

2012-13 District Winner

Tool and Equipment Challenge
<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>

April 2013

Prepared by Customer Relations
Missouri Department of Transportation

Tow Plow Calibration



Description

This method of tow plow calibration utilizes the anti-ice feature available in the ACS unit. A computer presentation was developed to provide step-by-step instructions.

Benefit

By calibrating the tow plow, the truck's cinder bed and tow plow can be controlled separately. With the calibration, the operator can easily keep track of every pound of salt used and save material. Additionally, this eliminates the need to purchase two heads per truck, since the calibration uses the anti-ice feature in the ACS unit. More control results in less material usage and a cost savings that can be used for roadway maintenance.

Parts and Labor

1 – 6.3 cu.in. feeder motor with sensor (#50550431)
1 – 10 meter bulkhead harness (#SG07050411)
1 – 3.5 meter feeder sensor cable (#SG07050411)

1 – 5 meter extension harness (#SG07050731-002)
1 – 7 meter extension harness (#SG07050485)

Total: \$700

Labor: 4-8 hours

For More Information

Contact Tom Brickhaus at (573) 768-1349. Additional photos can be seen by accessing the Innovations Showcase homepage at <http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>.