CENTER OF GRAVITY AND WEIGHT DISTRIBUTION **8/14/2017**

WHEELBASE CHANGES OR AUXILIARY AXLE INSTALLATION

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VEHICLE:	Front GAWR (lbs.)	Rear GAWR (lbs.)	GVWR (lbs.)

GVWR should not be increased unless a FMVSS 121 analysis is performed. See instruction manual for additional information.

Chassis Components Before Modification

Original Wheelbase:		*inches*
Cab to Axle/Trunion:		*inches*
Number of Original Rear Axle(s):		

	Front Weight (lbs.)	Rear Weight (lbs.)	Total Weight (lbs.)
Base Chassis Weights			0

Note: The accuracy of these calculations depends on the accuracy of the input data.

New Wheelbase and/or Additional Axle(s)

	New Wheelbase, or enter original if not altering (inches)	Weight of Original Rear/Additional Axle(s) (lbs.)	Desired Axle Load for weight Proportioning (lbs)	Gross Axle Weight Rating (lbs.)
Data for Original Rear Axle(s):				
Additional Axles				
Axle Number 1:				
Axle Number 2:				
Axle Number 3:				
Axle Number 4:				
Axle Number 5:				

Added Components

Component	Horizontal C.G. (inches)	Vertical C.G. (inches)	Weight (lbs.)
CHASSIS	#DIV/0!		0
DESIRED PAYLOAD			
		Total Weight:	**0**

Horizontal CG:	**#DIV/0!**	*inches*
Vertical CG:	**#DIV/0!**	*inches*

Rear Axles Proportioned for Capacity

Front Weight (lbs):	**#DIV/0!**	**#DIV/0!**
Total Rear Weight (lbs):	**#DIV/0!**	**#DIV/0!**

% of Total Vehicle Weight

% Weight on Front:	#DIV/0!
% Weight on All Rear:	#DIV/0!

Original Rear Axle(s) Wt. (lbs)	*Axle 1 Wt. (lbs)*	*Axle 2 Wt. (lbs)*	*Axle 3 Wt. (lbs)*	*Axle 4 Wt. (lbs)*	*Axle 5 Wt. (lbs)*
#DIV/0!	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
#DIV/0!	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**

Note: The accuracy of these calculations depends on the accuracy of the input data.