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Mastercool 72485-PRC Universal Hydraulic Flaring Tool Set



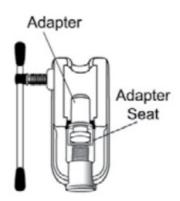
AND WARNING! Wear safety goggles when using this tool.

PRE-OPERATION SET-UP

- Open the relief valve to fully recess the piston, then close it tightly.
- Rotate the yoke fully counter-clockwise to bottom out the adapter seat.

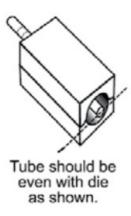
PUSH CONNECT, GM FUEL LINE FLARING, GM TRANSMISSION COOLING LINE INSTRUCTIONS.

1. Rotate the yoke fully counter-clockwise. Place the adapter onto the adapter seat on

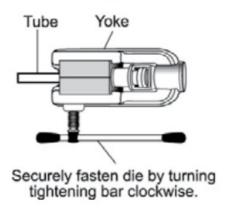


the end of the piston.

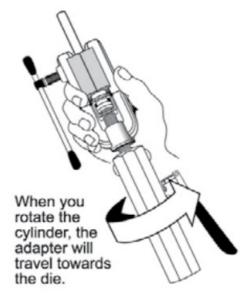
2. Insert the tube between the dies so it is even with the edge as shown.



3. Insert dies and tubing into the yoke using the stabilising lever.

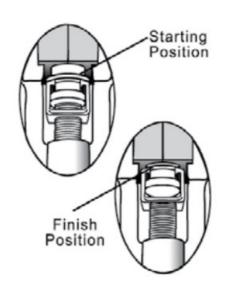


4. Make sure the die and tube are level before tightening. (Important to securely



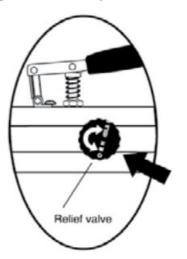
fasten before moving on to step #4)

5. Grasp the yoke and rotate the hydraulic cylinder clockwise until it stops. (The



adapter should engage the die.)

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

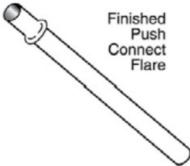


or the pumping action shows substantial resistance.

7. Release the pressure by opening the relief valve.



8. Grasp the yoke and rotate the tool Counter-clockwise to remove the adapter from

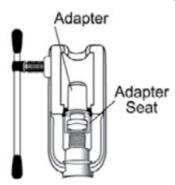


the dice.

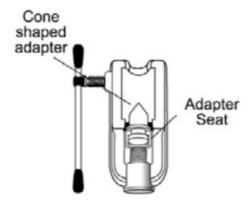
9. Loosen the tightening bar and remove the tube. It should look something like the sketch below.

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. Remember to use the correct die set.

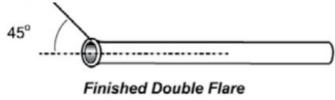


2. Follow steps 2-7 of the push connect flaring instructions. If forming 45° double



flares, continue to step.

- 3. If forming a tri-bubble flare, loosen the "T" Handle and remove the die blocks and tube.
- 4. Remove the male adapter and insert the cone-shaped adapter onto the adapter



seat.

- 5. Follow steps 4-7 of the push-connect flaring instructions
- 6. Loosen the tightening bar and remove the tube. It should look something like the sketch below.

TROUBLESHOOTING

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 before releasing the tightening bar and attempting to remove the tubing.

REPLACEMENT PARTS

Part #	Description	Part #	Description
71202	Hydra-Flare	71097-01	45° Flaring
	Assembly	71097-01	Cone
72485-PB	Plastic Box for		
	72475		

Push Connect Adapter Die Sets

	5/16" Push		5/16" Push
71205	Connect	71215	3/10 Fusii
11200	Adapter		Connect Die Set
	Mapici		

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		
	3/16" Double		3/16" Double

71097-01	45 Cone		
71097-03	3/16" Double	71097-13	3/16" Double
71097-03	Flare Adapter	71097-13	Flare Die Set
71097-04	1/4" Double	71097-14	1/4" Double
71097-04	Flare Adapter	71097-14	Flare Die Set
71097-05	5/16" Double	71097-15	5/16" Double
71097-03	Flare Adapter		Flare Die Set
71097-06	3/8" Double	71097-16	3/8" Double
71097-00	Flare Adapter		Flare Die Set
1/2" Double 71097-08	71097-18	1/2" Double	
11091-00	Flare Adapter	11091-10	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	4.75 mm	71475-14M	4.75 mm Die
7 1475-4W	Adapter		Set
71475-6M	6 mm Adapter	71475-16M	6 mm Die Set
71475-8M	8 mm Adapter	71475-18M	8 mm Die Set
71475-10M	110 mm Adapter	71475-110N	110 mm Die Set

GM Transmission Cooling Line Adapter Die Sets

71099-06	3/8" Adapter	71099-16	3/8" Die Set
71099-08	1/2" Adapter	71099-18	1/2" Die Set

Please note these instructions cover all dies and adapters available. Your model may not include all of the dies and adapters listed. Test Equipment Depot – 800.517.8431 – 5 Commonwealth Ave, MA 01801

TestEquipmentDepot.com

WARNING

This product contains one or more chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Test Equipment Depot – 800.517.8431 – 5 Commonwealth Ave, MA 01801 – TestEquipmentDepot.com

Documents / Resources



Mastercool 72485-PRC Universal Hydraulic Flaring Tool Set [pdf]
Instruction Manual

72485-PRC Universal Hydraulic Flaring Tool Set, 72485-PRC, Universal Hydraulic Flaring Tool Set, Hydraulic Flaring Tool Set, Flaring Tool Set

References

- User Manual
- ■Mastercool ↑72485-PRC, 72485-PRC Universal Hydraulic Flaring Tool Set, Flaring Tool Set, Hydraulic Flaring Tool Set, Mastercool, Universal Hydraulic Flaring Tool Set

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Mastercool 90063-2V-110-BL Black Series Two Stage Deep Vacuum Pump Instruction Manual

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