

## STEEL REUSABLE END FITTINGS FOR 100R1-AT (SR-SRT1)

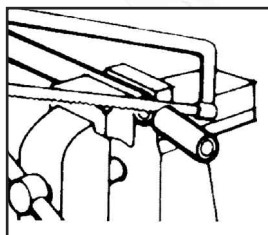
### Applications:

Steel Reusable Hose Ends for use with S.A.E. 100R1-AT (NON-SKIVE) hose. Medium to high pressure service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water.

**Working Temperature:** -40°F to +250°F, -40°C to +121°C

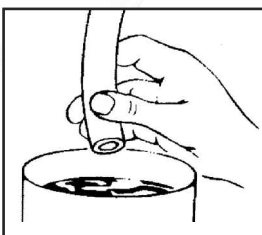
**Working Pressure:** Are hose size dependant.

### ASSEMBLY INSTRUCTIONS FOR NON-SKIVE S.A.E. 100R1, 100R2 & 100R5 STEEL REUSABLE HOSE ENDS



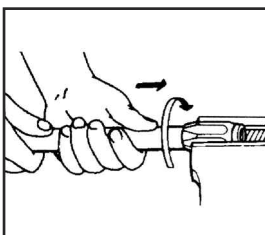
#### STEP 1

Using a fine-toothed saw or cut-off wheel, cut the hose square to the desired length. Clean hose with air pressure to remove dust particles.



#### STEP 2

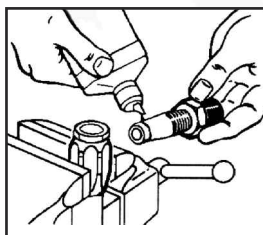
Dip the end of the hose into a lubricant. Use a light viscosity oil (S.A.E. 10 or 20)



#### STEP 3

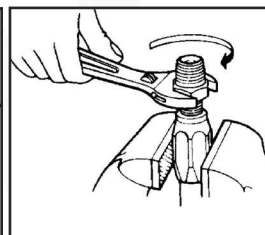
Turn the hose counterclockwise into the socket until the hose bottoms.

**IMPORTANT:** Back the hose off at least 1/2 turn, check to be sure that there is a gap of 1/32" to 1/16" between the hose end and the shoulder on the inside of the socket. Failure to provide this gap may cause cracking of the socket.



#### STEP 4

Dip the nipple end into a lubricant. Refer to step 2. (Light weight oil S.A.E. 10 or 20).



#### STEP 5

Turn the stem clockwise into the hose and socket until the stem hex shoulders against the ferrule.

**CAUTION:** Larger diameter hose is subject to "Neck Down" during cut-off operations. This condition does not allow the nipple to be pushed into the hose. When this happens, that portion of the hose I.D. must be chamfered with a sharp knife, just enough to allow the nipple to be pushed into the hose. Be sure to remove the cut-off rubber from the assembly.