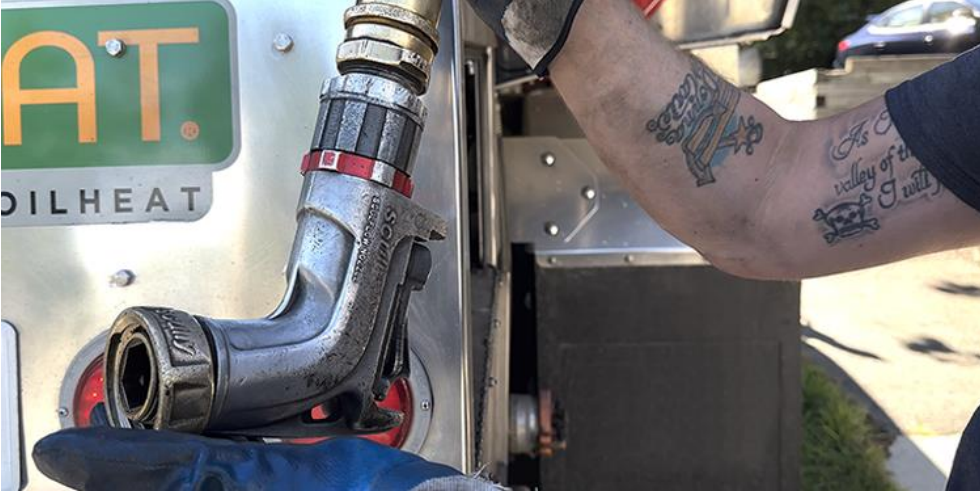


Maintenance & Best Practices

SCULFLOW® DELIVERY NOZZLE EUROPE



NOZZLE BEST PRACTICES



Check the equipment regularly for damage and wear.



Avoid dropping or dragging the nozzle.



The nozzle should be carried from the truck to the site of delivery, and back.



Secure nozzle while driving to and from deliveries.
The use of a nozzle holder is recommended.

ROUTINE INSPECTIONS - WHAT TO CHECK FOR

Handle:

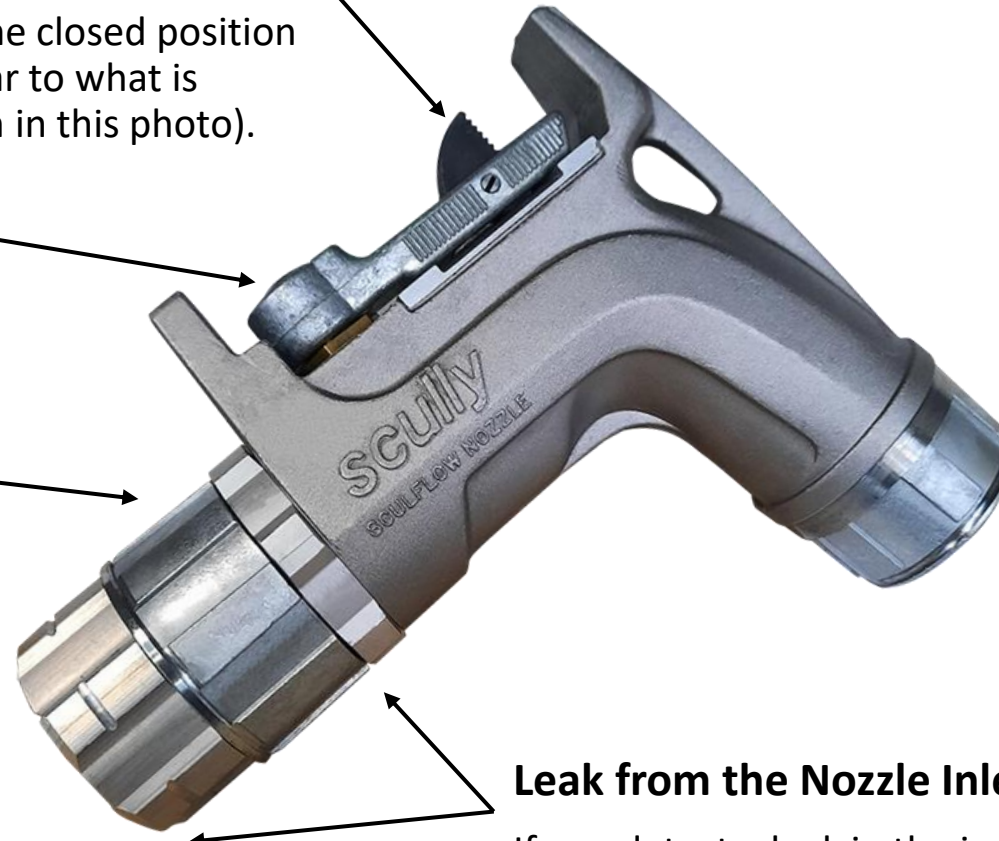
Over time, the handle can become loose or worn-out. Check that it does not feel loose and that it moves consistently from the closed to open position.

Latch & Plate:

Verify the latch locks in place when the handle is in the closed position (similar to what is shown in this photo).

Swivel Wear:

Rotate the nozzle while holding the swivel and feel for inconsistent rotation or friction impacting smooth movement. If the movement is rough or inconsistent, the swivel needs to be replaced.



Leaks from the Nozzle Outlet:

Is it the Anti Drip Valve leaking?

1. If the leak is continuous, overcoming the spring, it is a leak past the ball valve. This would require a complete nozzle rebuild.
2. If the leak is temporary then stops, only the Anti Drip valve needs to be replaced.

Note that in both cases above, the leak should be more than a few droplets.

Leak from the Nozzle Inlet:

If you detect a leak in the input of the nozzle, it can be from one of two places: between the swivel and the hose connection or between the swivel and the nozzle main body. In both cases an O-ring or gasket needs to be replaced.

Scully recommends running these checks daily before starting a delivery run.

SCULFLOW® DELIVERY NOZZLE - EUROPE

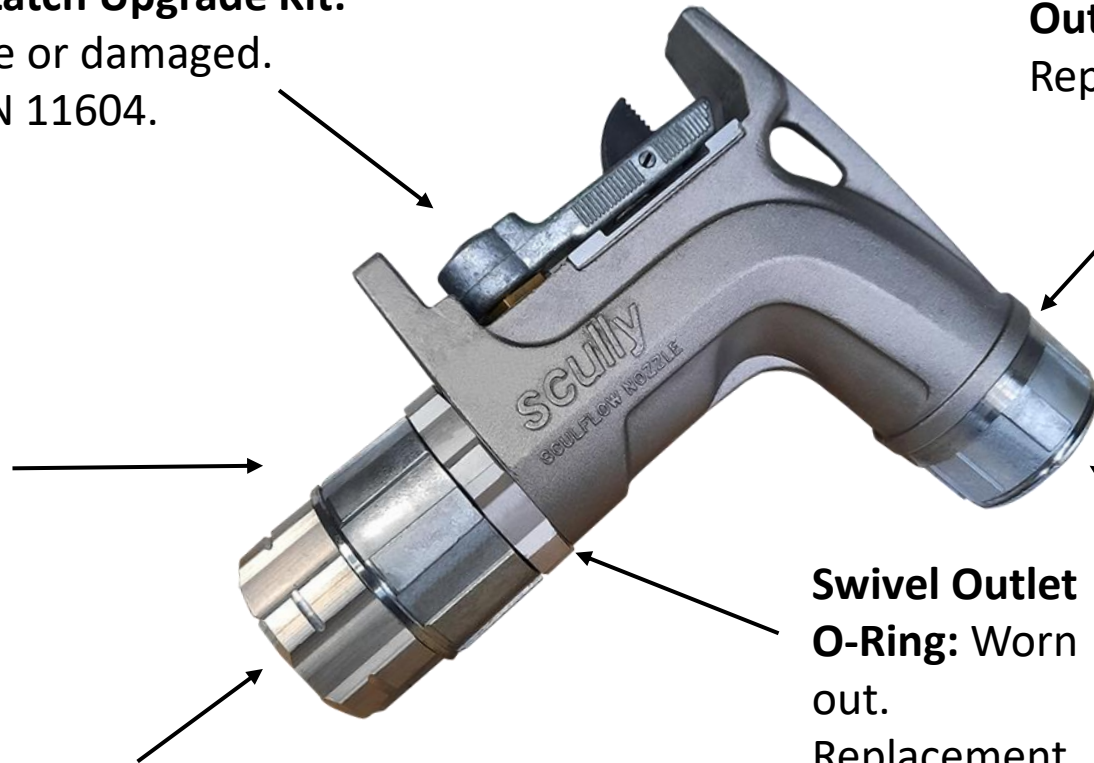
Seal Locations that have Replaceable Kits

Handle w/ Latch Upgrade Kit:

Worn handle or damaged.
Repair kit PN 11604.

Swivel Wear: Including rough rotation or leak, swivel needs to be replaced. It is not a repairable part.
Replacement PN's 05823, 05821, 05876, 05900.

Inlet Gasket: Loose or worn out.
Replacement PN 12145 2.33 OD, 12092 1.86 OD



Outlet O-Ring: Worn out.
Replacement PN 11265

Anti Drip Valve: Consistent leak – Complete nozzle rebuild recommended.
Replacement kit PN 05416

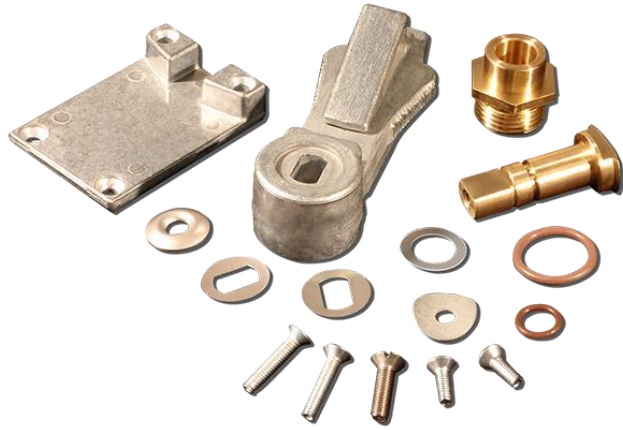
Swivel Outlet O-Ring: Worn out.
Replacement PN 11516

Momentary leak – Anti Drip valve needs to be replaced.
Replacement kit PN 11503

For repair use only Scully supplied parts. Non-Scully parts will affect performance and void the warranty.

*PN = Part Number

SCULFLOW® DELIVERY NOZZLE – REPLACEMENT PARTS



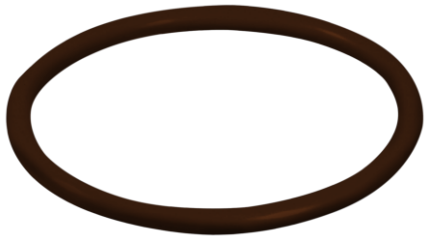
11604 Handle Upgrade Kit



05823, 05821, 05876, 05900
Non-anodized continuity version Swivels



**12092 1.86 OD-
Inlet Gasket**



11516
Swivel Outlet O-Ring



11265
Outlet O-Ring



05416 Nozzle Rebuild Kit



11503 Anti-Drip Valve

Examples of using non-Scully parts and the performance impact - generating leaks

Swivel Inlet – Hose to Swivel - OEM Gasket [PN 12092] vs Aftermarket Gaskets – **Wrong Dimension**

Scully Original Manufacturer Part



Aftermarket Part



Examples of using non-Scully parts and the performance impact - generating leaks

Swivel Outlet –Swivel to Nozzle Body - OEM Gasket [PN 11298] vs Aftermarket **Pinched O-Ring**



Scully Original Manufacturer Part



Aftermarket Part

Examples of using non-Scully parts and the performance impact - generating leaks

Nozzle Body – Anti-Drip Valve - OEM O-Ring [PN 11298] vs Aftermarket **Misaligned** O-Ring

Scully Original Manufacturer Part



Aftermarket Part



Warranty Overview

For detailed mechanical equipment warranty, please review the Scully Signal Company Limited Warranty Registration Card (shipped with every product).

- Nozzle warranty for a period of one year from the date of sale from Scully.
- Peripherals warranty for a period of 90-days from date of installation.
- Warranty only applies if nozzle is used per manufacturer specification per intended applications.
- Warranty will be **void** if nozzle is repaired using parts not provided by Scully.

Disclaimer: Scully is not liable for the workmanship of a repair performed by an external party. The responsibility of the repair is on the company offering this service.