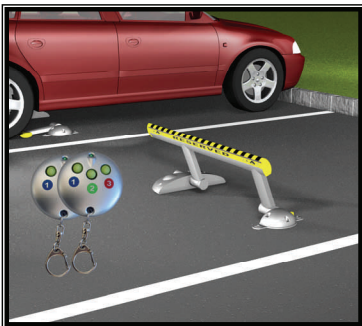


## Other products by Designated Parking Corp.

**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.



10 Ridge Road  
West Orange, NJ 07052-4018  
USA

www.dp-corp.com  
Email Support@dp-corp.com  
Tel +1.973 669-8214  
Fax +1.973 669-5161



Updated December 4, 2007

# Installation Manual

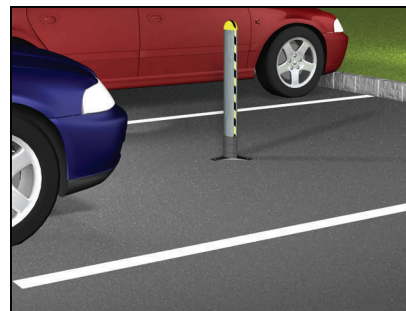
## MySpot™ 120

### Lockable Parking Barrier

#### **Congratulations!**

MySpot 120 rugged construction, careful design and attention to detail 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.

MySpot 120 is installed as shown to block access to a parking space.



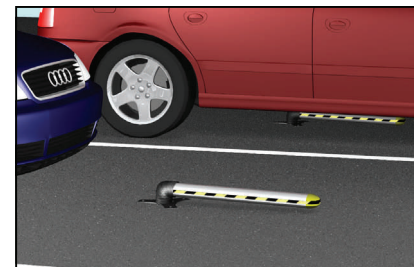
Note that the barrier, when unlocked, is hinged so that it lays towards the back of the parking space.

**Note:** Adhesive for mounting the pods is available as a separate option and is not included in the kits.

#### **Operation:**

The barrier unlocks from the upright position with a key. Bring down the barrier to the ground gently and remove the key. To relock the barrier, pull it up to the upright position. It will lock automatically.

**Warning:** When forcing the locked barrier from its upright position, the barrier will rebound with enough energy that could hurt a person that may stand too closely.



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

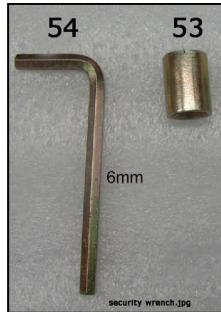
**WARNING!** Barrier may cause pedestrians or users to trip over it. Please install and provide warning signs accordingly. Note that Public Liability coverage should be in place.

## 1: Kit Contents

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

### The MySpot 120 kit contains:

- (1) MySpot 120 barrier, pre-assembled
- (2) 2 keys for lock
- (3) Drill template
- (4) 3 anchor sets (51)
- (5) Security socket 53
- (6) Wrench (54) for socket
- (7) Installation manual



**TOOLS:** Unless you use adhesive, you will need a power drill and a 10 mm (13/32") masonry drill bit for setting concrete anchors into the roadway.

## 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.

## PARTS 01-6420. MySpot 120 kit

| Ref | PN       | Description                            | Note | qty |
|-----|----------|--|------|-----|
| 1   | 51-1210. | Plate, MS120 base mounting             |      | 1   |
| 11  | 51-1212. | Arm for keylock, MS120                 |      | 1   |
| 12  | 51-2846. | Plate, MS120 defense spring support    |      | 1   |
| 13  | 43-1219. | Retaining ring (e-ring) M5, MS120      |      | 1   |
| 14  | 43-0007. | Washer OD-22 ID=8.2 T=1.5mm MS2        |      | 1   |
| 15  | 49-9215. | Spring, Disc OD 1.77" PP Defence       |      | 1   |
| 16  | 51-6304. | Lock pins, MS120                       |      | 1   |
| 17  | 51-6305. | Plug for lower hinge, MS120            |      | 2   |
| 18  | 51-7018. | Tube, PU Spring container, MS120       |      | 1   |
| 19  | 51-7019. | Rod, latch release, MS120              |      | 1   |
| 2   | 51-4016. | Extruded pylon MS120 with secondari    |      | 1   |
| 20  | 51-9221. | Cup, PU spring end MS120               |      | 1   |
| 21  | 53-2002. | Spring, Polyurethane MS120 Defense     |      | 1   |
| 22  | 55-3005. | Pin, lifting latch, MS120              |      | 1   |
| 3   | 51-6303. | Base casting, MS120                    |      | 1   |
| 31  | 71-1063. | Carton, Unit packing MS120 915x365     |      | 1   |
| 32  | 73-4063. | Poly Foam insert Left 150x340x110m     |      | 1   |
| 33  | 73-4064. | Poly Foam insert Right 150x340x110     |      | 1   |
| 4   | 51-6302. | Defense hinge, MS120                   |      | 1   |
| 41  | 43-0005. | Washer M8 x15.5mm T=1mm MS200          |      | 1   |
| 42  | 41-1305. | Screw Security flat head M5 x 10mm     |      | 6   |
| 5   | 51-6301. | Upper Hinge, MS120                     |      | 1   |
| 51  | 03-6270. | Anchor assembly, for MS120             |      | 3   |
| 52  | 71-1065. | Template MS120 mounting                |      | 1   |
| 53  | 51-6202. | Socket, security bolt tool, MS200      |      | 1   |
| 54  | 51-6204. | Wrench, M5 for security bolt tool, MS2 |      | 1   |
| 6   | 04-3052. | Cable assembly, MS120                  |      | 1   |
| 7   | 49-2003. | Lock, MS120                            |      | 1   |
| 8   | 53-0187. | Cap, MS120 pylon                       |      | 1   |
| 9   | 94-1110. | Label, warning MS120 pylon             |      | 1   |

Thursday, October 04, 2007

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## 2: Site Preparation

### Gravel, Sand

Mounting the MS120 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.

### Asphalt

Check the integrity of the asphalt or macadam surface to make sure that the depth and strength are adequate to support mounting anchors. In most cases, the use of a suitable adhesive and/or special anchors is recommended. The use of concrete anchors on asphalt is not practical.

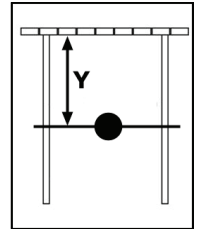
Special asphalt anchors are available from Designated Parking (SP-14). These are 35 cm (14") long spikes with a thread on top that directly accepts the security bolts that are provided in the kit.

## Front or Middle?

MySpot 120 can be positioned in two distinct locations within the parking space – in the middle or at the front. 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 the barrier to rise behind even a large vehicle.

## 3b: Concrete Installation



1. Use the template 52 to mark the location of the 3 anchors. Note that the holes are not on an X-Y axis in reference to the parking space. The printed label on the MS120 post should face forward, towards the entrance to the space.
2. Thoroughly clean the roadway where the plate is to be installed. The surface must be free of sand, gravel and loose particles.
3. Use a 1/4" (6mm) masonry drill to mark the 3 holes in the concrete, and drill through the holes

in the template to a depth of about 1/2" (13mm).

4. Remove the unit and re-drill the holes using a 10 mm (13/32") masonry drill. Take extra time to make sure that each hole is right on the spot.
5. 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.
6. Using the security wrench (53+54), remove the security bolt 51A and the 2 washers.

## 3a: Asphalt Installation

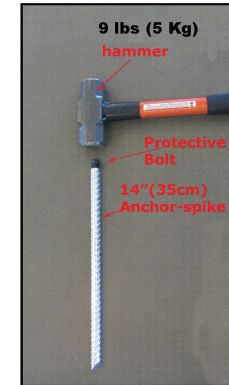
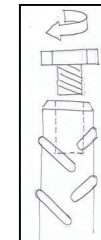
Asphalt offers a relatively weak surface for mounting the MySpot 120. For the most reliable installation pour concrete footing then install concrete anchors for the 3 mounting bolts.

For normal duty applications, the mounting plate can be attached to the surface using a combination of adhesive (DPC EPX1) and special spike-anchors available from DPC (model SP14). An alternate adhesive that can be purchased anywhere is a premium industrial adhesive with polyurethane.



### Installation

1. Use the template 52 to mark the location of the 3 anchors. Note that the holes are not on an X-Y axis in reference to the parking space. The printed label on the MS120 post should face forward, towards the entrance to the space.
2. Drill 5/8" (16mm) holes 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 an-



chor is flush with the asphalt surface.

6. Using the wrench, remove and discard the bolts.
7. Thoroughly clean the roadway where the plate is to be installed. The surface must be free of sand, gravel and loose particles.
8. Place the plate over the anchors to make sure that the holes line up. If some holes are off, you may have to drill the plate.
9. Apply 1/8" (4mm) thickness of adhesive to the full surface of the bottom of the plate.
10. Mount the plate and secure with washers and bolts to the anchors.
11. Use the adhesive to caulk the edge of the plates to prevent water entry under the plates.

