

LIMITED WARRANTY

Lawn Genie warrants to the purchaser of its products for a period of three (3) years from the date of original purchase that any defective product proved to be caused by faulty workmanship or faulty materials, when installed per instructions and used in a normal manner, will be repaired or replaced at Lawn Genie's option at no charge, providing the product is received at the Lawn Genie Factory, or authorized factory service center, with all transportation charges prepaid within three years of the date of original purchase. This warranty does not apply to damages or malfunctions resulting from accidents, misuse or neglect. Lawn Genie will not pay labor or other costs of removal or reinstallation of any so-called defective products.

NO IMPLIED WARRANTIES (INCLUDING BUT NOT LIMITED TO) FITNESS FOR A PARTICULAR PURPOSE, WHERE APPLICABLE, AND MERCHANTABILITY SHALL EXTEND BEYOND THE PERIOD OF THE EXPRESS WARRANTY DESCRIBED ABOVE. IN NO EVENT SHALL LAWN GENIE BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES TO THE PROPERTY WHICH MAY ARISE FROM OR RELATE TO THE PURCHASE OF ANY LAWN GENIE PRODUCT.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so one or both of the above limitations may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To exercise your warranty, send unit, with photocopy of dated receipt, postage prepaid to:



FOR TECHNICAL SUPPORT
P.O. Box 489
Riverside, CA 92502
1-800-231-5117

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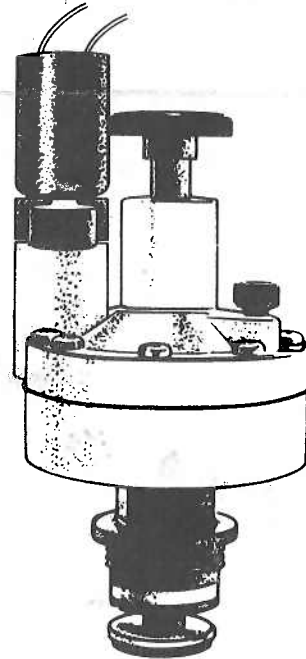
1036201 Rev A

Lawn Genie®

Solenoid Valve Adapter Installation and Operation Guide

► For Models L1034, L1010

► Please read instructions completely before attempting to install or operate valve adapter.



Lawn Genie®

The L1034 (3/4") and the L1010 (1") Lawn Genie series adapters will fit most popular angle and anti-siphon brass valves. Make sure that you have the proper model number for the MAKE and SIZE of the valve that is being converted.

In areas where freezing conditions occur, provisions should be made to drain the system. Use a shut-off valve installed on the main line feeding the sprinkler system. To assure complete drainage of the valve after water supply is shut off, electrically energize each valve for at least a 1-2 minutes. This vents any automatic valve, allowing maximum drainage.

Although the valve is rated at 150 psi, where local water pressure exceeds 80 psi, a pressure regulator should be used (See uniform Plumbing Code, Sec. 1007 (b)). It is advisable to use a regulator with any automatic valve to assure long life, uniform and controllable operation.

Anti-Siphon valves must not be operated continuously for more than twelve (12) hours. (See American Society of Sanitary Engineering Standard 1001, Sec. 1.5.2.4.)

Figure 1 shows a typical combination angle and anti-siphon valve.

- Step 1.** Shut off the water supply and remove valve stem (1) and anti-siphon cover (2), leaving valve body (3) in the system. Refer to figure 2 for insertion of the adapter.
- Step 2.** Check gasket (4), it should not be damaged, then carefully align poppet and poppet guide (5). Install gasket (10) on adapter nut (9) then simultaneously start threads on adapter nut (9) and anti-siphon cover (2) into valve body (3) by hand. Tighten both with moderate torque. The adapter nut (9) will rotate independent of the adapter (6).
- Step 3.** Wiring to the valves can be placed underground alongside the pipes. Run one common wire to each location to serve all the valves at that location. Use 18 gauge, solid wire plastic jacketed thermostat control wire for runs not over 800 feet and 14 gauge over 800 feet. Be sure all splices are soldered or joined with wire nuts and sealed with vinyl cement or other suitable water-proofing cement. This wire is available from your dealer in 2, 3, 4, 5, 6, 7, and 8 color coded wire. Connect solenoid to a controller that uses an approved class 2, 24V transformer as a power source.
- Step 4.** Turn the flow control (8) clockwise until it seats, closing the valve. Turn main water supply on. The valve will remain closed.
- Step 5.** Turn the external manual bleed screw (7) counterclockwise, or turn internal bleed lever (11) counterclockwise. This will allow water to flow through the valve as the flow control is backed out; adjust the flow control for desired flow. Tighten external bleed screw or internal bleed lever and the valve will close within a minute. Remove flow control knob, if desired, to discourage unauthorized adjustment.

Electrical requirements are 18 volts AC minimum at the solenoid.

Inrush volt-amps	@24VAC	11.50 VA
Inrush current	@24VAC	.48 AMPS
Holding volt-amps	@24VAC	5.75 VA
Holding current	@24VAC	.25 AMPS

NOTE: Due to varying regulations, check your local codes.

FIGURE 1

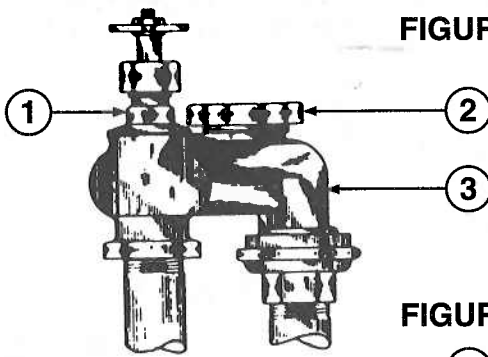
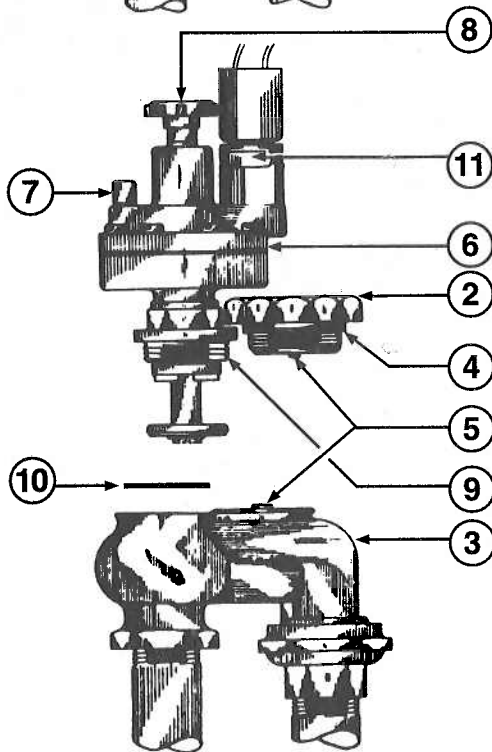


FIGURE 2



AUTOMATIC VALVE ADAPTER REPAIR KITS
L12134 3/4" FITS L1034
L12210 1" FITS L1010