

CCM Technical Maintenance Bulletin



Bulletin 23 - October 15, 2012

Reporting of Errors

Your help can improve this bulletin. If you find mistakes or you know of a way to improve the procedures, please let us know at mnr@ccmpool.com



All CCM repair vendors are required to comply with Safety & Security Regulations imposed by Terminal Operators where work is performed, in accordance with the License Agreement and Article 5.8 of the Form Agreement D.

Are you registered with DRS?

All truckers and depots are encouraged to register no later than June 1, 2010. For details visit us at www.chassis.com



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Tire Mating

Recent inspections of tires removed from service in various pools revealed several unusual wear patterns. One of the most common wear patterns is where one side of the tire is worn more than the other. This wear pattern is in many cases caused by improper mating of the tires.

Even though we predominantly use one size tire, tires from different manufacturers, and even different models by the same manufacturer, can be different diameters. For this reason it is important to ensure that all persons changing tires are aware of the height of the tires they are installing and are only installing tires that properly mate to the other tire on the same wheel. Variances in tires sizes result in premature wear to the tires and contribute to tire failures due to overloading.

FMCSA requirements for tire mating are 7/16th (.43) inches. In other words, there can be no more than 7/16th inches variance between the overall height of two tires mounted on the same wheel. To reduce premature wear and minimize overload, CCM has instituted a mating requirement of 3/8th (.375) inches variance between two tires mounted on the same side of the same axle. Please note that this specification applies to both OEM and retread tires.

To assist in mating of tires, please refer to the following chart as a guide. This chart illustrates the overall diameter of each tire that CCM purchases and the variance of each tire to the New Pride tire.



Tire	Overall Diameter	Variance
New Pride	41.11	
Leopard CR918	41.56	0.45
Leopard R338	41.25	0.14
Security KSRJ	41.7	0.59
Super Cargo	41.81	0.7
Super Tire Super A	41.34	0.23
Marcher QZ108	40.85	-0.26

Being aware of the brands of tires and their respective diameters is crucial for successful mating of tires. Repair vendors should mount like brands whenever possible, i.e., if they are replacing LOR and the LIR is a Leopard CR918, they should mount another CR918 as the replacement tire. They should never mount a CR918 next to a New Pride Tire.

Any questions or comments regarding this publication should be directed to the Manager, M&R Chassis Technical Services at dgreen@ccmpool.com

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