

## Push Connect, 45° and Double Flaring Set parts list:

<b>MC#</b>	<b>Description</b>
71201	Hydra-flare assembly

### Push connect adapters:

71205	5/16" Push Connect adapter
71215	5/16" Push Connect die set
71206	3/8" Push Connect adapter
71216	3/8" Push Connect die set
71204	1/4" Push Connect adapter
71214	1/4" Push Connect die set

### 45° & Double Flaring Adapters:

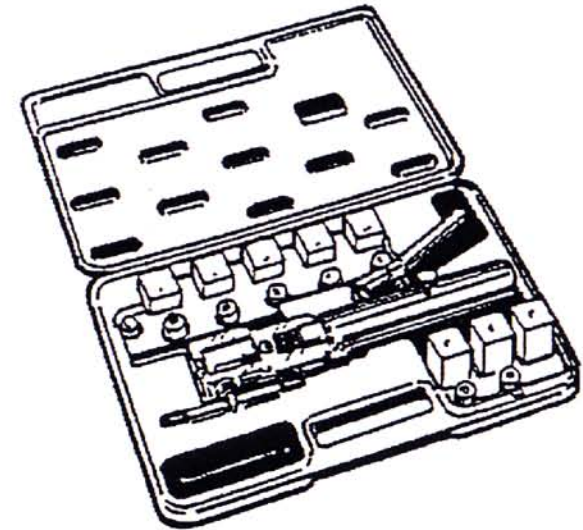
71097-01	45° Cone
71097-03	3/16" Double Flare adapter
71097-13	3/16" Double Flare die set
71097-04	1/4" Double Flare adapter
71097-14	1/4" Double Flare die set
71097-05	5/16" Double Flare adapter
71097-15	5/16" Double Flare die set
71097-06	3/8" Double Flare adapter
71097-16	3/8" Double Flare die set
71097-08	1/2" Double Flare adapter
71097-18	1/2" Double Flare die set



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## User Guide and Parts List

# Push Connect & Double Flaring Set



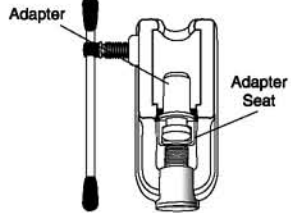
### Pre-operation set-up

- Open the relief valve to fully recess the piston, then close tightly.
- Rotate the yoke fully counter clock-wise to bottom out the adapter seat.
- **READY TO GO!**

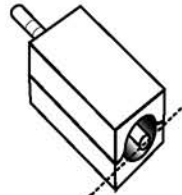
**Warning!** Wear safety goggles when using this tool.

# PUSH CONNECT FLARING INSTRUCTIONS

1) Rotate the yoke fully counter-clockwise. Place the adapter seat onto the end of the piston.

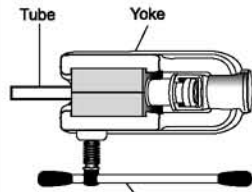


2) Insert the tube between the dies so it is even with the edge as shown.



Tube should be even with die as shown.

3) Insert and tighten the dies and tubing into the yoke. (Important to securely fasten before moving on to step #4.)

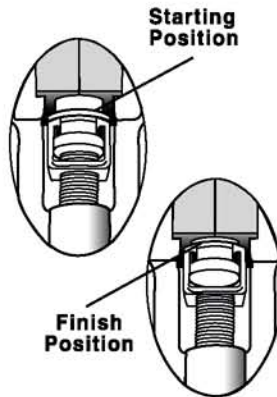


Securely fasten die by turning tightening bar clockwise.

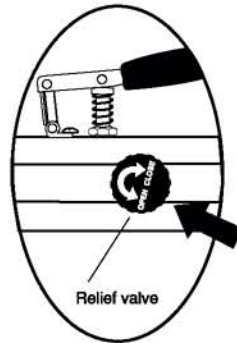
4) Grasp the yoke and rotate the hydraulic cylinder clockwise until it stops. (The adapter should be 3/4 of the way into the die.)



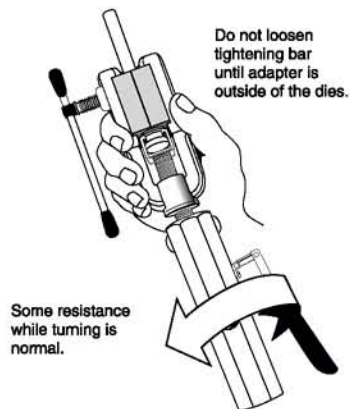
5) Begin squeezing the lever and continue until the edge of the adapter meets the die.



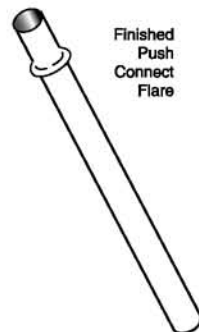
6) Release the pressure by opening the relief valve.



7) Grasp the yoke and rotate the tool counter-clockwise to remove the adapter from the die.

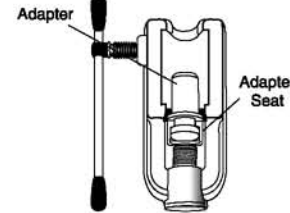


8) Loosen the tightening bar and remove the tube. It should look something like the sketch below.



# DOUBLE FLARING INSTRUCTIONS

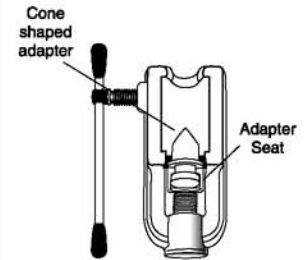
1) Rotate the yoke fully counter-clockwise. Place the MALE adapter onto the adapter seat on the end of the piston.



2) Follow steps 2-7 of push connect flaring instructions.

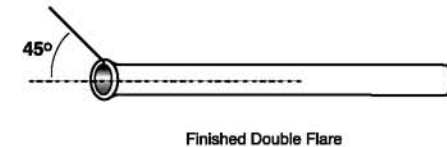
**\*Remember to use the correct die set.**

3) Remove the male adapter and insert the cone shaped adapter onto the adapter seat.



4) Follow steps 4-7 of push connect flaring instructions.

5) Loosen the tightening bar and remove tube. It should look something like the sketch below.



## Trouble Shooting

**The piston does not seem to advance when the lever is pushed.**

- Close the relief valve.
- The hydraulic fluid is too cold. Close the relief valve and pump the lever several times to warm the oil.

**The Push Connect Flare does not seem to be formed correctly**

- After the tubing is positioned in the tool the yoke must be rotated into the die before one begins to squeeze the lever.
- The Tightening Bar must be very tight.

**The tubing is stuck inside the adapter.**

- After flaring, you must rotate the yoke counter-clockwise to pull the adapter out of the tubing. This must be done prior to releasing the tightening bar and attempting to remove the tubing.