

Tool and Equipment First-Round Winner

Innovations Challenge

April 2017

Prepared by Transportation Planning Missouri Department of Transportation

Underbody Flusher





Description

Cleaning the underbody of trucks helps prevent corrosion and rust from salt and other materials that are harmful to our equipment. Cleaning also helps detect possible future problems, such as leaks or cracks of any kind.

Benefit

Cleaning equipment helps with the longevity of MoDOT equipment which saves the department money, simplifies work and saves employees time cleaning equipment.

Materials and Labor

2 hours of staff time with \$70.20 in materials. Diagram on back page.

Underbody Flusher		
Innovation Challenge Materials and Cost Sheet		
Quantity	Material	Cost
1	6 ft Pipe	25
1	5' x 1 1/2" Square Tubing	13.5
1	18" X 5/8" Solid Round Stock	1.75
1	18 x 3/4" Round Stock	1.95
1	3"x 2" Square Tubing	0
2	4.00 x 6 x 13" 2 ply tires	28
4	Washers 1 3/4" round w/ 5/8" hole	0
2	Cotter pins	0
1	2" Valve	0
1	2" Female Fitting w/ Ears	0
Total		70.2

For More Information Contact:

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Additional photos or videos can be seen by accessing the Innovations Challenge SharePoint page at: http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx.

