

DRIVETRAIN SERVICE KITS FOR DIFFERENTIAL REBUILDING

THE NTN VALUE PROPOSITION

NTN Bower Drivetrain Service Kits are the ONLY ones that can guarantee that every bearing included in the kit is a high quality, case carburized, American made product. NTN Bower bearings are OEM preferred. From the bearing heat treatment, to dimensional tolerances, to stringent ISO quality requirements - NTN Bower bearings deliver the performance the OEM specified in their designs with the quality standards that they demand.

Order the exact Differential Kit you need without extra components like sealant, output shaft bearings, or threadlocker.

- ✓ Save time and money
- ✓ Reduce waste
- ✓ Protect the environment



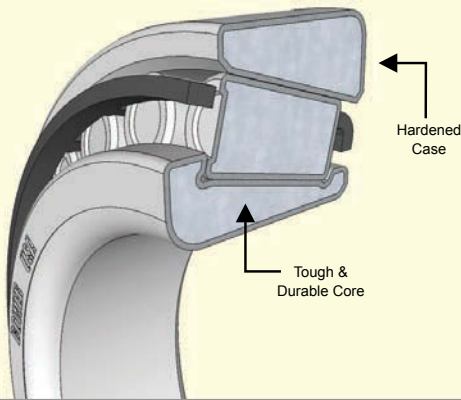
NTN BOWER KIT APPLICATIONS - REBUILDER

NTN Bower Kit #	Application Summary	Kit Contents Note
NDK196-V100	Eaton Forward-Rear Differential	Does not contain output shaft bearing, output shaft seal, or sealant
NDK1A-V100	Eaton Rear-Rear Differential	Does not contain sealant
NDK205-V100	Mack Differential	Does not contain sealant
NDK206-V100	Mack Differential	Does not contain sealant
NDK404F-V100	Eaton Forward-Rear Differential	Does not contain output shaft bearing, output shaft seal, or sealant
NDK404R-V100	Eaton Rear-Rear Differential	Does not contain sealant
NDK4396-V100	Meritor Forward-Rear Differential	Does not contain the output shaft bearings, output shaft seal, threadlocker, or sealant
NDK4400-V100	Meritor Rear-Rear Differential	Does not contain sealant

DRIVETRAIN SERVICE KITS

QUALITY AND VALUE. TRUST NTN BEARINGS.

NTN BOWER DRIVETRAIN SERVICE KITS are filled with the same high quality components trusted by the OEM manufacturer for decades. From the bearing heat treatment, to dimensional tolerances, to internal design features – NTN Bower bearings deliver the performance the OEM specified with the quality standards they demand.



CASE CARBURIZED BEARINGS FOR LONG LIFE

All NTN Bower bearings undergo a special heat treatment called case-carburization. This process creates a hardened steel “case” around the outside of the bearing with high wear and fatigue resistance, while leaving the “core” of the bearing tough and durable. This creates greatly increased component durability and extended bearing life just as the axle OEM intended. As a result, you increase maintenance intervals and reduce downtime.

What does that mean for you?

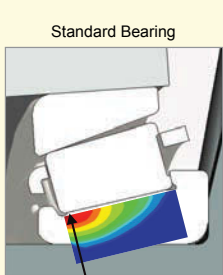
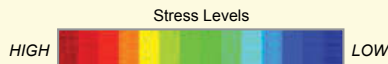
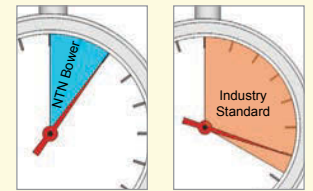
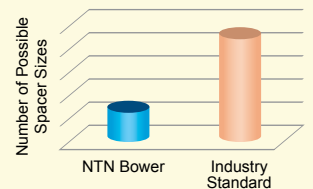
- ✓ Increase maintenance intervals and reduce downtime

TIGHTER TOLERANCES FOR EASY PINION SPACER SELECTION

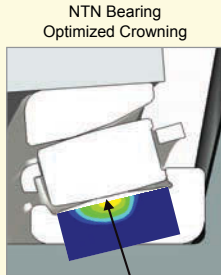
NTN Bower pinion bearings are made to the OEM axle manufacturer specification. This includes a width tolerance (front face stand height) that is over 70% tighter than standard bearing product.

What does that mean for you?

- ✓ Quick, easy, and consistent pinion preload setting
- ✓ Use the nominal spacer more often
- ✓ Reduced pinion spacer inventory - cost savings
- ✓ Reduced pinion assembly time - cost savings



High Edge Stress, Premature Failure Point



Greater Contact Area, Reduced Stress

OPTIMIZED CROWNING FOR INCREASED DIFFERENTIAL SIDE BEARING LIFE

The axle OEM understands that differential side bearings can lead a hard life. Heavy loads can cause the differential carrier and bearing cap assembly to deflect, resulting in excess stress on the bearing raceway that will lead to reduced bearing life. That is why the axle OEM worked with NTN Bower to design these side bearings with special roller and raceway crowning features to extend bearing life.

What does that mean for you?

- ✓ Extended bearing life