



Convex Mirror Installation Guide

Overview

Enforcer Convex Mirrors provide improved visibility across areas where blind spots, restricted views, or vehicle and pedestrian interactions create potential risks.

Correct installation helps ensure the mirror provides an effective field of view and remains securely positioned for ongoing use.

Relevant Australian Standards

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

Convex mirrors may be installed in car park environments where restricted visibility creates potential conflicts between vehicles and pedestrians, such as blind corners, ramps, and building exits.

Key Considerations Include:

- Select mirror placement to provide clear visibility of approaching vehicles, pedestrians, and surrounding areas.
- Ensure mirrors are clearly visible to drivers and pedestrians within their normal line of sight.
- Mount mirrors at a suitable height and angle to provide an effective field of view.
- Securely fix mirrors to suit the mounting surface and intended application.

Mirror Size Selection

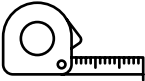
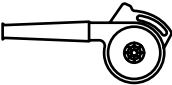
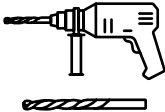
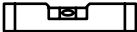
Mirror size should be selected based on the required viewing distance:

- [450mm Diameter](#) - suitable for visibility distances up to 10m
- [600mm Diameter](#) - suitable for visibility distances up to 15m
- [800mm Diameter](#) - suitable for visibility distances up to 20m
- [1000mm Diameter](#) - suitable for visibility distances up to 20m

Note: Always select mirror size and positioning based on the required viewing distance and site conditions.

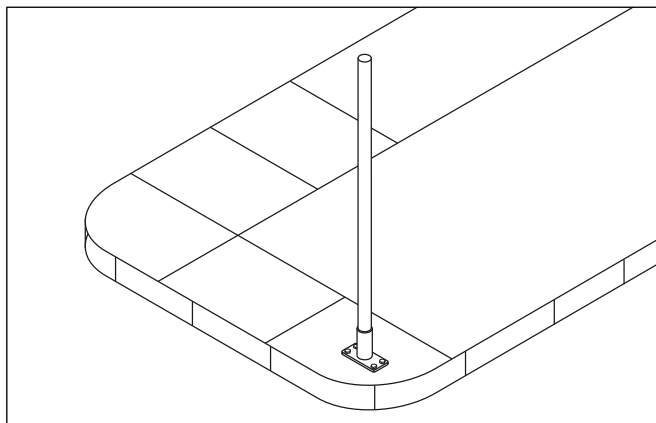
Installation Requirements

Required Tools

					
Measuring Tape	Marking Tool	Blower	Suitable Drill & Drill Bits	Spirit Level	Suitable Wrench

Pole-Mounted Convex Mirror Installation

1. Select Installation Location



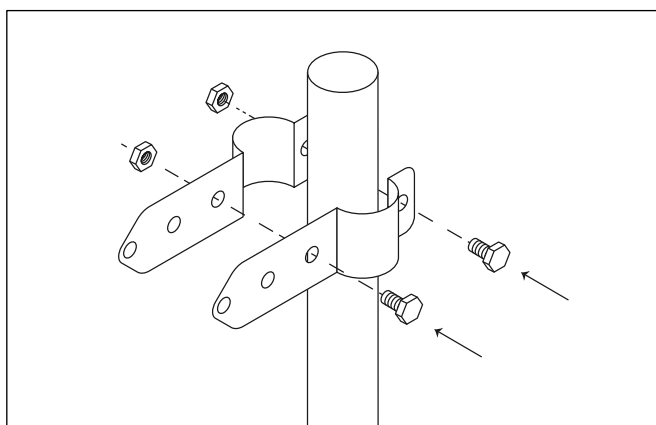
Choose a suitable pole location that:

- Provides visibility of the required area.
- Does not obstruct pedestrian or vehicle movement.
- Allows the mirror to be positioned at the correct viewing angle.
- Has a pole diameter compatible with the supplied pole mounting bracket.
- Is structurally suitable to support the weight and wind load of the mirror.

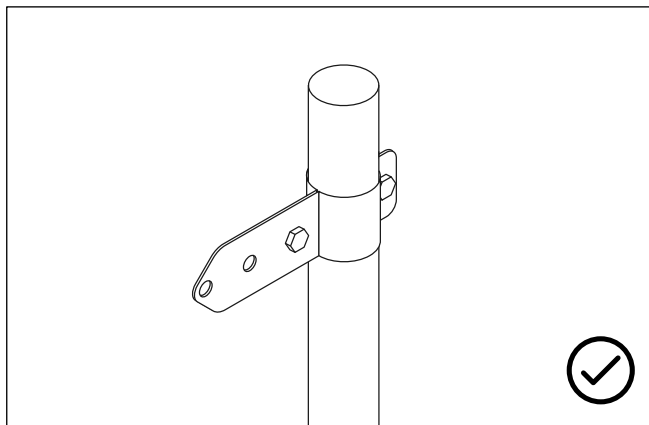


The supplied clamp is sized for a **60mm OD (outer diameter) pole**. Confirm the pole diameter matches before installation.

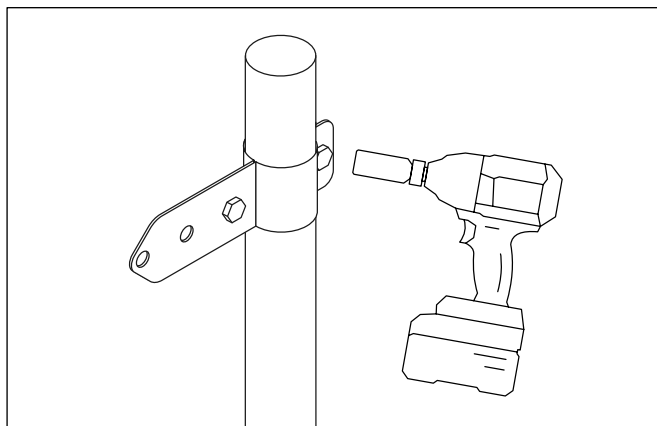
2. Secure Clamps



2A Tighten the clamps evenly around the pole until firmly secured.



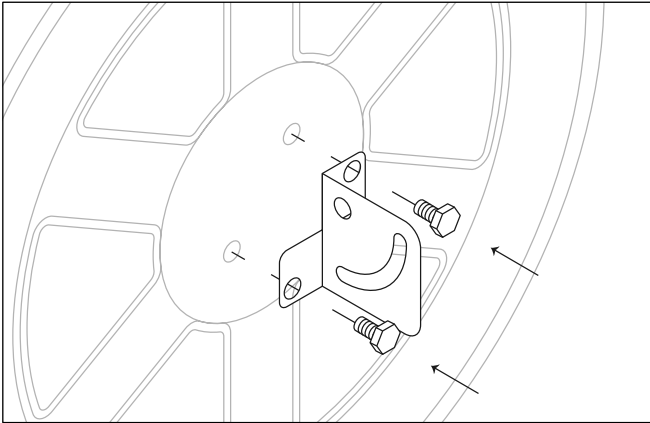
2B Confirm the clamps are level and do not rotate or slip on the pole.



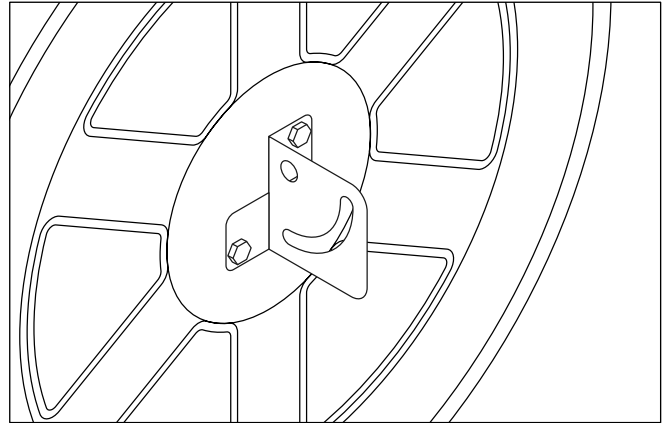
2C Recheck each bolt once all are fitted.

Pole-Mounted Convex Mirror Installation

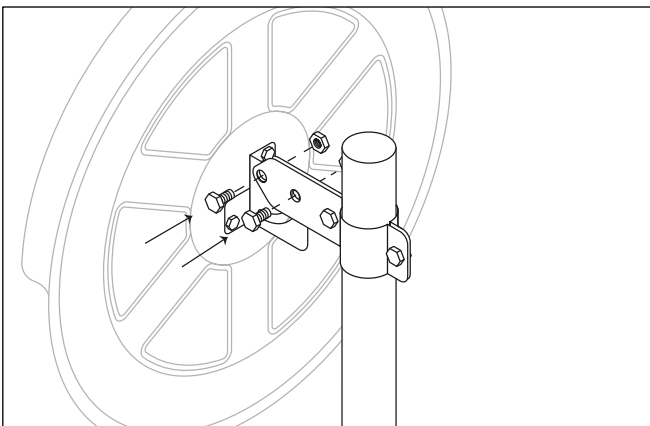
3. Attach Tilt Adjuster and Mirror



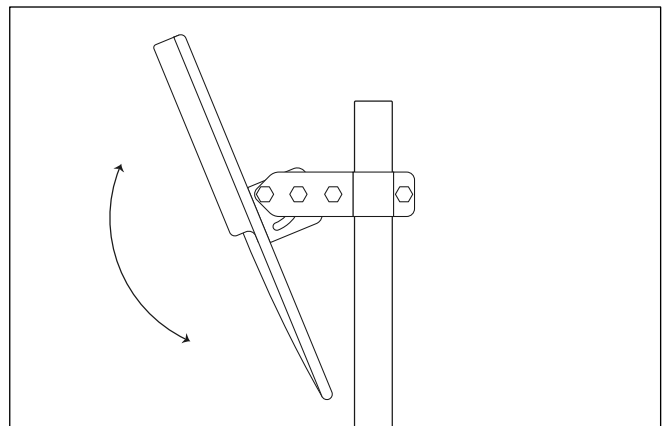
3A Fix the tilt adjuster to the mirror.



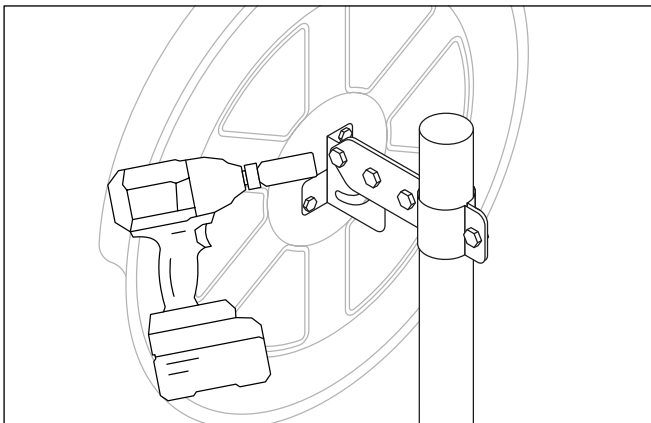
3B Ensure the arc slot faces downward to allow the mirror angle to be adjusted after mounting.



3C Attach the tilt adjuster and mirror assembly to the clamps.



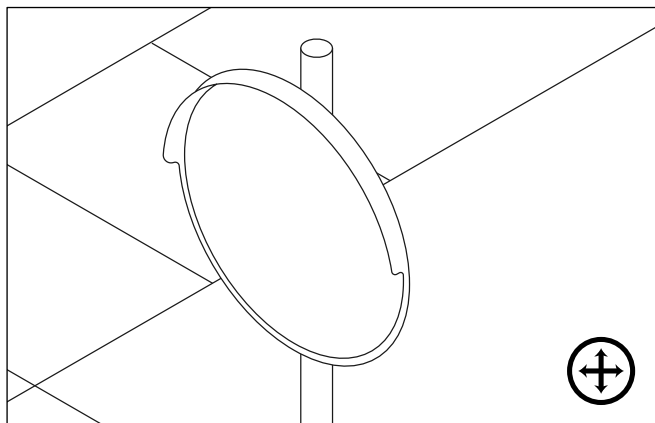
3D Adjust the mirror to the desired viewing angle.



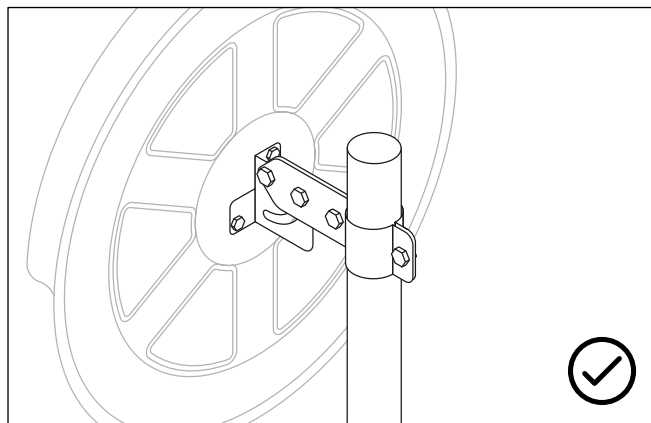
3E Once positioned, tighten all fixings securely to prevent the mirror from slipping or moving.

Pole-Mounted Convex Mirror Installation

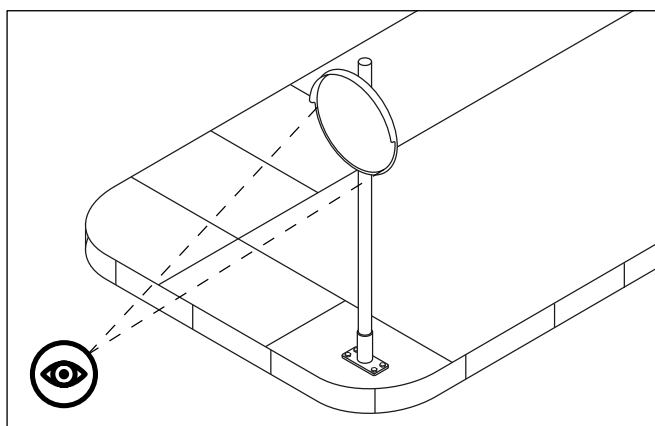
4. Final Inspection



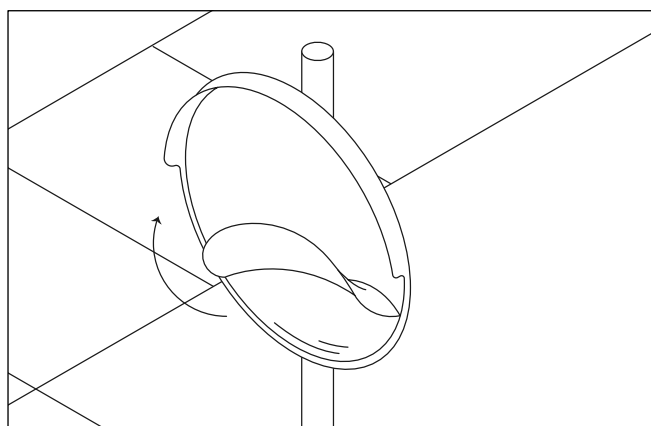
4A Confirm the mirror is stable and securely fixed.



4B Check the pole mounting clamps have not loosened during final tightening.



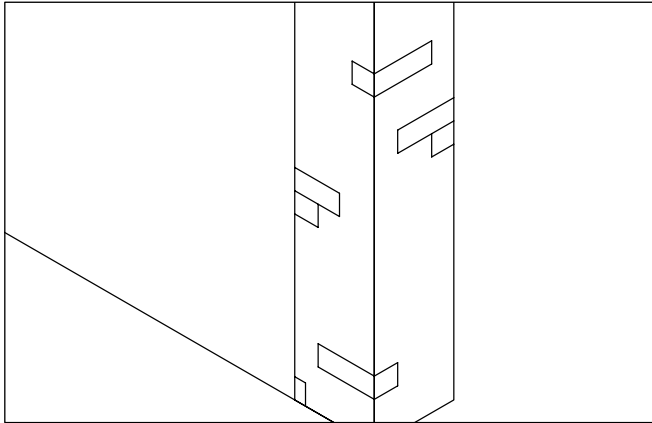
4C Check visibility from the intended viewing positions, ensuring the reflection provides clear visibility of the required area.



4D Remove the protective film.

Wall-Mounted Convex Mirror Installation

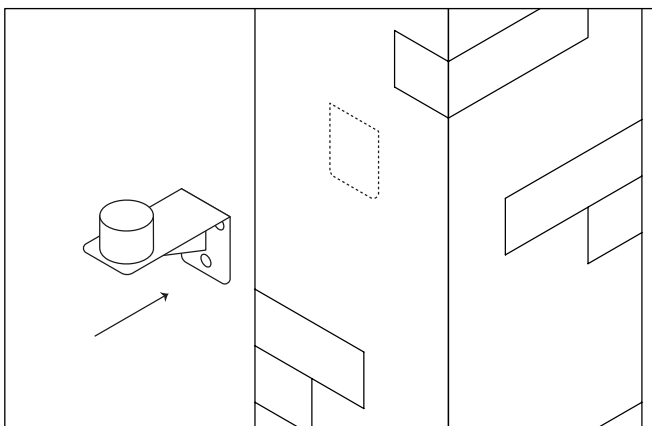
1. Select Installation Location



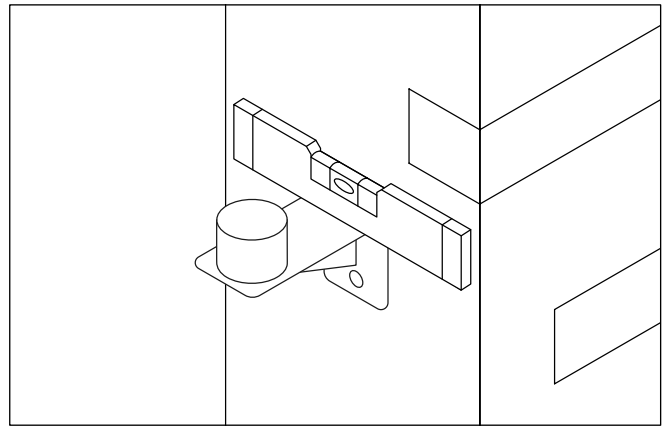
Choose a suitable location that:

- Provides visibility of the required area.
- Does not obstruct pedestrian or vehicle movement.
- Allows the mirror to be positioned at the correct viewing angle.
- Is structurally suitable to support the weight and wind load of the mirror.

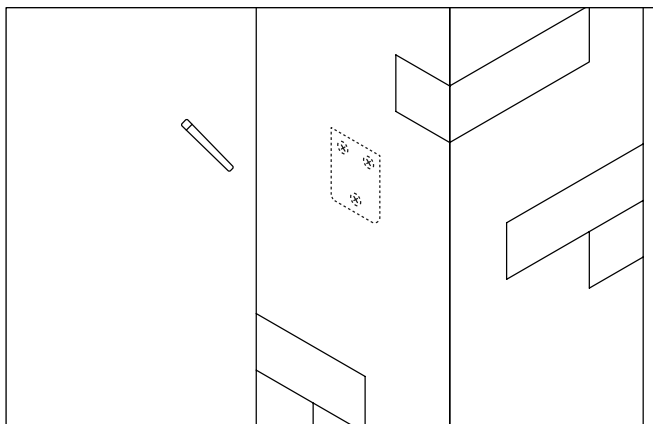
2. Mark Mounting Points



2A Position the mounting bracket against the wall .



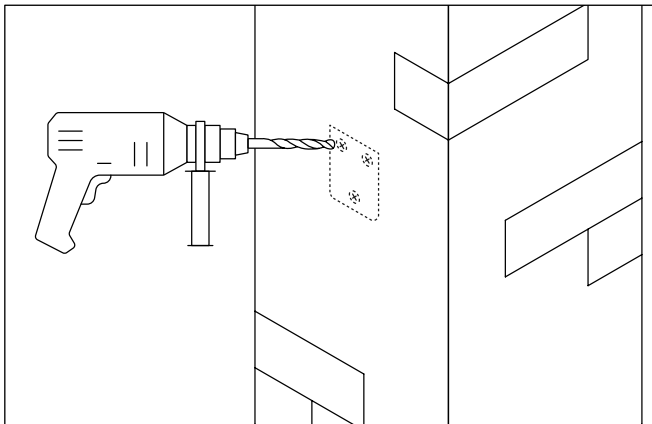
2B Confirm alignment using a spirit level.



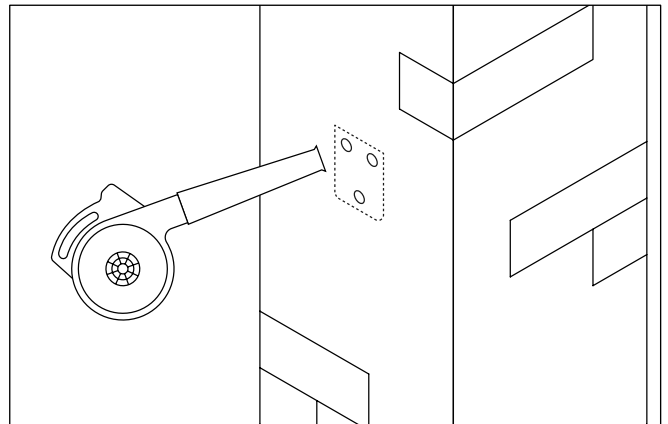
2C Mark the fixing points on the installation surface.

Wall-Mounted Convex Mirror Installation

3. Drill Fixing Holes

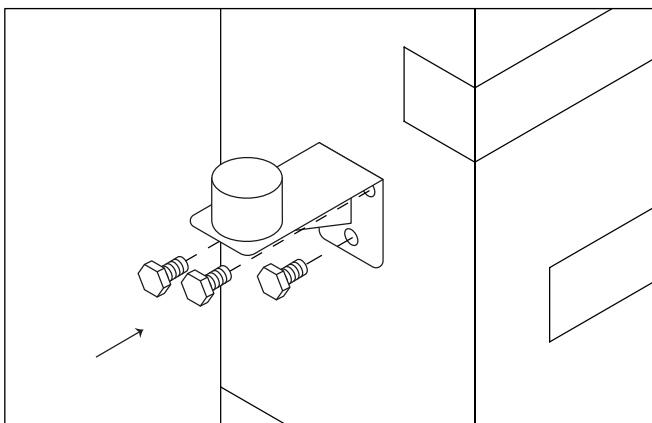


3A Drill holes at the marked locations using the appropriate drill bit for the wall material.

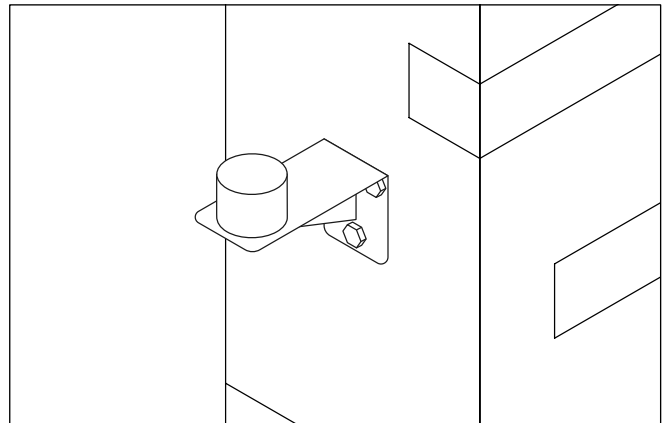


3B Remove dust and debris from drilled holes.

4. Secure Wall Mounting Bracket

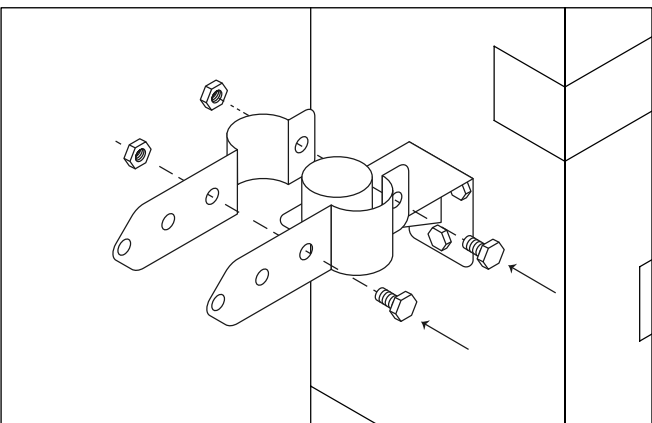


4A Install appropriate wall fixings through the bracket mounting points.

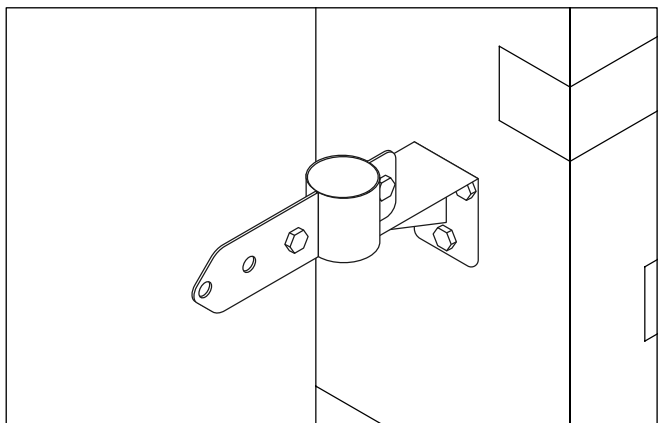


4B Tighten securely until the bracket is firmly attached, level and correctly aligned.

5. Fix Clamps



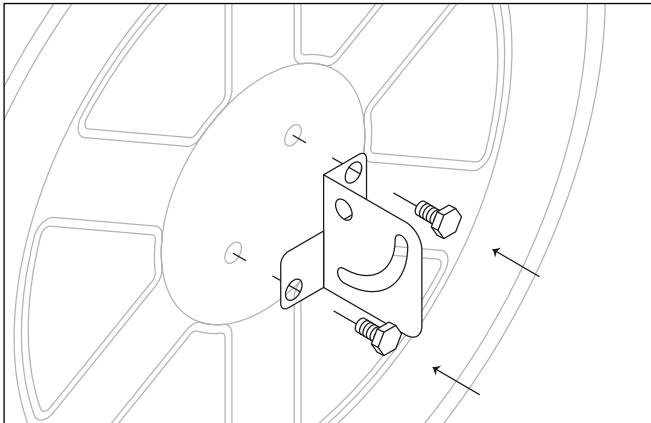
5A Fix the clamps to the wall mounting bracket.



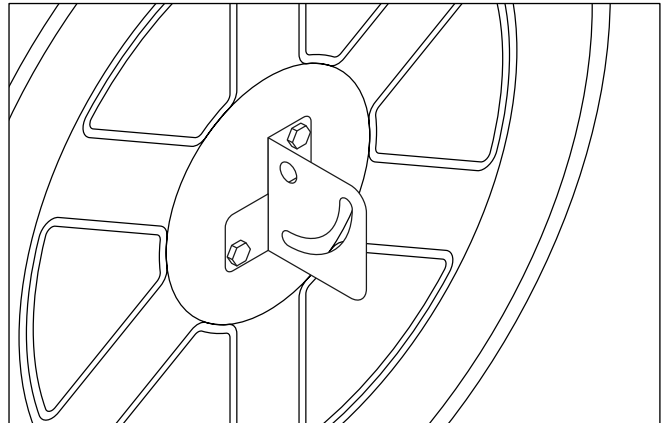
5B Ensure they are firmly secured and correctly positioned to receive the tilt adjuster.

Wall-Mounted Convex Mirror Installation

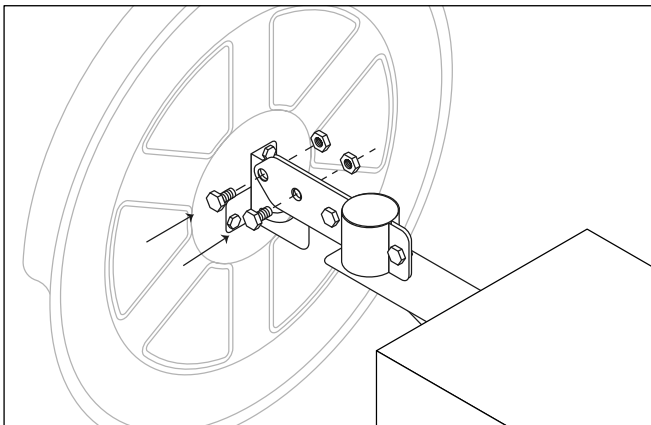
6. Attach Tilt Adjuster and Mirror



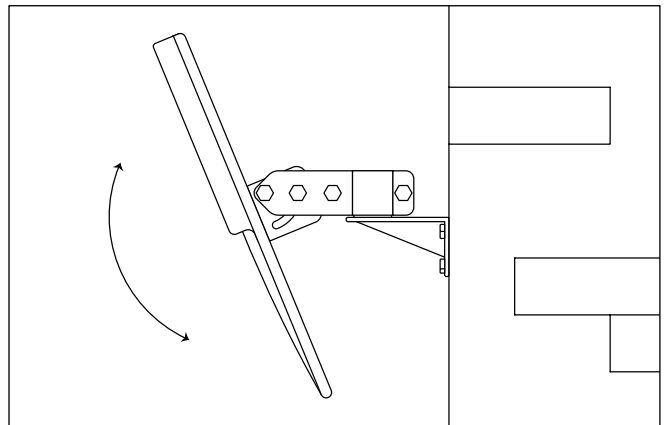
6A Fix the tilt adjuster to the mirror.



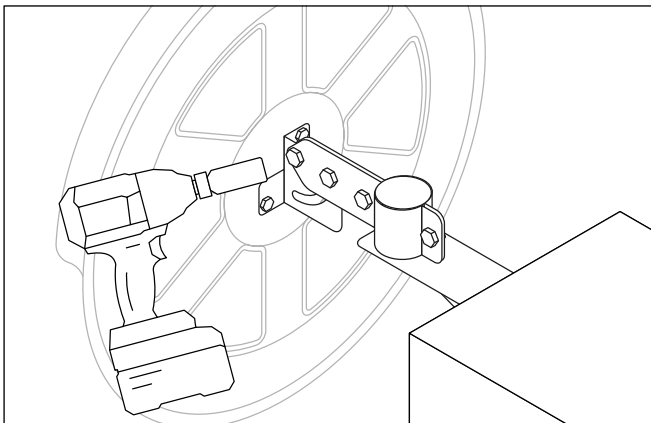
6B Ensure the arc slot faces downward to allow the mirror angle to be adjusted after mounting.



6C Attach the tilt adjuster and mirror assembly to the clamps.



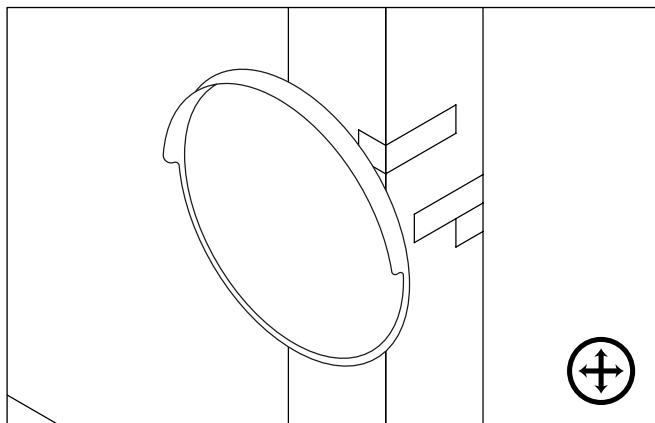
6D Adjust the mirror to the desired viewing angle.



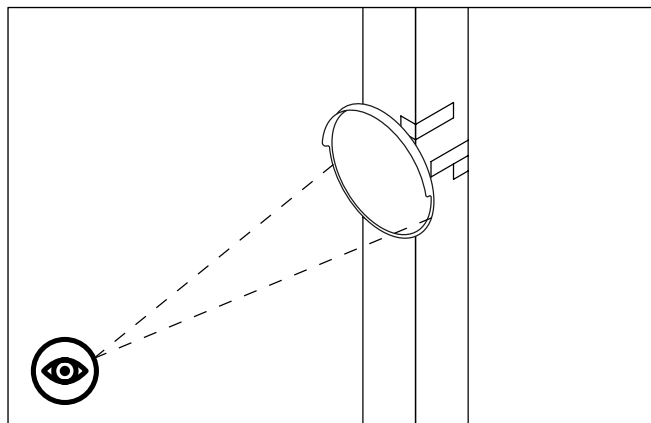
6E Tighten all fixings securely to prevent the mirror from slipping or moving.

Wall-Mounted Convex Mirror Installation

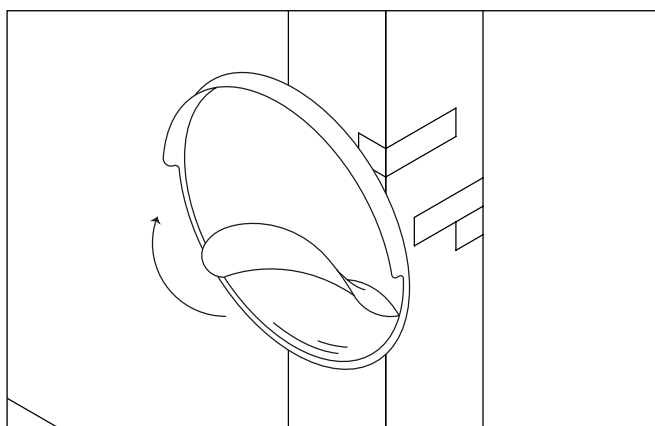
7. Final Inspection



7A Confirm the mirror is stable and securely fixed.



7B Check visibility from the intended viewing positions, ensuring the reflection provides clear visibility of the required area.



7C Remove the protective film.



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