



Wheel Stop Installation Guide

Overview

Enforcer Wheel Stops are designed to improve vehicle positioning, protect surrounding infrastructure, and support safer car park environments.

Correct installation helps prevent vehicles from encroaching into pedestrian areas, landscaped zones, and surrounding structures.

Wheel Stop Range

- [Rubber Wheel Stops](#)

Durable recycled rubber construction suitable for high-use car parks and harsh environments.

- [Plastic Wheel Stops](#)

Lightweight and durable with reflective panels for improved visibility.

- [Poly Wheel Stops](#)

UV-stabilised polyethylene design for general parking applications.

- [Polymer Wheel Stops](#)

High-strength solution for demanding commercial and industrial environments.

Relevant Australian Standards

AS/NZS 2890.1:2004 – Parking Facilities Part 1: Off-Street Car Parking

Wheel stops may be installed where required to control vehicle positioning, prevent overrun, and protect surrounding areas such as pedestrian pathways, kerbs, barriers, and fixed infrastructure.

Key Considerations Include:

- Wheel stops should be used where required to limit vehicle travel within parking spaces.
- Avoid installing wheel stops where they create a hazard for pedestrians accessing vehicles or moving through parking areas.
- Position wheel stops to prevent vehicle encroachment into pedestrian areas, opposing parking spaces, walls, or fixed structures.
- Ensure wheel stops are clearly visible to drivers in their normal driving position.
- Securely fix wheel stops to suit the surface and application.

Wheel Stop Dimensions:

Wheel stops shall be:

- Between 90–100mm in height
- 1650 ±50mm in width

Wheel stop positioning depends on:

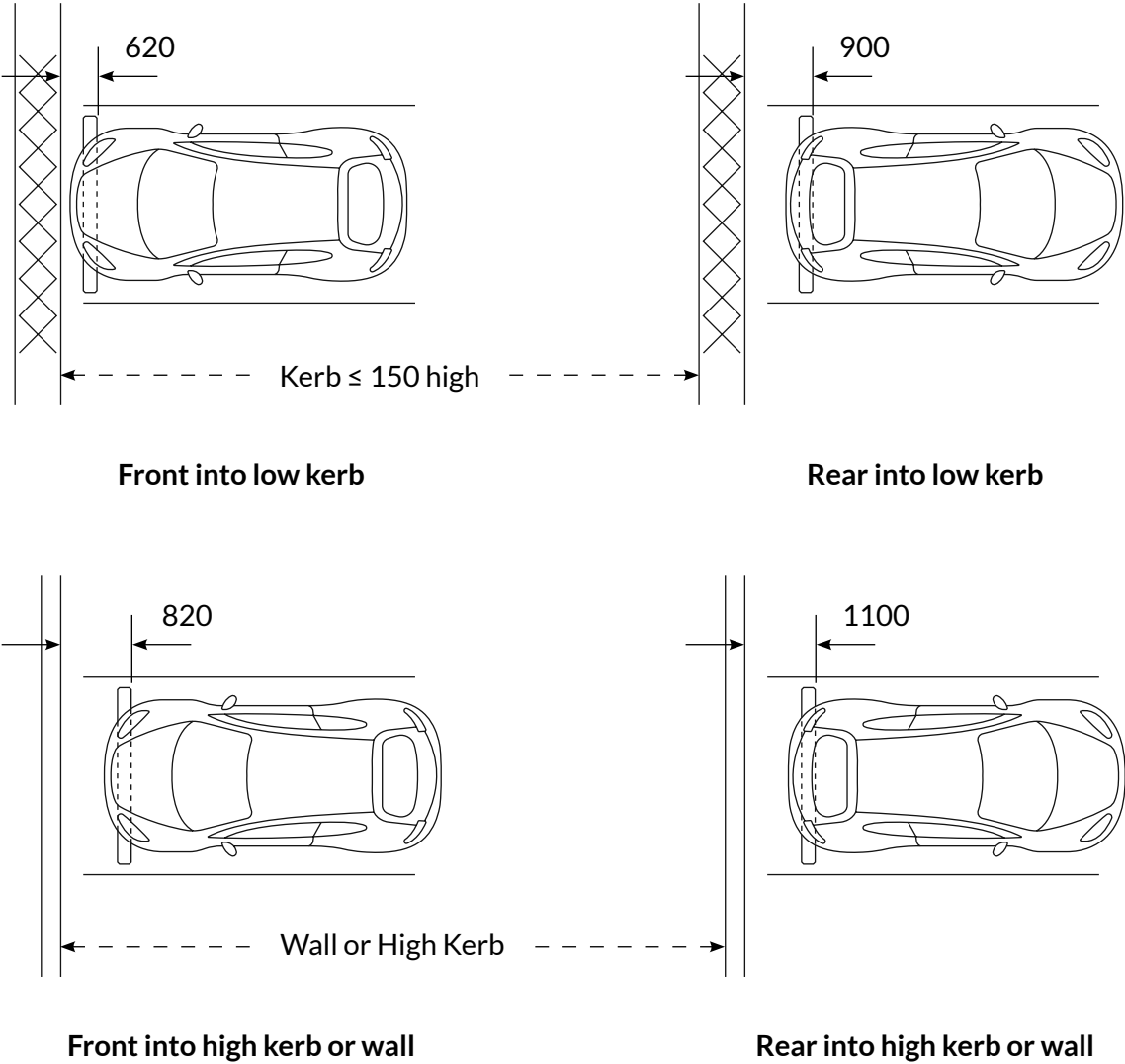
- Parking orientation (front-in or rear-in)
- Adjacent kerbs, walls, or barriers
- Required vehicle clearance

Where wheel stops are used, they should be positioned to control vehicle overrun while maintaining required pedestrian and accessibility clearances.

Relevant Australian Standards

Parking Direction	Wheel stop distance to front of parking space			
	Parking to Kerb ≤ 150 high		Parking to Kerb > 150 high or wall	
	Wheel stop height		Wheel stop height	
	90	100	90	100
Front-in	630	620	830	820
Rear-in	910	900	1110	1100

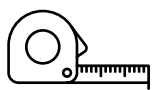
All dimensions are in mm



Wheel stop distances shown in this figure are for 100 mm high wheel stops (see also table above).

Installation Requirements

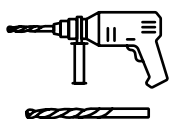
Required Tools



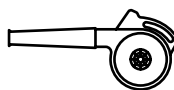
Measuring Tape



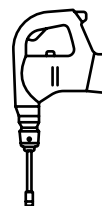
Marking Chalk
or Paint



Suitable Drill &
Drill Bits



Blower



Suitable
Wrench



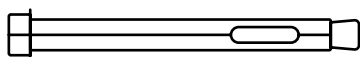
Approrpriate
Surface Fixings

Suitable Fixings

The fixing method will depend on the installation surface. Always use fixings that are suitable for the substrate and site conditions.

Concrete Surfaces

Recommended Fixings:



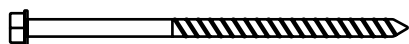
Sleeve Anchor Bolts



Concrete Screw Bolts

Asphalt Surfaces

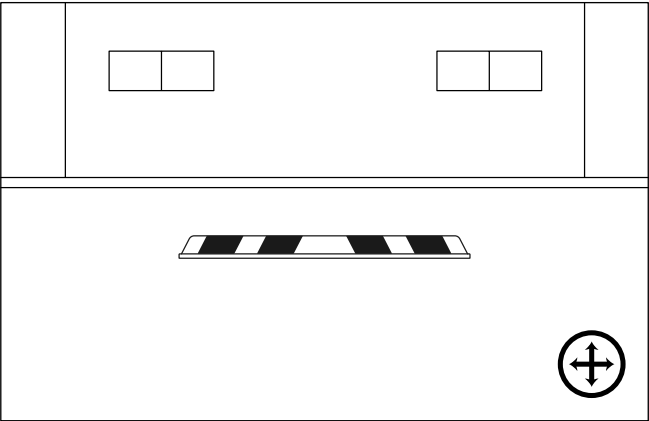
Recommended Fixings:



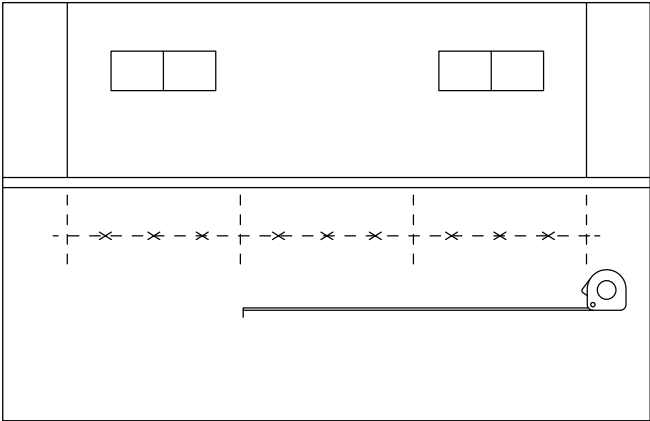
Mounting Spikes

Installation Steps

1. Measure and Mark

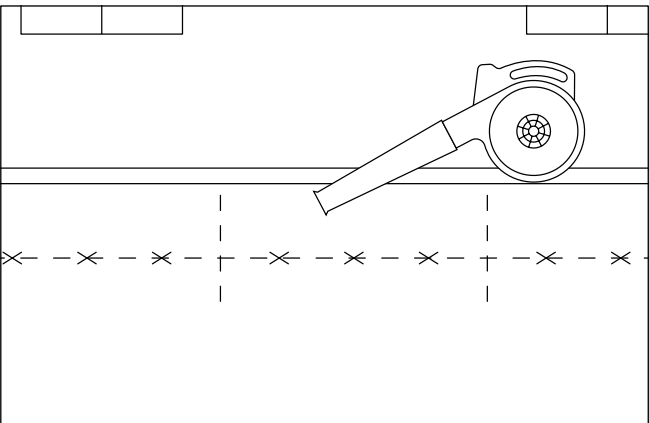


1A Confirm parking bay layout and wheel stop position.



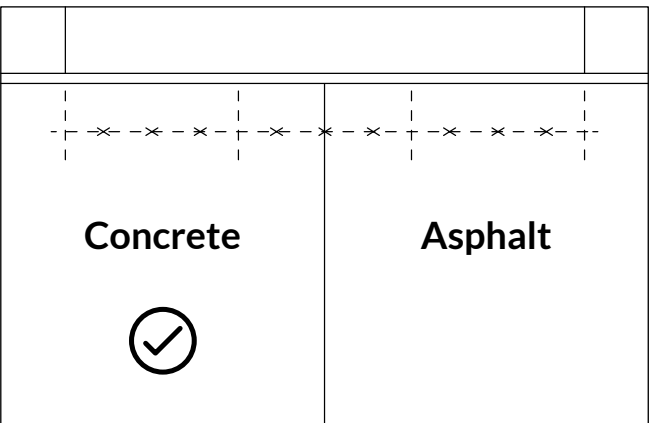
1B Mark the installation location, ensuring correct alignment with parking lines and required pedestrian clearance.

2. Prepare Surface

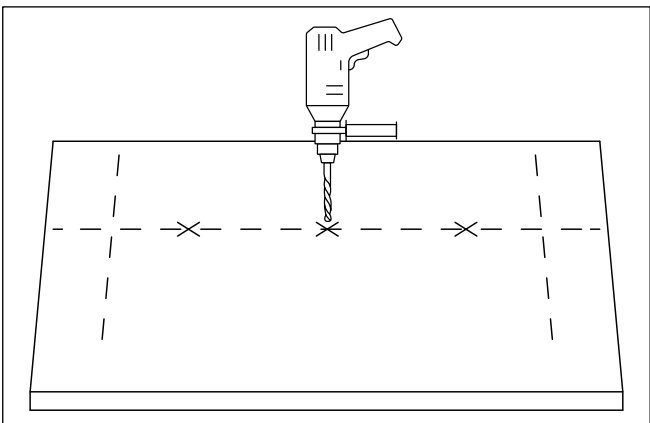


Remove debris and ensure the surface is clean, stable, and suitable for installation.

3. Install Fixings



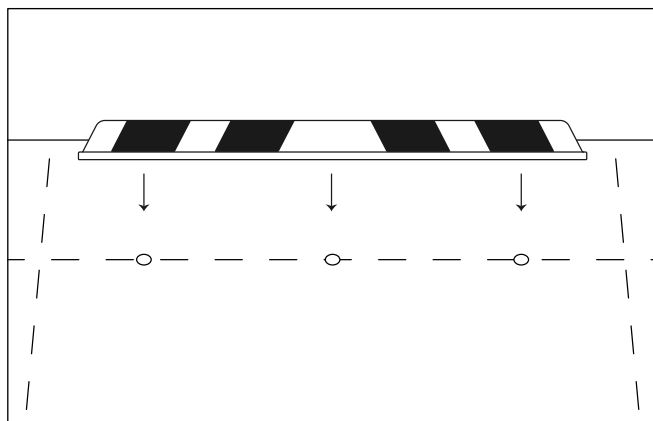
3A Select the appropriate fixing method based on the installation surface.



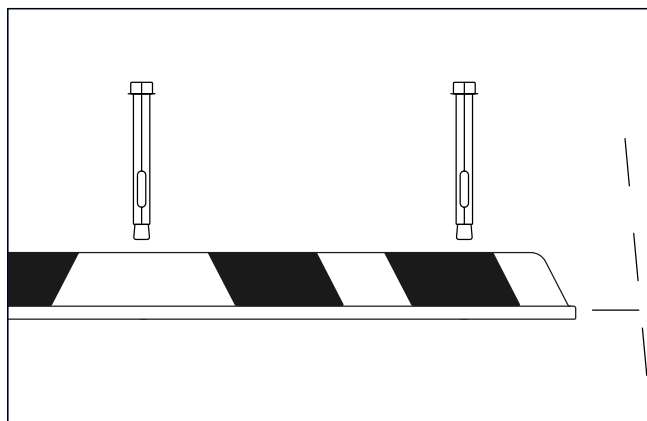
3B Drill holes in the marked locations using the appropriate drill bit.

Installation Steps

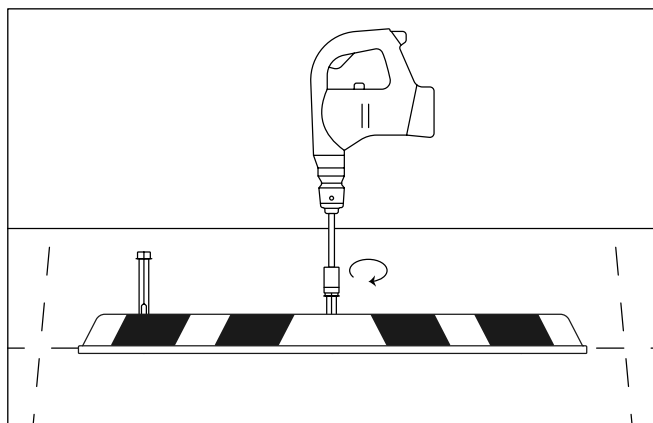
3. Install Fixings



3C Position the wheel stop over the drilled holes ensuring they are aligned with the parking lines and evenly spaced.

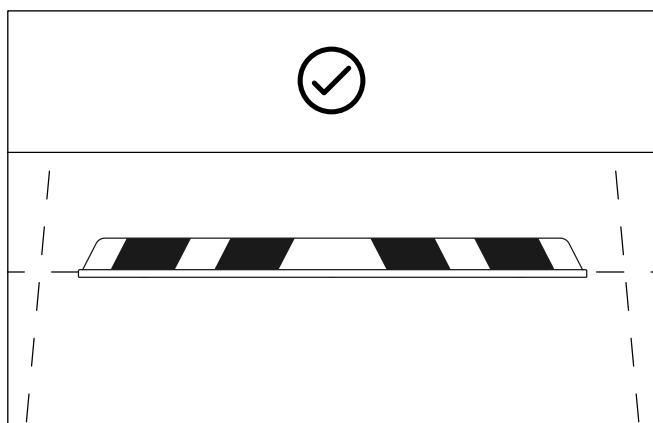


3D Insert the fixings through the wheel stop and into the drilled holes.

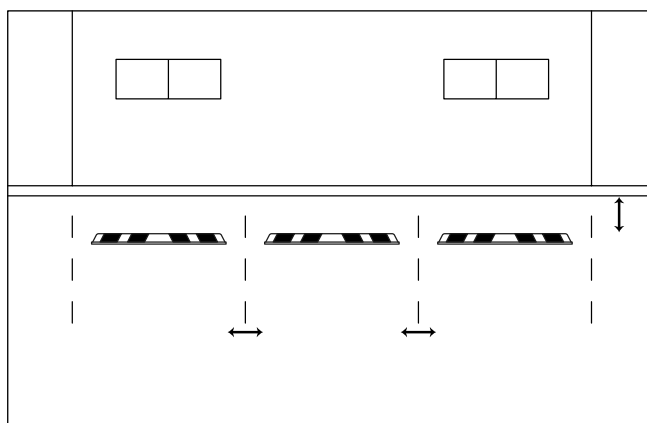


3E Tighten all fixings until the wheel stop is firmly secured.

4. Final Inspection



4A Confirm the wheel stop is secure, aligned, and stable.



4B Ensure pedestrian pathways and required clearances are maintained.



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