

New Generation Wide Base Single (NGWBS) Wheel Approval Information Sharing

The information contained in this chart was gathered from Original Equipment, axle and wheel manufacturers and is intended to be a reference only when considering retrofitting an existing tractor or trailer or specifying new equipment with New Generation Wide Based Single Tires. The Original Equipment Manufacturers should always be consulted whether retrofitting an existing unit or specifying a new one. The contact information and wheels approved are subject to change.

Highway Tractor				
New Generation Wide Base Single (NGWBS) Wheel Approval				
Manufacturer	Retrofitting MICHELIN X One Tire	New Vehicle Orders		
		Axle Mfg	Axle Width	Wheel Approval
Freightliner Western Star	Contact the local Freightliner Servicing Dealer - Dealer will contact Freightliner District Service Manager	Axle Alliance Corporation	Standard	2"
			Intermediate	0" or 0.56" outset
			Wide (Note 1)	0" or 0.56" outset
		Meritor	Intermediate (DualTrac)	0" or 0.56" outset
			Wide (Note 1)	0" or 0.56" outset
		Dana	Standard	2" (Note 2)
			Intermediate	not available from Dana
			Wide (Note 1)	0" or 0.56" outset
		International Truck	Contact the local International Truck Servicing Dealer - Dealer will contact International Truck Application Engineering Group	Meritor
Intermediate (DualTrac)	0" or 0.56" outset			
Wide (Note 1)	0" or 0.56" outset			
Dana	Standard			2" (Note 2)
	Intermediate			not available from Dana
	Wide (Note 1)			0" or 0.56" outset
Kenworth Truck	Contact the local Kenworth Servicing Dealer - Dealer will contact Kenworth District Service Manager	Meritor	Intermediate (DualTrac)	0" or 0.56" outset
			Wide (Note 1)	0" or 0.56" outset
		Dana	Standard	2" (Note 2)
			Intermediate	not available from Dana
			Wide (Note 1)	0" or 0.56" outset
			Wide (Note 1)	0" or 0.56" outset
Peterbilt Truck	Applications Engineering Jim Bingaman - (940) 591-4128 Darla Melton - (940) 591-4092 Derek Thetford - (940) 591-4093	Meritor	Intermediate (DualTrac)	0" or 0.56" outset
			Wide (Note 1)	0" or 0.56" outset
		Dana	Standard	2" (Note 2)
			Intermediate	not available from Dana
			Wide (Note 1)	0" or 0.56" outset
			Wide (Note 1)	0" or 0.56" outset
Volvo Truck Mack Truck	Contact the local Volvo/Mack Servicing Dealer - Dealer will contact Volvo or Mack District Service Manager	Meritor	Intermediate (DualTrac)	0" or 0.56" outset
			Wide (Note 1)	0" or 0.56" outset
		Dana	Standard	2" (Note 2)
			Intermediate	not available from Dana
			Wide (Note 1)	0" or 0.56" outset
			Wide (Note 1)	0" or 0.56" outset

Note 1: Wide drive axles are not compatible with dual tires. Fitting dual tires on wide axles will exceed overall width limits.

Note 2: Dana approves 2" outset on 11.0 mm axle housings. Dana does not approve 2" outset wheels on 9.5 mm axle housings.

Highway Trailer

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		Axle Mfg	Axle Width	Wheel Approval
Trailer Manufacturers follow guidance from their axle supplier	Contact the local trailer dealer. Dealer should contact the trailer manufacturer district or regional Service Representative.	Hendrickson	Standard	2" approved only for "P" Spindle
			Wide	0" or 0.56" approved only for "P" or "N" Spindle
		Meritor	Standard	2" approved only for "P" Spindle
			Wide	0" or 0.56" approved only for "P" or "N" Spindle
		Reyco Granning	Standard	2" recommended only for "P" Spindle
			Wide	No wide axle available

Vocational - Refuse, Concrete Mixer

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		Axle Mfg	Axle Width	Wheel Approval
Autocar Mack Truck Peterbilt Truck	Contact the local truck dealer	Dana, Meritor	Standard	1" outset approved for certain heavy axles - contact OE or Axle Manufacturer for details

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