

Servicing Pre-Adjusted Wheel Ends; Dos and Don'ts

To service pre-adjusted wheel ends and maximize performance, follow the DOs and DON'Ts below. **Note: A spacer between the inner and outer bearings can identify a pre-adjusted wheel end.**

DO

- Clean the hub and all components during routine service intervals and when maintenance is required.
- Inspect the bearings, seal, spacer and hub for unusual wear.
- Replace the seal whenever the hub is removed from the spindle.
- Replace all bearings and the spacer if they show signs of wear. To maximize performance, replace them at the same time. Try the Timken Set-Right™ Commercial Vehicle Hub Rebuild Kits listed on the back of this sheet.
- Use the same type of lubricant or compatible OEM approved lubricant.
- Follow your hub supplier or OEM's service recommendations and procedures.
- Use the exact Timken® NP part number replacement bearings with pre-adjusted systems.

DON'T

- Use the spacer if you are converting your pre-adjusted hub to a manually-adjustable wheel end system.
- Use industry standard components for pre-adjusted systems. Always use OEM specified service parts for replacements.
- Reuse components that are damaged or excessively worn.
- Mix oils and greases.

Following these simple Do's and Don'ts will help avoid safety problems and limit the amount of unnecessary wheel end maintenance.

Note: Hubs with spacers require the use of exact NP part number replacement bearings to achieve the correct system setting range. Industry standard part numbers may be used only if the spacer is removed and the bearings are manually adjusted.

WARNING

Failure to observe the following warnings could create a risk of death or serious injury.

Never spin a bearing with compressed air. The components may be forcefully expelled. Proper maintenance and handling practices are critical. Always follow installation instructions and maintain proper lubrication. A bearing/component should not be put into service if its shelf life has been exceeded.

CAUTION

Failure to follow these cautions may result in property damage

Use of improper bearing fits may cause damage to equipment.
Do not use damaged bearings.

TechTips is not intended to substitute for the specific recommendations of your equipment suppliers.

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.



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FFTC1 - FF Steer Kit			
Kit Contents	MileMate® P/N	Component P/N	Qty
Inner NP cone	SET427*	NP899357	1
Inner NP cup		NP026773	1
Outer NP cone	SET428*	NP874005	1
Outer NP cup		NP435398	1
Spacer**			1

RDTC1 - R Drive Kit			
Kit Contents	MileMate® P/N	Component P/N	Qty
Inner NP cone	SET429*	NP034946	1
Inner NP cup		NP363298	1
Outer NP cone	SET430*	NP840302	1
Outer NP cup		NP053874	1
Spacer**			1

TNTC1 - N Trailer Kit			
Kit Contents	MileMate® P/N	Component P/N	Qty
Inner NP cone	SET431*	NP965350	1
Inner NP cup		NP503727	1
Outer NP cone	SET427*	NP899357	1
Outer NP cup		NP026773	1
Spacer**			1

TPTC1 - P Trailer Kit			
Kit Contents	MileMate® P/N	Component P/N	Qty
NP cone	SET432*	NP174964	2
NP cup		NP593561	2
Spacer**			1

FLTC1 - FL Steer Kit			
Kit Contents	MileMate® P/N	Component P/N	Qty
Inner NP cone	SET445*	NP294109	1
Inner NP cup		NP039695	1
Outer NP cone	SET446*	NP107091	1
Outer NP cup		NP183330	1
Spacer**			1

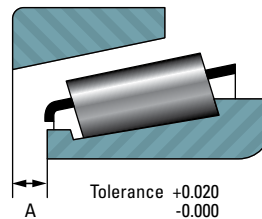
FFTC2 - 454-Series™ FF Steer Kit†			
Kit Contents	MileMate® P/N	Component P/N	Qty
Inner NP cone	SET603*	NP454357	1
Inner NP cup		NP454773	1
Outer NP cone	SET605*†	NP454005	1
Outer NP cup		NP454398	1
Spacer**			1

RDTC2 - 454-Series™ R Drive Kit			
Kit Contents	MileMate® P/N	Component P/N	Qty
Inner NP cone	SET600*	NP454946	1
Inner NP cup		NP454298	1
Outer NP cone	SET601*	NP454302	1
Outer NP cup		NP454874	1
Spacer**			1

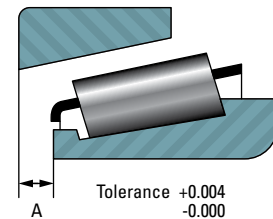
TNTC2 - 454-Series™ N Trailer Kit			
Kit Contents	MileMate® P/N	Component P/N	Qty
Inner NP cone	SET602*	NP454350	1
Inner NP cup		NP454727	1
Outer NP cone	SET603*	NP454357	1
Outer NP cup		NP454773	1
Spacer**			1

TPTC2 - 454-Series™ P Trailer Kit			
Kit Contents	MileMate® P/N	Component P/N	Qty
NP cone	SET604*	NP454964	2
NP cup		NP454561	2
Spacer**			1

Standard Bearing (HM)



Controlled Width Bearing (NP)



* Includes proprietary Timken part numbers ** Spacer not sold separately † Check for availability.



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