

August 8, 2002

Important Installation Instructions for Hoses

When installing Hose on system, or adding Hoses together, the following instructions are important to follow.

Required Tools:

Wrenches, open-end 5/8", 3/4", 13/16"

1. Lay Hose out straight
2. Couple Hoses together with supplied Union Fittings. Connect Fittings finger-tight.
3. Hold Crimp Fitting hex [3a], 3/4", and Union Fitting [3b], 5/8" together, allowing Hose to hold it's natural line. Place appropriate wrench on Swivel Fitting [3c] (A-side 3/4" wrench, B-side 13/16"). Tighten Swivel to Union, not allowing Crimp Fitting or Union to turn. Repeat on opposite side of Union.
(see Fig. 1a and 1b)



Fig 1a

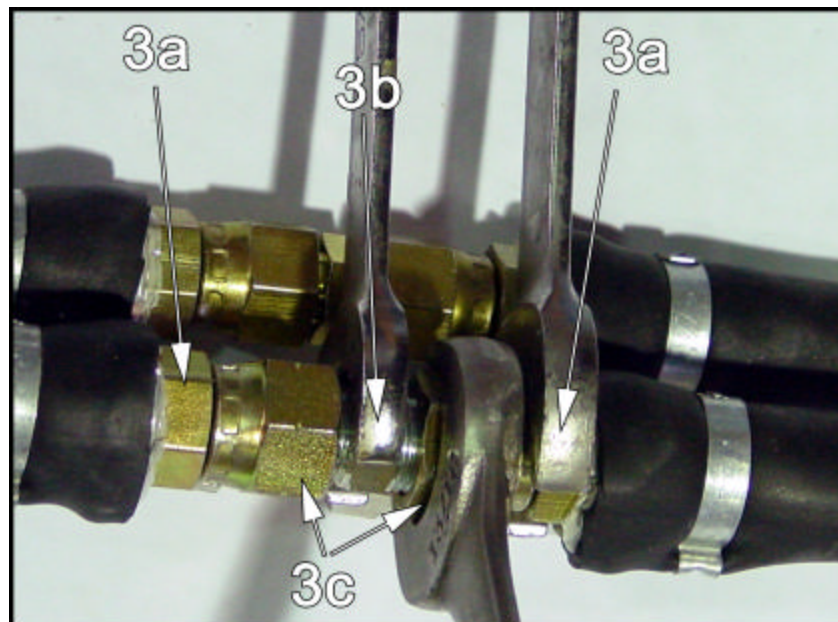


Fig 1b

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This practice is required on all connection points.

Hose @ Machine

Hose @ 19434-00

Hose @ 21165-00 as required

Hose @ Gun

4. At Union connection points, install P/N 21140-01 Hose Sleeve. Tape Sleeve to Hose (see Fig. 2). Continue wrapping Sleeve to connected Hose.



Fig 2