

# **Installation Guide: Commercial Plastic Parking Block**

## **Steel Spike Method:**

Recommended for Asphalt or Gravel surfaces only.

### **Components:**

- Commercial plastic parking blocks
- 12" steel spikes
- High speed hammer drill with 3/8" masonry bit
- Small sledge hammer for driving 12" steel spikes

**STEP 1:** Position the parking block in the desired location and position. Using the pre-drilled holes as a guide, mark the pavement at each hole on the parking block.

**STEP 2:** Remove the parking block. Using a high-speed hammer drill with a 3/8" masonry bit, drill a hole at each marked location:  
a) To avoid fracturing the asphalt with the 12" steel spikes and  
b) To make it easier to drive the 12" steel spikes in during installation

NOTE: If working with either a thin layer of asphalt or a soft substrate, you may want to 'butter' each 12" spike with a small amount of activated epoxy resin immediately before driving the spike in place. This will help hold the parking block flat.

**STEP 3:** Reposition the parking block so that the holes in the product line up vertically with the pilot holes you drilled.

**STEP 4:** Starting with the center hole, use the hammer to drive the 12" steel spike through the parking block until the head of the spike is snug against the counter board holes in the parking block.

**NOTE: DO NOT DRIVE BEYOND "SNUG"!** If driven too far, the spikes or hammer may damage the parking block and will void the warranty.

## **Lag Bolt Method:**

Recommended for Concrete (or older asphalt at least 3" thick):

### **Components:**

- Commercial plastic parking blocks
- Lag Bolts & Anchors
- High speed hammer drill with a  $\frac{3}{4}$ " masonry drill bit
- Impact wrench or heavy ratchet with  $\frac{3}{4}$ " socket

**STEP 1:** Position the parking block in the desired location and position. Using the pre-drilled holes as a guide, mark the pavement at each hole on the parking block.

**STEP 2:** Remove the parking block. Using a high-speed hammer drill with a  $\frac{3}{4}$ " masonry bit, drill a 4" – 4  $\frac{1}{2}$ " deep hole in the concrete at each marked location.

**STEP 3:** Insert a lag anchor into each hole (large anchor opening on top). Tap the anchor into the hole with a hammer so that the anchors are set flush with the surface.

**STEP 4:** Reposition the parking block so the holes in the product line up vertically with the pilot holes you drilled. Beginning with the center hole, apply firm hand pressure. Slip a washer onto a lag bolt, insert the bolt through the hole in the parking block and tighten the bolt about three quarters of the way down with a  $\frac{3}{4}$ " socket.

**STEP 5:** Repeat for each hole in the parking block. Finish tightening each bolt until just snug.

**NOTE: DO NOT OVERTIGHTEN!** Excessive tightening may damage the parking block and will void the warranty.

### **Red-Head™ LDT Fastener Method:**

Recommended for Concrete only.

#### **Components:**

- Commercial plastic parking blocks
- Two (2) 1/2" x 5" Red-Head™ LDT Fasteners
- High speed hammer drill (or appropriate drill) with a 7/16" masonry drill bit
- Impact wrench or heavy ratchet with 3/4" socket

**STEP 1:** Position the parking block in the desired location and position. Using the pre-drilled holes as a guide, mark the pavement at each hole on the parking block.

**STEP 2:** Remove the parking block. Using a high-speed hammer drill with a 7/16" masonry bit, drill a 1.75" deep hole in the concrete at each marked location.

**STEP 3:** Reposition the parking block so the holes in the product line up vertically with the pilot holes you drilled. Insert the LDT bolts through the outer two holes in the parking block and tighten the bolts with a 3/4" socket. Finish tightening each bolt until just snug. **DO NOT OVER TIGHTEN!** Excessive tightening may damage the parking block and void the warranty.