

Set-Right™ Heavy-Duty Hub Rebuild Kits

TIMKEN

Where You Turn

Rebuild Your Hubs – Get the Timken Advantage

Kit Components Features and Benefits

Quality Timken® MileMate® Bearings



- Original equipment used in heavy-duty, pre-adjusted wheel hub assemblies since 1995
- Engineered exclusively for pre-adjusted wheel hubs
- Precise half-stand tolerancing provides accurate setting every time
- Consistent and reliable internal geometry equals known performance
- Helps lengthen maintenance intervals
- Helps optimize bearing performance
- Timken “NP” part numbers
 - Proprietary design
 - Enhanced surfaces
 - More precise internal bearing geometry
 - Exceed industry standards
 - Rebuilding with NP parts helps ensure you get all the advantages that were originally engineered into the heavy-duty, pre-adjusted hub systems



Precision Machined Cone Spacer

- Designed for the rigorous demands of the heavy-duty wheel market

- Made from high-strength alloy
- Manufactured to precise tolerances
- Combined with Timken half-stand bearings and a special toleranced hub, the need for manual adjustment is eliminated

Go With the Proven Leader

In order to make it easier and more convenient for you to rebuild hubs, Timken now offers Set-Right™ Heavy-Duty Hub Rebuild Kits incorporating two Timken MileMate sets – the original matched wheel bearing sets produced in North America - and a precision OE spacer.

In the mid-1970s, Timken engineers developed the Set-Right setting method to help optimize bearing performance. Then, in the mid-1990's, working with the leader in heavy-duty hub innovation, this pre-adjusted bearing technology was launched into the North American marketplace. The bearings used in these applications are known as half-stand bearings; they have half the stand tolerance (measurement tolerance) of that used in standard bearings. This means that the stand tolerance is twice as stringent (see diagram on backside). Timken has been supplying these bearings for the North American heavy-duty industry's most popular pre-adjusted wheel ends since 1995.

Using our specially toleranced bearings in conjunction with a precision OE machined spacer allows you to achieve the proper wheel bearing end-play, eliminating the need for manual bearing adjustment. The repeatability of the bearing setting range provides for optimum seal and bearing life.



This consistency could help reduce fleet fuel costs.

We understand what the heavy-duty industry demands from their bearings and provide quality products that help to keep fleets operating more cost efficiently and cost effectively. In fact, if you look inside your wheel-ends, the odds are in your favor that you'll find Timken bearings. Why not replace them with the original? Go with the proven leader.

Timken is where you turn for original matched wheel bearing sets and the assurance that your bearings are Set-Right.

Set-Right Kits – The Right Choice

- Enable faster and more reliable wheel-end builds; helps improve up-time
- Lower component counts; reduce inventory
- Help optimize seal performance and life
- Eliminate manual adjustment, one of the leading causes of wheel end issues

Set-Right Heavy-Duty Hub Rebuild Kits and Components

FFTC1 - FF Steer Kit			
Kit Contents	MileMate P/N	Component P/N	Qty
Inner half-stand NP Cone	SET427	NP899357	1
Inner half-stand NP Cup		NP026773	1
Outer half-stand NP Cone	SET428	NP874005	1
Outer half-stand NP Cup		NP435398	1
Spacer *		103592TKR	1

RDTC1 - R Drive Kit			
Kit Contents	MileMate P/N	Component P/N	Qty
Inner half-stand NP Cone	SET429	NP034946	1
Inner half-stand NP Cup		NP363298	1
Outer half-stand NP Cone	SET430	NP840302	1
Outer half-stand NP Cup		NP053874	1
Spacer *		103593TKR	1

TNTC1 - N Trailer Kit			
Kit Contents	MileMate P/N	Component P/N	Qty
Inner half-stand NP Cone	SET431	NP965350	1
Inner half-stand NP Cup		NP503727	1
Outer half-stand NP Cone	SET427	NP899357	1
Outer half-stand NP Cup		NP026773	1
Spacer *		104144TKR	1

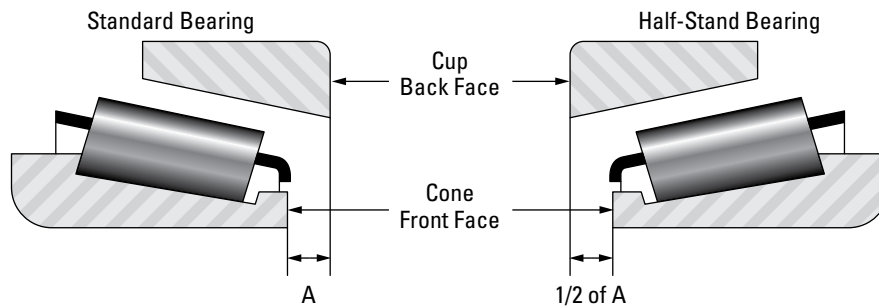
TPTC1 - P Trailer Kit			
Kit Contents	MileMate P/N	Component P/N	Qty
Inner half-stand NP Cone	SET432	NP174964	1
Inner half-stand NP Cup		NP593561	1
Outer half-stand NP Cone	SET432	NP174964	1
Outer half-stand NP Cup		NP593561	1
Spacer *		104412TKR	1

* Spacer not sold separately

CAUTION

Prior to retrofitting or rebuilding your existing pre-adjusted wheel-end, you must start with the proper hub. Hubs designed for use with the Set-Right kits have special internal tolerancing that helps achieve maximum performance. Contact your hub supplier if you are unsure. The use of a standard hub will create an undesirable setting range, which may result in component damage.

Half-Stand Bearing Description



Assembled Stand Tolerance =
 Measurement between the cone front face and cup back face
 Standard bearing stand tolerance = A
 Half-stand bearing tolerance = 1/2 of A

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