



Hard Plumb Adaptor Kit

Model 1-2060-000

Owner's Guide

IMPORTANT INSTRUCTIONS

1. Be sure to read these instructions completely before beginning assembly or installation.
2. Lomart cannot be responsible for damage caused by careless or improper assembly or installation.
3. Lomart is not affiliated with any professional installers and can assume no responsibility for installation mistakes made by the professional installer.
4. Each hard plumb adaptor kit contains six (6) adaptors and twelve (12) clamps (6 small and 6 large) for connecting 1 1/2" hose barbed fittings to recommended 1 1/2" schedule 40 PVC pipe.
5. The consumer must provide the required schedule 40 PVC pipe, schedule 40 PVC pipe fittings, PVC primer and PVC cement.
6. Follow cement manufacturer's instructions for preparing and cementing joints.
7. Remove burrs and chips from cut pipe sections, and always push pipe sections firmly into adaptors and joints to obtain a full seat.
8. Install the filter and pump a minimum of 4 feet from the pool wall so they may not be used as steps by children.

IMPORTANT: When cementing joints, there are only a few seconds available for adjustments of alignment before the cement sets. Be sure of all lengths and angles before cementing.

PREPARATION

For Existing Installation:

1. Be sure pump/filter system is off. Plug the skimmer and return fitting openings with clean rags to restrict water flow from the pool.
2. Remove existing plumbing (hoses and clamps) from skimmer, return fitting, pump and filter system.
3. Drain the water from your pump and filter system.

For New Installation:

1. Install skimmer and return fitting onto pool wall per manufacturer's assembly instructions.
2. Set filter and pump in place, and install all other pool equipment prior to installation of the hard plumb adaptors. Do not finish filling pool until all plumbing is connected.

INSTALLATION

Step 1...

Slip the small band clamps over the small ends of all six hard plumb adaptors.

Install the small end of the six (6) hard plumb adaptors onto all six equipment "fitting" connections found on the filter, skimmer, return fitting and pump. Tighten all small clamps firmly.

Step 2...

Cut a length of pipe that will lead from the filter's return port. Make sure the length you cut will allow the next section of PVC pipe to clear the filter tank flange (approximately 3 to 8 inches depending on your filter system). Cement this section of pipe into a 90° elbow fitting using a twisting motion until the pipe is fully seated.

Slip a large band clamp over the hard plumb adaptor on the filter's return port. Place the end of the pipe and elbow assembly into the adaptor (push firmly to obtain a full seat). Point the elbow toward the ground to accept the next section of pipe.

Step 3...

Dig a trench approximately 4" - 6" deep between the return fitting on the pool wall and the filter's return port elbow just installed.

Measure the distance from the filter's return port elbow down to the bottom of the trench where the next elbow will be installed (include depth of sockets). Cut a pipe and cement the elbow that will be placed into the trench onto the end of the pipe. Set the other end of pipe into the elbow on the filter's return port, but **DO NOT CEMENT THE PIPE INTO THE FILTER'S RETURN ELBOW YET.** Turn the pipe so that the elbow in the trench is pointing toward the return fitting on the pool wall.

Step 4...

Measure and cut the length of pipe required from the return fitting on the pool wall to an elbow at the bottom of the trench in the same manner. Cement the elbow that will be placed into the trench onto the end of the pipe. Slip a large band clamp over the return fitting adaptor, and insert the top end of the pipe into the return fitting adaptor pushing firmly. Make sure the elbow in the trench is pointing toward the elbow leading from the filter.

Step 5...

Measure between the two elbow fittings in the trench (remember to include socket depth of elbows) and cut and prepare a pipe section.

Cement one end of this pipe into the 90° elbow joint from the return fitting (in the trench). When this has set, remove the pipe from the elbow on the filter's return port.

Cement the other end of the pipe in the trench into the elbow leading up to the filter elbow *insuring the elbow and section of pipe is pointing up towards the filter's return port elbow*. Remember, when cementing joints, there are only a few seconds available for adjustments of alignment before the cement sets.

Now, cement the pipe section into the filter's return port elbow. When satisfied with the alignment of the pipe sections, tighten the large band clamps firmly.

Step 6...

Repeat the pipe section assembly procedure explained in Steps 2,3,4 and 5 for the pipe sections between the filter and pump, and between the pump and skimmer.

Step 7...

Refer to filter manufacturer's instructions for proper start-up. Inspect installation for leaks. Adjust and/or tighten where necessary.

Winterizing (in freezing climates)...

In freezing climates, water must be drained from all PVC pipes to prevent cracking. Disconnect PVC pipes at hard plumb connections; drain water from pipes and store them in a dry place for the following season. Refer to filter, pump and skimmer owner's guides for proper winterizing procedures for those products.

HARD PLUMB ADAPTOR KIT MODEL 1-2060-000 PARTS LIST			
ITEM	P/N	QTY.	DESCRIPTION
1.	387-1023	6	#28 Band Clamp (Sm.)
2.	387-1024	6	#36 Band Clamp (Lg.)
3.	348-1036	6	Hard Plumb Adaptor
4.	365-1673	1	Owner's Guide



Change of Design: Lomart Industries expressly reserves the right to change or modify the design and construction of any product in due course of our manufacturing procedures, without incurring any obligation or liability to furnish or install such changes or modifications on products previously or subsequently sold.

Lomart
LOMART INDUSTRIES
P.O. Box 336 • Fontana, CA 92334
Made in the United States of America