

Maintenance Research Bulletin: April 2020

NTREC New Technology Research Equipment Committee
MOR Maintenance Operations Research



RimWit Truck Wheel and Rim Removal Tool

The product is a typical puller but has chains and special hooks to grab rims in the "hand holes" where the valve stems are. It then pushes against the axle to pull the rims off.

The purpose of this project is to replace the old way of removing locked up truck tire rims. With the hub pilot wheel system on all of our trucks the rims rust and corrode on to the hubs. The typical way to release them is to use a large hammer, penetrating oil, or heat to get them off. Physically safer than a sledge hammer. Using an impact wrench and this puller means the rims will come off with less effort and with less chance of injury or muscle strains.

The district will evaluate by using the mechanics in Rochester and Owatonna. They will use the tool over a one year period and determine cost savings on labor, quality improvement from less damage and improved safety.

For more information contact:

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D6/ Rochester-Owatonna

Upcoming Events

Events subject to be
changed due to the
COVID 19 outbreak.

Stay Healthy!

NTREC Spring Meeting

St. Cloud, MN
May 6, 2020

Demo Days

Bemidji, MN
Postponed

Maintenance Research
Website:

<http://www.dot.state.mn.us/maintenance/research.html>

Comments / Questions

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