

Planning Your Gate Layout

Determine where you want to install your gate. There are many factors to consider before you install your gate. Area of driveway, distance from road, conditions in and around driveway, type of vehicles entering property etc. Also be sure to factor in the distance for a keypad if installing a keypad mounting post. Some of the terms that will be used in these instructions are defined to the right.

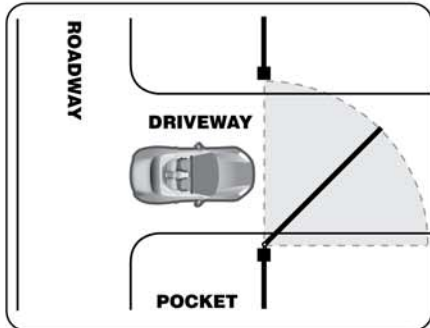
Pocket - The space between the gate and the turn into your driveway.

Squareness - The gate's angle to the driveway. 90°/perpendicular to the driveway is ideal.

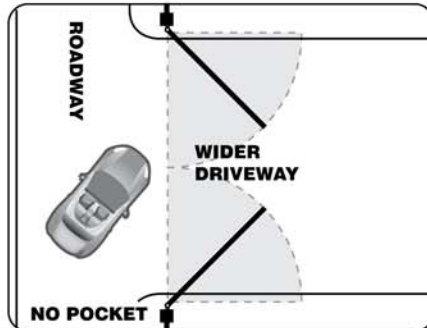
Pull-to-Open / Push-to-Open - If the gate swings in or out from the property. Pull-to-Open is the most desirable but not always possible.

Handing - Which side of driveway to which gate will open. Depends which side of gate has the hinges.

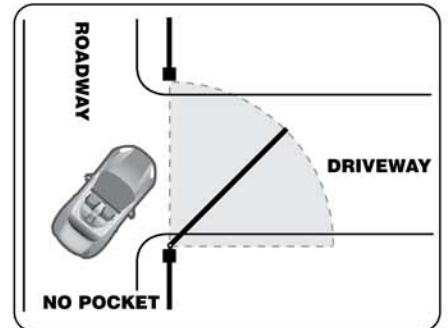
The Pocket



BEST OPTION - Allows you to pull off road while you wait for gate to open.

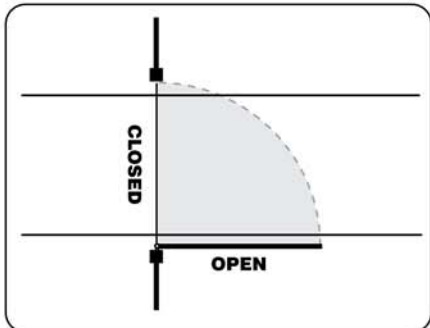


IMPROVED OPTION - Doesn't allow a pocket, but allows larger vehicles (a moving van, etc.) to make the turn into the drive.

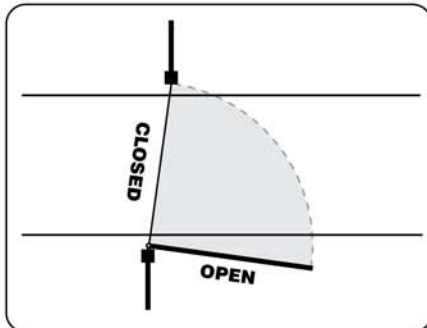


WORST OPTION - Prevents you from pulling off road as you wait for the gate. Prevents larger vehicles from making the turn in.

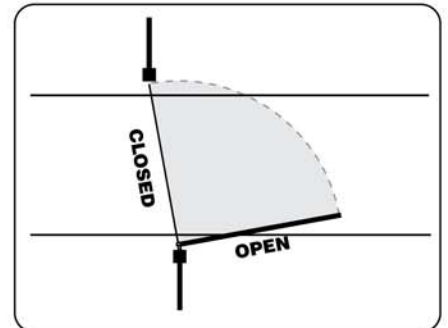
Squareness



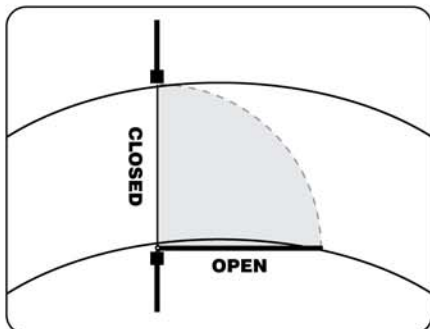
CORRECT - Gate is perpendicular to drive path.



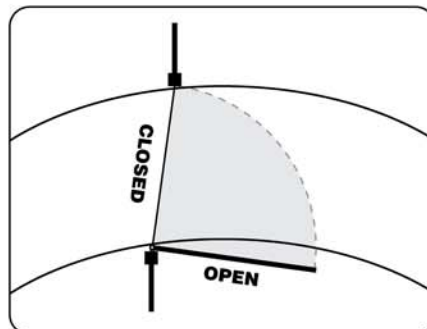
INCORRECT - Gate is not perpendicular to drive path.



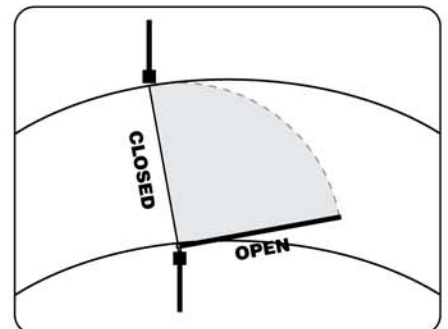
INCORRECT - Gate does not open all the way off of the driveway and runs the risk of being hit by a vehicle.



Curved Driveways Demand Extra Care In Layout.
CORRECT - Gate is perpendicular to drive path.



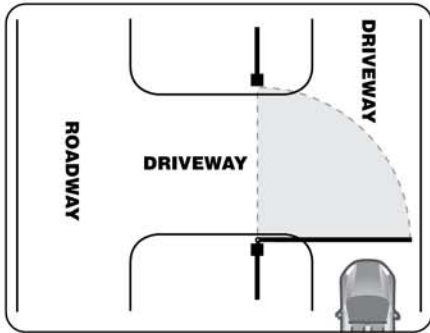
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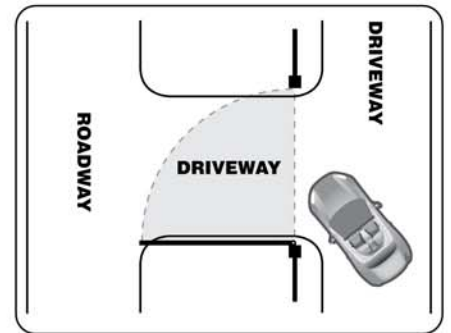
Push-to-Open / Pull-to-Open

The most desirable layout for a swinging gate is to open inward. However, certain driveway conditions can make it necessary to swing a gate outward. In the first case below, a Pull-to-Open gate opens into the drive space.

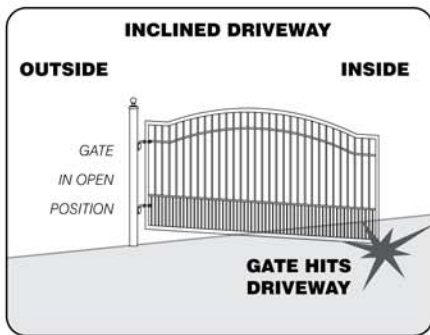


PROBLEM (LEFT) - Pull-to-Open gate opens into the drive space causing a dangerous situation.

SOLUTION (RIGHT) - Install gate as a Push-to-Open gate. Gate opens into the exit area of the driveway. This installation gives the gate plenty of clearance.



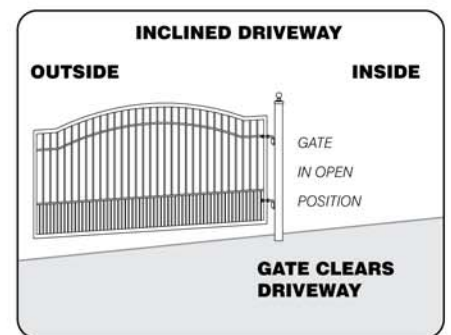
Another condition that may require you to install your gate as Push-to-Open is an inclined driveway. See illustrations below.



Pull-to-Open Installation

PROBLEM (LEFT) - If installed as a Pull-to-Open gate, the gate opens inward and hits the ground.

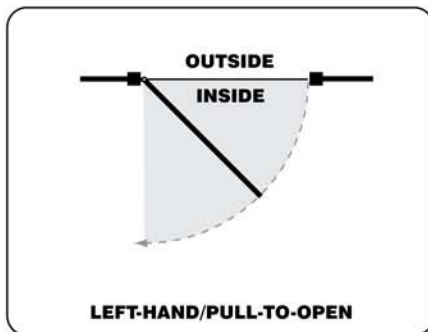
SOLUTION (RIGHT) - Install the gate as a Push-to-Open gate. This gives plenty of clearance to swing over the ground.



Push-to-Open Installation

Handing Your Gate

When standing on the inside of your gate, how will your gate need to open? Look at the four examples below to help you make the right decision.



LEFT-HAND/PULL-TO-OPEN

BEFORE BEGINNING TO INSTALL your gate, thoroughly assess the conditions of your gate site (driveway shape, vehicles entering, space available, sloping ground) and make the necessary decisions.

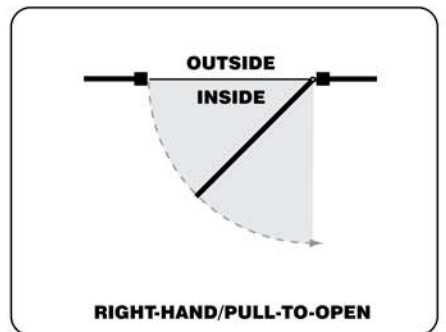
1. Can I and how much space will I allow for a pocket?

2. How will I be sure that the gate is installed perpendicular to the driveway?

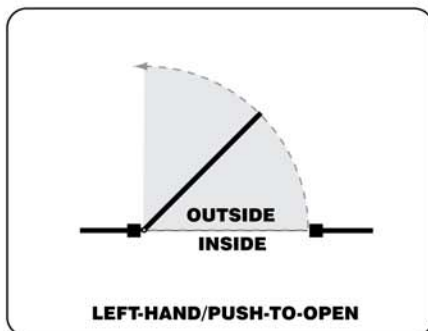
3. Will my gate be a Push-to-Open or a Pull-to-Open installation?

4. How will my gate open, from the left or the right of my driveway?

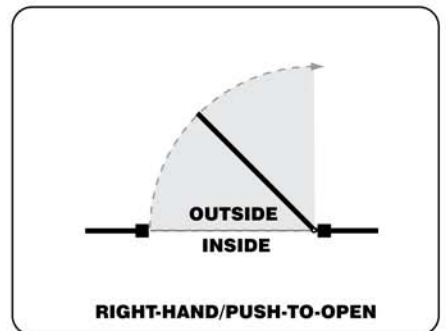
FAILURE TO PLAN ACCORDINGLY CAN RESULT IN POOR INSTALLATION AND PERFORMANCE OF YOUR GATE AND ULTIMATELY COULD REQUIRE REINSTALLATION.



RIGHT-HAND/PULL-TO-OPEN



LEFT-HAND/PUSH-TO-OPEN



RIGHT-HAND/PUSH-TO-OPEN