



BEARINGS by **NTN**

MEDIUM-DUTY WHEEL END PRODUCT OFFERING



CAT. No. MDWECAT18

Medium-Duty Wheel End Product Offering

Medium-duty trucks are built with muscle to tackle heavy loads without a hitch. They are designed to take a beating as keeping them in motion is critical to getting the job done.

BCA Bearings, powered by NTN, a long-time trusted OE supplier to this market, is proud to be providing aftermarket solutions. We have the durable bearing products you need to keep Class 4-6 trucks on the road and carrying the load. Our medium-duty line has you covered with wheel hub assemblies, tapered roller bearings and seals.

Features and Benefits



CUSTOM DESIGNED SEALS

- All BCA applications that require ABS functionality utilize our custom-designed seals that are molded over with magnetic encoders to ensure proper ABS operation

PREMIUM WHEEL STUDS

- Forged-steel construction provides the toughness and durability required for even the harshest applications

PRECISION CAGE DESIGN

- Rolling element cages reduce friction by keeping rolling elements spaced correctly, preventing damage and resulting in reduced operational temperatures

OE-STYLE ABS PLUGS

- Application-specific components to ensure proper connection and performance of the ABS module and sensors

PREMIUM GREASE

- Pre-lubricated bearings packed with specialized grease provide longer life and a wider range of operational temperatures

WORLD-CLASS ENGINEERING

- Application-specific engineering design reduces noise, vibration and harshness (NVH), helping to avoid unnecessary comebacks



MULTI-CONTACT SEAL AND GREASE LIPS

- Keep lubricants in and contaminants out, providing continuous lubrication to reduce wear and aging

SUPERIOR OPERATION IN WIDE RANGE OF TEMPERATURES

- Provides optimal performance and long life

LOW SEAL SWELL

- Reduces torque and improves vehicle gas mileage

BCA ENGINEERS PHYSICALLY VALIDATE EACH SKU

- Ensures accuracy in form, fit & function



CASE-CARBURIZED ROLLERS & RACEWAYS

- For excellent endurance against shock loads and ensuring low friction, even load distribution, and extended bearing life when compared to through-hardened products

DODGE TRUCK - MEDIUM DUTY - RAM4000, RAM4500, RAM5500				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Front Wheel - RWD				
2010-2008 RAM4500, RAM5500				
Wheel Bearing & Hub Assy		WE61579		2
2006-2005 RAM4000				
Wheel Bearing & Hub Assy		WE61572		2
Front Wheel 4WD				
2010-2008 Ram4500, RAM5500				
Wheel Bearing & Hub Assy		WE61579		2
Rear Wheel RWD & 4WD				
2010-2008 RAM4500, RAM5500				
Seal	Inner	NS710454		2
Set	Inner	WE61740	33281-33462	2
Set	Outer	WE61748	39250-39412	2

RAM TRUCK - MEDIUM DUTY - 4500, 5500				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Front Wheel RWD & 4WD				
2017-2011 4500, 5500				
Wheel Bearing & Hub Assy		WE61579		2
Rear Wheel RWD & 4WD				
2017-2011 4500, 5500				
Seal	Inner	NS710454		2
Set	Inner	WE61740	33281-33462	2
Set	Outer	WE61748	39250-39412	2
Rear Wheel RWD & 4WD				
2010-2008 RAM4500, RAM5500				
Seal	Inner	NS710454		2
Set	Inner	WE61740	33281-33462	2
Set	Outer	WE61748	39250-39412	2

FORD TRUCK - MEDIUM DUTY - E450, E550, F450, F550 SUPER DUTY SERIES				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Front Wheel - RWD & 4WD				
2016-2011 F450 Super Duty (Chassis Cab), F550 Super Duty				
Wheel Bearing & Hub Assy (RWD)		WE60627		2
Wheel Bearing & Hub Assy (4WD)		WE60624		2
2016-2011 F450 Super Duty (Excludes: Chassis Cab)				
Wheel Bearing & Hub Assy		WE60623		2
Front Wheel RWD				
2017-2001 E450 Super Duty; Twin I-Beam Axle				
Seal	Inner	NS710625		2
Set	Inner	WE60827	LM102949-LM102910	2
Set	Outer	WE61744	15101-15245	2
2016-2011 F450, F550 Super Duty, Mono Beam Axle				
Wheel Bearing & Hub Assy		WE60627		2
2010-2005 F450, F550 Super Duty, Mono Beam Axle				
Wheel Bearing & Hub Assy		WE61406		2
2017-2007 F450, F550 Super Duty, Twin I-Beam Axle				
Seal	Inner	NS710584		2
Set	Inner	NBA55	NP123221-NP787333	2
Set	Outer	NBA56	NP903590-NP640324	2
2006-2000 F450, F550 Super Duty; Twin I-Beam Axle				
Seal	Inner	NS4160		2
Set	Inner	WE60827	LM102949-LM102910	2
Set	Outer	WE61744	15101-15245	2
2004-2000 F450, F550 Super Duty; Mono Beam Axle				
Wheel Bearing & Hub Assy		WE61578		2
2003-2002 E550 Super Duty				
Seal	Inner	NS710640		2
Set	Inner	WE60827	LM102949-LM102910	2
Set	Outer	WE61744	15101-15245	2

FORD TRUCK - MEDIUM DUTY - E450, E550, F450, F550 SUPER DUTY SERIES				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Rear Wheel RWD & 4WD				
2016-2000 F450 (Chassis Cab), F550 Super Duty				
Seal	Inner	NS710454		2
Set	Inner	WE61740	33281-33462	2
Set	Outer	WE61748	39250-39412	2
2016-2011 F450 Super Duty (Excludes: Chassis Cab)				
Seal	Inner	NS9864S		2
Set	Inner	WE61752	387AS-382A	2
Set	Outer	WE60695	LM104949-LM104911	2
Rear Wheel RWD				
2017-2008 E450 Super Duty				
Seal	Inner	NS9864S		2
Set	Inner	WE61752	387AS-382A	2
Set	Outer	WE60695	LM104949-LM104911	2
2007-2006 E450 Super Duty				
Seal	Inner	NS9864S (Non-ESC)*		2
Seal	Inner	NS710586 (ESC)*		2
Set	Inner	WE61752	387AS-382A	2
Set	Outer	WE60695	LM104949-LM104911	2
2017-2000 E450, E550 Super Duty				
Seal	Inner	NS9864S		2
Set	Inner	WE61752	387AS-382A	2
Set	Outer	WE60695	LM104949-LM104911	2

*ESC - Electronic Stability Control

FREIGHTLINER - MEDIUM DUTY - M2 106				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Front Wheel - RWD				
2013 2003 (7,500 - 8,000 lb. Axle)				
Seal	Inner	NS370150A		2
Set	Inner	WE61736	JM207049A/JM207010	2
Set	Outer	WE61743	25877-25820	2
2013 - 2003 Manual Adjust Hub (12,000 - 18,000 lb. Axle)				
Seal	Inner	NS370001A		2
Set	Inner	NBSET413	HM212049-HM212011	2
Set	Outer	NBSET406	3782-3720	2
2013-2003 Manual Adjust Hub. Wide Single Tire (12,000 - 18,000 lb. Axle)				
Seal	Inner	NS370001A		2
Set	Inner	NBSET440	A-HM212049VW6-HM212011PW1	2
2013-2003 Preset Spacer Hubs (12,000 - 18,000 lb. Axle)				
Seal	Inner	NS370001A		2
Set	Inner	WE60827	LM102949/LM102910	2
Set	Outer	NBSET428	3782PW5/3720PW1	2
2013-2003 Preset Spacer Hubs, Wide Single Tires (12,000 - 18,000 lb. Axle)				
Seal	Inner	NS370001A		2
Rear Wheel RWD				
2013-2003 (17,000 - 19,000 lb. Axle)				
Seal	Inner	NS370023A		2
Set	Inner	NBSET411	47686-74620	2
Set	Outer	NBSET408	39590-39520	2
2013-2003 Manual Adjust Hub. (21,000 - 26,000 lb. Axle)				
Seal	Inner	NS370003A		2
Set	Inner	NBSET403	594A-592A	2
Set	Outer	NBSET401	580-572	2
2013-2003 Manual Adjust Hub. Wide Single Tire (21,000 - 26,000 lb. Axle)				
Seal	Inner	NS370003A		2
Set	Inner	NBSET441	HM218248VW4-HM218210VW4	2
Set	Outer	NBSET440	A-HM212049VW6-HM212011VW6	2
2013-2003 Preset Spacer Hubs (21,000 - 26,000 lb. Axle)				
Seal	Inner	NS370003A		2
Set	Inner	NBSET429	594APW5-592APW1	1
Set	Outer	NBSET430	580PW5-572PW1	1
2013-2003 Preset Spacer Hubs, Wide Single Tires (21,000 - 26,000 lb. Axle)				
Seal	Inner	NS370003A		2

CHEVROLET/GMC TRUCK - MEDIUM DUTY - 40, 50, 60, 70, 4100, 4400, 4500, EXPRESS/SAVANA 4500				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Front Wheel RWD				
2016-2009 Express 4500 (9,800 lb. GVW or less)				
Wheel Bearing & Hub Assy		WE61343		2
2016-2009 Express 4500 (9,800 lb. GVW or greater)				
Wheel Bearing & Hub Assy		WE61310		2
2009-2003 C4500 (up to 7,000 lb. Axle)				
Set	Inner	WE61745	25590/25520	2
Set	Outer	WE60716	LM48548/LM48510	2
2009-2003 C4500 (with 7,000 lb. Axle)				
Seal	Inner	NS370150A		2
Set	Inner	WE61736	JM207049A/JM207010	2
Set	Outer	WE60716	LM48548/LM48510	2
2009-2003 C5C042 (with 8,000 lb. Axle)				
Seal	Inner	NS370150A		2
Set	Inner	WE60716	LM48548/LM48510	2
Set	Outer	WE61743	25877/25820	2
Rear Wheel RWD				
2016-2009 Express 4500				
Seal	Inner	NS710568		2
Set	Inner	NBA46	NP706218-NP910345	2
Set	Outer	NBA47	NP145100-NP913325	2
2009-2003 C4500 (with Dana 13,500 lb Axle)				
Set	Inner	WE61735	33287/33462	2
Set w/ S Brake Cam	Outer	WE61737	JLM506849/JLM506810	2
Set w/o S Brake Cam	Outer	WE61734	3982-3920	2
2009-2003 Dana S130 Axle				
Set	Inner	WE61735	33287/33462	2
Set	Outer	WE61734	3982-3920	2
2009-2003 Eaton Axle				
Seal	Inner	NS370023A		2
Set	Inner	NBSET411	47686-47620	2
Set	Outer	NBSET408	39590-39520	2

HINO TRUCK - MEDIUM DUTY - 268 SERIES				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Front Wheel RWD				
2013-2005 MFS-10 (10K Axle with 12K Spring)				
Seal	Inner	NS370001A		2
Set	Inner	NBSET413	HM212049-HM212011	2
Set	Outer	NBSET406	3782-3720	2
2013-2005 MFS-10 (10k Axle with 8K Spring)				
Seal	Inner	NS370150A		2
Set	Inner	WE61736	JM207049A-JM207010	2
Set	Outer	WE61743	25877-25820	2
Rear Wheel RWD				
2013-2008 RS19-145				
Seal	Inner	NS370023A		2
Set	Inner	NBSET411	47686-47620	2
Set	Outer	NBSET408	39590-39520	2

HINO TRUCK - MEDIUM DUTY - 268A SERIES				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Front Wheel RWD				
2013-2008 MFS-10				
Seal	Inner	NS370001A		2
Set	Inner	NBSET413	HM212049-HM212011	2
Set	Outer	NBSET406	3782-3720	2
Rear Wheel RWD				
2013-2008 RS19-145				
Seal	Inner	NS370003A		2
Set	Inner	NBSET403	594A-592A	2
Set	Outer	NBSET401	580-572	2

ISUZU TRUCK - MEDIUM DUTY - NPR, NPR HD, NQR				
YEAR, MODEL	LOCATION	PART NO.	SET: CONE-CUP	QTY.
Front Wheel RWD				
2014-2000 NPR, NPR HD, NQR				
Seal	Inner	NS474230		2
Bearing Assembly Set	Inner	WE61760		2
Bearing Assembly Set	Outer	WE61759		2
Rear Wheel RWD				
2014-2008 NQR				
Bearing Assembly Set	Inner	WE61710		2
Seal	Outer	NS710081		2
Set	Outer	WE61747	28680-28622	2
2014-2004 NPR; Diesel and 2014-2008 NPR HD; Diesel				
Seal	Inner	NS710080		2
Set	Inner	WE61749	29586-29520	2
Seal	Outer	NS710081		2
Set	Outer	WE61747	28680-28622	2
2013-2000 NPR; Gas; Class 3; GVWR 10,001 lb. - 14,000 lb.				
Seal	Inner	NS710080		2
Set	Inner	WE61749	29586-29520	2
Seal	Outer	NS710081		2
Set	Outer	WE61747	28680-28622	2
2013-2000 NPR; Gas; Class 4; GVWR 14,001 lb. - 16,000 lb.				
Bearing Assembly Set	Inner	WE61710		2
Seal	Outer	NS710081		2
Set	Outer	WE61747	28680-28622	2
2013-2004 NPR HD, NQR; Class 4; GVWR 14,001 lb. - 16,000 lb.				
Seal	Inner	NS710080		2
Set	Inner	WE61749	29586-29520	2
Seal	Outer	NS710081		2
Set	Outer	WE61747	28680-28622	2
2013-2004 NPR HD, NQR; CLASS 5; GVWR 16,001 lb. - 19,500 lb.				
Bearing Assembly Set	Inner	WE61710		2
Seal	Outer	NS710081		2
Set	Outer	WE61747	28680-28622	2
2013-2000 NPR, NQR; Diesel; 292 mm HD Axle				
Seal	Inner	NS710080		2
Set	Inner	WE61749	29586-29520	2
Seal	Outer	NS710081		2
Set	Outer	WE61747	28680-28622	2
2013-2000 NPR, NQR; Diesel; 320 mm HD Axle				
Bearing Assembly Set	Inner	WE61710		2
Seal	Outer	NS710081		2
Set	Outer	WE61747	28680-28622	2



OE Crosses The Line Into The Aftermarket

Application-Specific Engineering Design

- Delivers correct fit, function and maximum performance for each BCA product.

Components Made With Premium Quality Materials

- Ensure customers receive a strong, durable product.

Over a Century of Continuous Improvement and Innovation

- Give you the peace of mind you need.

Take a Bold Step. Cross the Line.

www.BCABearings.com



NTN BEARING CORPORATION OF AMERICA
1600 E. Bishop Ct., Mt. Prospect, IL 60056-7604
847.298.7500 | 800.323.2358

NTN BEARING CORPORATION OF CANADA
305 Courtney Park Drive West, Mississauga, Ontario L5W1Y4
905.564.2700

NTN Bearing Corporation of America © 2018 All rights reserved.
BCA Brand is a registered trademark of NTN USA Corporation, Mt. Prospect, IL.
NTN and the NTN logo are registered trademarks of NTN Corporation, Osaka, Japan.