

## Other products by Designated Parking Corp.

**MySpot™ 200** is a low cost, self-contained, remote controlled barrier. The “200” is **self-powered** and restricts unauthorized access to parking spaces, driveways and access ramps, while providing the convenience of remote control to authorized vehicles.

**MySpot 200** uses a proprietary method of capturing energy from the vehicle’s weight and storing the power to lower and raise the barrier on command. This eliminates the need to connect the device to an electrical power source, or the bulk and cost of batteries with solar panel recharging.



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# Installation Manual

## MySpot™ 30

### Lockable Parking Barrier

#### **Congratulations!**

MySpot 30 rugged construction, careful design and attention to details will provide you with years of service and enjoyment. However, like all things mechanical, proper and careful installation is essential in order for the product to perform as designed.

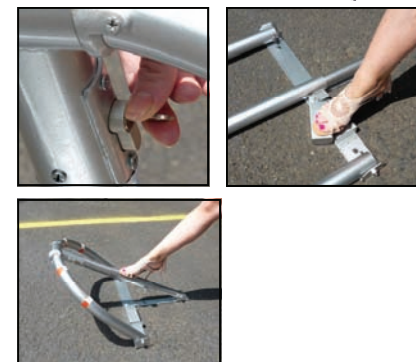


#### **About the MySpot 30:**

The u-shaped barrier is made of 50 mm (2”) steel tubing. The barrier is locked in the upright position with a self-latching Euro Lock. The barrier is latched (but not locked) when it is pushed all the way to the ground, where it is out of the way and allows the car to drive into the parking space.

To release the barrier from its ground latch, a foot operated pedal needs to be pushed. To bring down the barrier to the ground, the barrier is unlocked then pushed with the foot.

The following pages provide instructions for the simple installation of the device.



**WARNING:** The barrier is shipped locked in the down position. Releasing the pedal that holds it down will cause a large force to rotate the barrier. It is best not to move the pedal until the unit has been attached to the ground.



If external damage to the packing is evident, notify the carrier immediately. Shipping damage is not covered by the manufacturer’s warranty.

## 1: Kit Contents

### The MySpot 30 kit contains:

- (1) MySpot 30 barrier, pre-assembled
- (2) 2 keys for lock
- (3) Installation manual

## 2: Tools and Supplies

In addition to the MySpot 30 kit, you will need anchors to attach the barrier assembly to the road surface, and the tools to achieve it.

### Concrete/Masonry mounting:

We recommend using 5 concrete anchors that accept 8 mm (5/16") bolts (see note 1 below).

DPC stocks CA6/5 concrete anchor kits which include (5) 10mm anchors, washers, hex-head bolts and a wrench for the bolts.



**WARNING!** Barrier may cause pedestrians or users to trip over it. Please install and provide warning signs accordingly. Note that Public Liability coverage should be in place.

### Asphalt Mounting:

The use of concrete anchors on asphalt is not recommended. The anchors will loosen up *in a matter of days*.

There are "chemical" anchors on the market that in essence rely on an epoxy adhesive to lock an anchor bolt into the surface. Almost all these anchors are threaded males. The threaded part sticks out of the asphalt, and the MySpot 30 base is secured to the anchors with matching nuts. This is a viable solution, as long as the anchors are at least 150 mm (6") long. The drawback of such anchors is that, if the MySpot 30 is removed (for example for seasonal reasons, like snow removal), the bolts stick out and can be damaged or damage cars' tires.

DPC stocks special asphalt anchors (SP-14). These are 350 mm (14") long spikes with a recessed M8 (8 mm) thread on top. The standard anchor set SP14/7 includes 7 spikes, washers, sacrificial bolts and hex button bolts. The sacrificial bolts are used to hammer the spike into the ground, then they

NOTE 1: Use of larger bolts is not recommended because of the size of the mounting holes in the barrier base (10mm or 3/8"). Drilling holes in concrete for the anchors will invariably shift the holes somewhat, and the oversize hole in the base will accommodate these tolerances.

## Limited Warranty

Except as otherwise provided, Seller warrants for a period of twelve (12) months from the date of shipment that the goods supplied to Buyer shall be of good materials and workmanship. Seller makes no warranty with respect to the following: (a) materials not manufactured by Seller, the use of which is suggested by Seller's general recommendations, application or installation procedures, or otherwise; (b) goods sold by Seller to Buyer for other than resale; (c) goods which have been subject to abuse, accident, alteration, misuse, negligence or alterations; and (d) all display items sold by Seller to Buyer.

THE FOREGOING WARRANTIES ARE EXCLUSIVE, AND IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, WRITTEN OR ORAL WHETHER IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, USE, OR INFRINGEMENT. SELLER DOES NOT ASSUME, NOR AUTHORIZE ANY REPRESENTATIVE OR OTHER PERSON TO ASSUME FOR IT, ANY OBLIGATION OR LIABILITY OTHER THAN AS EXPRESSLY SET FORTH HEREIN.

### Limitation of Remedies.

Seller's obligations under the above warranties (contained in Section 10) are conditioned upon Seller actually receiving notice from Buyer of the alleged defect within the warranty period and the existence of an actual defect in the goods as revealed upon examination by Seller. The sole liability of the Seller for breach of such warranties shall be to provide Buyer with replacement for, or repair of, defective parts in the manner provided herein. This exclusive remedy shall not be deemed to have failed of its essential purposes so long as Seller is willing to repair or replace the defective part(s) in the manner prescribed herein.

Seller shall not be liable for any labor or other expenses incurred by Buyer in the removal, repair or replacement of the goods or any component part claimed to be defective, nor shall Seller be liable for any expenses incurred by the Buyer in order to remedy any defect. Seller's acceptance of shipped goods shall not be deemed an admission that such goods are nonconforming under the above warranties. If the Seller finds that any goods are not defective, such goods will be reshipped to Buyer at its expense and Buyer will be charged for shipping charges incurred by Seller.

Under no circumstances and in no event will the Seller be liable for any personal injury or property damage, loss of profits or revenue, loss of business, consequential, incentive, punitive, special or contingent damages or expenses of any kind incurred by Buyer or any third party, based upon warranty, contract, strict liability, negligence or any other cause of action arising under this Agreement or in connection with the product or services provided hereunder even if the other party or any other person has been advised of the possibility of such damages. The discharge of Seller's warranty obligation hereunder shall constitute fulfillment of all liabilities of Seller to Buyer, whether based on contract, negligence or otherwise. The remedies set forth herein shall be the exclusive remedies available to the Buyer and in lieu of all other remedies, and the liability of Seller, whether in contract, in tort, warranty or otherwise, shall not exceed the price of the goods sold, supplied or furnished by Seller which give rise to the claim.

Any suit or action arising out of or relating to this Agreement or the breach thereof, must be commenced within one (1) year after the date of shipment of the goods to the Buyer. The foregoing shall not limit the time within which any suit or action must be brought to collect an amount agreed to be paid by Buyer or to enforce a judgment in favor of Seller or to collect any amount awarded to Seller.

- Place the barrier over the anchors to make sure that the holes line up. If some holes are off, you may have to drill the base to enlarge the holes.

- Optional step: Apply



1/8" (4mm) thickness of adhesive to the full surface of the bottom of the base.

- Mount the base and secure with washers and bolts to the anchors.
- Use the adhesive to caulk the edge of the base to prevent water entry under the base.

## 4: Test

Test the operation of the barrier. It should latch when pushed to the ground, and release from the latch using the pedal. When rising, the barrier should latch at the top position without assistance.

If the barrier does not rise to the locked position, it is usually caused by a misalignment between the rear base and the front base, cause by misalignment in the anchors.

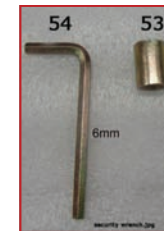
Consult our web site for diagnostics at [www.designatedparking.com/support](http://www.designatedparking.com/support) or contact us by email at [support@designatedparking.com](mailto:support@designatedparking.com)

are discarded and the final bolts are used. The mounted anchor is flush with the ground.

The spike/anchor is shown below with a security bolt which can be purchased separately from DPC. The maximum bolt length that



can be inserted into the anchor is 20mm (0.8") long. The security bolt that will fit this spike is DPC's 41-4010 M8x18mm. You will need socket 51-6202 (53) and M5 L-wrench 51-6204 (54) to be able to use these bolts.



**Adhesive:** When installing on asphalt, for particularly hostile environments, a suitable adhesive can be applied to the base of the MySpot 30 where it contacts the asphalt. The adhesive, in combination with the 5 anchors, will materially enhance the ability of the mounting to withstand medium abuse.

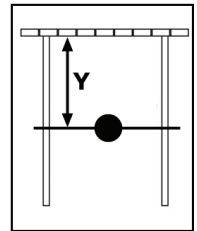
## 3: Site Preparation

### Gravel, Sand

Mounting the MS30 directly to gravel or sand is not recommended, as neither the concrete anchors nor an adhesive will provide adequate grip. A suitable concrete footing needs to be poured.

### Where to place the unit:

MySpot 30 can be positioned in the middle or at the front of the parking bay. In either case, it is installed in the center line lengthwise (half way between the left and the right lines).



**Middle mounting** means that the barrier will stay under the car while the car is parked in the space. The advantages of middle-mounting are:

- Barrier is further removed from dirt and debris pushed from the main access lane
- Cars making J turns are less likely to bump into the raised barrier accidentally
- Cars entering adjacent lanes are less likely to accidentally hit the barrier

When placing the barrier in the middle of the stall, the center line of the device should be about 1.5 meters (5 feet) from the rear of the stall (dimension Y).

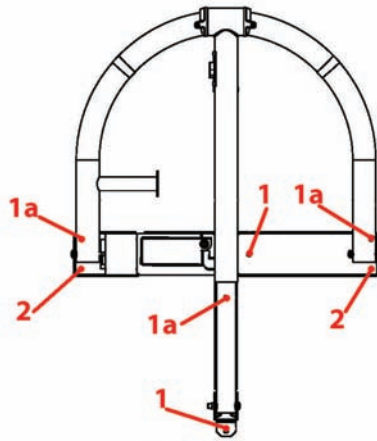
**Front mounting** means that the car drives in and parks *behind* the barrier.

A benefit of front mounting is that the barrier can be used as a **theft deterrent**, raising it with the car parked behind it. The barrier should be installed as close to the front limit of the space as possible, to allow for a large vehicle.

## 4: Installation

1. Thoroughly clean the roadway where the barrier is to be installed. The surface must be free of sand, gravel and loose particles.
2. Remove the MySpot 30 from the carton. **Be particularly careful not to disturb the pedal** that holds the barrier to the base. If the pedal is moved, it will release the barrier and the internal spring will twist the base away from the barrier, potentially hurting you.

3. Place the unit at the desired location, with the barrier facing the entrance to the parking bay and the single rear base facing the rear of the parking bay.
4. Step on the front base with one foot, and hold the barrier down while you push the pedal by hand to release the barrier. The barrier will rise. Be careful when performing this step as the spring that raises the barrier is powerful.



5. Using the unit as a template, mark 5 holes, identified as "1" or "1a" above, to be drilled into the roadway. The holes marked "2" are optional for heavy duty applications or where the roadway is rather soft. The holes marked "1a" can be accessed only when the barrier is raised.

6. Drill 5 1/4" (6mm) pilot holes, 6 mm (1/4") deep, to mark the anchor locations in the roadway.
7. Move the barrier assembly away so that it will not get dusty from the subsequent drilling.
8. Follow the instructions provided with the anchors that you purchased to drill and install the 5 anchors.

### Using DPC's CA6/5 masonry anchors

1. Drill 5 holes using a 10 mm (3/8") masonry drill to a depth of 65 mm (3"). Take extra time to make sure that each hole is right on the spot.
2. Clean the area and gently hammer in the anchors until they are flush with the surface. Cleaning *after* the anchors are installed may cause dirt to clog the threads in the anchor.
3. Using the supplied hex wrench, remove the bolts and the washers from the installed anchors.
4. Place the barrier assembly and line up the 5 holes with the anchors.
5. Place the washers, then the hex bolts into the anchors. Tighten the bolts.

### Using DPC's SP14 Asphalt anchors:

1. You will need an industrial adhesive, such as DPC's EPX1
2. Re-drill the 5 holes using a 5/8" (16mm) drill perpendicular to the ground.
3. Apply the adhesive to the hole, filling it about 50%.
4. Protect the anchors by threading the supplied protective bolts and secure them to the anchors with a wrench.
5. Using a heavy hammer (5 lb. 2.5 Kg), drive the anchors into the ground until the head of the anchor is flush with the asphalt surface.
6. Thoroughly clean the roadway where the barrier is to be installed. The surface must be free of sand, gravel and loose particles.
7. Using the wrench, remove and discard the bolts.

