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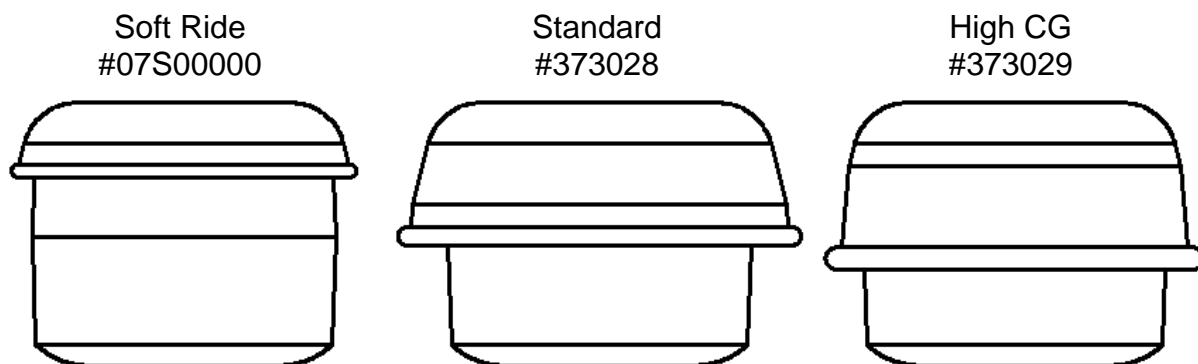
Engineering Bulletin

Chalmers 800 Series Spring Restrictor Can Usage Guide

Chalmers' well-proven 800 series suspension now offers three levels of ride control. Chalmers has responded to the markets growing needs by tailoring the ride characteristics to the customers needs while still maintaining Chalmers' best in class articulation and load stability. This guideline is being issued to help refine the usage of the optional restrictor cans.

Unless otherwise specified, all 800 Series Tandem Truck Suspensions will be shipped from the factory with the standard spring restrictor can (#373028). This can was designed to provide optimum ride and stability in most vocational applications.

Chalmers' experience has determined benefits in using the optional (HCG -#373029*, SR- #07S00000**) restrictor cans in specific vocations. Recommendations for the use of these optional restrictor cans are detailed in the chart below. OEMs should review specific applications to determine the most suitable restrictor can for the end users' application.



Notes:

* The High Center of Gravity Can is required for all Laden CG greater than 89" above the road

** The SR can is not to be used with High Center of Gravity applications



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Chalmers 800 Series Tractor/Trailer and Full Truck Applications Class 8 and Medium Duty							
Full Truck Applications				Tractor Applications			
Can Availability				Can Availability			
Truck Type	Soft Can	Standard Can	High Center of Gravity Can	Trailer Type	Soft Can	Standard Can	High Center of Gravity Can
Beverage	S	O	N/A	Auto/Marine Carrier	S	O	O
Dry Bulk Hopper	O	S	O	Bottom Dump	S	O	O
Fire Truck Pumper	O	S	O	Doubles, Triples	S	O	O
Flatbed	O	S	O	Dry Van	S	O	O
Flatbed w/Utility Crane	O	S	O	End Dump	Approval Req	S	O
Roll Back Flatbed	N/A	S	O	Flatbed	S	O	O
Service Body	N/A	S	O	Reefer Van	S	O	O
Tank	O	S	O	Tank	S	O	O
Van	O	S	N/A	Logger, single bunk or semi	O	S	O
Wrecker	N/A	S	O	LowBoy	S	O	O
Other	Approval Req	Approval Req	Approval Req	Other	Approval Req	Approval Req	Approval Req
Block Body	N/A	S	O	S= Suggested Can R = Required Can O= Optional Can N/A = Not Available			
Concrete Mixer	N/A	N/A	R				
Concrete Pump	N/A	S	O				
Cotton Module	N/A	S	O				
Crane/Boom	N/A	S	O				
Drilling Derrick	N/A	S	O				
Dromedary Box or Auto Rack	N/A	S	O				
End Dump	Approval Req	S	O				
Logger	N/A	S	O				
Oil Field Rig-up	N/A	S	O				
Oil Well Servicing Equip	O	S	O				
Refuse Loader/packer	N/A	S	O				
Refuse Other	N/A	S	O				
Roll On/Roll Off	N/A	S	O				
Stone Slinger	N/A	S	O				
Super Dump	N/A	S	O				
Transfer Dump	O	S	O				
Vacuum Tank	O	S	O				

Notes:

- * The High Center of Gravity Can is required for all Laden CG greater than 89" above the road
- ** The SR can is not to be used with High Center of Gravity applications