



# CB SHIELD: OPERATIONS INFO

## REMOVING AND INSTALLING A SHIELD

[CBSHIELD.COM/MAINTENANCE](http://CBSHIELD.COM/MAINTENANCE) OR 226-802-1749



CB Shield is a Canadian owned and operated company aimed at improving stormwater quality. CB shields are a catch basin insert used to maintain sediment and improve water quality. Shields are put to work as water flows off the “slope” and into the basin wall opposite to the outlet pipe; grates allow sediment from the slowed water to pass to the sump below. See below on steps for removing and installing these.

You open a catch basin and **you see this device**



What you need is one these specialized sticks we provide called a “Gandalf stick.” These can be provided beforehand or are sometimes left with cb shields after the unit has been installed. Please contact us if these are needed.

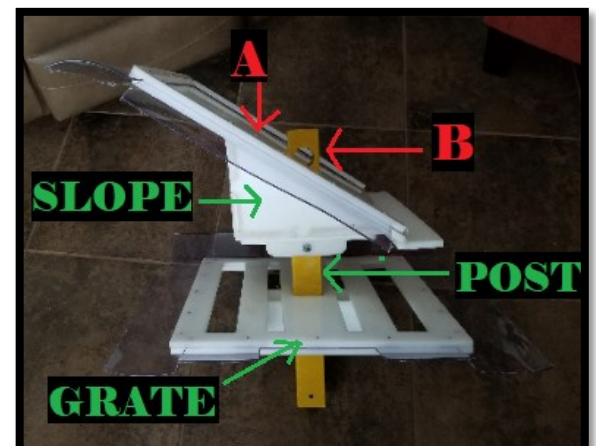


What you will need to do next depends on the type of shield you find. They have changed over time.

For a **one piece unit**: pull the unit up by the rope in the middle post



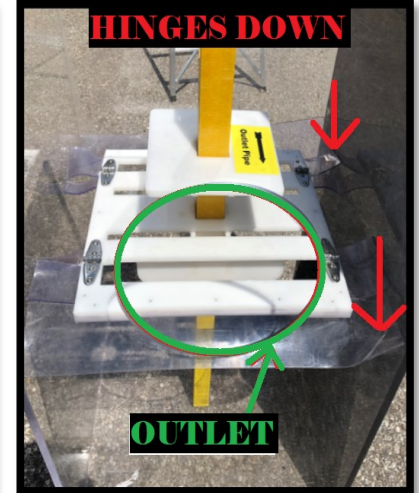
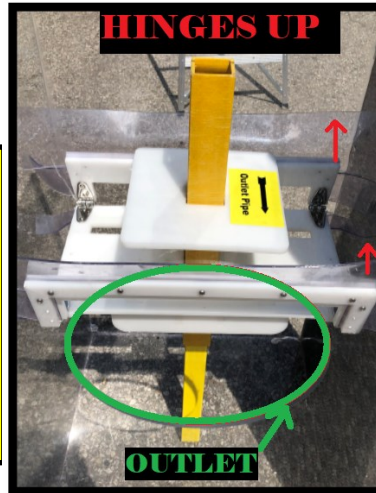
For a **two piece unit**, the top slope can slide off the post. The slope will have a rope (a), the post has an eye hole (b). Sometimes these will have to be removed separately.



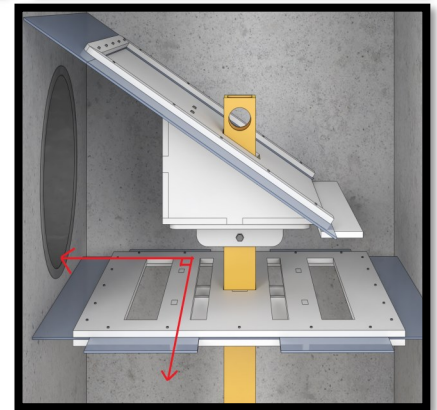


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Some two piece units have **hinges**. Follow the same steps a standard two piece unit, except pull up both hinges to remove unit, and fully extend them when reinstalling it.



Once the unit is removed and the sediment is cleaned out, you can reinstall the unit. Clean off the grates of debris and **ensure the grate slots are perpendicular to the lowest outlet pipe.**



We have several variations of “spacers” used to keep shields propped in place for double catch basins. Reinstall these as you find



## Tips and Facts:

- 1) Try to reinstall units the way you found them. Taking a photo of how they were before you start can help save time and confusion.
- 2) When in doubt, use the lowest outlet pipe as the reference point: the grate should be at the same height as it, and the slope should be headed down from it.
- 3) For videos and more information go to [cbshield.com/maintenance](http://cbshield.com/maintenance)
- 4) Let's improve water quality together. Please call if you have any questions at **226-802-1749**