

installationguide

ZERO-LOSS QUICK-DISCONNECT DIY CONVERSION KIT

from  **ARC-ZONE**
.COM



02
Water Couplers



01
Gas Coupler



02
Water Hose Nipples



01
Gas Hose Nipple



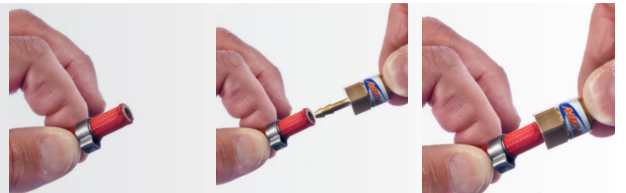
03
Oetiker Clamps

Step# 1



Remove brass water & gas nuts from TIG hoses (2 water & 1 gas). We suggest removing them one at a time so as not to mix the hoses up. With a sharp hose cutter or blade, make a clean square cut on the hose and remove the brass nut & nipple. (after cutting hose, you may want to use a flame to lightly singe the loose overbraid hose material to keep it from unraveling) Save the old nut & nipples!

Step# 2



Slide Oetiker clamp down the hose and insert hose nipple with barbs. Note: You may want to use soapy water to insure the hose pushes up over the barbs & lands firmly against the back of the fitting.

Step# 3



Slide hose clamp over & past the barb area. Clamps should be crimped 1/8" (3.2mm) from the end of the hose to ensure a positive seal. With a pair of side cutters crimp down the side tab on the clamp. Be sure to crimp down completely to assure a proper seal.



Copyright©2019, Arc-Zone.com®, Inc. All Rights Reserved

Arc-Zone.com, Inc.
760-931-1500
sales@arc-zone.com

installationguide

ZERO-LOSS QUICK-DISCONNECT DIY CONVERSION KIT

from  ARC-ZONE[®].COM



02
Water Couplers



01
Gas Coupler



02
Water Hose Nipples



01
Gas Hose Nipple



03
Oetiker Clamps

Step# 4



Thread female quick-disconnect water couplers in finger tight. **WATER** fittings are **left-hand & have notches around the hex area** to signify left hand thread as shown above. Use an 11/16" open end wrench to snug them down. Double wrench as needed and **DO NOT OVER TIGHTEN!** Note: These are compressed gas fittings and require no pipe dope or teflon tape.

Step# 5



Thread female quick-disconnect gas couplers in finger tight. **GAS** fittings are **right-hand**. Use an 11/16" open end wrench to snug them down. Double wrench as needed **DO NOT OVER TIGHTEN!** Note: These are compressed gas fittings and require no pipe dope or teflon tape.

Step# 6



Plug in torch & turn on machine & water-cooler to cycle coolant. We suggest purging the gas for 10 seconds to clear any atmosphere in the gas hose.

Enjoy your new Zero-Loss quick-disconnect TIG torch!



Copyright©2019, Arc-Zone.com®, Inc. All Rights Reserved

Arc-Zone.com, Inc.
760-931-1500
sales@arc-zone.com