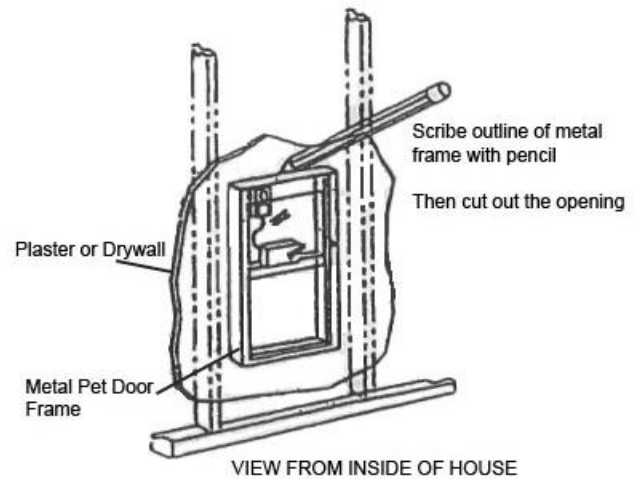# Solo Pet Doors: Wall Installation

Find the best location to install your Solo Pet Door. For large dogs, install the door 4-8 inches above the floor level so that it can easily step through the door with comfort. If you have a small dog and a large dog, compromise: install to suit both pets.

Always install a Solo Pet Door from the *inside* of the house. The BLACK (SMALLER) PLASTIC TRIM WILL MOUNT OUTSIDE. The white fact plastic trim with a switch on it, mounts inside the house or garage. **WHITE TRIM INSIDE – BLACK TRIM OUTSIDE**. You will need a skill saw or keyhole saw to cut out the openings.
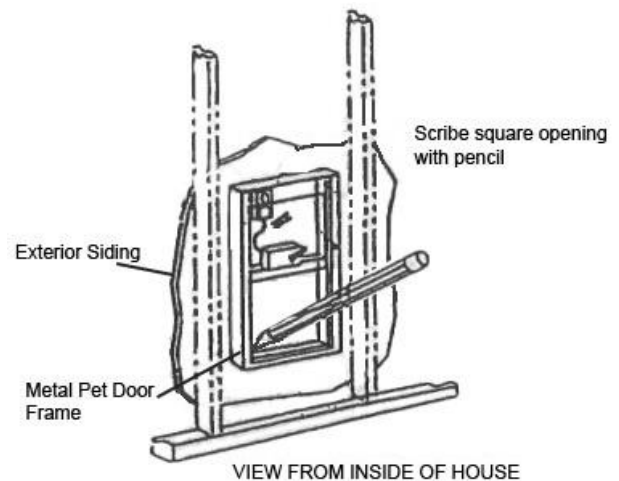
1. TAKE WHITE AND BLACK TRIMS OFF BEFORE INSTALLATION

2. CUT OUT PLASTER BOARD ON INSIDE WALL. The pet door frame will be mounted between the studs. Using a keyhole saw or a power saw that is set for a shallow cut, saw a small inspection hole first. Then with your hand, check for electrical wires. Re-route wires if necessary. Cut the hole to size and temporarily insert the pet door frame into the wall cavity. For the largest pet door (only), one stud may have to be cut away to accommodate the metal frame.
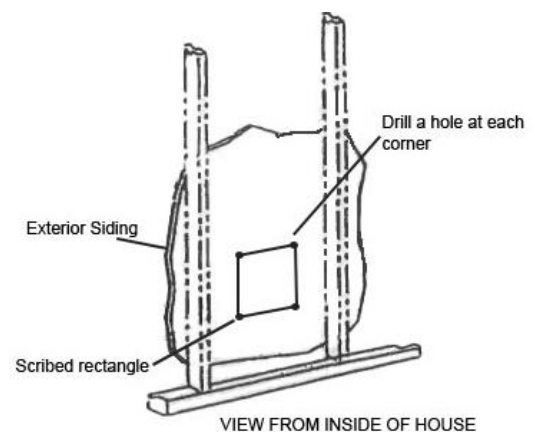

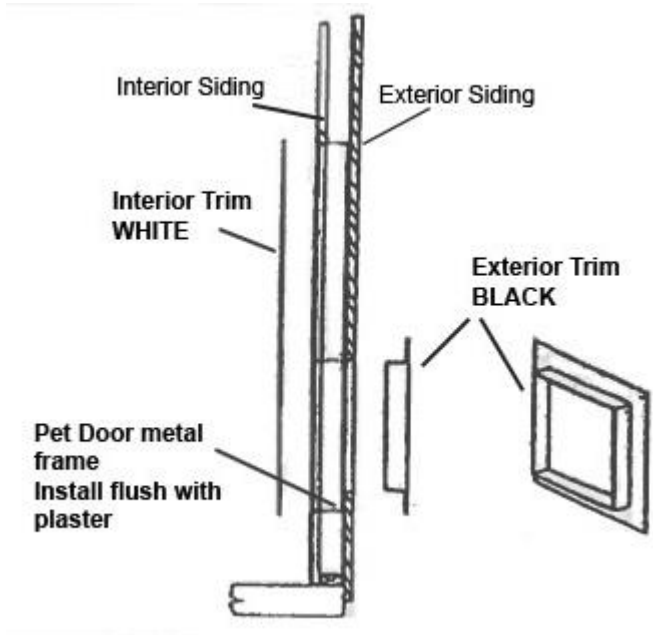3. LOCATE CUT OPENING IN THE OUTSIDE WALL OR SIDING. With the frame in the wall, lift the sliding pet door (Lexan) by pulling on its cable. With a pencil, scribe a rectangle against the interior side of the house siding, following the inside opening of the metal frame. This rectangle will become the opening through the outside.
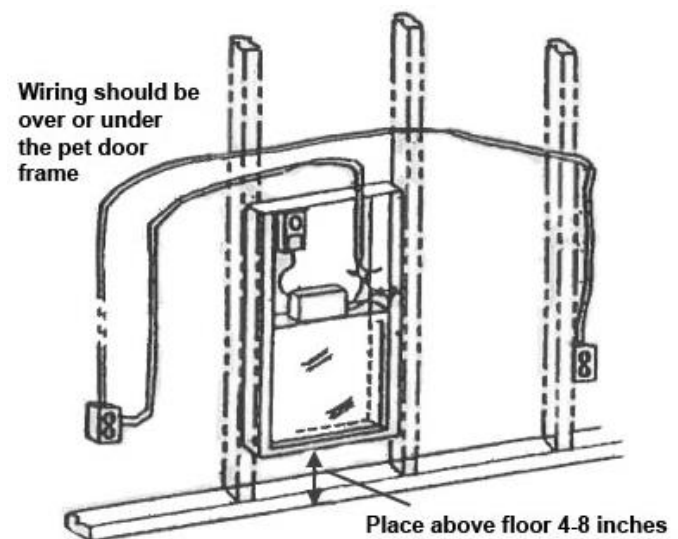

4. CUT EXTERIOR OPENING. Remove pet door frame from wall. Drill four holes through the exterior wall, one at each corner of the opening. Go outside and use a straight edge to mark a similar rectangular opening using the drilled holes as the corners. DRAW BOX OPENING LINES 1/4 " LARGER, so that the black trim will fit smoothly when installed.

5. PET DOOR MOUNTING. Reinstall the pet door frame into the wall opening. The metal frame of the pet door should be flush with the plaster board (or sheet rock). Fasten the metal frame to the wall studs (holes provided).

6. ATTACH EXTERIOR TRIM TO THE FRAME. Insert 4 screws that hold the black trim into the frame and apply sealant around the edges.

Interior Siding

Exterior Siding

Interior Trim
WHITE

Exterior Trim
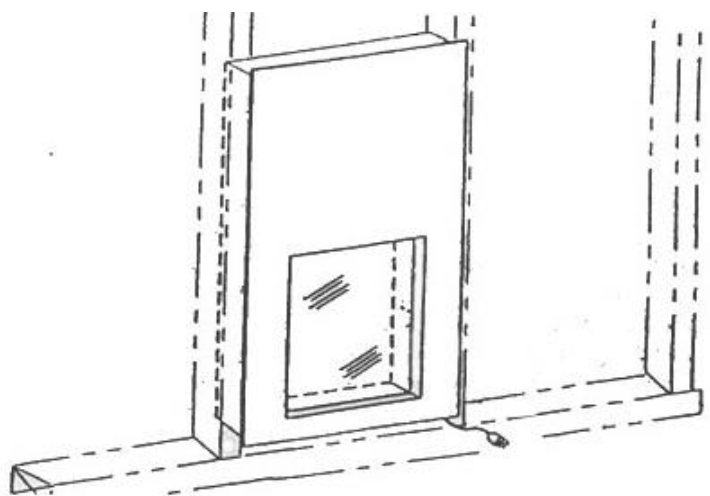BLACK

Pet Door metal
frame
Install flush with
plaster

7. (OPTIONAL) PERMANENT WIRING. NOTE: SHUT OFF POWER FIRST!! If pet door is to be permanently wired into the house wiring, run a conduit (#14 with ground) through the top of the metal pet door frame as shown. The pet door only uses 2 watts of power (20 watts when opening), so it may be wired to the nearest wall outlet electrical box. A separate circuit is unnecessary. Connect ground wire to the metal frame.
NOTE: If the nearest source of 120V, 60-Hz power is connected to a large load such as an air compressor motor or electric hot water heater, then a separate circuit is recommended. This is because the pet door receiver electronics is sensitive to large turn-on or turn-off power surges and to the magnetic field generated by such surges.

Wiring should be over or under the pet door frame

Place above floor 4-8 inches

8. FINAL STEPS. Attach the white interior trim to the metal frame. Plug pet door power cord into a 120V, 60 Hz power receptacle (or turn on circuit breaker if door has been permanently wired). Turn on power switch at the front of the pet door. The door should open and close one time when first turned on.

If your wall is more than 6" wide, you can order a wall extension for thick walls.

Interior

Interior

Exterior