



PRODUCT BULLETIN #516

INTRODUCTION OF KODIAK® DISC BRAKES ON 8,000 LBS. NARROW OVERHANG AXLES

July 30, 2025

Dexter is excited to offer Kodiak Disc Brakes as an option on 8,000 lbs. narrow overhang axle models D80N, #13N, and M13N. The Kodiak disc brake option maintains a narrow overhang, allowing for wide frame rail spacing. Kodiak disc brakes are fully compatible with Dexter DX Series and BrakeRite® electric/hydraulic actuators, as well as Dexter surge brake actuators.


THE CHART BELOW DEFINES THE KODIAK DISC BRAKE OPTIONS AVAILABLE:


ATTRIBUTE	DESCRIPTION		
LUBRICATION	<ul style="list-style-type: none"> E-Z LUBE® OR OIL HUB-ROTORS ARE THREADED AND COMPATIBLE WITH FORTRESS® CAPS AND PLASTIC OIL CAPS.		
HUB-ROTORS	8 ON 6.50" WHEEL BOLT PATTERN WITH 4.75" HUB PILOT <ul style="list-style-type: none"> 008-R/H-133-8-9-D-S <ul style="list-style-type: none"> 9/16" STUDS GAL-DEX® COATED 008-R/H-133-8-5-D-S <ul style="list-style-type: none"> 5/8" STUDS GAL-DEX COATED 		
CALIPER OPTIONS	<ul style="list-style-type: none"> K71-DBC-250-D - GAL-DEX K71-DBC-250-SS - STAINLESS-STEEL 		
CALIPER MOUNTING BRACKET	<ul style="list-style-type: none"> 090-CMB-133-7.2D-D - GAL-DEX 		
WHEEL STUDS	<ul style="list-style-type: none"> 007-R/H-LB-2.5-9 - 9/16"-18 ZINC 007-R/H-LB-3.165-5 - 5/8"-18 BLACK PHOSPHATE 		
BEARING/RACE			
	K71-415-00		KIT BEARING CUP AND CONE
	QTY	PART NUMBER	DESCRIPTION
	1	031-028-01	BEARING CUP 02420
	1	031-028-02	BEARING CONE 02475
	K71-308-00		KIT BEARING CUP AND CONE
	QTY	PART NUMBER	DESCRIPTION
	1	031-030-01	BEARING CUP 25520
	1	031-030-02	BEARING CONE 25580
SEAL	K71-305-00		KIT GREASE SEAL
	QTY	PART NUMBER	DESCRIPTION
	2	010-036-00	SEAL DOUBLE LIP 2.25" ID X 3.376" OD
	K71-386-00		KIT UNITIZED OIL SEAL
	QTY.	PART NUMBER	DESCRIPTION
	2	010-063-00	SEAL UNITIZED 2.25" ID X 3.376" OD

OVERHANG	MODEL	SPRING WIDTH	MINIMUM	MAXIMUM
	D80N - STRAIGHT	1-3/4"	15.54"	19.00"
	D80N - STRAIGHT	2"	15.79"	19.00"
	D80N - 4" DROP	1-3/4"	15.58"	19.00"
	D80N - 4" DROP	2	15.83"	19.00"
	#13N, M13N	N/A	15.00"	16.95"
ACTUATOR OPTIONS	<ul style="list-style-type: none"> • DEXTER BRAKERITE® E/H • DEXTER DX SERIES E/H • DEXTER FAMILY OF SURGE BRAKE ACTUATORS 			

Below are retrofit and service kits for Kodiak disc brakes compatible with Dexter D80N, #13N, and M13N axles.

RETROFIT KITS:

	K71-2H-133-72-9-DDD		KIT KODIAK DISC BRAKE 9/16 STUD GAL-DEX HUB-ROTOR, MOUNTING BRACKET, AND CALIPER
	QTY	PART NUMBER	DESCRIPTION
	2	008-R/H-133-8-9-D-S	HUB-ROTOR, KODIAK 8K, 9/16" STUD, 8 ON 6.50", GAL-DEX, THREADED CAP
	2	K71-DBC-250-D	CALIPER, KODIAK 250, GAL-DEX, INCLUDES PADS & CALIPER GUIDE BOLTS
	2	090-CMB-133-7.2D-D	CALIPER MOUNTING BRACKET, GAL-DEX
	1	K71-038-00	KIT, OIL CAP, CONTAINS (2) OIL CAPS, O-RINGS, AND RUBBER FILL PLUGS

	K71-2H-133-72-9-DSD		KIT KODIAK DISC BRAKE 9/16 STUD GAL-DEX HUB-ROTOR & MOUNTING BRACKET, STAINLESS-STEEL CALIPER
	QTY	PART NUMBER	DESCRIPTION
	2	008-R/H-133-8-9-D-S	HUB-ROTOR, KODIAK 8K, 9/16" STUD, 8 ON 6.50", GAL-DEX, THREADED CAP
	2	K71-DBC-250-SS	CALIPER, KODIAK 250, STAINLESS-STEEL, INCLUDES PADS & CALIPER GUIDE BOLTS
	2	090-CMB-133-7.2D-D	CALIPER MOUNTING BRACKET, GAL-DEX
	1	K71-038-00	KIT, OIL CAP, CONTAINS (2) OIL CAPS, O-RINGS, AND RUBBER FILL PLUGS

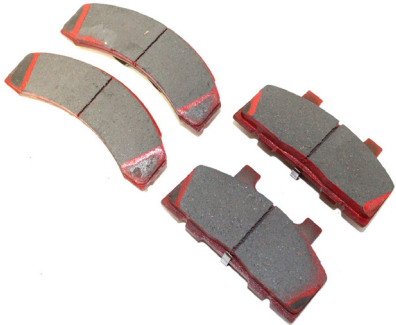
K71-2H-133-72-5-DDD		KIT KODIAK DISC BRAKE 5/8" STUD GAL-DEX HUB-ROTOR, MOUNTING BRACKET, AND CALIPER
QTY	PART NUMBER	DESCRIPTION
2	008-R/H-133-8-5-D-S	HUB-ROTOR, KODIAK 8K, 5/8" STUD, 8 ON 6.50", GAL-DEX, THREADED CAP
2	K71-DBC-250-D	CALIPER, KODIAK 250, GAL-DEX, INCLUDES PADS & CALIPER GUIDE BOLTS
2	090-CMB-133-7.2D-D	CALIPER MOUNTING BRACKET, GAL-DEX
1	K71-038-00	KIT, OIL CAP, CONTAINS (2) OIL CAPS, O-RINGS, AND RUBBER FILL PLUGS


K71-2H-133-72-5-DSD		KIT KODIAK DISC BRAKE 5/8" STUD GAL-DEX HUB-ROTOR & MOUNTING BRACKET, STAINLESS-STEEL CALIPER
QTY	PART NUMBER	DESCRIPTION
2	008-R/H-133-8-5-D-S	HUB-ROTOR, KODIAK 8K, 5/8" STUD, 8 ON 6.50", GAL-DEX, THREADED CAP
2	K71-DBC-250-SS	CALIPER, KODIAK 250, STAINLESS-STEEL, INCLUDES PADS & CALIPER GUIDE BOLTS
2	090-CMB-133-7.2D-D	CALIPER MOUNTING BRACKET, GAL-DEX
1	K71-038-00	KIT, OIL CAP, CONTAINS (2) OIL CAPS, O-RINGS, AND RUBBER FILL PLUGS


SERVICE KITS:


K21-303-00		FORTRESS THREADED ALUMINUM OIL CAP 5,200 LBS. - 8,000 LBS.
QTY	PART NUMBER	DESCRIPTION
1	021-303-00	Fortress Threaded Aluminum Cap
1	010-045-00	O-Ring


K71-038-00		OIL CAP, O-RING, & PLUG KIT
QTY	PART NUMBER	DESCRIPTION
2	010-045-00	O-RING
2	021-035-00	OIL CAP
2	046-032-00	RUBBER PLUG


	K71-DBC-250-PAD		KODIAK BY DEXTER BRAKEPAD KIT FOR 250 CALIPERS - 1 AXLE E-COAT PAD BACKING PLATES	
	QTY		DESCRIPTION	
	2		INNER PADS	
	2		OUTER PADS	

	K71-DBC-250-PAD-SS		KODIAK BY DEXTER BRAKEPAD KIT FOR 250 CALIPERS - 1 AXLE STAINLESS-STEEL PAD BACKING PLATES	
	QTY		DESCRIPTION	
	2		INNER PADS	
	2		OUTER PADS	

	K71-305-00		SEAL KIT - 1-AXLE - 2.250" ID X 3.376" OD	
	QTY	PART NUMBER	DESCRIPTION	
	2	010-036-00	SEAL, GREASE 2.25" ID, DOUBLE LIP	

	K71-386-00		SEAL KIT - 1-AXLE - 2.250" ID X 3.376" OD UNITIZED	
	QTY	PART NUMBER	DESCRIPTION	
	2	010-063-00	SEAL, OIL 2.25" ID, UNITIZED	

	K71-308-00		BEARING CUP & CONE - INNER	
	QTY	PART NUMBER	DESCRIPTION	
	1	031-030-01	BEARING CUP (25520)	
	1	031-030-02	BEARING CONE (25580)	

		K71-415-00		BEARING CUP & CONE - OUTER	
		QTY	PART NUMBER	DESCRIPTION	
		1	031-028-01	BEARING CUP (02420)	
		1	031-028-02	BEARING CONE (02475)	

Please contact your Dexter account manager for additional information and further assistance.

Jay Klinkerman

Jay Klinkerman
Product Manager