

Bulletin Category: Service Advisory

Business Unit: Heil

Bulletin Number: SA-26-355

Release Date: 08/12/2026

Affected Products: Commercial & Residential Front End Loaders, Automatic Side Loaders, and Rear End Loaders Equipped with CNG Fuel Systems

To: Heil Dealers, Heil Sales, and Heil Customer Care

Subject: **Compressed Natural Gas (CNG) Tube Fitting Installation**

ISSUE / INFORMATION:

To ensure fittings are sufficiently tightened to prevent potential leaks in the Swagelock joint, use of Swage-lock-specific installation instructions is required.

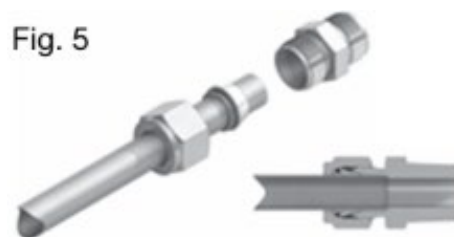
WARNING

CNG units are powered by compressed natural gas, which operates at high pressures. Only individuals properly trained, certified, and qualified on CNG vehicle applications can perform service or repair.

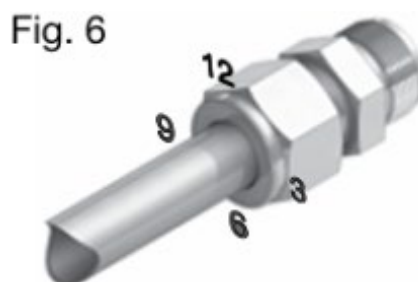
ACTION:

A. CNG Tube Fitting Installation (Swagelock Company, MS-CRD-0110, RevC, August 2021)

1. Insert the tube with preswaged ferrules into the fitting until the front ferrule seats against the fitting body; rotate the nut finger-tight. (Fig. 5)



2. Mark the nut at the 6 o'clock position. (Fig. 6)



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3. While holding the fitting body steady, tighten the nut one-half turn to the 12 o'clock position. (Fig. 7)



Note: If assembling fittings for high-pressure applications or high safety-factor systems, tighten one hex flat further than one-half turn.

B. Gaugeability

On initial installation, the Swagelok gap inspection gauge assures the installer or inspector that a fitting has been sufficiently tightened.

If the nut was tightened additionally during installation (Step 3), use Fig. 8 for gauging; otherwise, use Fig. 9.



Position the Swagelok gap inspection gauge next to the gap between the nut and body. (Fig. 9)

- If the gauge will not enter the gap, the fitting is sufficiently tightened.
- If the gauge enters the gap, additional tightening is required.



If you have any questions regarding the information detailed in this Bulletin, please contact **Heil Technical Service** at **800-528-5308, option 6**.

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