LIFT TEST CAP 9-4 12T 10K
Working Pressure: 10,000 psi
Temperature: -30 TO 121 Degrees C
Padeye SWL: 12 Tonne (12,000 KG)
Certified to: API 6A 20th Edition PSL 3,
API 8C 4th Edition
Norsok D-002 Rev.1 October 2000,
NACE MR-01-75

This document certifies that the products above comply with the relevant provisions of the Machinery Directive 2006/42/EC

For safe operation and proper maintenance of this equipment, refer to the operating manual.

Phuel Oil Tools Ltd operates a quality system that conforms to ISO 9001:2008
and is registered with BSI -Certificate No FS 511512.