

# Installation of the 941B0218-20 RF/ID Nozzle Tag on a VST EVR Nozzle

## Description

This product bulletin will demonstrate the procedure for installing a 941B0218-20 RF/ID Nozzle Tag on VST EVR Enhanced Vapor Recovery System nozzles.

**CAUTION** Don't cut the rubber. Vapor recovery will not function correctly if the Collection Sleeve is punctured.

## Perform the following:

1. The Vapor Collection Assembly consists of all components (Collection Sleeve, Face Seal, and internal components) secured to the nozzle with the Large Band Clamp. Loosen the Large Band Clamp securing the Vapor Collection Assembly to the nozzle. See Figures 1 & 2.

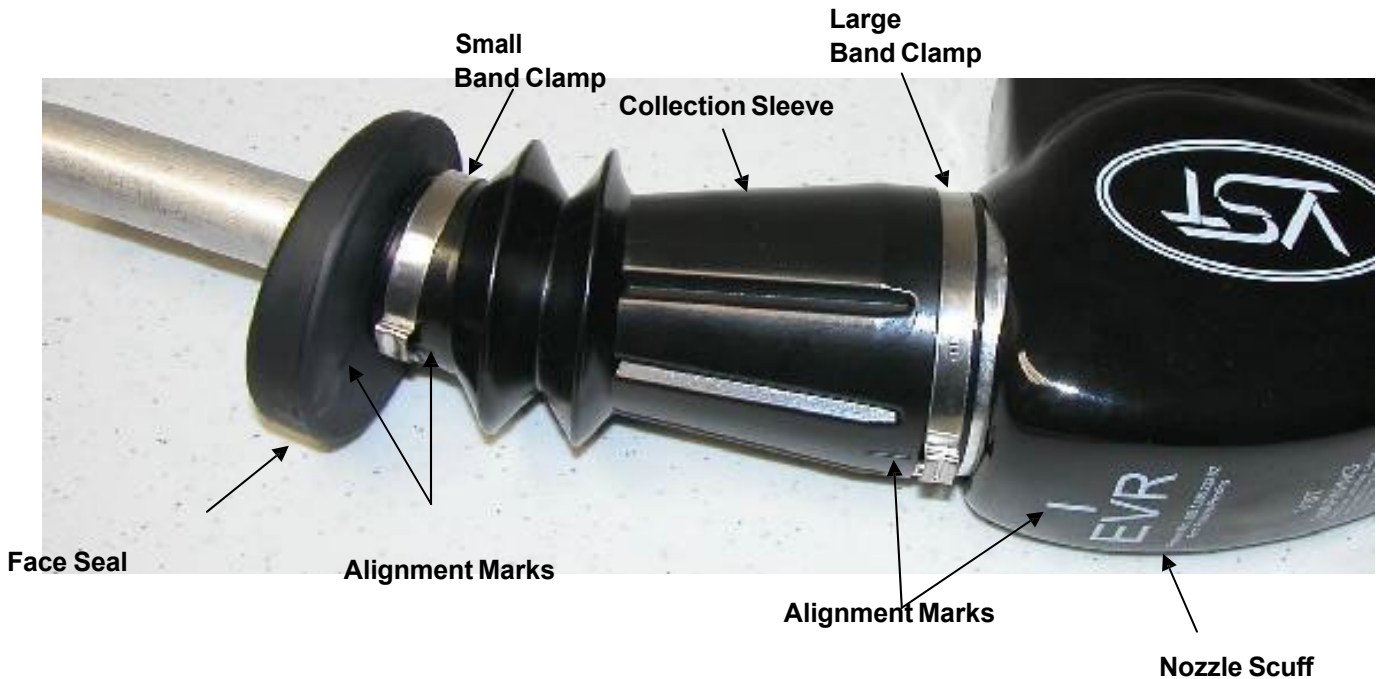


Figure 1



Figure 2

**NOTE** An Interlock Rod extends from the Face Seal to an Interlock Port in the nozzle. When removing the Vapor Collection Assembly, the Interlock Rod can stick in the Interlock Port.

2. See Figure 3. Slide the Large Band Clamp away from the nozzle to a smaller diameter area of the Collection Sleeve. Pull the Collection Sleeve away from the nozzle body. The Interlock Rod is exposed and visible.



Figure 3

**NOTE** Figure 5 shows the Vapor Collection Assembly disassembled. The brass threaded nut attaching the Interlock Rod to the Face Seal may catch on the Latch Ring during the disassembly process.

3. See Figure 4. Carefully remove the Vapor Collection Assembly from the nozzle.



Figure 4

4. See Figure 5. Loosen the Small Band Clamp and remove the Face Seal from the Collection Sleeve.



Figure 5

5. See Figure 6. Position the 941B0218-20 RF/ID Nozzle Tag and a new Small Band Clamp on the Collector Sleeve.
6. See Figure 7. Insert the Interlock Rod into the Collection Sleeve, then insert the Face Seal into the Collection Sleeve. Match the alignment mark on the Face Seal with the alignment mark on the Collection Sleeve.



Figure 6



Figure 7

**NOTE** When re-installing the Vapor Collection Assembly, ensure the Interlock Rod is properly aligned and inserted into the nozzle Interlock Port.

7. See Figure 8. Position a new Large Band Clamp over the Collection Sleeve. Align the Interlock Rod with the Interlock Port in the nozzle, then slide the Collection Sleeve over the clamping surface of the nozzle.



Figure 8

8. Check the alignment marks between the nozzle and Collection Sleeve, and the Face Seal and Collection Sleeve are aligned.
9. Push in and release the Face Seal to verify the Interlock Rod moves freely in the Interlock Port.
10. See Figure 9. Position the Large Band Clamp over the nozzle clamping surface. Using Band Clamp pliers, crimp both Band Clamps tight.



Figure 9. Finished Product

**TIP**

If any questions arise, contact Syntech Systems, Inc.'s Customer Satisfaction Center (CSC) at 1-800-888-9136, ext. 2, or email [support@myfuelmaster.com](mailto:support@myfuelmaster.com).