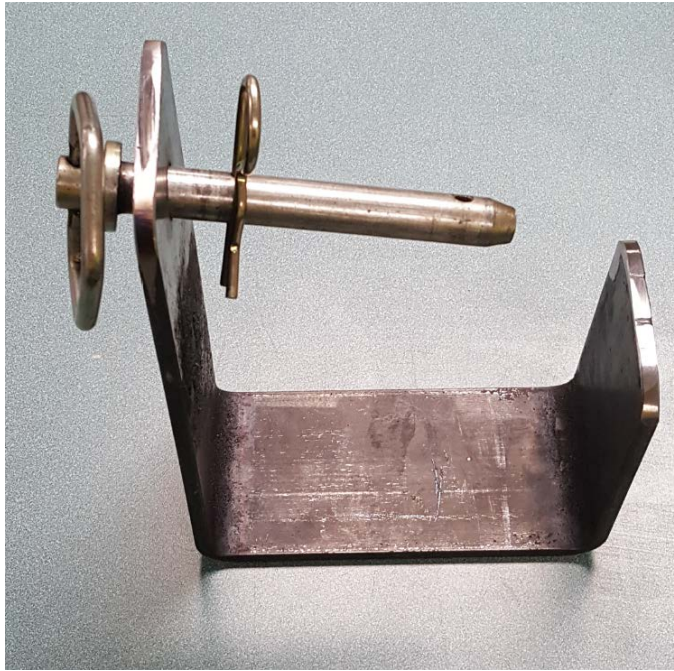


T & E First-Round Winner
Innovations Challenge

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Prepared by Transportation Planning
Missouri Department of Transportation

Plow Blade Holder



Description

The Plow Blade Holder is used for changing snowplow blades safely. After the old blades and moldboard are removed, the hitch pin is placed in the bolt hole, and the clip is inserted into the hitch pin holes. This prevents the hitch pin from sliding out. The new blades and moldboard can then be slid onto the hitch pin. Repeat this process for the length of the blade, and then slide the moldboard onto the hitch pins. New bolts can be started and tightened by hand.

Benefit

Using the Plow Blade Holder saves time and simplifies work. Most importantly, the holder improves safety by protecting hands and fingers from being injured while changing the blade.

Materials and Labor

Materials: \$200

Labor: 8 hours

For More Information Contact:

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