




# **Aluminum Alloy Remanufactured Wheel Discussion**

**Presentation by the  
Parts Committee  
Las Vegas, NV  
November 2, 2004**



# Your CIC Parts Committee Co-Chairs

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# **Your CIC Parts Committee**

## **Members**



- **Bob Jones – R Jones Collision Center**
- **Herb Lieberman – LKQ Corporation**
- **Karen Fierst – KarenOr Consultants**
- **Nick Scheid – API**
- **Bob Smith – Storm Services**
- **Doug Stein – Toyota**
- **Kevin Weidinger – OE Connection**
- **Tom Adams – OE Connection**
- **Spence Price – Toyota**
- **James Watson - ARA**
- **Chris Dameron – Tru2Form Collision**
- **Kelly Swenson – Carty’s Collision Center, President CAA**
- **Mary Lou Lubrano – CCC Information Services**



# Panel Discussion Participants

- **Charlie Hogarty – Consultant to Keystone Automotive**
- **Roger McClellan – Transwheel Corporation**
- **Joe Lubrano – Collision Repair Shop Owner**
- **Metallurgical Engineer**



**Due to the amount of information presented here and limited time constraints, all questions following the presentation must be submitted in writing via email to the CIC Parts Committee. Thank you for your cooperation!**



# Please Help Us Help You by Providing Feedback

- **Jeanne Silver**

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## **REPAIR GUIDELINES**

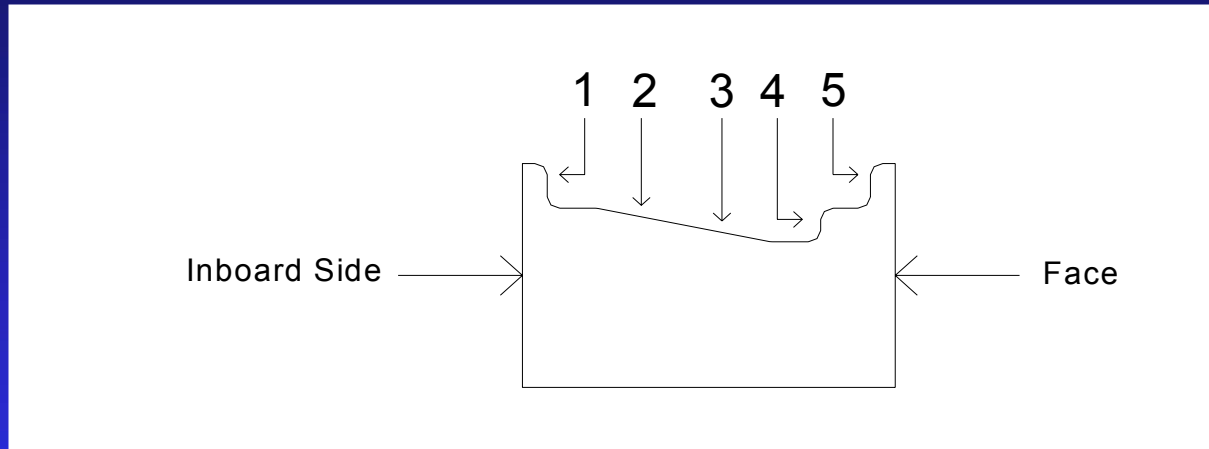
### **Welding:**

- 1. Cracks in the outboard flange that reach *beyond* the radius are considered not repairable.**
- 2. Cutouts to repair cracks in the outboard flange *may* slightly exceed the radius.**
- 3. Cracks that will require a cutout exceeding 6” are not repairable.**
- 4. Vertical cracks in the inboard flange that do not enter the “safety hump” may be welded.**
- 5. Cosmetic welding in the hub area is permitted.**



## Straightening

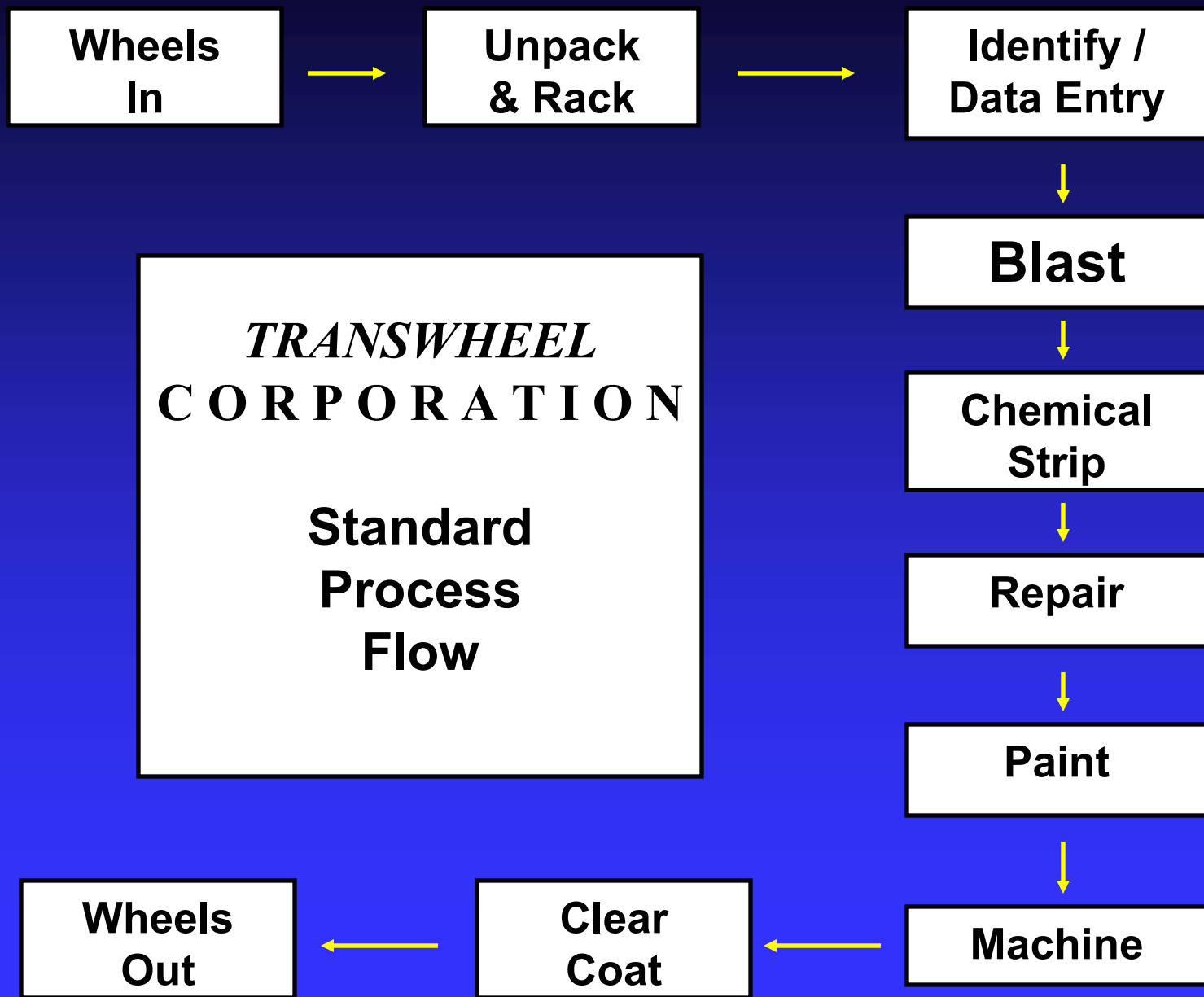
1. Spin the wheel while measuring the specified locations with the dial indicator.



2. Use the following chart to decide whether a wheel needs to be straightened. If any measurement exceeds the limit, the wheel must be evaluated by a Process Technician or Team Leader to determine its repairability.

Location	Straightened if greater than:		Limits:
	Range		Range
1	0.010		
2	0.020		0.250
3	0.020		0.100
4	0.020		0.050 – 0.090
5	0.010		





*TRANSWHEEL*  
**C O R P O R A T I O N**

**Standard  
Process  
Flow**



**Thank You For Your  
Participation!**



**God Bless Our Troops and God  
Bless America**