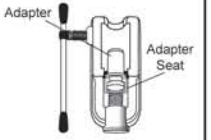
Push Connect, GM Fuel Line Flaring, 45° Double Flaring, and Metric Bubble Flaring Operating Instructions

Pre-operation Set-Up

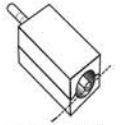
- *Open the relief valve to fully recess the piston, then close tightly.*
- *Rotate the yoke fully counter clock-wise to bottom out the adapter seat.*
- ***WARNING!** Wear safety goggles when using this tool!*
- ***READY TO GO!***

PUSH CONNECT and GM FUEL LINE FLARING INSTRUCTIONS

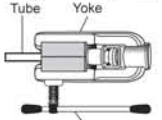
1) Rotate the yoke fully counter-clockwise. Place the adapter onto the adapter seat on the end of the piston.



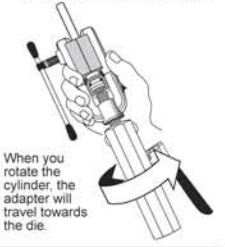
2) Insert the tube between the dies so it is even with the edge as shown.



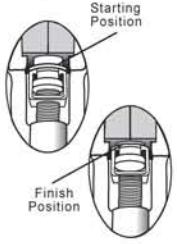
3) Insert and tighten the dies and tubing into the yoke. ***(Important to securely fasten before moving on to step #4.)***



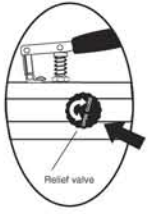
4) Grasp the yoke and rotate the hydraulic cylinder clockwise until it stops. (The adapter should be 3/4 of the way into the die.)



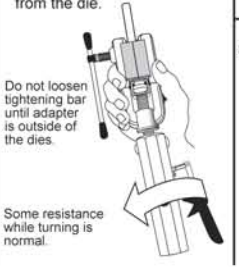
5) Begin squeezing the lever and continue until the edge of the adapter meets the die.



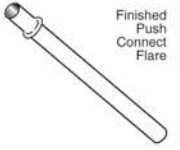
6) Release the pressure by opening the relief valve.



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

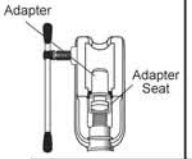


8) Loosen the tightening bar and remove the tube. It should look something like the sketch below.



45° DOUBLE FLARING and METRIC BUBBLE FLARING INSTRUCTIONS

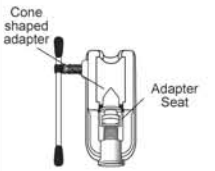
1) Rotate the yoke fully counter-clockwise. Place the **MALE** adapter onto the adapter seat on the end of the piston.



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

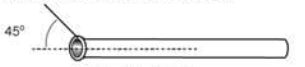
Remember to use the correct die set.

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.



Finished Double Flare

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.*

TECHNICAL ASSISTANCE: Please call...1-888-825-6989

71201	*Description* Hydra-flare assembly

Push Connect Adapter Die Sets

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 Adapter Die Sets

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

GM Fuel Line Adapter Die Sets

71405	5/16"	Adapter
71415	5/16"	Die Set
71406	3/8"	Adapter
71416	3/8"	Die Set

Metric Bubble Flaring Adapter Die Sets

71475-4M	4.75mm Adapter	**71475-14M**	4.75mm Die Set
71475-6M	6mm Adapter	**71475-16M**	6mm Die Set
71475-8M	8mm Adapter	**71475-18M**	8mm Die Set
71475-10M	10mm Adapter	**71475-110M**	10mm Die Set