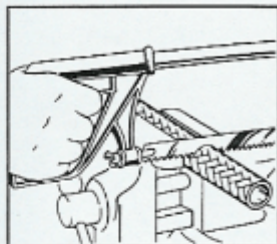


## HOSE AND REUSABLE FITTINGS

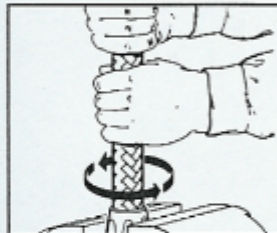
### Mandrel Type Fittings—

Standard reusable fittings with single wire braid, multiple textile braid, hydraulic, refrigeration, LPG hose, engine and air brake hose  
 FC234, FC300, FC321, FC350, FC355, FC558, FC802, 302A, 303, 1503, 1540, 2580, 2651



#### Step 1

Cut hose square with fine-tooth hacksaw or cut-off wheel. Clean hose bore.



#### Step 2

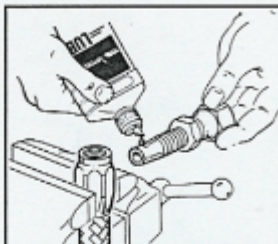
Put socket in vise.

Screw hose counterclockwise into socket until it bottoms.

When assembling long lengths of hose, it may be preferred to put hose in vise just tight enough to prevent from turning, and screw socket onto the hose counterclockwise until it bottoms.

Back off 1/4 turn.

Back off FC300, FC350 and FC355 hose 1/4 to 1/2 turn.



#### Step 3

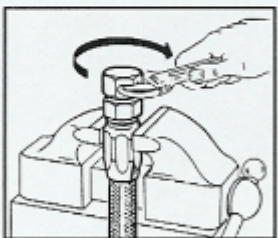
**MALE ENDS:** Push assembly tool into nipple.

**SWIVEL ENDS:** Tighten nipple and nut on assembly tool.

Lubricate nipple, mandrel and inside of hose liberally. Use heavy oil or Aeroquip 222070 hose assembly lube.

Special instructions 1540, FC558 and FC802 hose—use refrigerant grade oil compatible with system refrigerant for lubrication. Refer to page 404. Do not use petroleum based oils.

#### Step 4



**MALE ENDS:** Screw nipple clockwise into socket and hose. Leave a 1/32" to 1/16" clearance between nipple hex and socket.

**SWIVEL ENDS:** Screw nipple clockwise into socket and hose. Leave 1/32" to 1/16" clearance between nut and socket.

Recommendations for cleaning, inspection and testing are summarized on page 410. Disassemble in reverse order.

