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Bumper Storage - Sewer Tube

The bumper storage tube replaces Scamp factory installed sewer hose storage tube on the front of the travel trailer. The bumper storage tube will hold two (2) sewer hoses.

FINISHED MEASUREMENTS: 5-in x 5-in x 70-in





MATERIAL:

QTY	COST (ea	a.)DESCRIPTION	SUPPLIER	PART NO.	MODEL NO
1	23.38	White Vinyl Fence Blank Post	Lowe's	261012	73013947
		5-in x 5-in x 8-ft			
2	2.98	White Vinyl Fence Post Cap	Lowe's	87410	73013955
1	8.48	American Contemporary Vinyl Gutter 4-in x 120-in Half Round	Lowe's	845034	T0473
2	4.58	American Contemporary Vinyl Gutter 4-in Half Round Gutter End Cap	Lowe's	845030	T0411
2	5.48	National Hardware Steel Corner Brace 8-in Zinc- Plated	Lowe's	64774	N236-604
2					
2	3.63	Replacement Knob (or Thumb Screws)	Lowe's	423473	884512
2-SET	?	Machine Bolt, Nut and lock Washer	Lowe's	?	?
		Replace OEM Bolt & Nut on factory	installed bump	oer.	
		Stabilizer Jack			
2-Pk	1.49	16 Machine Screw & Nut, 1/4 - 20 x 3/4-in	Lowe's	?	?
16	0.10	Fender Washer 1-in Dia	Lowe's	?	?
1-PK	5.99	Reflective Tape Strips, Red and White 2-in x 12-in 10/pack	Harbor Fre	eight ?	?

NOTE: The blank 5-in x 5-in x 8-ft fence post is special order from Lowe's or Home Depot.

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TOOLS REQUIRED:

- 1. Electric Drill
- 2. Drill Bits Set
- 3. Saw (I use a skill saw but hand saw will work)
- 4. Hack Saw /w good metal cutting blade
- 5. Phillips Screw Drive
- 6. Socket Wrenches

All measurements are approx.

FENCE POST BUMPER

1. Measure the length of the bumper required.

NOTE: My bumper is 5-in x 5-in x 70-in

- 2. Cut fence post to length.
- 3. Corner Brace to size

NOTE: I cut one leg of 8-in corner brace to approx. 4 ¾-in I cut one leg of 8-in corner brace to approx. 7 ½-in

- 4. Drill hole in corner brace make sure you measure for hole placement
- 5. Install corner braces
- 6. Temporary install fence post bumper
- 7. Using corner braces, center fence post bumper on existing travel trailer bumper
- 8. Drill 1 small hole in fence post bumper and fasten to corner braces /w machine screws NOTE: Machine screws should be installed /w screw head inside the fence post bumper.
- 9. Check to make sure fence post bumper is centered on travel trailer
- 10. If OK, install remaining machine screws
- 11. Trim machine screw so it is flash with nut or use a cap nut.

END CAPS

- 12. Install end caps on Fence post bumper
- 13. Drill small hole in end cap and fence post bumper
- 14. Install 3-prong tee nut into pre-drilled fence post Suggestion make the hole a little smaller that the tee nut OD dia so it is a tight fit
- 15. Install end cap and secure with knob or thumb screw.

HALF ROUND GUTTER

- 16. Measure and cut gutter so that it is approx. 1 to 1 ¾ -in shorter than the Fence post bumper.
- 17. Install half round gutter end caps
- 18. Place half round gutter inside fence post bumper.

NOTE: gutter acts as a tray for ease of removing sewer hose

REFLECTIVE STRIPS

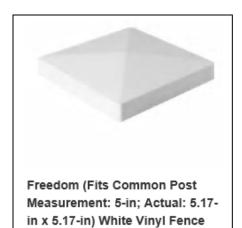
19. Install reflective tape or strips on new bumper

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Photo of Materials



Freedom (Common: 5-in x 5-in x 8-ft; Actual: 5-in x 5-in x 8-ft) Pre-Assembled White Vinyl Fence















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PHOTOS – FENCE POST BUMPER











