## Productivity First-Round Winner

Innovations Challenge

### April 2019

Prepared by Transportation Planning Missouri Department of Transportation

# Lug Nut Indicators





### Description

Lug Nut Indicators allow us to visually check the status of lug nuts to see if they are becoming loose. We install the indicators on the lug nuts and inspect them to see if they move resulting in a loose lug nut.

#### Benefit

Lug Nut Indicators save money by decreasing the likelihood of an accident from a loose wheel. It saves time and simplifies work by being able to visually check the lug nuts instead of having to manually check them. It also improves safety by making it easy to see if the lug nuts are tight.

### Materials and Labor

Material cost is \$6 per tire and takes about 25 minutes to install.

### For More Information Contact

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

