

Installation Instruction Guide

Wheel Stops must be securely affixed to the ground to inhibit upward curving at the ends, as all plastic expands/contracts. As surface and environmental conditions may vary, please adjust the installation instructions as required to ensure the wheel stop is securely fixed to the ground.

Specifications

- Dimensions (mm): 1650 (l) x 96 (h) x 136 (base width) x 48 (top width)
- 96mm height prevents damage to vehicles with low set spoilers
- Complies with AS/NZS 2890.1:2004 (i.e. measure 90 -100mm in height and 1650 +/-50mm in width)
- Lightweight (10.5kg) for installation by one person, without costly lifting equipment or risk of personal injury

Calculating Distance of the Wheel stop from the kerb/barrier (as per AS/NZS 2890.1:2004)

The distance the Wheel Stop should be installed from the kerb, wall or other barrier depends upon the height of the barrier and whether reverse-in parking is likely.

Parking direction	Wheel Stop distances (mm)			
	Parking to kerb < 150mm high		Parking to kerb > 150mm high or wall	
	Wheel Stop height		Wheel Stop height	
	90mm	100mm	90mm	100mm
Vehicle front-in	630	620	830	820
Vehicle rear-in	910	900	1110	1100

Materials & Installation Guide

a) Concrete: 3 fixings are required per Wheel Stop

Commercial External Use: 3 x Excalibur M10 screw bolts x 150mm + 3 x gal washers



1. Position wheel stop according to AS2890.1:2004.
2. Drill small pilot holes to mark fixing points.
3. Move wheel stop aside and drill out the pilot holes using a 10mm masonry bit. Holes must be 25mm deeper than fixing penetration.
4. Remove dust from holes, reposition wheel stop and insert concrete screws with washer.
5. Wind in fixings securely using socket wrench or impact driver.

b) Asphalt: 4 fixings are required per Wheel Stop

4 x HILTI HGN 14 aerated concrete anchors + M12 galvanised coach bolts x 150mm + 4 x gal washers

https://www.hilti.com.au/c/CLS_FASTENER_7135/CLS_PLASTIC_ANCHORS_7135/r1171?CHD_ANCHOR_LENGTH=85%20mm&itemCode=45627

1. Position wheel stop according to AS2890.1:2004.
2. Drill small pilot holes to mark fixing points.
3. Move wheel stop aside and drill out the pilot holes using a 12mm masonry bit to 100mm hole depth.
4. Remove dust from holes,



Fill hole with FIS V PLUS 410 C Fischer Vinylester Chemical Anchor 410g <https://www.thefastenerfactory.com.au/fisv410-fischer-vinylester-chemical-anchor-410g>

5. Insert anchor, tap down flush, then reposition wheel stop.
6. Wind in coach bolt with washer securely using socket wrench or impact driver.

c) Bitumen: 4 fixings are required per Wheel Stop

4 x 300mm x 12mm diameter gal spikes with welded washer



1. Position wheel stop according to AS2890.1:2004.
2. Drill small pilot holes to mark fixing points.
3. Drill 12mm pilot holes approx 250mm deep to mark fixing points.
4. Use **FIS V PLUS 410 C Fischer Vinylester Chemical Anchor 410g**
<https://www.thefastenerfactory.com.au/fisv410-fischer-vinylester-chemical-anchor-410g>
5. Hammer in spike fully, ensuring the head of the spike is below the top of the wheel stop.

WARNINGS: • For use on flat surfaces only • Must be securely fixed to ground • Wheel stops should not be used where they may be in the path of pedestrians moving to & from parked vehicles or crossing a car park for any other purpose • Always perform your own risk assessment before using this product • Warranty excludes fixings & installation • Copies of Technical Data Sheets available upon request - 25072024