

INSTALLATION INSTRUCTIONS

ROUND POST ADAPTOR KIT

MAGNA-LATCH®

- For gate gaps of 1" to 2" [1½" (38mm) is ideal]
- For use on Magna-Latch® Top Pull and Vertical Pull models only.

For gates leading to swimming pools or spas, most Safety Codes specify the following minimum height requirements above the finished ground/fixing surface: **1) Latch release knob 'F'** at minimum 54"-59" (1370-1500mm); **2) Fence height** of between 4' & 6' (1220 & 1830mm). Always confirm these requirements with the appropriate authorities in your area and install this latch in accordance with your local fence/barrier Codes. Also, pool gates must open outward, away from the pool, so this latch must be fitted to the outside of a pool gate.

Tools: Pencil, power drill, ½" (4mm) & ⅜" (5mm) drill-bits, measuring tape, Phillips No.2 driver bit & hand-held screwdriver, ⅝" (8mm) open-ended wrench, hacksaw, and metal file. **Note:** Use highest clutch setting on power drill for pre-drilling and starting screws. Use lower clutch setting to finish securing screws.

ADAPTORS: Fence Post: Mounting Brackets A & B will fit onto 2⅝" (60mm) diameter. Adaptors included for 1⅞"-2" (48-51mm) and 2⅞" (73mm) diameters.

Gate Frame: Mounting bracket G is for 1⅝" (41mm) diameter. Adaptors are included for 1⅜" (35mm) diameter. **NOTE:** When using Adaptors on the Fence Post, be sure to insert the Dress Lugs for added strength before inserting screws into the Mounting Brackets.

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1. Determine the location of Mounting Bracket 'A' on the Fence Post by measuring up from finished ground to the center of Bracket A (see dotted line). For 54" (1370mm) knob height, measure up 36⅞" (925mm); for 59" (1500mm) knob height, measure up 41⅞" (1050mm). Place Mounting Bracket 'A' on the post and be sure the face is in 180° alignment with the fence line (Figure J). Mark the two side-fixing holes using the pencil. Pre-drill using ½" (4mm) drill bit. Insert two 1" (25mm) screws to fix Bracket 'A' to the post. Now pre-drill the two holes on the face of Bracket 'A' and insert two more screws.

2. Install Mounting Bracket 'B' to the Fence Post: Be sure the face is in 180° alignment with the line of the fence (see J), and with the face of Bracket 'A'. **Top Pull:** Measure up from the center of Bracket 'A' 13⅜" (340mm). **NOTE:** For 48" (1200mm) high gates/fences without an extra-high post, this measurement should be 5" (125mm) for 54" (1370mm) Lift Knob height, and 10" (250mm) for 59" (1500mm) knob height. **Vertical Pull:** Measure up 3⅝" (92mm) from Bracket 'A'. Mark the side-fixing hole using the pencil and pre-drill using the ½" (4mm) drill-bit. Insert one of the 1" (25mm) screws. Now do the same to the remaining fixing hole on the face of Bracket 'B'.

3. Take the main LATCH BODY 'C' and slide it down onto the Mounting Bracket 'B', ensuring the rear track of the latch slides over brackets 'B', then 'A'. Slide the Latch Body down until the bottom of the latch aligns neatly with the lower end of Bracket 'A'. Make sure the Lift Knob meets the desired height. Take the single ⅜" (10mm) countersunk Set Screw 'H' and secure the Latch Body to Bracket 'A'. **DO NOT** use power drill – use hand-held screwdriver to fix Set Screw 'H' to Bracket 'A'.

DO NOT over tighten.

4. Assembling STRIKER BODY 'D': Separate the square Mounting Bracket from Striker Body 'D'. Turn the adjustment screw by using the hand-held screwdriver until the two parts separate. **NEVER** use a power drill as this may strip the adjustment screw. Replace with the round Mounting Bracket 'G'.

5. Locate the Striker Body assembly onto the Gate Frame. Allow the Striker Body to engage the latch. Position the Striker Body to obtain a ⅛" (3mm) gap between the lower part of the latch and the top of the Striker Body (Figure E). Mark the Gate Frame drawing a line across the top and side of the Mounting Bracket so you can realign it later. Lift release knob 'F' and remove the Striker body. With the gate open, reposition the Mounting Bracket onto the gate using the two pencil lines. Mark the two holes on the face of the Mounting Bracket with the pencil. You may need to adjust the Striker Body to expose the two holes on the face. Pre-drill using the ⅜" (5mm) drill bit. Drill both holes through the other side of the Gate Frame. Be sure to drill the two holes straight on the diameter and not at an angle. Insert the two 3½" (90mm) bolts through the mounting bracket to the other side of the gate. Insert washers and thread nuts onto the bolts. Hand-tighten the nuts using the ⅝" (8mm) wrench. **DO NOT** over tighten the nuts. Cut off any excess bolt with the hacksaw. File smooth using the metal file.

6. Mark the two holes on the side of Mounting Bracket 'G' and pre-drill using the ½" (4mm) drill bit. Insert the remaining two 1" screws.

7. Use the screwdriver to adjust the Striker Body to align with the Latch Body, as shown in Figure 'E'. Open and close the gate to check that the latch operates correctly. Adjust as necessary at any time after installation to ensure safe operation of the latch. **NOTE:** Future vertical adjustment of the latch can be achieved by removing the Set Screw 'H', sliding the Latch Body up or down the post to obtain correct operational alignment, then inserting the screw into the appropriate hole.

Swimming pool fences, gates and latches can not substitute for adult supervision. If using this latch on a swimming pool gate, consult all appropriate local authorities for safety requirements, especially relating to gate gaps and climbing point. The latch will operate properly only if installed and maintained in accordance with these instructions.

MAINTENANCE: REMOVE KEY FROM LOCK AFTER USE. Do not lubricate the latch with petroleum-based lubricants at any time; use only powdered graphite. Ensure all screws or bolts are tightened firmly and that the release knob [F] and latching bolt are kept free of sand, ice and other debris which could impair latch performance. Grind or remove any protruding fasteners after installation.

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