



Member of the ELAFLEX Group



EC100 Series Electrical Isolating Coupler Instruction Manual

▲ WARNING

Failure to follow these instructions or to properly install and maintain this equipment could result in gas leakage, fire or explosion causing property damage and personal injury or death.

Oasis products must be installed, operated and maintained by trained and competent personnel in accordance with all applicable local codes, rules and regulations in addition to the Oasis Instructions.

Oasis Engineering Ltd. will not be held liable in such circumstances where installation, operation and maintenance procedures were performed by incompetent personnel resulting in improper assembly, unsafe operation, equipment damage or personal injury.

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Warning!

High pressure gas and gas equipment can cause serious harm to both infrastructure and personnel if safety precautions are not followed.

Oasis recommends considering the use of the following PPE when working with high pressure along with any other site specific health and safety requirements:



Foot Protection



Hearing Protection



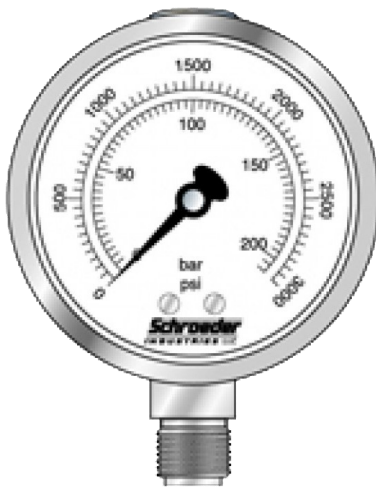
Safety Helmets



Hand Protection

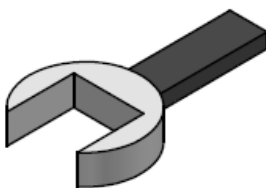


Safety Glasses

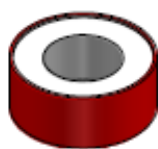


Ensure the system is vented and isolated before any installation or servicing work is carried out.

Tools Required



**Spanner
(Wrenches)**

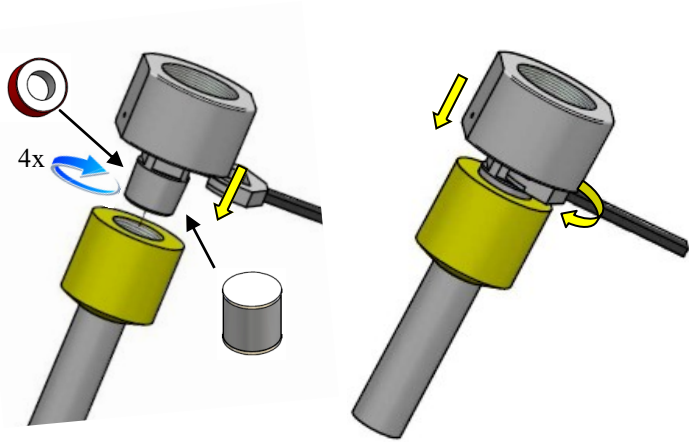


Thread Tape

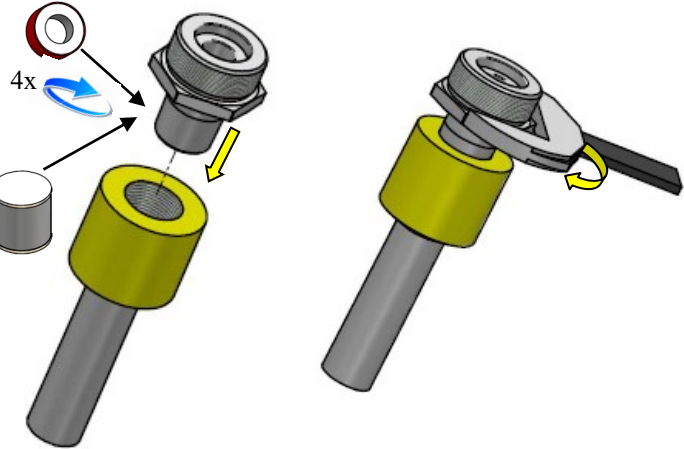


Anti Seize Grease
- Swagelok Silver Goop
- Omega 99
- or similar

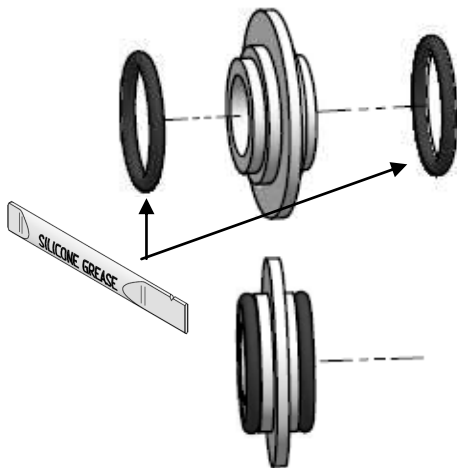
1. Screw the first half of the coupler into pipe.



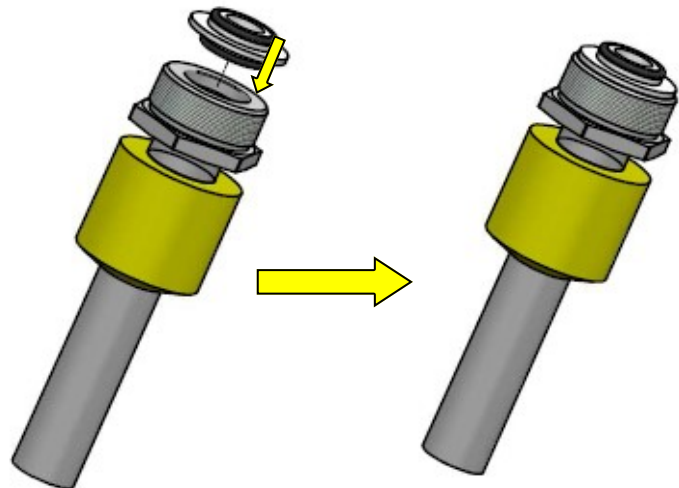
2. Screw the second half of the coupler into pipe.



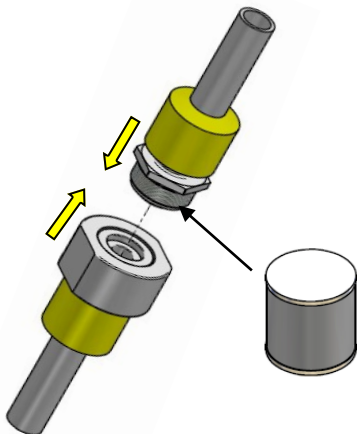
3. Assemble seal.



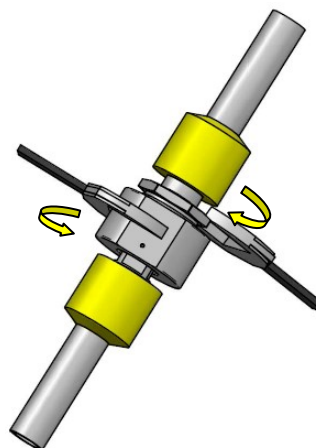
4. Install seal.



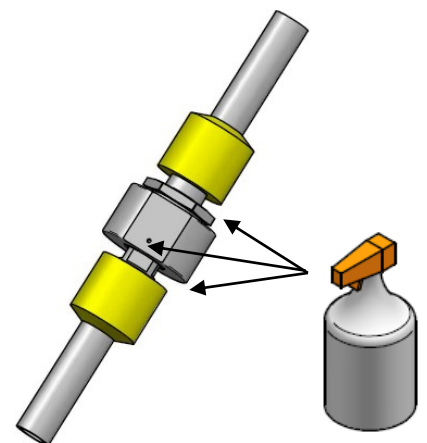
6. Screw together two halves.



7. Tighten together.



8. Leak test using Snoop or soapy water for leaks.

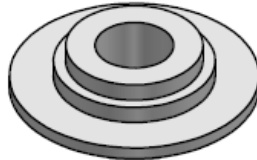


Service Kit Parts

1 x Collar



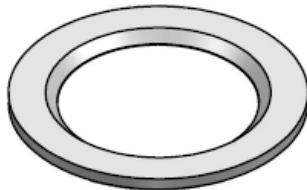
1 x Seal Washer



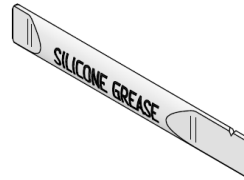
2 x O-rings



1 x Washer

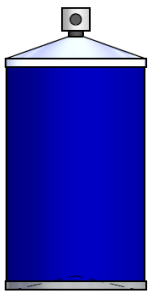


1 x Silicone Grease

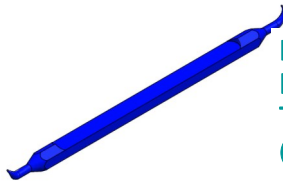


The Complete Oasis Seal Kit must be used

Tools Required



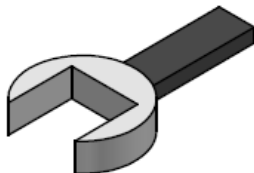
Cleaner (Warm Soapy Water or Similar)



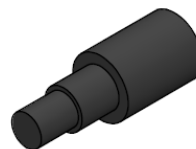
Pick Tool
Part Number:
TOOL-PICK
(Sold separately)



Anti Seize Grease
(Loctite 771 or Similar)
For All Threads



Spanner
(Wrenches)



Oasis Plastic Tool
Part Number:
TOOL-BVASSY
(Sold separately)

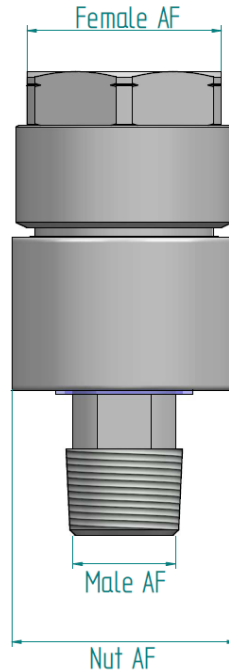
Spanner Dimensions

Female Part (A/F)

EC104= 36mm
EC106= 39mm
EC108= 57mm

Nut (A/F)

EC104= 41.6mm
EC106= 56mm
EC108= 64mm

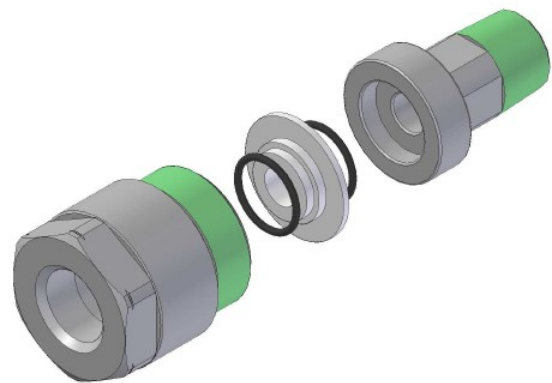
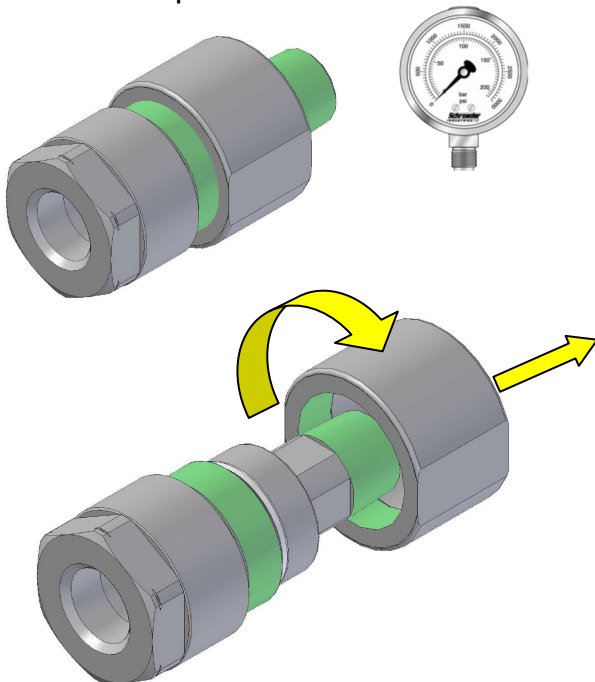


Male (A/F)

EC104= 36mm
EC106= 44.5mm
EC108= 57mm

1. Ensure component is vented then undo component.

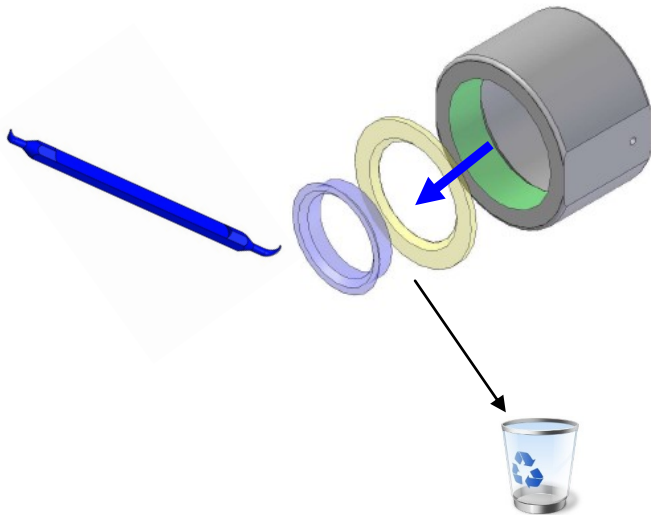
2. Discard coupler seal parts.



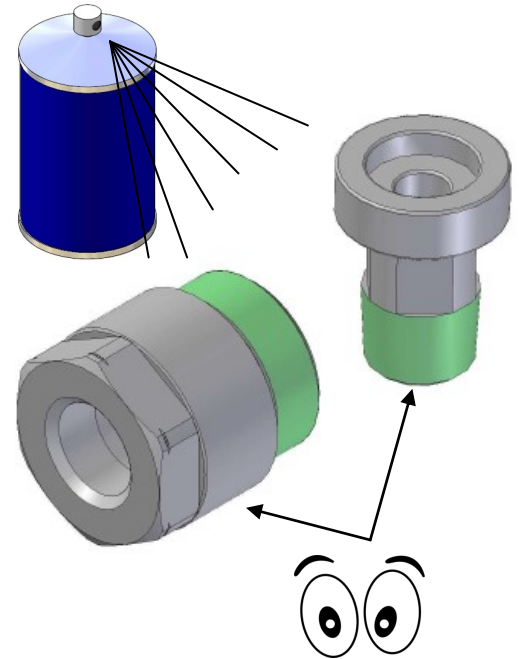
3. Remove internal nut isolation washer and discard.



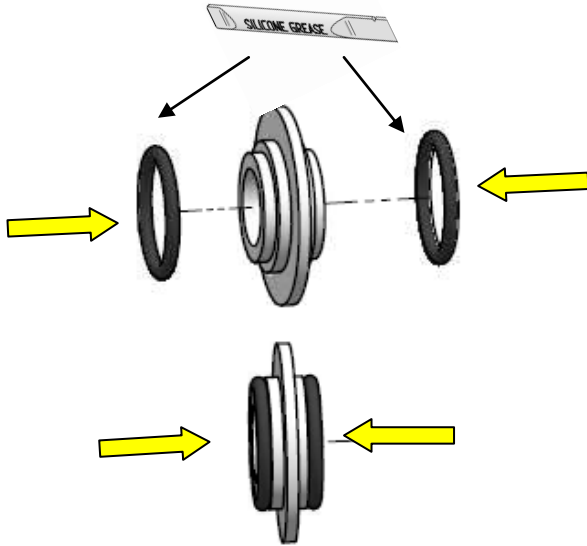
Do not scratch body



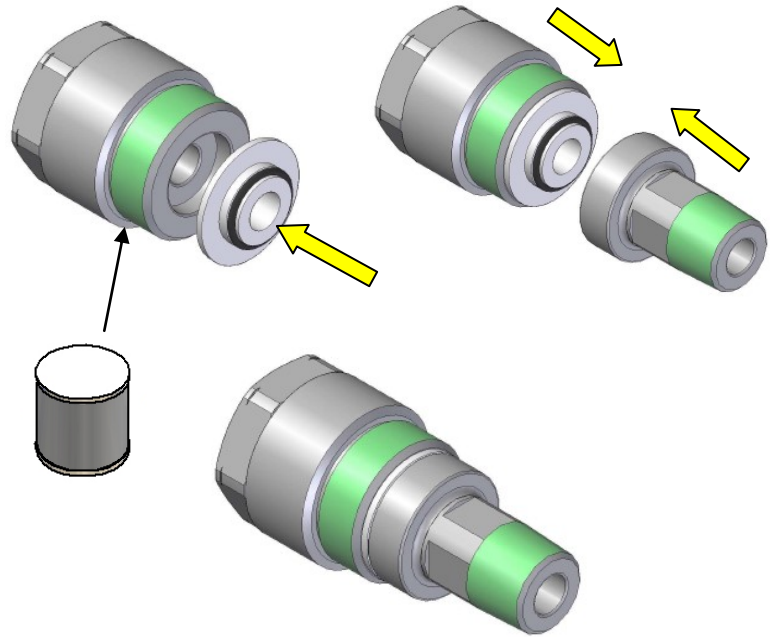
4. Clean parts and visually check components for damage.



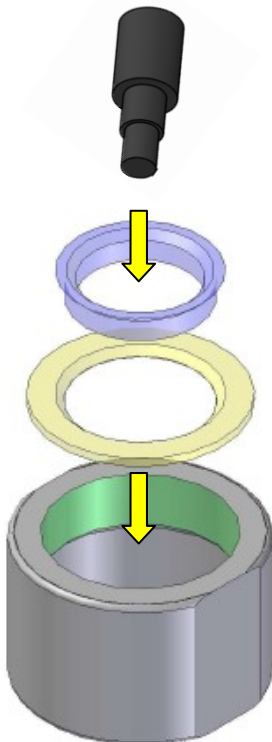
1. Assemble coupler seal.



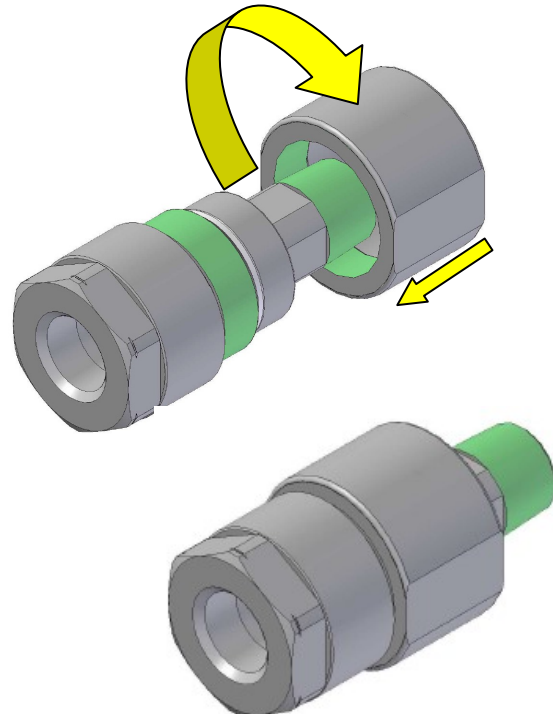
2. Connect parts.



3. Insert isolation washer and collar.



4. Screw back together.



Follow the installation instructions on page 3 to re-install.