



Conversion Kit Instructions

Congratulations.

You are about to install your New Harris Alternate Fuel Conversion Kit.

Contents:

Alternate Fuel Regulator – CGA recommends regulators be specifically designed for the gas being used and one that has not previously been used for another gas service.

“T” Grade Twin Hose – “T” grade hose is compatible with all fuel gases used for oxy-fuel applications. Your current twin hose may have been compatible only with acetylene fuel gas.

Alternate Fuel Cutting Tip – To achieve the maximum performance and value possible from your alternate fuel, use tips specifically designed for the fuel gas you are using. Using tips designed for acetylene will result in poor and inefficient performance.

Instruction Manual – Harris recommends the proper set-up inspection and operating procedures for all Oxy-fuel equipment. Since you are converting to an alternate fuel some procedures may be slightly different from those you have been using for acetylene. Please pay particular attention to using procedures recommended for alternate fuels.

Tip Charts – Safe and efficient operating procedures require the proper tip for the application adjusted to the proper settings. A tip chart has been supplied to help set the included tip and to help select any additional tips you may need.

Harris 6290 & 3690 Tips for “E” or Equal Pressure Torches

Fuel Gas	Part No.	Plate Thickness	Tip Size	Oxygen (PSIG)	Fuel (PSIG)
Propylene	1502156	5/8”-1”	6290-1 NXP	35-50	5-15
Propane	1501230	5/8”-1”	6290-1 NX	35-50	5-15
Propane	1500620	1/2”-1”	3690-1 P	25-45	5

Victor® style Equal Pressure Torches

Fuel Gas	Part No.	Plate Thickness	Tip Size	Oxygen (PSIG)	Fuel (PSIG)
Propylene	1502320	3/4”	1-1-GPP	30-35	4-6