

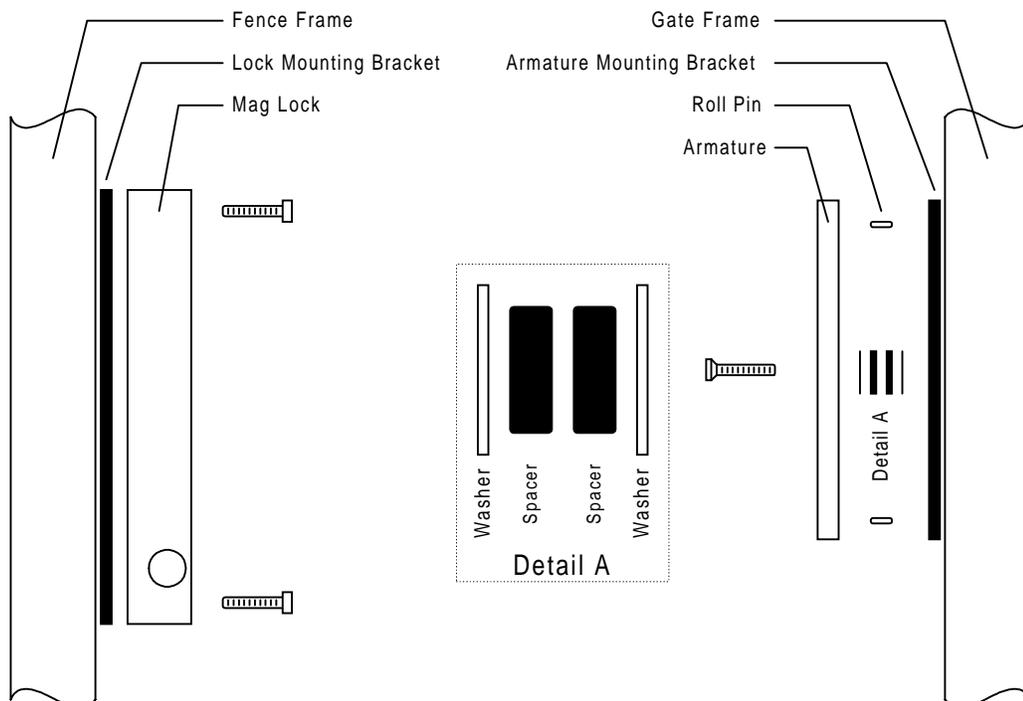


Magnetic Gate Lock Kit (DKGL-S12-1 and DKGL-S12-1L) Installation and Wiring Instructions

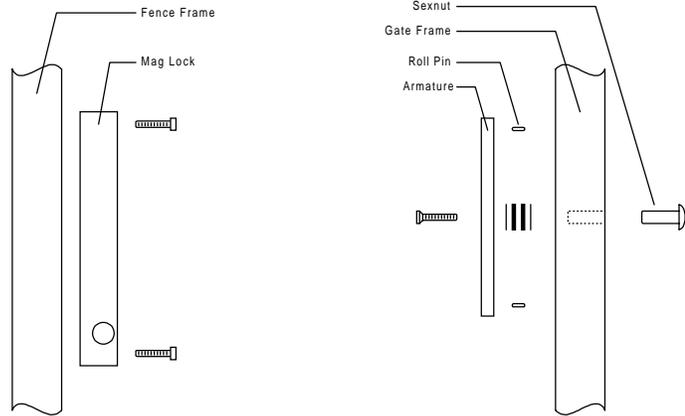
It is essential that the surfaces of the armature (the flat plate) and the magnetic lock seat perfectly to one another when the gate is in the closed position. This is the most critical part of the installation since it allows the lock to achieve its maximum holding strength.

The armature must be securely fastened, but also must pivot about its hardware so as to allow a perfect seat with the magnetic lock. This is critical! When properly installed, there should be a gap of 1/8 to 1/4 inch between the armature and its mounting surface so as to allow the armature to pivot around the stove bolt. The rubber spacer(s) is installed between the two washers supplied to achieve this.

1. Determine the mounting position of the lock and armature plate. The supplied mounting brackets are predrilled and tapped and are designed to be welded directly to the gate and fence. **An optional "L" and "Z" bracket kit (P/N BO3-S12) is available if your installation requires these brackets.**
2. After the mounting brackets are attached, the magnetic lock and armature plate are easily attached to them with the supplied hardware. (The lock kit contains more hardware than is required. The additional hardware is supplied for your convenience and allows you to mount the lock in a variety of different ways)
3. The lock provides 4 tapped conduit holes that will accept a standard 1/2 inch conduit fitting. Determine what hole will be used for the conduit. Use the supplied hole-plugs to seal the un-used holes.



In some applications, the magnetic lock and/or the armature plate can be mounted without using the supplied mounting plates.



WIRING

The gate lock operates on 12 or 24 volt **DC power only**. If DC power is not available, use a 24-volt DC power transformer, P/N 1812-035, or a 12-volt DC power transformer, P/N 1812-037.

Install the supplied MOV across the power supply terminals to protect the magnetic lock from transient voltage spikes. The relay contacts in the DKGL-S12-1L model are rated 1 amp @ 30 Volt maximum.

