



FV100 Series

FV103-62 Vent Stub Installation

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.

Oasis recommends that all service technicians should watch the Product Servicing Video before attempting to service this part.

Oasis Engineering Ltd
129 Birch Avenue, Tauranga, New Zealand.
T: +64 7 928 3808
E: info@oasisNGV.com
W: www.OasisNGV.com



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

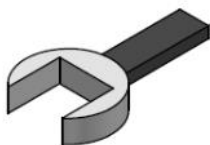


Safety Glasses



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

Tools Required For Valve Installation



**Spanner
(Wrenches)**



**Thread Tape
(if using NPT
or BSPT
fittings)**



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



**Spray bottle
(Snoop or soapy water)**



**Thread locker
243 Loctite or
similar**

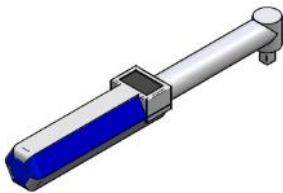
Service Kit Parts



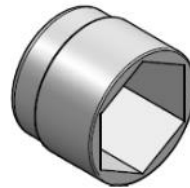
1 x FV103-62
Vent Stub with O-ring

The Complete Oasis Seal Kit must be used

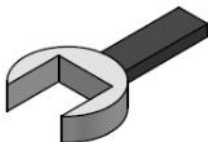
Tools Required For Servicing



Torque Wrench



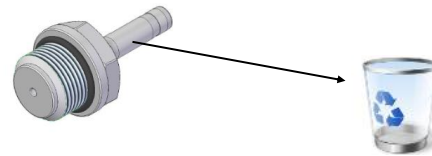
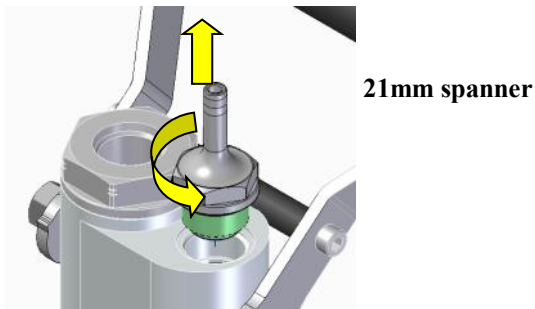
Sockets
21mm



Spanner
(Wrenches)
21mm

1. Remove damaged vent stub.

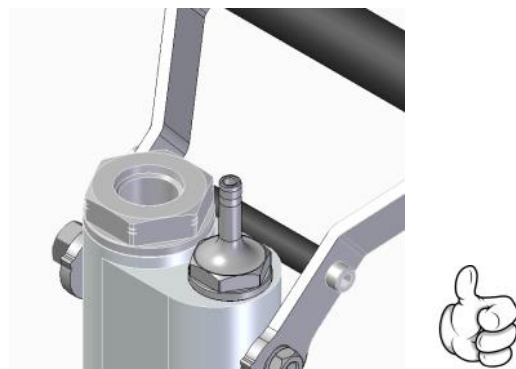
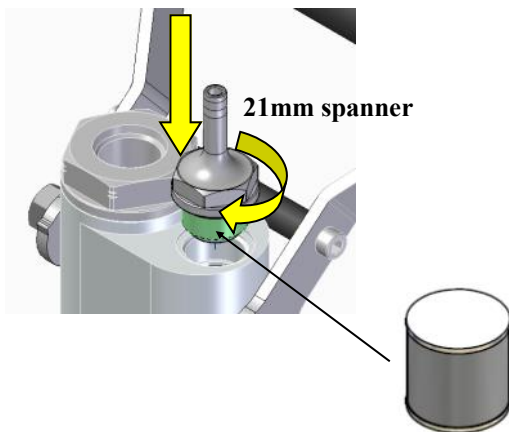
2. Discard damaged vent stub.



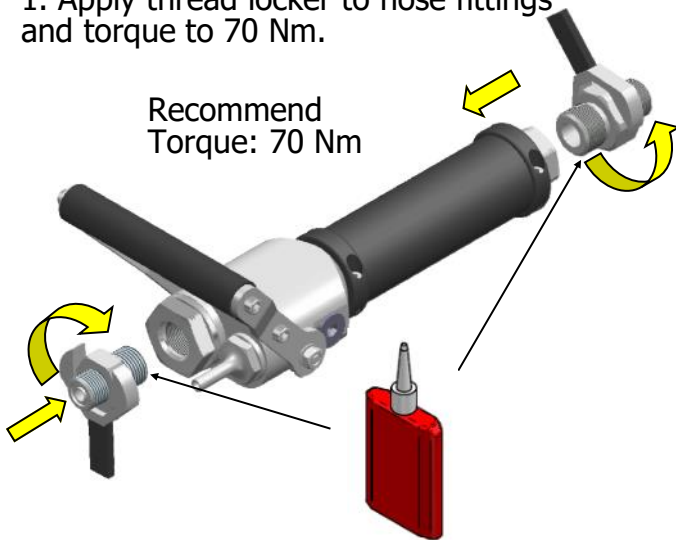
Servicing - Assembly

1. Insert new vent stub. Apply anti seize to threads before installation

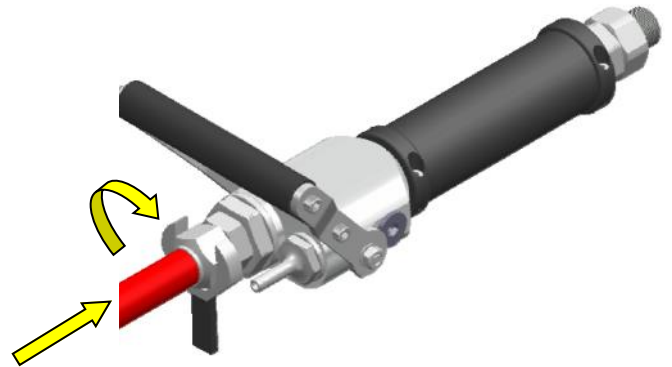
2. Torque new vent stub to 35 Nm.



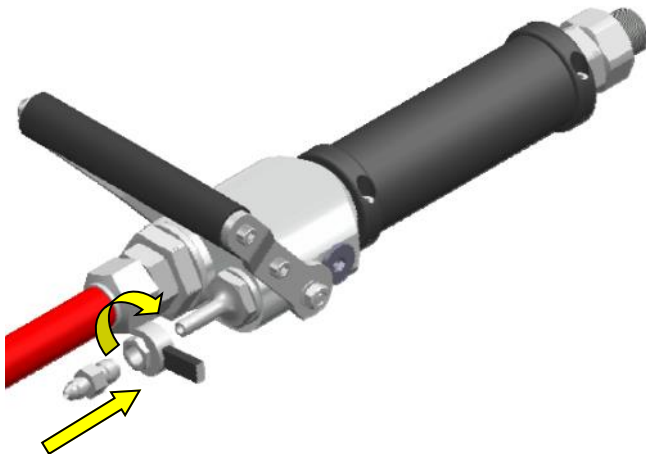
1. Apply thread locker to hose fittings and torque to 70 Nm.



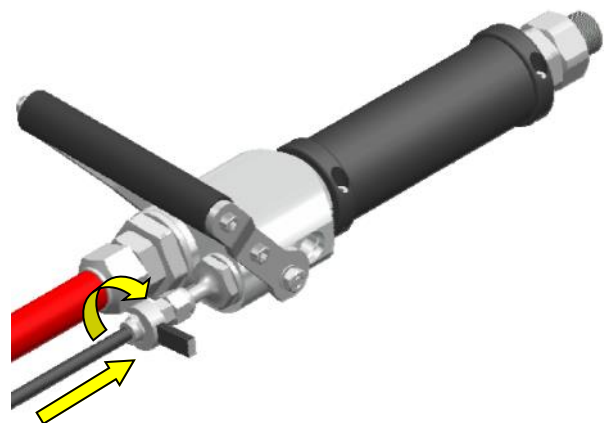
2. Attach main hose, tighten the connection to the hose manufacturers instructions.



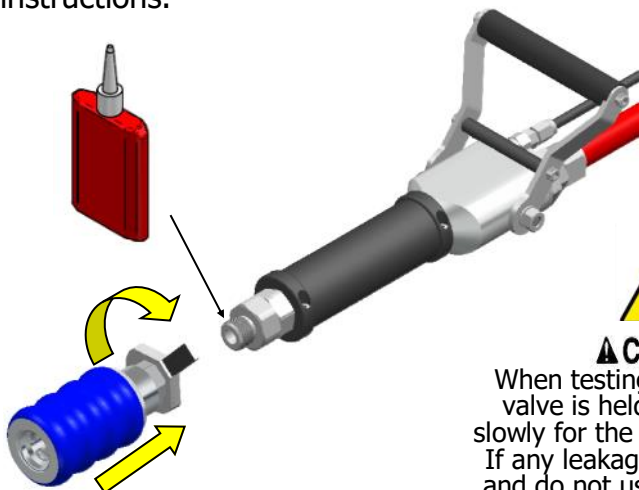
3. Attach vent fitting and tighten to manufacturers instructions.



4. Tighten vent hose to the hose manufacturers instructions.

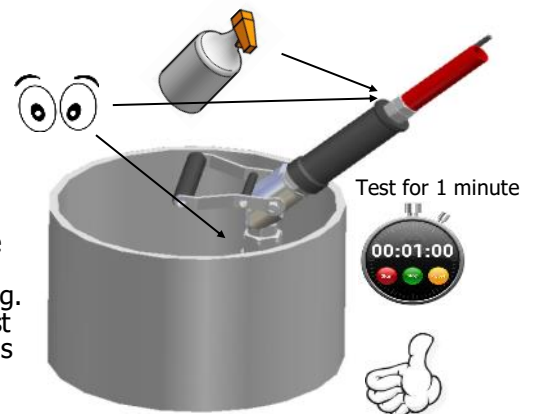


5. Attach nozzle as per manufacturers instructions.

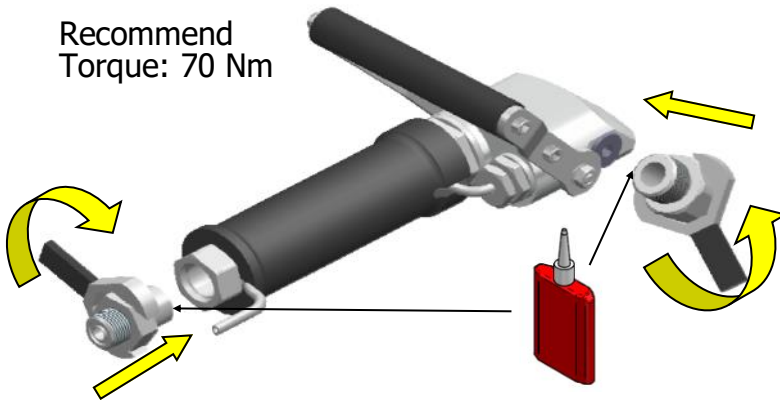


6. Test for leaks before use, place fill valve and nozzle in bucket of water with valve open and look for bubbles. Use snoop or soapy water for unsubmerged connections. Wait 24h before leak test to allow Loctite to dry.


CAUTION
When testing the valve, ensure the valve is held securely and opened slowly for the first time after servicing. If any leakage occurs then stop test and do not use nozzle. Contact Oasis for help.

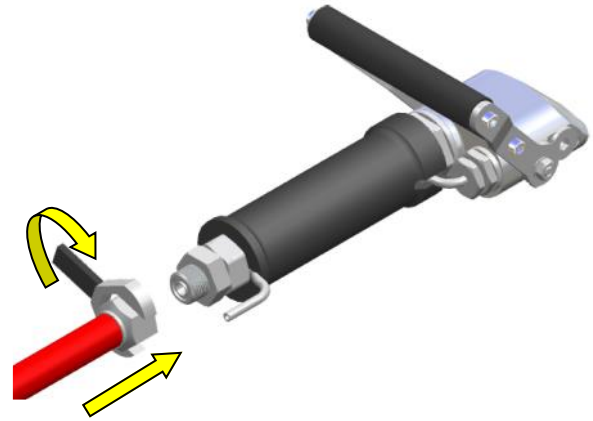


1. Apply thread locker to hose fittings and body fittings. Torque to 70 Nm.

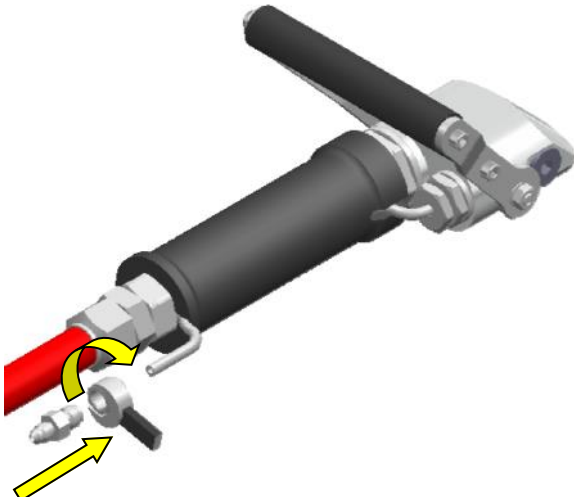


Recommend
Torque: 70 Nm

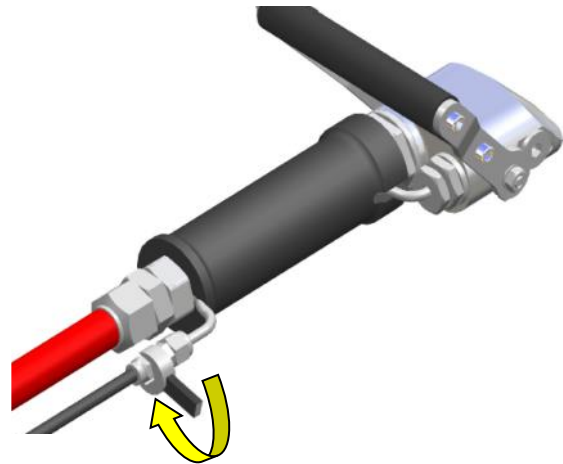
2. Connect fill hose as per manufacturers instructions.



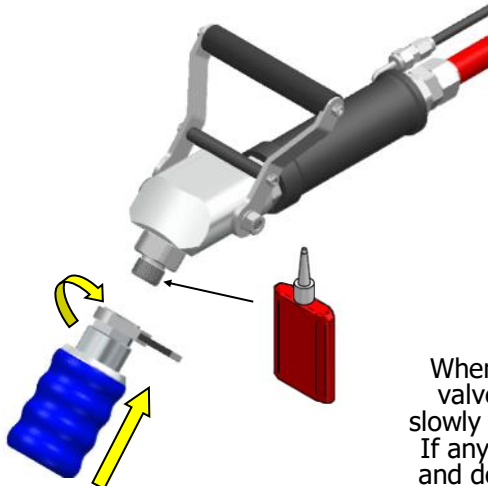
3. Attach vent fitting and tighten to manufacturers instructions.



4. Tighten vent fitting and hose to the manufacturers instructions.



5. Attach nozzle as per manufacturers instructions.

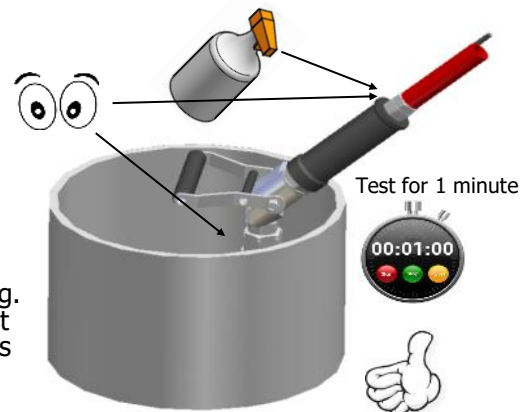


6. Test for leaks before use, place fill valve and nozzle in bucket of water with valve open and look for bubbles. Use snoop or soapy water for unsubmerged connections. Wait 24h before leak test to allow Loctite to dry.



CAUTION

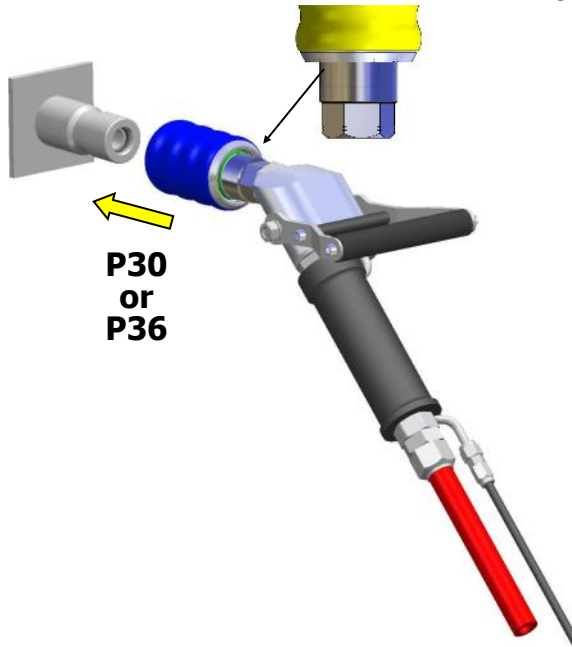
When testing the valve, ensure the valve is held securely and opened slowly for the first time after servicing. If any leakage occurs then stop test and do not use nozzle. Contact Oasis for help.



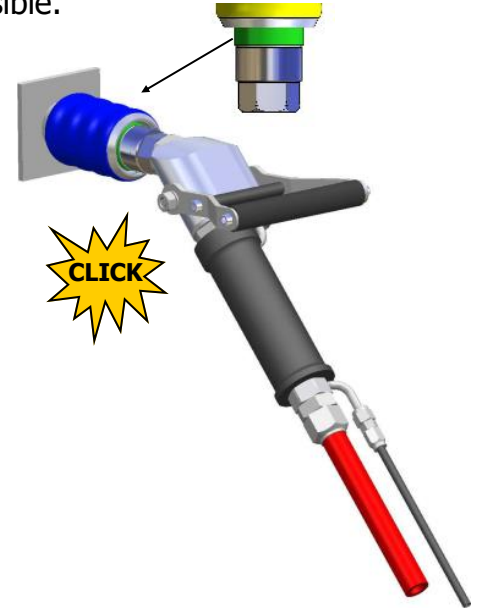
1. Pick up fill valve.



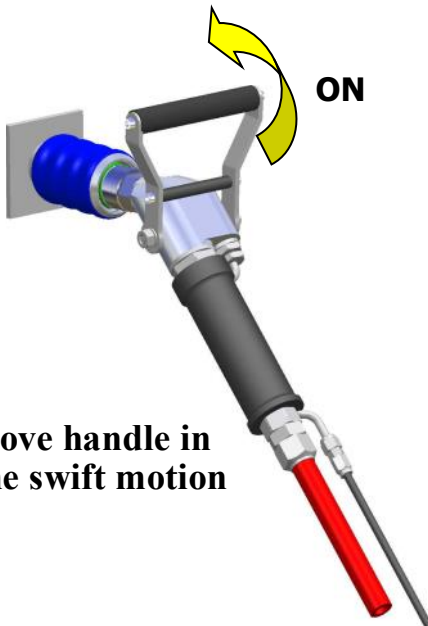
2. Push onto receptacle.



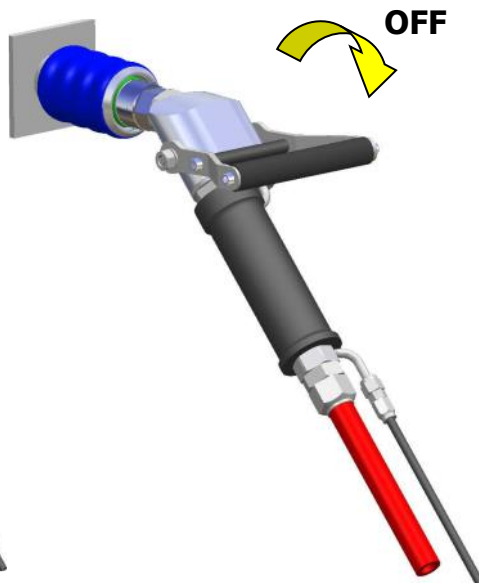
3. The green indication sleeve is visible.



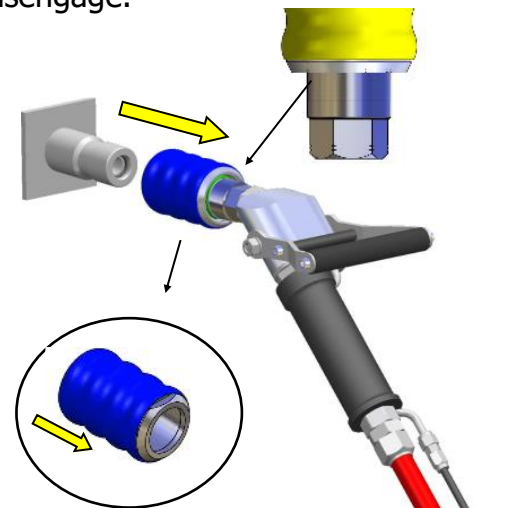
4. Lift up lever.



5. When filling is complete, shut off the lever.



6. Pull nozzle sleeve back to disengage.



**Move handle in
one swift motion**