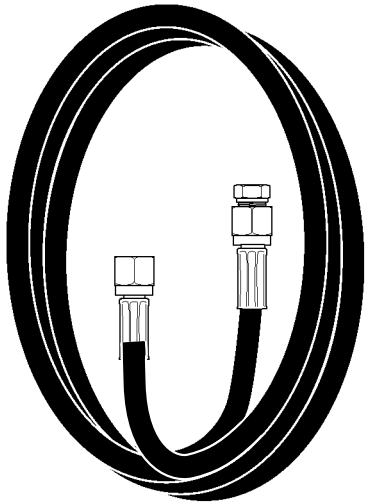
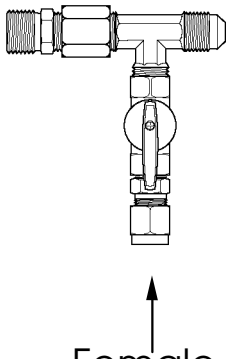
GAS BBQ HOSE KIT FOR PREREGULATED LOW PRESSURE LPG SYSTEMS A10-225



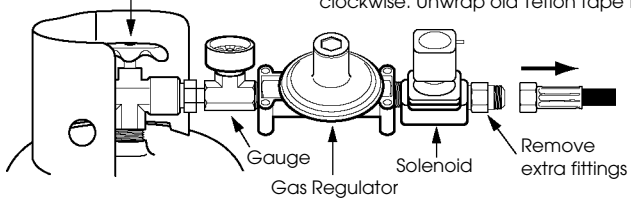


Converts L.P. Gas Grills from small disposable cylinders to the larger refillable cylinders of boat's built-in LPG system. For ***SAFETY*** it is installed on the low pressure (1/2 psi) side, between regulator and appliance L.P. Gas supply line. ***Each kit is fully assembled and 100% Leak Tested. NOTE:*** It must be connected to a manufacturer approved Low Pressure Gas Grill control Valve (such as 1/8" MPT Magma #A10-220, A10-223, A10-224). **MUST** use teflon tape or sealing compound on all pipe thread connectors, but not on 45° flared connections. **For Safety, turn OFF Gas Ball Valve Lever** when gas grill is not in use or when disconnected from LP Gas system.

Installation Instructions

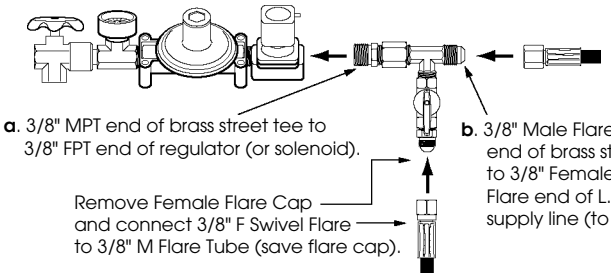
1 Shut off cylinder Valve.

2 Disconnect L.P. Gas supply line to built-in appliance from regulator (or solenoid), by unscrewing counter clockwise. Unwrap old Teflon tape from hoses.

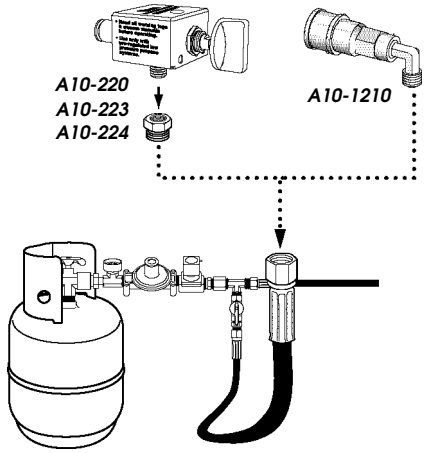


3 Ensure all connections are clean. Connect L.P. Gas Grill Hose Kit between regulator (or solenoid), and L.P. supply line. Wrench tight (clockwise). Remove Female Flare Cap and connect hose (save flare cap).

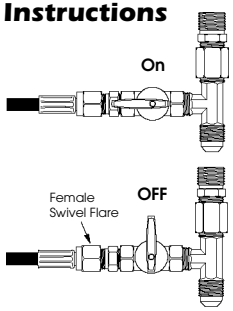
Note: In steps 3 & 4, all male pipe threads must have 2 wraps of unused Teflon tape or thread sealant applied before screwing into opposing female pipe thread in order to prevent gas leaks.



4 Connect 1/8" FPT end of L.P. Gas Grill Hose Kit to 1/8" MPT of low pressure valve (from gas grill mfg.) Wrench tight (clockwise).



Operating Instructions



1. Close low pressure valve at Gas grill.
2. Open cylinder valve.
3. Turn on gas solenoid valve (if installed).
4. Open gas ball valve (lever in line with gas grill hose).
5. Check for gas leaks. (See leak test procedure below).
6. Open low pressure valve at Gas Grill and ignite Grill (see mfg. instructions).
7. When Gas Grill is not in use, close low pressure valve at Gas Grill and close gas ball valve (lever at 90° angle from gas grill hose).
8. For convenience, Gas Grill hose can be stored in LPG cylinder locker by disconnecting low pressure valve from Gas Grill. Complete step 7 first.
9. If you wish to disconnect Gas grill hose from main LP Gas System, unscrew (counter clockwise) female swivel flare (upstream end of hose) from 3/8" male flare and install 3/8" female flare cap. Wrench tight clockwise. **(Do not apply Teflon tape or thread sealant).**

WARNING: USE GAS GRILL ONLY IN OPEN AIR. NEVER INSIDE BOAT OR BUILDING.

Testing Procedure (as per ABYC A-1(9)

Each regulating device shall be fitted with a pressure gauge. The gauge shall be on the cylinder pressure side of the regulating device. The purpose of the gauge is to provide a quick and easy way to test the system for leakage.

It is recommended that this test be made after any emergency, every time the cylinder supply valve is opened for use, and at least every two weeks.

With the appliance valves off, open the cylinder supply valve. Close the cylinder supply valve. Observe the pressure gauge needle. The pressure indicated should remain constant for at least 15 minutes. If any leakage is indicated by a pressure drop, check the entire system with a soapy water or detergent solution. No leakage shall be tolerated, repair before operating system.

NEVER USE FLAME TO CHECK FOR LEAKAGE!

L.P. Gas is the most efficient and fastest growing fuel for marine appliances because it is inexpensive, hot, long lasting, universally available, clean, quiet, and relatively simple to operate. It is also a safe system if the proper components are correctly installed and maintained, if the system is used correctly, and if proper safety precautions are followed. Because L.P. Gas is heavier than air, a leak in the system can allow gas to settle to the bottom of an enclosed compartment where overhead ventilation may be ineffective, and it becomes a fire or explosion hazard. Therefore, extreme caution must be used to prevent, detect, and correct gas leaks. In addition to a leak testing gauge, we recommend the installation of a LPG Leak Detection System (detects a leak, activates alarm, and automatically shuts the gas off at the regulator). We also recommend that the L.P. Gas System be installed and maintained in accordance with ABYC-A-1 (9) "Marine L.P. Gas System Standard", and if ANY doubt exists we recommend that the work be done by a qualified propane specialist.

MAGMA PRODUCTS, INC. ▪ 3940 Pixie Ave. ▪ Lakewood, CA 90712 ▪ Tel: (562) 627-0500
MagmaProducts.com ▪ Mail@MagmaProducts.com