



Countries: CANADA, UNITED STATES Document ID: IK1700016
Availability: ISIS, NotSIR Revision: 0
Major System: WHEELS Created: 10/10/2016
Current Language: English Last Modified: 7/5/2017
Other Languages: NONE Author: James Santos
Viewed: 120

[Less Info](#)☒ Hide Details

Coding Information

Copy Link	Copy Relative Link	Bookmark	Add to Favorites	Print	Provide Feedback	Helpful	Not Helpful
		 View My Bookmarks				 10	 0

Title: Centrifuge Drum Best Practices

Applies To: Centrifuse Drums

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

10/10/2016 - Initial Article Release

DESCRIPTION

This document will guide the user through the steps required to properly inspect and mount wheels on Motor Wheel Centrifuge Drums

SYMPTOM(s)

Not Applicable

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments
Wire Brush	N/A	Obtain Locally
Scotch Bright Pad	N/A	Obtain Locally
3M Roloc Disc or Equivalent	N/A	Obtain Locally

REPAIR STEP(s)

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on a hard, flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

WARNING! To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

WARNING! To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

1. Inspect for both steer axle rims any visual crack on rim from mounting hole to hand hole(if so damaged rim will need to be replaced)



2. Remove both steer axle rims
3. Inspect inside mating surface for any crack from mounting hole to rim. If crack present rim will need to be replaced.



4. If rim is **NOT** cracked will need to be cleaned with Scotch pad.



Note: Before and after cleaning:



5. Remove drum and place on floor.

6. Clean both mating surfaces of the drum with 3m roloc disc or equivalent making sure to remove loose paint/burrs/debris

Note: Before and after cleaning:



Note: Don't forget to remove the paint/debris from the drum pilot mounting surface see picture below:



7. Clean Hub/hub pilot and studs with wire brush
8. It is recommended to add nylon gasket on Aluminum Rims
9. Install drum onto hub using [Centrifuse installation instructions](#)

OTHER RESOURCES

[Master Service Information Site](#)

[Drum Installation](#)

[Common Problems](#)

 Hide Details

Feedback Information

Viewed: 119

Helpful: 10

Not Helpful: 0

No Feedback Found