

# Rosemount 2120

## Quick Release Kit



# Overview

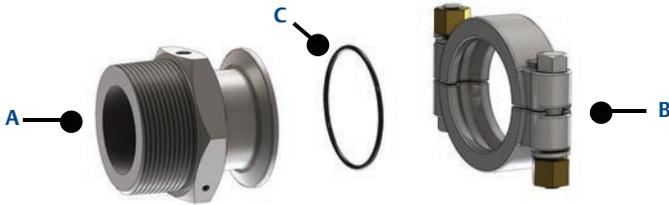
The Quick Release kit is a set of accessories that enables faster fitting and removal of a Rosemount 2100 Series level switch, and makes inspection, proof-testing, and servicing easier than ever. **The kit can be used in process temperatures of: –40 to 212 °F at 870 Psi and –40 to 250 °F at 725 Psi (–40 to 100 °C at 60 Bar and –40 to 121 °C at 50 Bar).**

Quick Release accessories eliminate the need for a second pair of hands, tools, and dis-connection of wires (where this is a safe option). The result is reduced maintenance activities, less activity-related failures (due to less making and breaking of connections and seals), and, therefore, longer production up-time.

## Requirements

- An existing 2-in. NPT hole on the tank
- A Rosemount 2100 Series vibrating fork with 2-in. Tri-clamp option
- A 2100 Series Quick Release kit (Figure 1) containing: Quick Release device (item A), Tri-Clamp (item B), and seal (item C)

**Figure 1. Quick Release kit (part number 02100-1060-0001)**



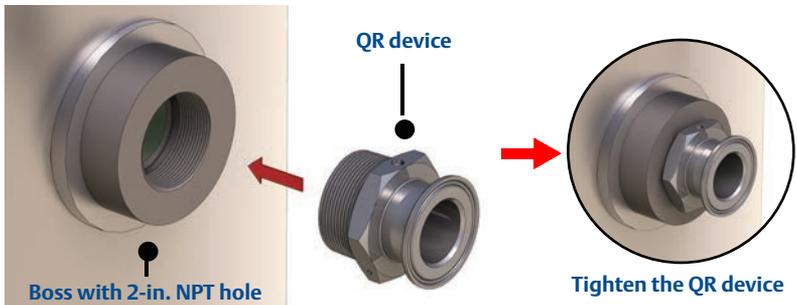
A. Item part number 02100-3125-0001  
B. Item part number 02100-3126-0001

C. Item part number 02100-3127-0001

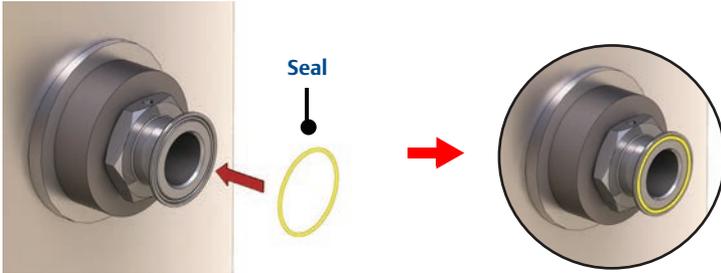
## Fitting procedure

**Caution! Failure to follow these instructions could result in serious injury. Ensure the thread on tank is clean/free from debris before inserting fitting.**

1. Screw the Quick Release (“QR”) device into the 2-in. NPT hole on the tank.

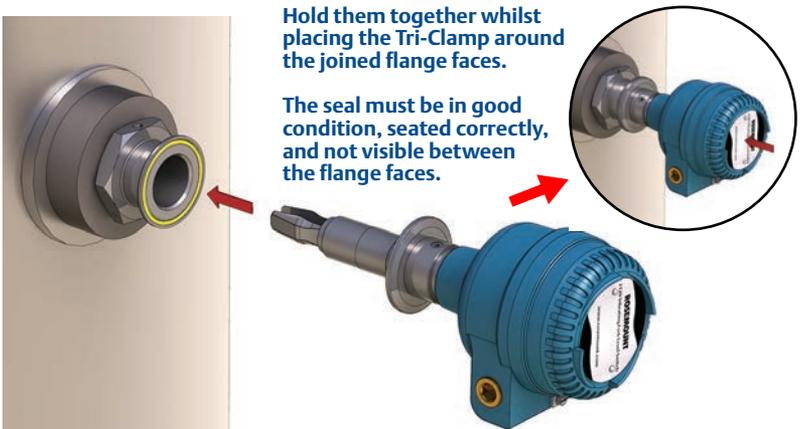


2. Place and hold the seal against the recess of the QR device flange.

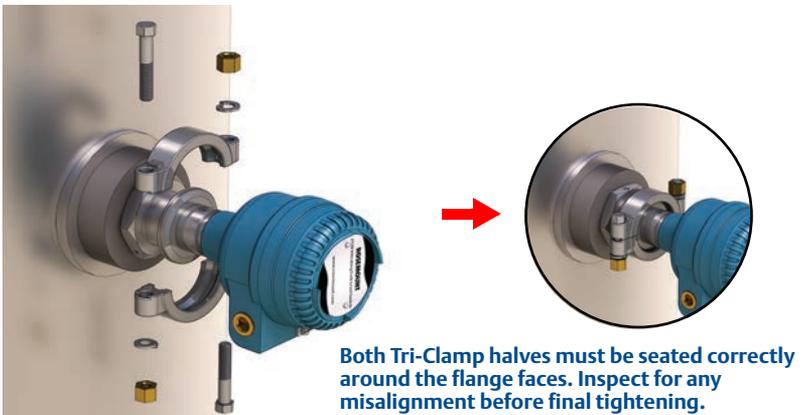


**Alternatively, the seal can be placed and held against the recess on the flange face of the 2120.**

3. Bring the flange face of the vibrating fork to join with the seal and flange face of the QR device.



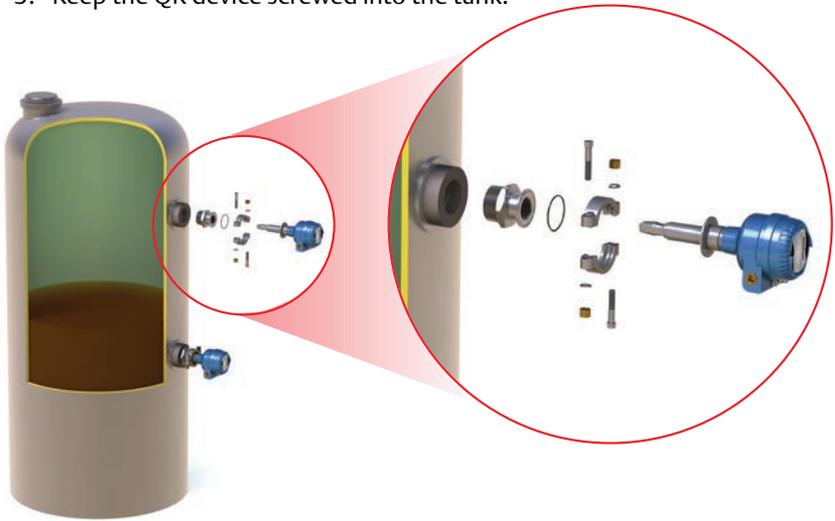
4. Place the Tri-Clamp around the joined flange faces and tighten the bolt(s).



5. Continue with the rest of commissioning.

# Removal procedure

1. **Caution! Ensure the internal and external pressure has equalized before releasing the Tri-Clamp.**
2. When ready to release the vibrating fork from the tank:
  - a. Loosen the Tri-Clamp bolt(s).
  - b. Gently ease the vibrating fork away, keeping hold of the vibrating fork, Tri-Clamp, and seal.
3. Keep the QR device screwed into the tank.



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