

# Equip Tips

2300-  
Recreation

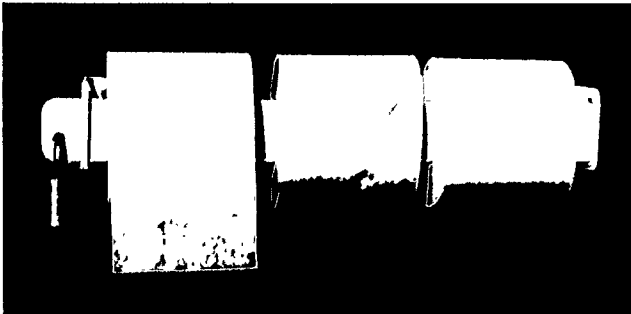
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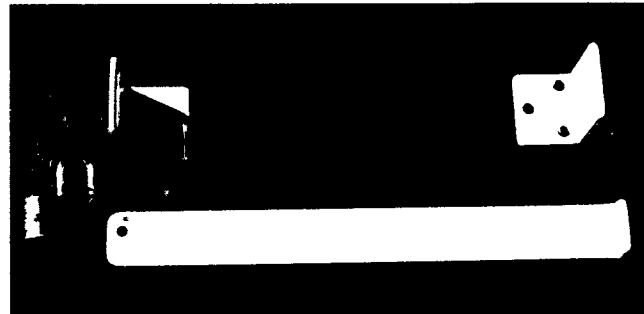
United States  
Department of  
Agriculture

Forest Service  
Equipment  
Development  
Center-San Dimas, CA

## Toilet Paper Dispenser



*Aslin toilet paper dispenser.*



*Dispenser components (lock not provided).*

The most underrated design feature of toilet facilities is that of the toilet paper dispenser. A well-chosen toilet paper dispenser for Forest Service recreation facilities is one that is not easily vandalized, does not allow excessive paper to be rolled off at one time, and locks to prevent removal of rolls for other uses. A dispenser (based on an SDEDC design), fabricated from 1/4-inch steel and consisting of three components, is now available commercially. The components are a 19-inch crossbar with a 3/8-inch lock hole, and two end brackets with three attaching holes. The dispenser design allows the end brackets to be attached to the wall 16 inches apart to match the standard stud spacing instead of to a thin wall section that offers little support. The crossbar holds three rolls of paper or one roll of paper towels and prevents the rolls from rotating freely. The user can have all the paper he or she wants, but will have to unroll it sheet by sheet. The dispenser, which comes standard with a glossy white enamel finish, can be ordered in quantity lots at reduced costs (costs are as of February 1981 and subject to change) from:

James Aslin  
4076 Wildwood Drive  
North Bend, OR 97459  
Telephone: (503) 756-5067

<u>Quantity</u>	<u>Cost (\$) each</u>
1-9	12.50
10-19	11.00
20-99	9.50
100 or more	8.50

Some of the problems associated with a poorly designed or an inadequate toilet paper dispenser are:

- Insufficient paper supply potentially leaves users without paper.
- Empty dispenser is frequently vandalized and/or removed.
- Dispenser without lock allows rolls to be removed for personal use, for starting campfires, or to be thrown into the vault.
- Dispenser that allows excessive paper to be rolled off results in depletion of supply, increased maintenance frequency, and added replenishment expense.
- Excessive paper also results in increased difficulty in removing waste from vault and chemical recirculating toilets; difficulty in digestion of the cellulose at treatment plants; increased cellulose addition to compost toilets; increased problems with layering in the holding tanks of oil-recirculating toilets; and potential clogging of low-volume, water-flush toilet discharge lines.
- Overstocking of paper within the building rafters or shelves causes a fire hazard, encourages removal by users; and allows malicious depositing of rolls into the vault. The rolls swell up when wet and will clog even a 6-inch pumping hose.

