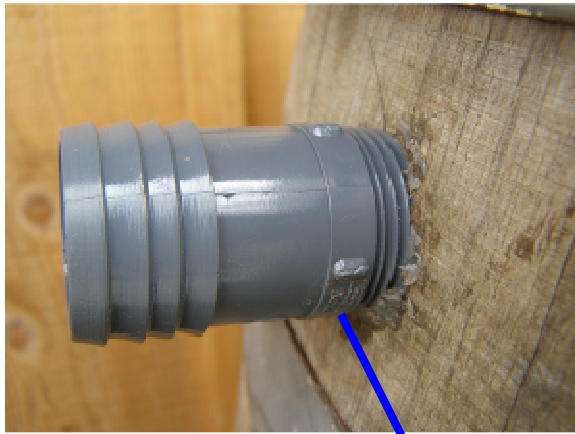


Overflow fitting



Inlet



Spigot



Convert a Used Wine Barrel to a Rain Barrel

Parts:

Oak barrel
Plastic spigot (3/4" thread)
Plastic barb fitting (1" thread, 1 1/4" barb)
Blue RTV sealer
Stainless steel food strainer (fine)
2 Stainless steel screws (14x1) and washers (1/4")

Tools:

Electric drill
3/4" drill bit (spade bit)
1" drill bit (spade bit)
ratchet
3/4" pipe tap
12 point socket size 13/16" x 1/2" drive
1" pipe tap
12 point socket size 1" x 1/2" drive
hacksaw
Electric jig-saw
Screw driver

Spigot:

- Grind a drill bit to a taper to match a 3/4" pipe tap.
- Drill a 3/4" hole near the base of the barrel in the center of a wide stave to prevent splitting.
- Attach the 3/4" pipe tap to the 12 point socket size 13/16" x 1/2" drive and ratchet/tap a tapered thread into this hole.
- Coat the 3/4" spigot with blue RTV sealer and thread the spigot into the hole.

Overflow fitting:

- Drill a 1" hole near the top of the barrel (at a 90° angle to the spigot when looking down on the barrel) in the center of a wide stave.
- Attach the 1" pipe tap to the 12 point socket size 1" x 1/2" drive and ratchet/tap a tapered thread into this hole.
- Coat the 1" plastic barb fitting with blue RTV sealer and thread the spigot into the hole.

Inlet:

- Connect two downspout elbows in an "S" shape (or purchase a flexible plastic elbow).
- Stand a board parallel with and up against the side of the barrel in its upright position opposite the side with the spigot. Hold the elbows up against this board to determine and mark the location of the center of the inlet.
- Center the strainer over this mark and draw a circle around the perimeter of the strainer. The cut must be made far enough inside this circle for the strainer to have wood to rest on when installed. **Note:** We traced the lid to a lemonade mix container to get the perfect circumference of a circle to cut along.
- Pre-drill a hole at a point just inside this circle as a starting point for the jigsaw.
- Use jigsaw to cut out the inlet along this circle, being sure that the cut pieces of the staves don't fall into the barrel along the way.
- Check that the strainer fits.
- Remove the handle from the strainer using a hacksaw, leaving a small piece of metal for an attachment point. Drill a small hole into the remaining part of the handle and the opposite side of the strainer if one is not already present.
- Position the strainer in the inlet hole and screw the screws and washers through both strainer holes away from the edge of any staves.

Part	Where to find it	Cost
Oak Barrel	Big Creek Vineyard in Kunkletown	\$50
Plastic Spigot (3/4" thread)	Fry's Plastic in Kresgeville	\$1.39
Plastic barb fitting (1" thread, 1 1/4" barb)	Fry's Plastic in Kresgeville	\$1.29
Blue RTV sealer (or The Right Stuff \$\$)	Walmart or Auto Parts store	\$3 to \$6
Stainless steel food strainer (fine)	Walmart	\$7.97
2 Stainless steel screws (14x1)	Lowe's	\$2.59
2 Stainless steel washers (1/4")	Lowe's	\$1.48