

INSTALLATION GUIDE:

Vector Standard Cover (Plastic)



INSTALLING PLASTIC COVERS ONTO VECTOR SERIES' BOLLARDS

Reliance's Foundry's **Vector Series' S10/S20/S30 bollards** deliver certified protection for storefronts, meeting ASTM F3016 standards for low-speed vehicle impacts. Plastic bollard covers help increase visibility and reduce maintenance of these bollards. Bollard covers are made of high-quality polyethylene for the best corrosion resistance. Plastic bollard covers can be easily installed with some high-quality metal brackets and compressible foam strips, and their secure mounting system reduces the likelihood of theft.

It is important to note that Reliance Foundry's bollard covers are primarily decorative. Adding bollard covers to existing bollards will not affect impact resistance. The level of impact resistance is directly related to the original installation.

INSTALLATION EQUIPMENT

- Hand saw
- 3/4" wrench
- Level
- Measuring tape

PARTS LIST FOR S10 & S20 BOLLARDS

#	PART	QTY
1	Plastic bollard cover	1
2	Top cover adapter	1
3	Tube attachment	1
4	Bottom cover adapter	2
5	1/2" hex head bolt	3
6	1/2" thin hex nut	1
7	Adhesive foam strip 3" long	3
8	Non-adhesive foam strip	2
9	Reflective tape (optional)	2

PARTS LIST FOR S30 BOLLARDS

#	PART	QTY
1	Plastic bollard cover	1
2	Top cover adapter	1
3	Tube attachment	1
4	Bottom cover adapter	2
5	1/2" hex head bolt	4
6	1/2" thin hex nut	2
7	Adhesive foam strip 3" long	3
8	Non-adhesive foam strip	2
9	Reflective tape (optional)	2

NOTE

- To protect the finish, keep bollards in original packaging until the exact moment of installation.
- Handle with care to avoid scratching or damaging bollard surfaces as abrasions will lead to rust.

BEFORE INSTALLATION

Inspect the bollard

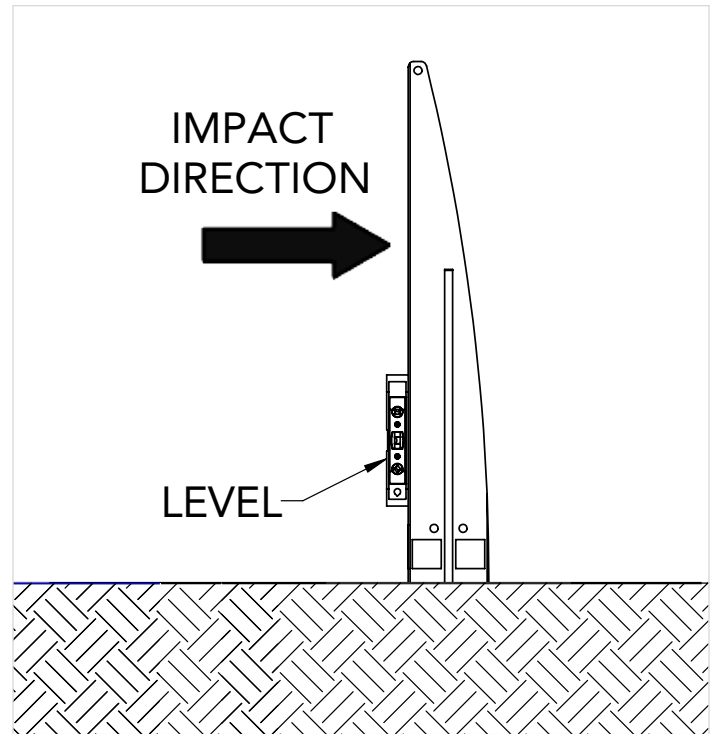
Examine the pre-installed bollard for signs of damage. Any rust should be removed, and abrasions should be covered as soon as possible. If the damage is beyond repair, then a new bollard may need to be installed.

Hold a level vertically against the side of the bollard and ensure that it is plumb.

NOTE: Any damage or tilting of the bollard can affect the performance of the bollard cover.

Clean and dry the bollard

Brush or wipe the surface and mounting holes of the bollard. Debris can offset measurements and the placement of the bollard cover.



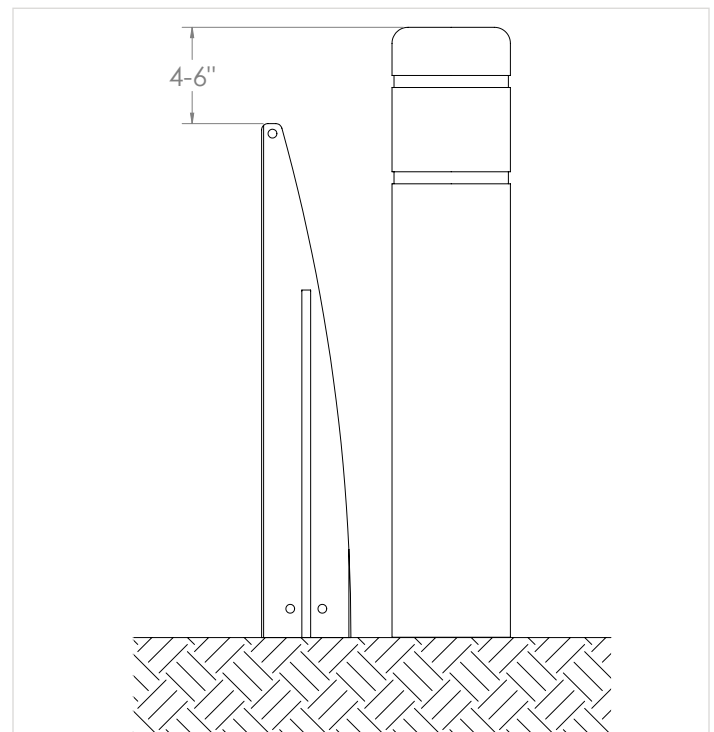
STEP 1

Prepare the bollard cover

Keep the bollard cover in its protective packaging and place next to the bollard. When ready to install, remove the protective packaging.

Measure the bollard cover to confirm that its diameter is slightly greater than that of the bollard. The top of the bollard cover should extend 4 to 6 inches above the top of the bollard.

If necessary, use a saw to trim the bollard cover to the appropriate length.



STEP 2

Install top metal brackets

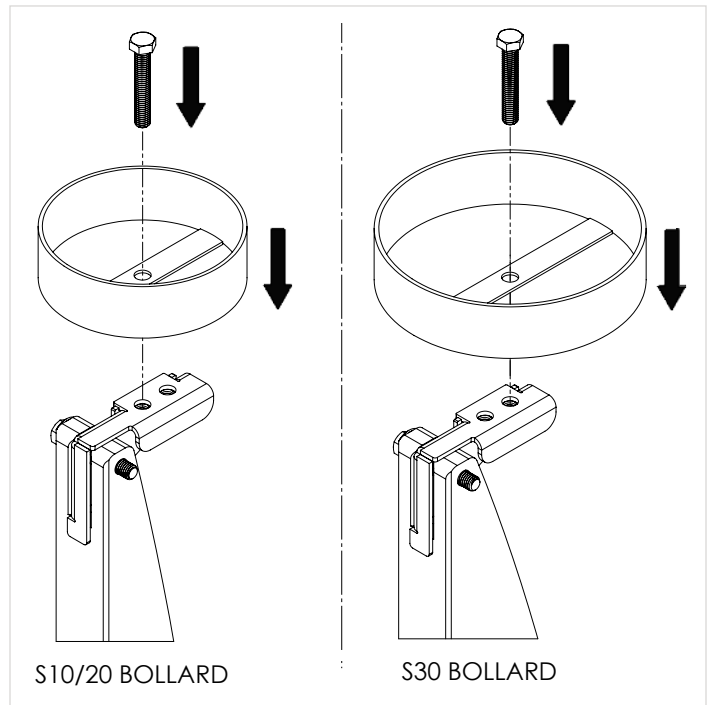
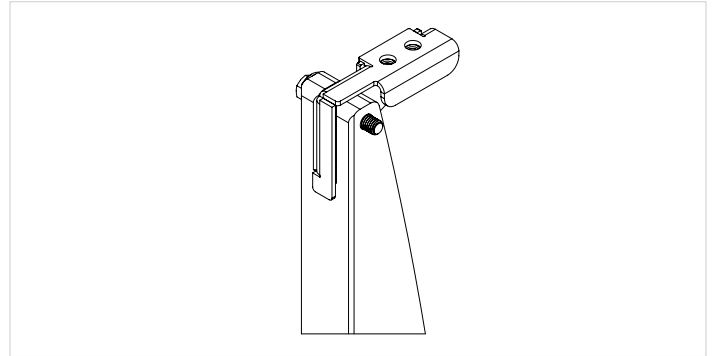
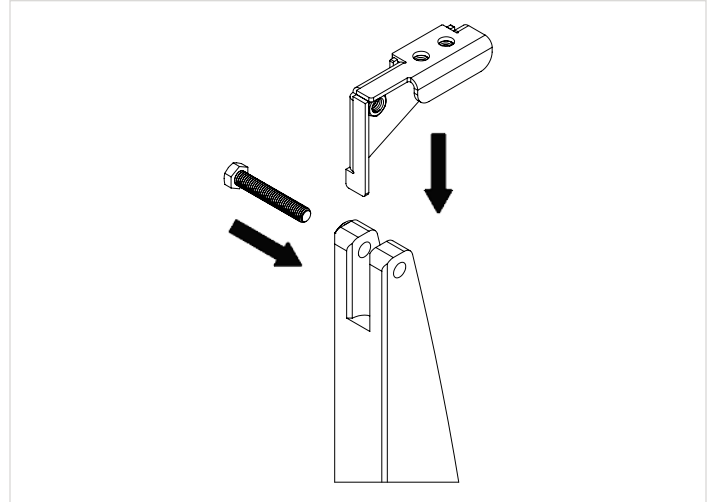
Place the top cover adapter onto the top middle section of the bollard.

Align the adapter's side hole with the holes at the top section of the bollard. Insert a bolt into the hole and tighten it with a wrench.

Place the tube attachment on top of the top cover adapter and align its hole with one of the two top holes on the adapter, depending on the bollard type:

- S10/S20 bollard: impact side top hole
- S30 bollard: protected side top hole

Insert a bolt into the hole and tighten it with a hand.

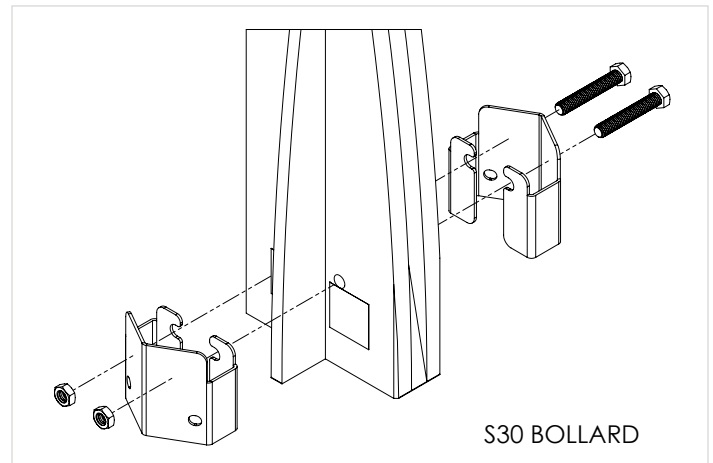
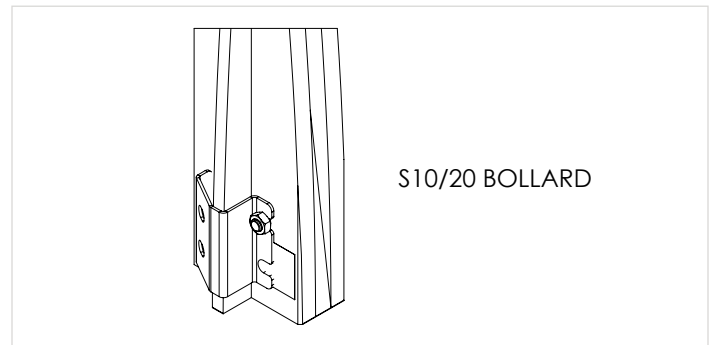
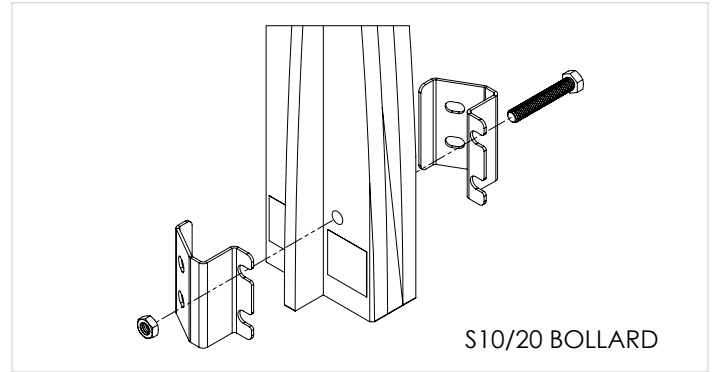


STEP 3

Install bottom metal brackets

Place the bottom cover adapters on both bottom sides of the bollard.

Align each adapter's slots with the bottom holes of the bollard. Fasten the adapters to the bollard with the bolts and nuts.



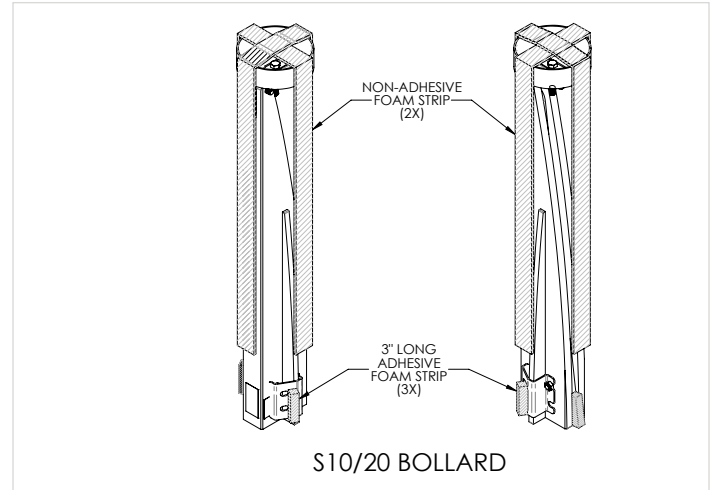
STEP 4

Secure the bollard cover

Apply the foam strips in the designated locations on the bollard. These compressible foam strips will fill up the space between the bollard and bollard cover.

Carefully lower the bollard cover over the bollard. The foam strips will compress to tighten the fit.

If necessary, apply force to slide the bollard cover until its base meets the surface grade.



STEP 5

Clean the bollard cover

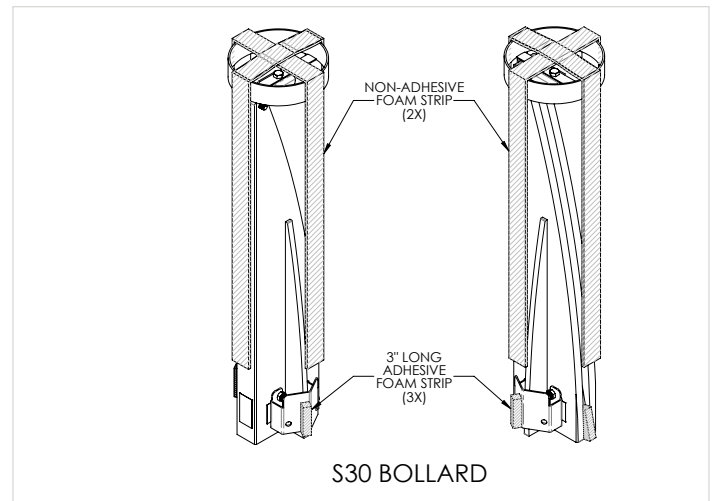
Use a cloth to clean off any dust or debris.

Inspect the installation

From a distance, examine the plane of view.

Ensure the bollard is plumb to the surface, and the surface is flat.

Check the bollard for any signs of surface damage. Abrasions should be covered as soon as possible to prevent rust and ensure the proper life of the bollard. For damage repair or other servicing needs, please contact Reliance Foundry's sales department.



Care and maintenance

Reliance Foundry manufactures its products to the highest design standards to ensure their durability. In most north american environments, routine inspections and cleaning will ensure that bollards retain their aesthetic appeal. Proper care and maintenance are required to maintain the finish and ensure a full-service life.

