

September 2021

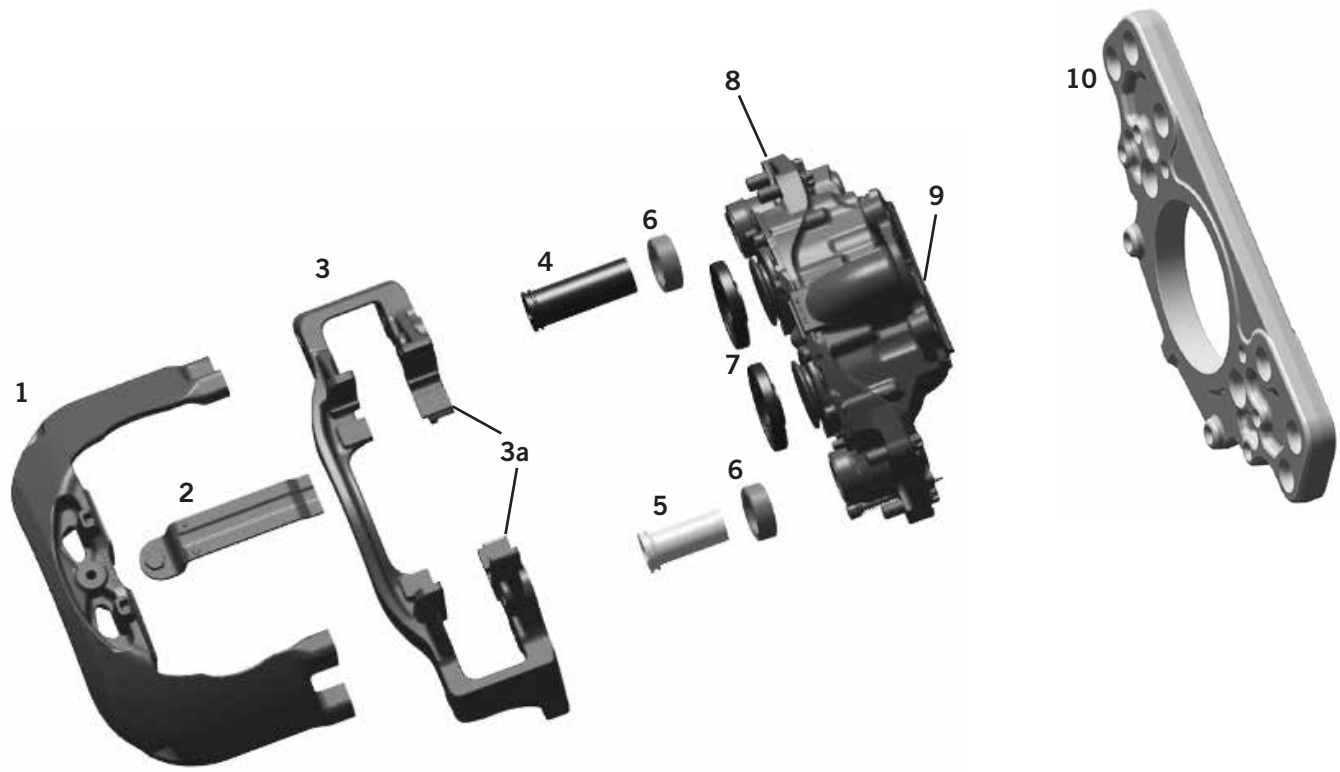
AIR DISC BRAKE CATALOG



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Air Disc Brake

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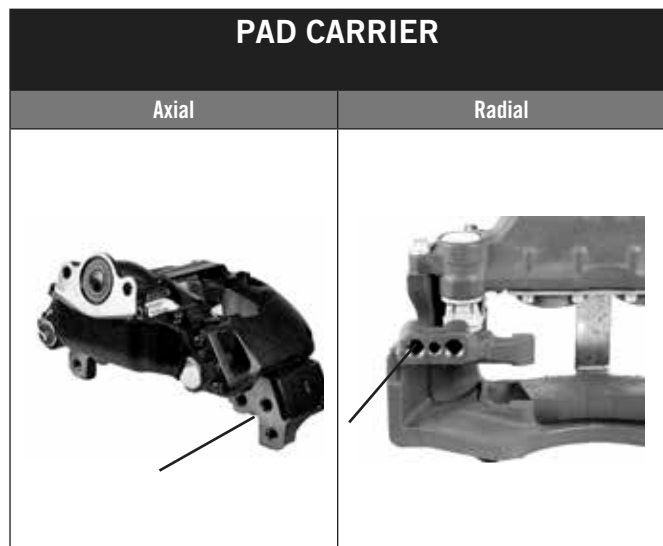
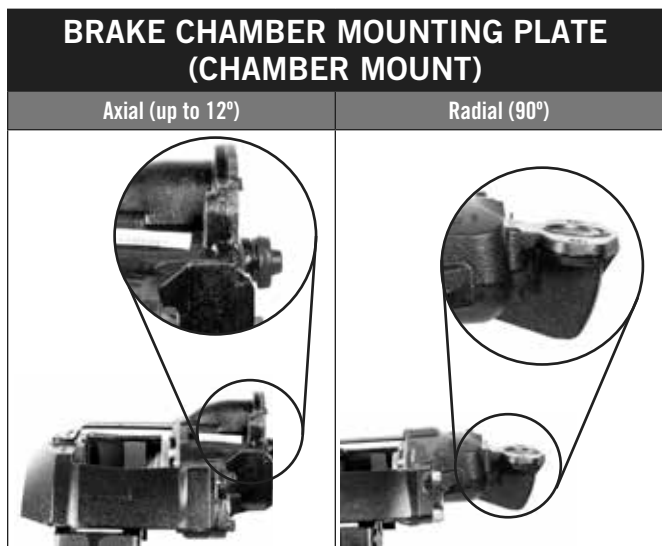


- 1 Caliper Bridge
- 2 Retainer Bar
- 3 Pad Carrier
- 3a Pad Abutments
- 4 Long (fixed) Slide Pin
- 5 Short (floating) Slide Pin
- 6 Slide Pin Boot
- 7 Piston Boot
- 8 Caliper Housing
- 9 Brake Chamber Mounting Plate (Chamber Mount)
- 10 Torque Plate / Anchor Plate

Mounting surfaces are named by their reference to the rotor.

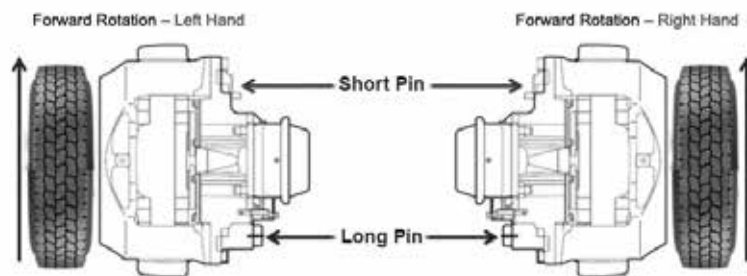
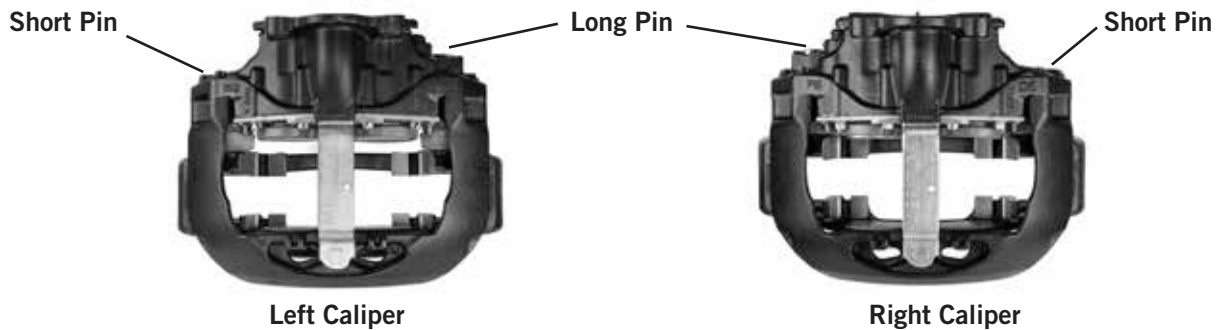
Axial – a mounting surface that is **parallel** to the rotor

Radial – a mounting surface that is **perpendicular** (90°) to the rotor



Calipers identified as Left or Right based on the location of their short or floating pin.

In most cases, a left caliper will be used on the driver's side of the vehicle. There are some exceptions where interference in the wheel well prevents this. Make sure you replace a left with a left and a right with a right.

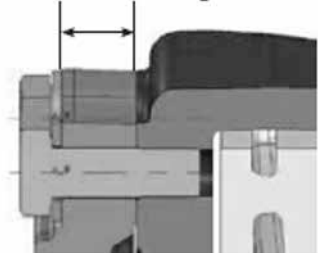


Mounting Bolts

Caliper mounting bolt dimensions come from two different measurements. The **thread** is decided by the pad carrier. The **length** is decided by the torque plate. If you have a sample bolt, make sure you match the length. If you do not, measure the thickness of the torque plate and select the correct bolt length based on the tables provided in this catalog.

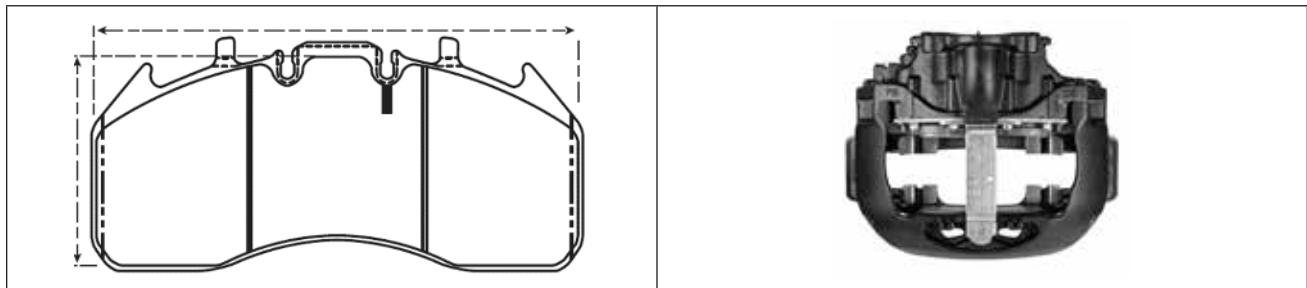
A bolt that is too short may not hold the brake in place. A bolt that is too long may run into the rotor and prevent it from turning.

Torque plate thickness determines bolt length



How to use this catalog to find your caliper part #.

1. Measure the width of the brake pad. If you do not have a pad, measure the distance between the pad abutments. Turn to the page in the next section that corresponds to the pad length. Now compare by height and shape.



2. Once you have identified the pad, turn to the page indicated, and then compare your caliper with the images and measurements provided.
3. Once you have found the correct caliper, choose whether you need a left or a right caliper, based on where the short slide pin is located.

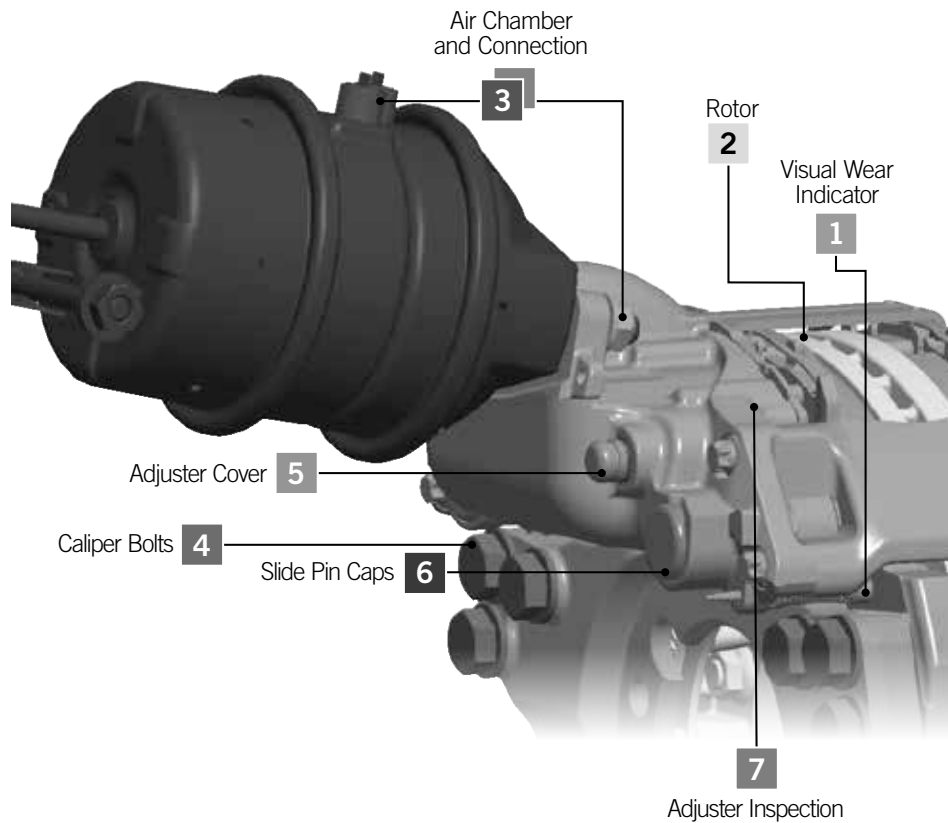


Figure 1

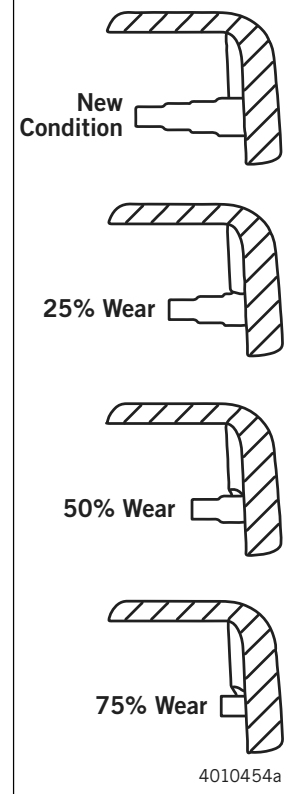
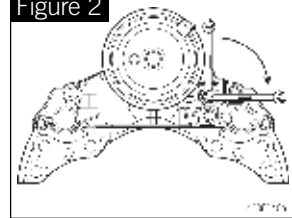


Figure 2



1

Visual Wear Indicator

If the indicator shows more than 75% wear, perform wheels-off inspection. (Figure 1)

2

Rotor

Visually inspect the rotor for signs of cracks, deep grooves, blue marks and heat checking.

3

Air Chamber and Connection

Inspect the air chamber to verify that the air chamber-to-caliper mounting nuts and air lines are securely fastened and are not damaged.

4

Caliper Bolts

Visually inspect the caliper mounting bolts and ensure all 6 bolts are present.

5

Adjuster Cover

Visually inspect for caliper adjuster cover. If missing, replace with new cover.

6

Slide Pin Caps

Visually inspect the slide pin caps, if missing, further inspection of the slide pins and bushings is needed.

7

Adjuster Inspection

Remove adjuster cover, de-adjust 1/4 turn with 10mm wrench. Leave 10mm wrench on adjuster, apply brake one time. If wrench moves clockwise, adjuster is working correctly. If wrench does not move, caliper requires further inspection. (Figure 2)

Reference MM0467 at meritor.com/lod for more information

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**AIR DISC
BRAKE PADS**

AIR DISC BRAKE PADS MERITOR "MMD" AIR DISC BRAKE PADS

AIR DISC
BRAKE PADS



Our brake pads are engineered to last.

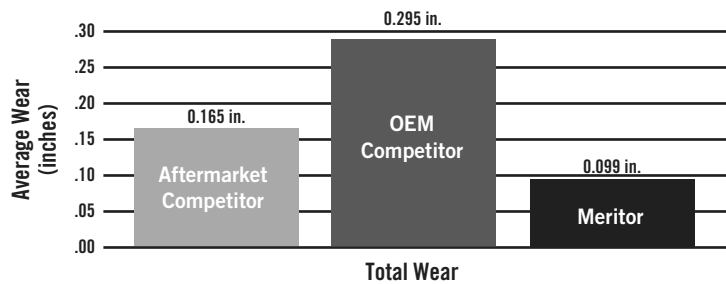
We provide the **durability** and **performance** you need to maintain the **lowest total cost of operation**. The Meritor ADB pad brings low wear at a **fraction of the cost** of a genuine OE brake pad while extending the overall service life and productivity of the pad.

How it's done.

Using FMVSS 121 dynamometer specification test requirements, our aftermarket ADB pad exhibited less wear than OE and aftermarket competitors. (See chart)

Total Pad Wear Test

Total According to SAEJ2115 Section 7



* Test conducted by a third-party laboratory on a Bendix ADB22X ADB, using FMSI lining ID 1369 brake pads, CMI10020682 rotor, 20.6" SLR, 20,000 lb GAWR, and Type 18" air chamber. Test results may vary on different platforms and under different conditions.

Superior Product Design Means Superior Results.

Same "Positive Mold" manufacturing process used with genuine OE pads

Post-cured at high temperature to reduce initial break-in period



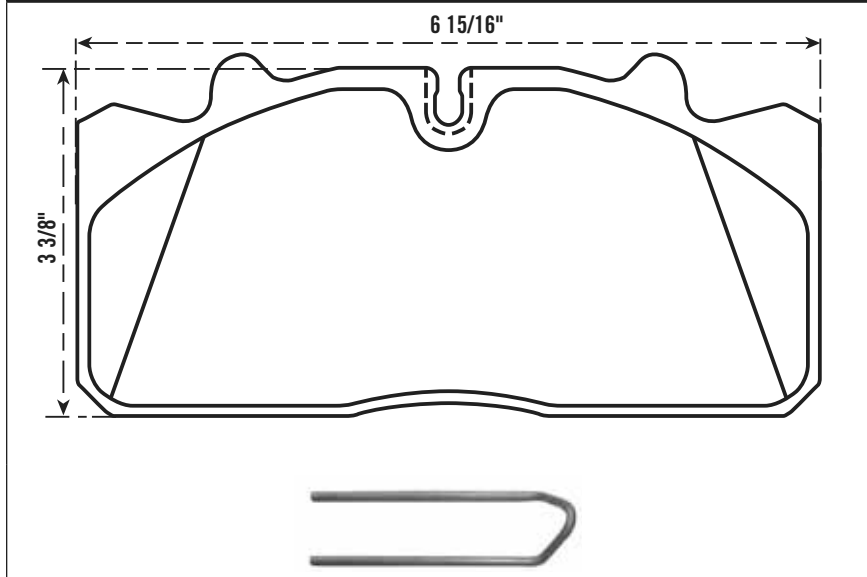
Powder-coated backing plate for maximum corrosion protection and brake fluid protection

Unique Mechanical Retention System (MRS) available for extreme applications. When combined with resin bonding, it prevents "rust-jacking" in severe weather conditions



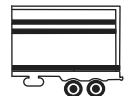
Applies to Meritor "MMD" pads.

6 15/16" WIDTH PADS – WABCO PAN 17

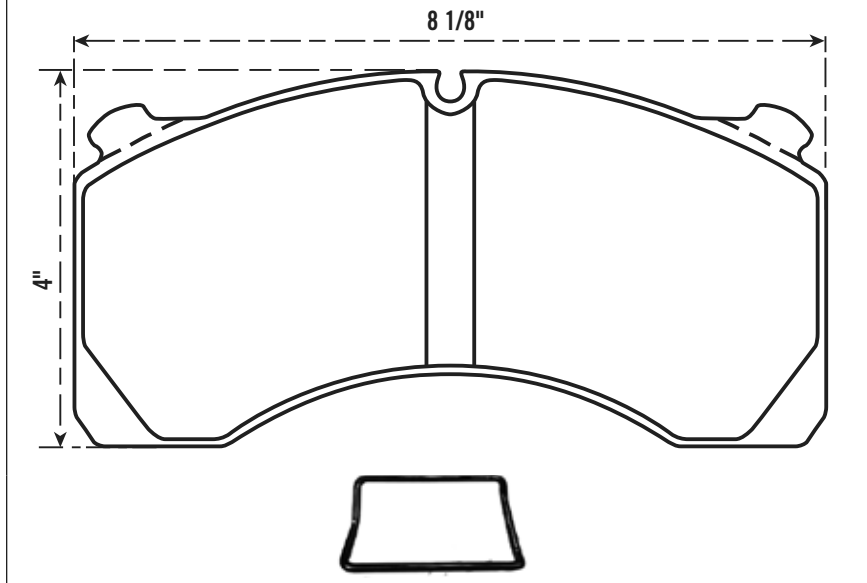


WABCO PAN 17
 Width = 6 15/16"
 Height = 3 3/8"
 FMSI = 1518
 12 999 806 Pad Kit
 12 999 703VT – Trailer
 MMD1518AF – Line Haul
 GMD1518H – Line Haul

See caliper page 48




8 1/8" WIDTH PADS – MERITOR DX195



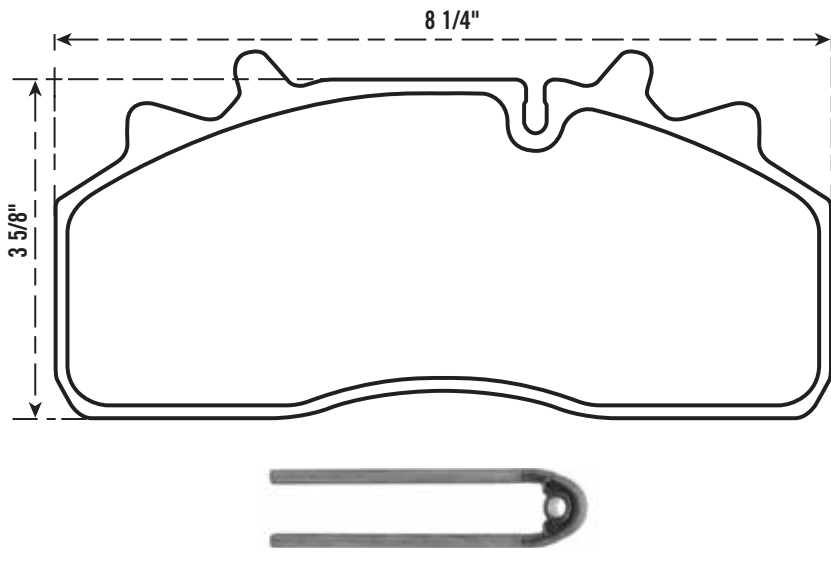
MERITOR DX195
 Width = 8 1/8"
 Height = 4"
 FMSI = 1525
 MMD1525AF – Bus
 KIT195020 – Genuine MA705 Pads (Bus)
 KIT195021 – Genuine MA721 Pads (Bus)

See caliper page 24



All Meritor pad offerings shown come with pad springs. All dimensions are in inches.

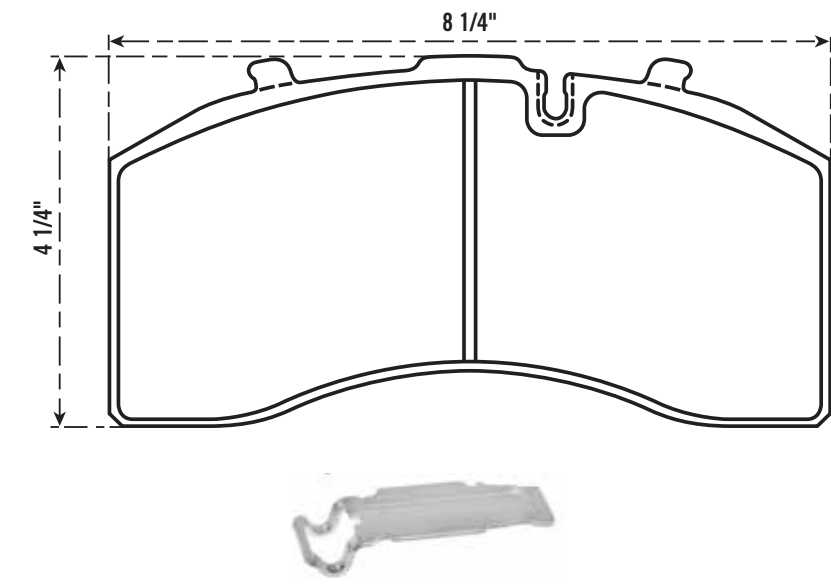
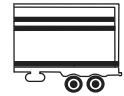
8 1/4" WIDTH PADS – BENDIX / WABCO



WABCO PAN 19

Width = 8 1/4"
 Height = 3 5/8"
 FMSI = 1438
 MMD1438AF – Line Haul
 12 999 737VT – Genuine Pad Kit

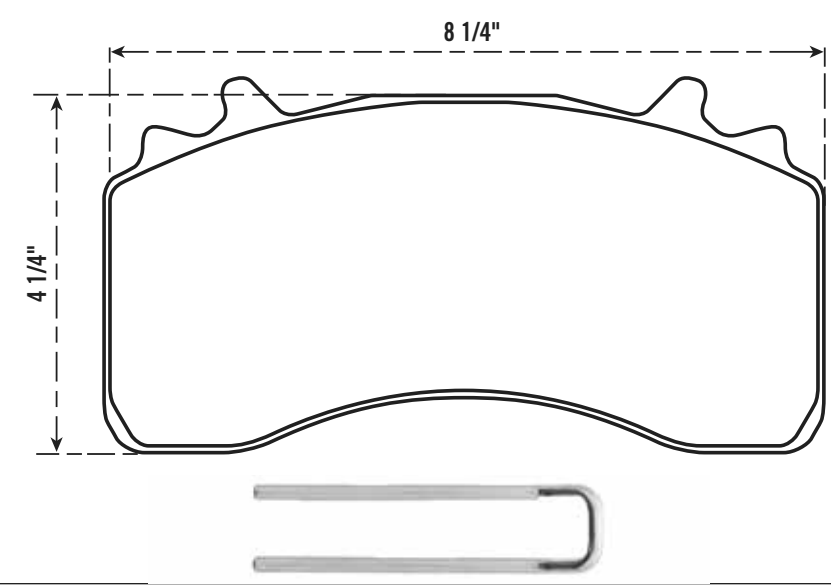
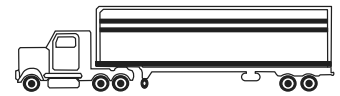
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BENDIX ADB22X

Width = 8 1/4"
 Height = 4 1/4"
 FMSI = 1369
 MMD1369AF
 MMD1369DD – MA9500 for refuse applications
 GMD1369H

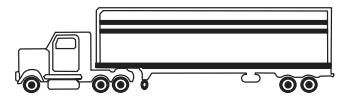
See caliper page 40



WABCO MAXXUS

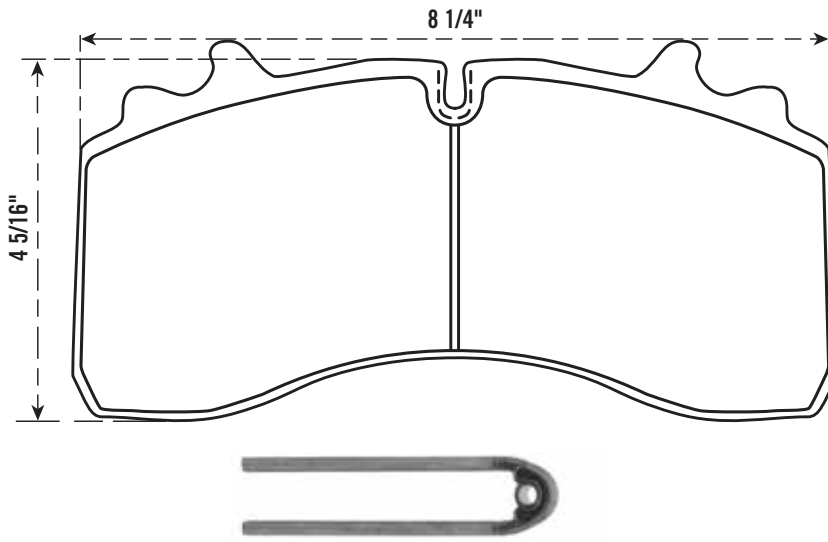
Width = 8 1/4"
 Height = 4 1/4"
 FMSI = 2061
 MMD2061AF – Line Haul
 GMD2061H – Line Haul
 640 322 934 2 – Genuine Pad Kit

See caliper page 46



All Meritor pad offerings shown come with pad springs. All dimensions are in inches.

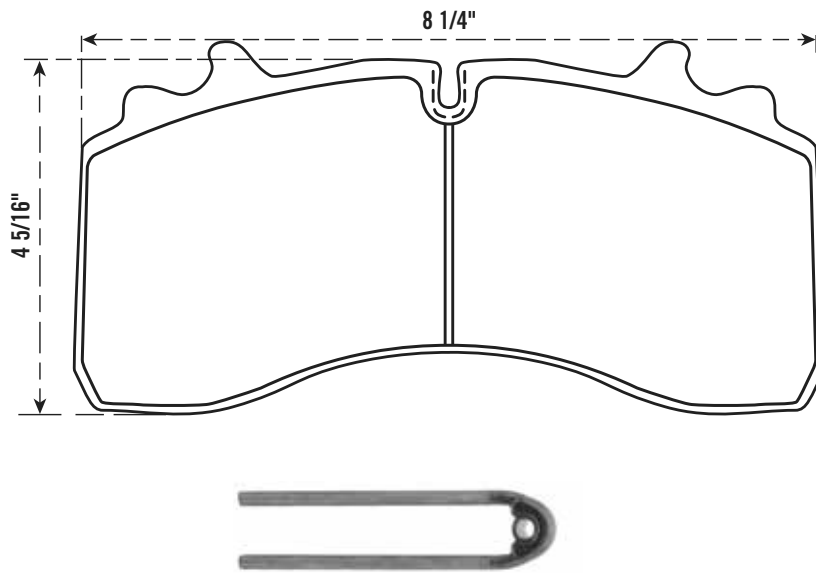
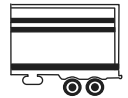
8 1/4" WIDTH PADS – WABCO



WABCO PAN 22

Width = 8 1/4"
 Height = 4 5/16"
 FMSI = 1777
 MMDWP22AF – Trailer
 GMD1777H – Trailer
 12 999 796 – Genuine Pad Kit
 640 225 922 2 – Genuine Pad Kit

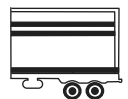
See caliper page 52



HENDRICKSON MAXX 22T

Width = 8 1/4"
 Height = 4 5/16"
 FMSI = 1777
 MMD1777M22TAF – Trailer
 GMD1777TH – Trailer
 640 222 927 2 – Genuine Pad Kit

See caliper page 44

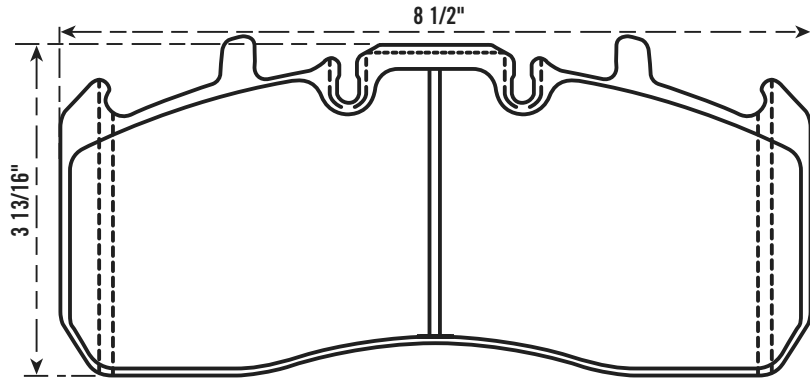


AIR DISC BRAKE PADS

All Meritor pad offerings shown come with pad springs. All dimensions are in inches.

***Hardware for pad kit varies for WABCO Pan 22 and Hendrickson Maxx 22T

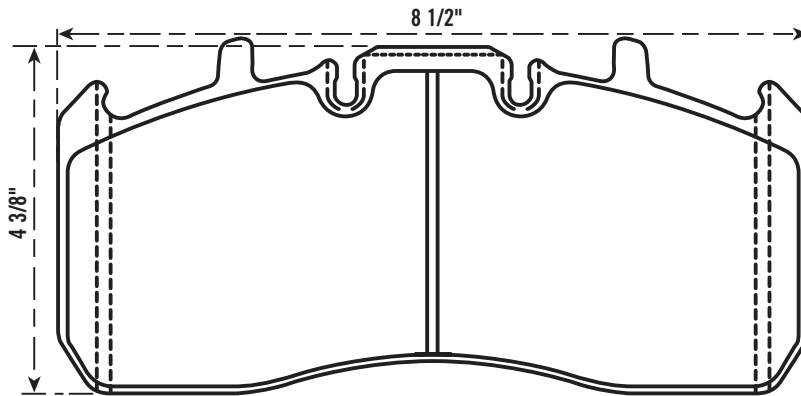
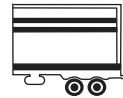
8 1/2" WIDTH PADS – MERITOR EX+ L/S



L410 SERIES APPLICATIONS

Width = 8 1/2"
 Height = 3 13/16"
 FMSI = LB
 KIT2252LBM7400 – Mack Volvo with 410 mm axle
 KIT2252L2DE – Off Highway/Military

See caliper page 34

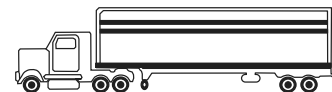


MERITOR L/S-SERIES

Width = 8 1/2"
 Height = 4 3/8"
 FMSI = 1370
 KIT2252L2CG – Line Haul
 KIT2252L2CG2 – Line Haul includes two extra pad springs for single piston pressure plate
 KIT2252L2DD – Refuse applications - fits EX+ L only
 KIT2252LCM7400 – Mack Volvo w/ 434 mm rotor
 MMD1370AF – Line Haul - fits EX+ L only
 GMD1370AF – Line Haul - fits EX+ L only

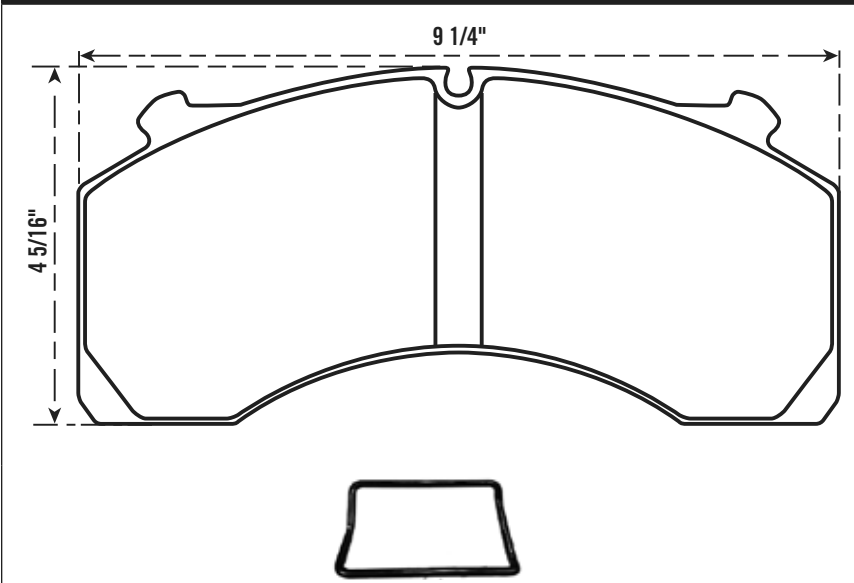
Meritor L-Series see caliper page 34
 Meritor S-Series see caliper page 38

Note: EX+ L/S Genuine pad (KIT2252L2CG) has a unique keyway (notch) in the bottom.



All Meritor pad offerings shown come with pad springs. All dimensions are in inches.

9 1/4" WIDTH PADS – MERITOR DX225



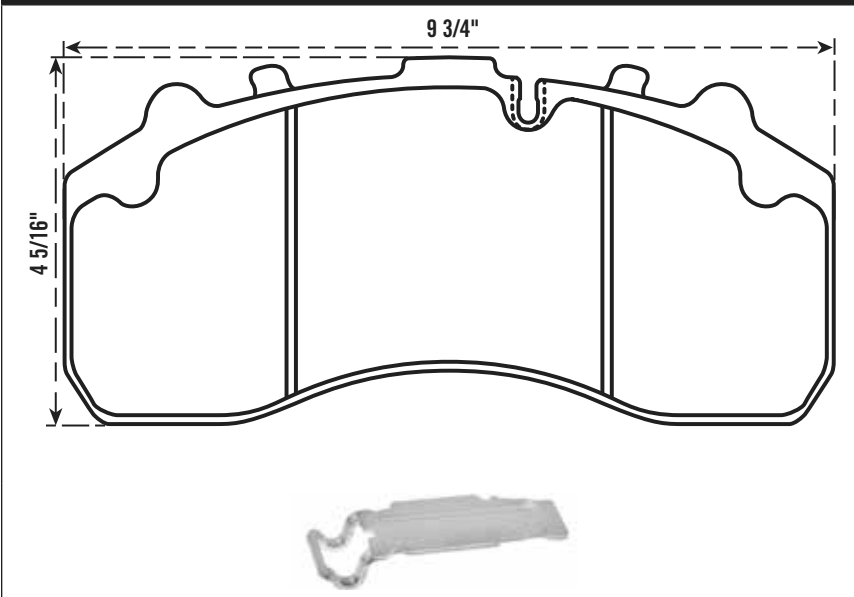
MERITOR DX225

Width = 9 1/4"
 Height = 4 5/16"
 FMSI = 1526
 MMD1526AF – Line Haul
 KIT225020 – MA705 (Bus)

See caliper page 26



9 3/4" WIDTH PADS – BENDIX SN7 / SB7



BENDIX SN7 / SB7

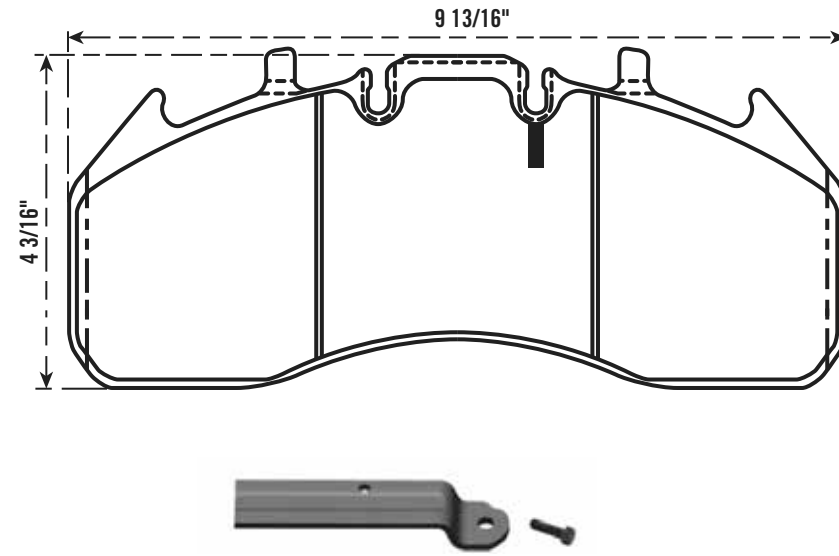
Width = 9 3/4"
 Height = 4 5/16"
 FMSI = 1203
 MMD1203AF – Coach/Transit
 GMD1203H – Coach/Transit

See caliper page 42



All Meritor pad offerings shown come with pad springs. All dimensions are in inches.

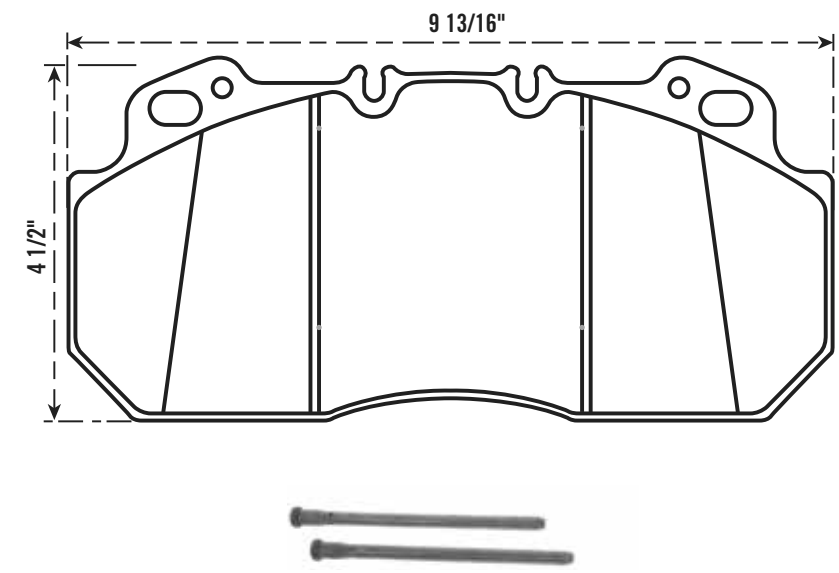
9 13/16" WIDTH PADS – MERITOR HEAVY DUTY PADS / CALIPERS



VOLVO/MACK

Width = 9 13/16"
 Height = 4 3/16"
 FMSI = none (Meritor H variant)
 KIT2252HVBP – Type N (Volvo mix)
 KIT2252HBMA9500 – Refuse Type N

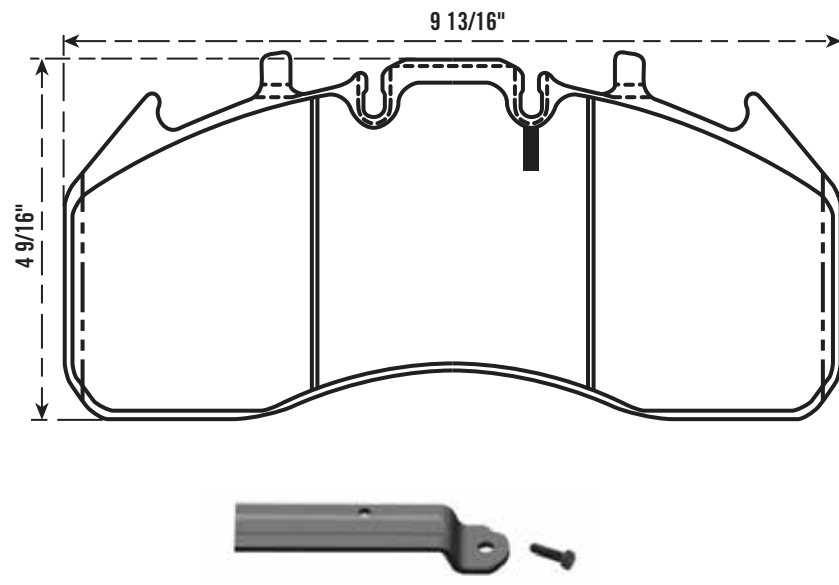
See caliper page 34



MCI D-LISA

Width = 9 13/16"
 Height = 4 1/2"
 FMSI = 1312
 68932068NZZP – Coach
 MMD1312AF – Coach

See caliper page 22



MERITOR H2/H3

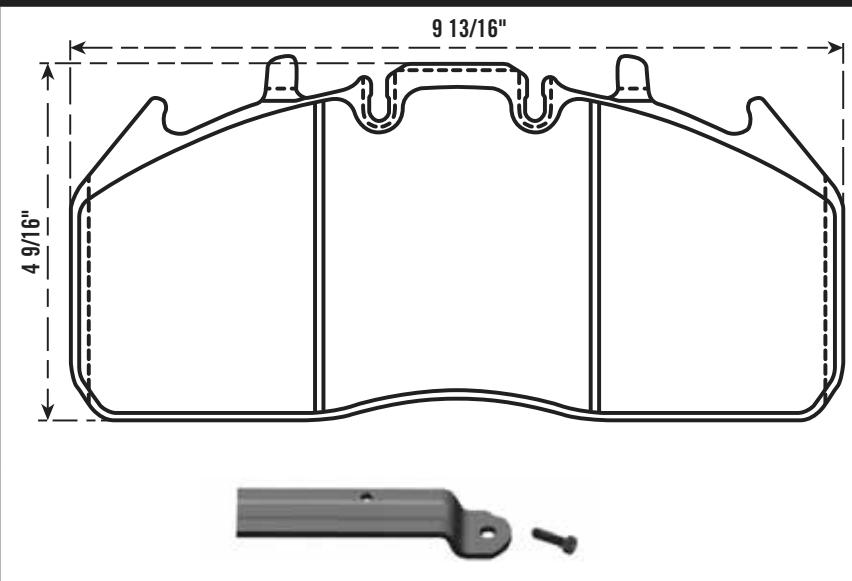
Width = 9 13/16"
 Height = 4 9/16"
 FMSI = 1311
 KIT2252H2CG – Transit/Bus
 KIT2252H2DD – Refuse
 KIT2252H2CD – Transit Type A (MA741)
 MMD1311AF – Coach
 GMD1311AF – Coach

See caliper page 30



All Meritor pad offerings shown come with pad springs. All dimensions are in inches.

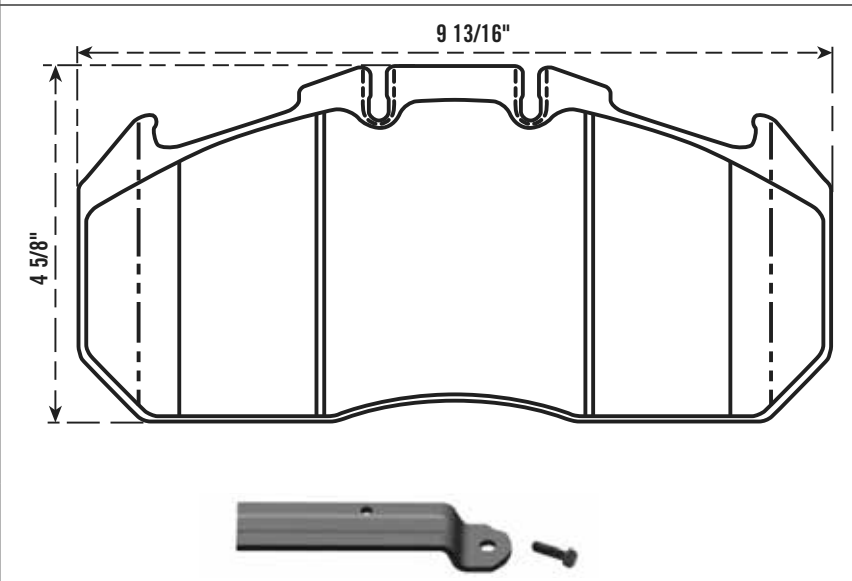
9 13/16" WIDTH PADS – MERITOR HEAVY DUTY PADS / CALIPERS



MERITOR H3

Width = 9 13/16"
 Height = 4 9/16"
 FMSI = 1323
 Pad Kit KIT2252H3CE – Coach
 Replaced by KIT2252H2CG – Transit/Coach

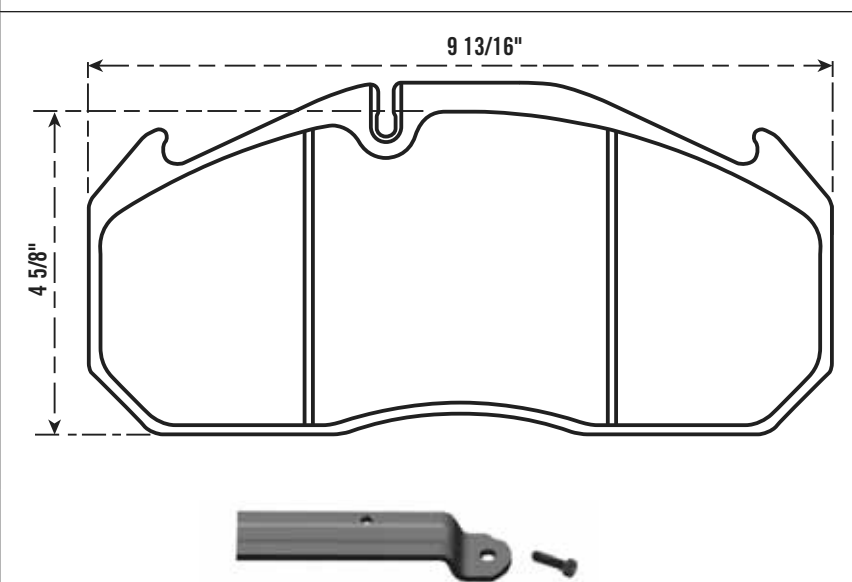
See caliper page 30



MERITOR ELSA-2

Width = 9 13/16"
 Height = 4 5/8"
 FMSI = 1310
 MDP5060 – Transit/Coach Type A
 MMD1310AF – Coach

See caliper page 28



MERITOR ELSA/D3

Width = 9 13/16"
 Height = 4 5/8"
 FMSI = 1407
 MMD1407AF – Coach
 KIT2252H3CE – Transit/Coach Type A
 KIT2252H2CG – Transit/Coach Type N
 MDP5110 – M12 Genuine Pads

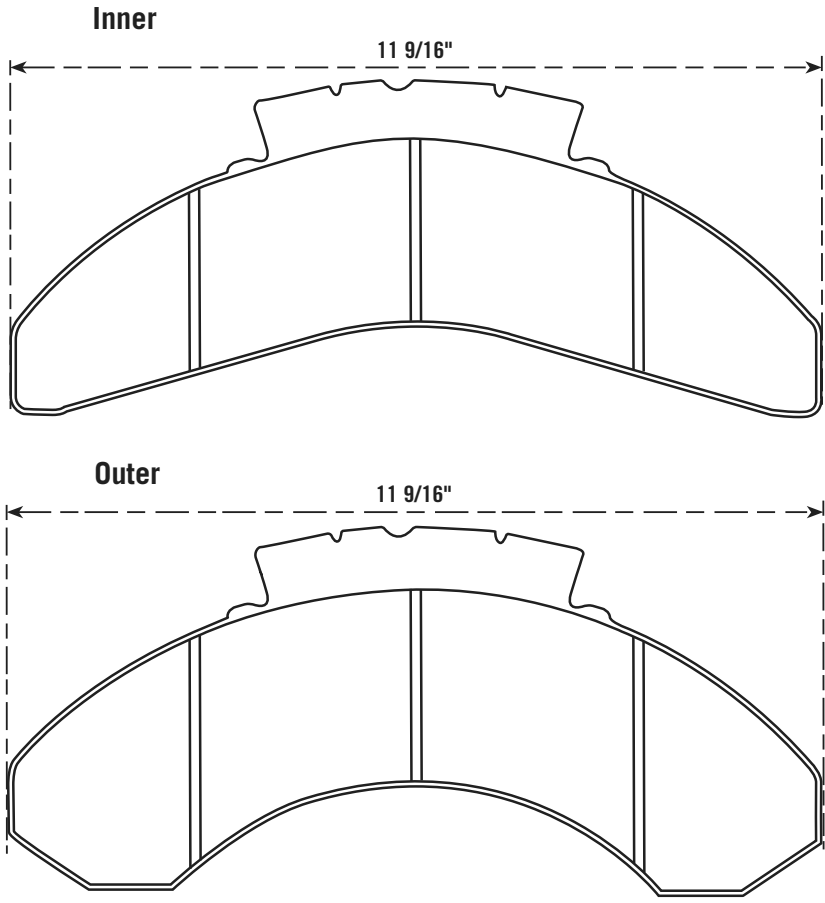
Visit www.meritorpartsexpress.com for caliper parts and breakdown.



All Meritor pad offerings shown come with pad springs. All dimensions are in inches.

11 9/16" WIDTH PADS – MERITOR ADB1560

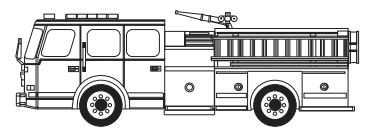
AIR DISC
BRAKE PADS



MERITOR ADB1560

Width 11 9/16"
FMSI 268
KIT15625PM – Fire / Emergency
KIT15616PM – Refuse

See caliper page 18



All Meritor pad offerings shown come with pad springs. All dimensions are in inches.

AIR DISC BRAKE PADS CROSS REFERENCE

LENGTH	HEIGHT	FMSI	COMPRESSED PART	MFG.	BRAKE	LEAF MARKING	LINING MIX	GENUINE/ AFTERMARKET	APPLICATION
6 15/16"	3 3/8"	1518	12 999 703VT	Wabco	Pan 17	A	Jurid 539-20	Genuine	Trailer
6 15/16"	3 3/8"	1518	12 999 806	Wabco	Pan 17	A	Jurid 539-20	Genuine	Trailer
6 15/16"	3 3/8"	1518	MMD1518AF	Wabco	Pan 17	N	Mega	Aftermarket	All Applications
8 1/8"	4 1/16"	1525	KIT195020	Meritor	DX195	A	MA705	Genuine	Bus
8 1/8"	4 1/16"	1525	KIT195021	Meritor	DX195	A	MA721	Genuine	Bus
8 1/8"	4 1/16"	1525	MMD1525AF	Meritor	DX195	N	Mega	Aftermarket	Bus
8 1/4"	3 5/8"	1438	12 999 737VT	Wabco	Pan 19	A	Jurid 539-20	Genuine	Trailer
8 1/4"	3 5/8"	1438	MMD1438AF	Wabco	Pan 19	N	Mega	Aftermarket	All Applications
8 1/4"	3 11/16"	1583	MMD1583AF	Haldex	DB22LT	N	Mega	Aftermarket	All Applications
8 1/4"	4 1/4"	1369	MMD1369AF	Bendix	ADB22X	N	Mega	Aftermarket	All Applications
8 1/4"	4 1/4"	2061	640 322 9342	Wabco	Maxxus	A	Jurid 539-20	Genuine	Truck
8 1/4"	4 1/4"	2061	MMD2061AF	Wabco	Maxxus	N	Mega	Aftermarket	Truck
8 1/4"	4 5/16"	1777	12 999 796	Wabco	Pan 22	A	Jurid 539-20	Genuine	Coach/Transit
8 1/4"	4 5/16"	1777	MMDWP22AF	Wabco	Pan 22	N	Mega	Aftermarket	All Applications
8 1/4"	4 5/16"	1777	640 222 927 2	Wabco	Maxx 22 T	N	Wabco 230	Genuine	Trailer
8 1/4"	4 5/16"	1777	MMD1777M22TAF	Wabco	Maxx 22 T	N	Mega	Aftermarket	Trailer
8 1/2"	3 13/16"	LB	KIT2252LBM7400	Meritor	EX225L	N	M7070	Genuine	Truck
8 1/2"	3 13/16"	LB	KIT2252L2DE	Meritor	EX225L	N	MA741	Genuine	Transit or Refuse
8 1/2"	4 1/4"	1370	KIT2252L2CG	Meritor	EX225L	N	MA761	Genuine	Linehaul
8 1/2"	4 1/4"	1370	MMD1370AF	Meritor	EX225L	N	Mega	Aftermarket	All Applications
8 1/2"	4 3/8"	1370	KIT2252LCM7400	Meritor	EX225L	N	M7070	Genuine	Linehaul
9 1/4"	4 5/16"	1526	A23222A2367	Meritor	DX225	A	EBL550	Genuine	Fire/Emergency
9 1/4"	4 5/16"	1526	KIT225020	Meritor	DX225	A	MA705	Genuine	Transit
9 1/4"	4 5/16"	1526	MMD1526AF	Meritor	DX225	N	Mega	Aftermarket	All Applications
9 3/4"	4 1/8"	1441	MMD1441AF	Bendix	ESD225	N	Mega	Aftermarket	All Applications
9 3/4"	4 5/16"	1203	MMD1203AF	Bendix	SN7/SB7	N	Mega	Aftermarket	Transit
9 13/16"	4 5/16"	HB	KIT2252HVBP	Meritor	EX225H	N	M7070	Genuine	Refuse
9 13/16"	4 5/16"	HB	KIT2252HBMA9500	Meritor	EX225H	N	MA9500	Genuine	Refuse
9 13/16"	4 1/2"	1312	68932068NZN	Meritor	Lisa	A	NZP (T3016)	Genuine	Coach/Transit
9 13/16"	4 1/2"	1312	MMD1312AF	Meritor	Lisa	N	Mega	Aftermarket	All Applications
9 13/16"	4 9/16"	1311	KIT2252H2CD	Meritor	EX225H	A	MA761	Genuine	Coach/Transit
9 13/16"	4 9/16"	1311	KIT2252H2CG	Meritor	EX225H	N	MA9300	Genuine	Transit
9 13/16"	4 9/16"	1311	KIT2252H2DD	Meritor	EX225H	N	MA9500	Genuine	Refuse
9 13/16"	4 9/16"	1311	MMD1311AF	Meritor	EX225H	N	Mega	Aftermarket	All Applications
9 13/16"	4 9/16"	1323	KIT2252H3CE	Meritor	EX225H	A	MA721	Genuine	Coach/Transit
9 13/16"	4 5/8"	1310	MDP5060	Meritor	Elsa	A	Meritor	Genuine	Transit
9 13/16"	4 5/8"	1310	MMD1310AF	Meritor	Elsa	N	Mega	Aftermarket	All Applications
9 13/16"	4 5/8"	1407	MDP5110	Meritor	Elsa	A	Meritor	Genuine	Truck
11 5/8"	3 1/2"	268	KIT15616PM	Meritor	ADB1560	N	Meritor	Genuine	Refuse
11 5/8"	3 1/2"	268	KIT15625PM	Meritor	ADB1560	N	Meritor	Genuine	Fire/Emergency

AIR DISC BRAKE PADS

EX+ NOMENCLATURE

EX225L256XX000

AIR DISC BRAKE PADS

EX Platform	225 Min Wheel Size 225 = 22.5 Wheel	L Housing Assembly L=Standard Duty H=Severe Duty S=Single Piston	256 Housing Bridge, Carrier Combo. 200=285mm Wheel, Axial Carrier 300=335mm Wheel, Axial Carrier 400=285mm Wheel, Radial Carrier 600=335mm Wheel, Radial Carrier	XX Pad Mix* XX=No Pads BA=MA703 CD=MA761 CE=MA721 CG=M9300 DA=MA741	000 Optional Accessories** 000=No Options
-----------------------	--	---	--	---	--

*All Service Calipers come without pads (XX). The label states what pads came in production.

**In most cases the optional accessories code indicates the brake chamber that was installed in production.

All Service Calipers come without a chamber (000). Call MERITOR SPECS @ 1-888-725-9355 OPT #3 with the reference number(s) if you need a brake chamber part number.

LOCATING MERITOR® EX+ SERIES PART AND SERIAL NUMBERS



Exact placement varies

Manufacturing Information

Part Number

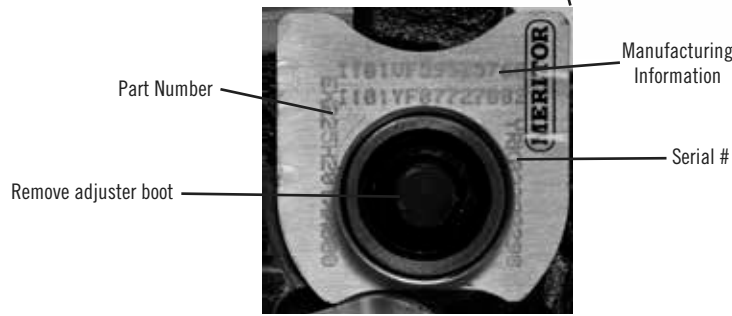
Serial #

Tag is located under adjuster boot



Remove Protective Cap to left of bolt is Part Number engraved in metal plate. To right of bolt is Serial Number engraved in metal plate

Protective Cap must be replaced.



Part Number

Manufacturing Information

Serial #

Remove adjuster boot

Part number and caliper information exposed

FINDING MERITOR® TORQUE PLATE PART NUMBERS



Find the stamped or etched reference number(s). This may have an alpha prefix followed by 4 or 5 numbers



Call MERITOR SPECS @ 1-888-725-9355 OPT #3 with the reference number(s) to receive the orderable service part number

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CALIPERS

CALIPERS MERITOR — ADB1560

CALIPERS



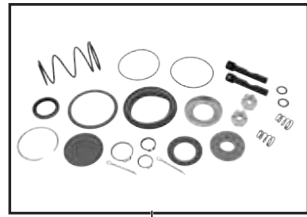
1



4



4h



2i



2j



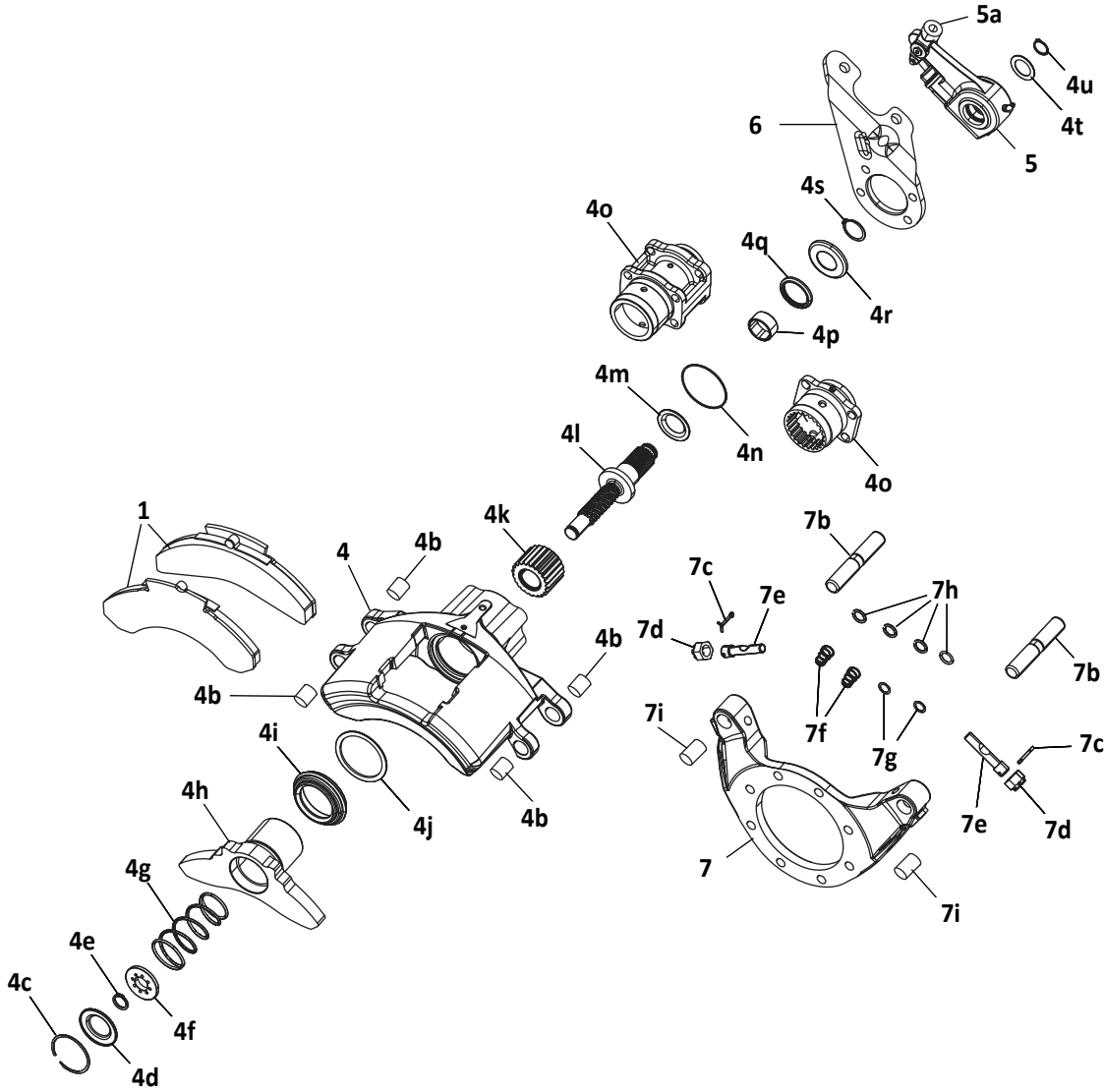
2k



2l

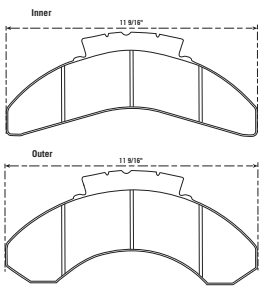





2m



CALIPERS MERITOR — ADB1560

Air Disc Brake

11 9/16" MERITOR — ADB1560	
PAD	LEFT AND RIGHT CALIPER
	 <p style="text-align: center; margin-top: 10px;">Powershaft Number Used to identify Right Hand – last 4 digits 5234 or Left Hand – last 4 digits 5233</p> <p style="text-align: right; margin-top: 10px;">Caliper Casting Number</p>
CHAMBER MOUNT	PAD CARRIER
 <p style="text-align: center; margin-top: 5px;">Radial Bracket</p>	 <p style="text-align: center; margin-top: 5px;">Axial</p>

CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Radial Bracket	One-Piece	Axial	2	1"		A13263M1157	A23263M1157	New
Radial Bracket	One-Piece	Axial	2	1"		A3263M1157S		New
Radial Bracket	One-Piece	Axial	2	1"		A33263M1157	A43263M1157	New

ADB1560 REPAIR PARTS			
KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1	KIT15616PM	Disc Pad Wheel End	Refuse Truck Lining Mix
1	KIT15625PM	Disc Pad Axle Set	Emergency, Fire
1	KIT15626PM	Disc Pad Axle Set	Refuse Truck Lining Mix
1	KIT15627PM	Disc Pad Axle Set	Emergency, Fire
2i	KIT15001	Rebuild Kit	Can Be Used for Either Front, Rear, or Trailer Caliper Minor Rebuilds. Minor Caliper Rebuild Kit
2k	KIT15003	Slide Pin Kit	Slide Pin with O-Ring.
2k	KIT15016	Slide Pin Kit	Slide Pin Current Production (Without O-Ring). Services One Caliper.
2k	KIT15017	Slide Pin Kit	Slide Pin Current Production (Without O-Ring). For All Applications.
2l	KIT15007LH	Shaft Repair Kit	Can Be Used Only on Left Hand Threaded Power Shafts for Major Caliper Rebuilds. Minor Caliper Rebuild
4b	KIT15010	Bushing Kit	Bushings DO NOT Require Burnishing. Bushing Minor Overhaul Kit
4b	1225Y1143	Outer Bushing	Inner Caliper Slide Pin Bushing. ADB
4b	1225Z1144	Bushing	Outer Caliper Slide Pin Bushing
4c	1229W2909	Snap Ring	Seal Retainer Snap Ring

CALIPERS MERITOR — ADB1560

CALIPERS



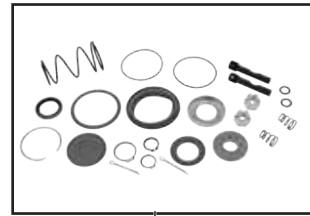
1



4



4h



2i



2j



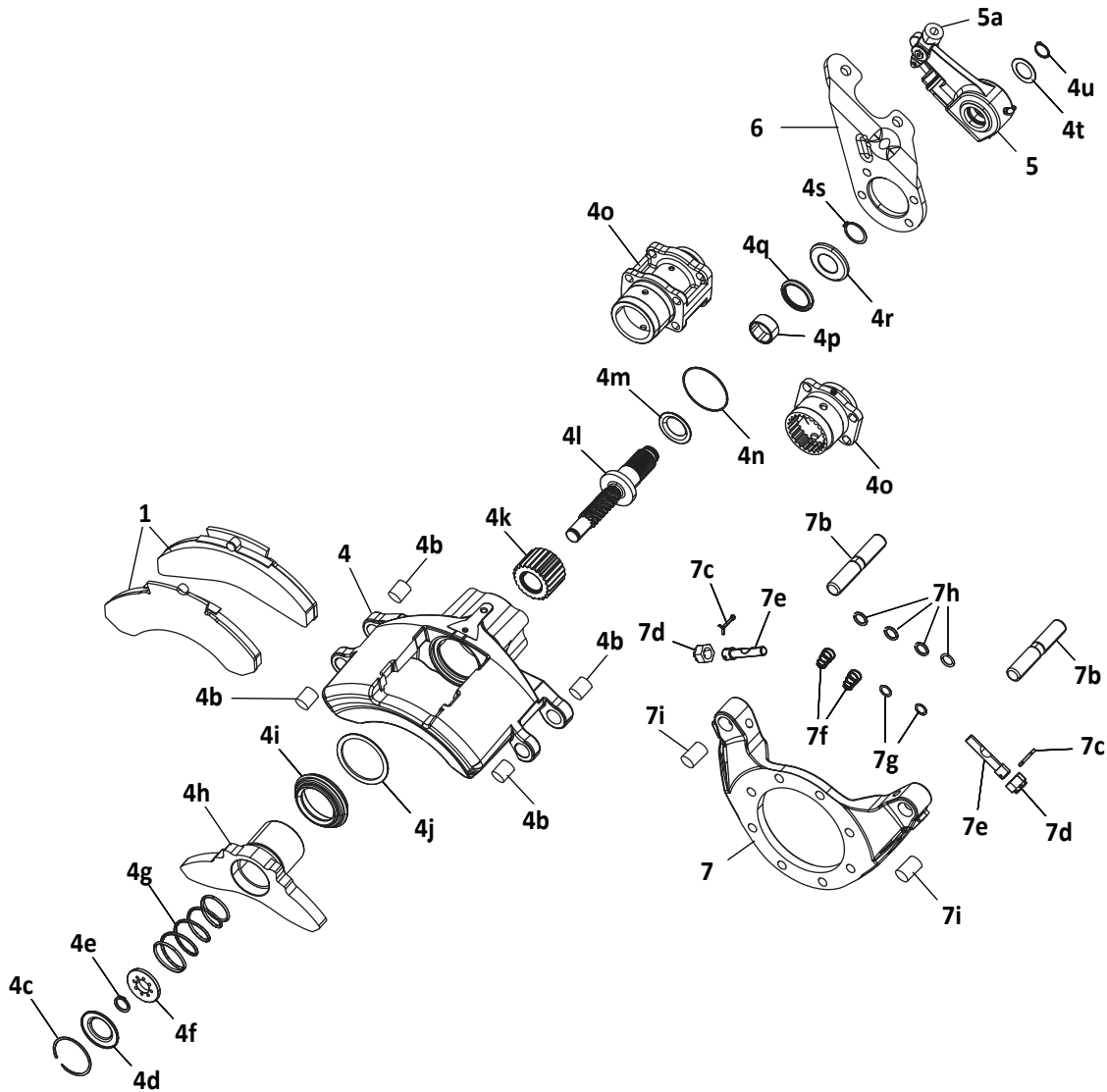
2k



2l



2m



CALIPERS MERITOR — ADB1560

Air Disc Brake

ADB1560 REPAIR PARTS			
KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
4e	1229V1114	Snap Ring	Narrow Groove Retaining Ring
4e	42X1062	Retaining Ring	External Retaining Ring
4f	1225K973	Bushing	Power Shaft Inner Pilot
4g	2258F1176	Spring	ADB Piston Return Spring (Tapered). Unpainted
4h	2230M195	Piston	Caliper Piston
4i	2260D1018	Piston Boot	Piston Boot
4j	1205T1762	Seal	Piston to Caliper Seal
4k	40X1009	Power Shaft Nut	
4l	2210G5233	Power Shaft	LH Thread - Used in A1 3263M1157
4l	2210G5233S	Power Shaft	LH Thread - Power Shaft
4l	2210H5234	Power Shaft	RH Thread - Used in A2 3263M1157
4l	2210H5234S	Power Shaft	RH Thread - Power Shaft
4m	1229T2906	Thrust Washer	Power Shaft Thrust Washer
4n	5X884	O-Ring	
4o	A3262M377	Power Shaft Cap	
4p	1225A1249	Bushing	Part of Power Shaft KIT15015
4q	A1205F2242	Seal	
4s	1229Z1118	Snap Ring	
7	KIT15018	Spring Kit	Helper Springs for ADB Calipers. Slide Pin Return Spring Kit
7b	1259Z1040	Slide Pin	For Prevost Applications Only
7c	K2514Z	Cotter Pin	Used in Rebuild Kit
7d	1227G1229	Nut	
7e	43X1037	Pin	Not Sold Separately
7f	2258R694	Spring	Retaining Pin Spring
7g	42X1013	Washer	
7h	3780U151	O-Ring	
7i	1225M1001	Bushing	Torque Plate Bushing
Not Shown	KIT15019	Retainer Assembly	
Not Shown	A1779W283	Grease	
	1225D1252	Bushing	Part of Power Shaft Kit
Not Shown	0645NLG12-145	Grease	For High Heat Applications

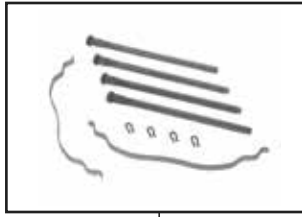
CALIPERS

CALIPERS MERITOR — D-LISA

CALIPERS



1



2



5



6



6a



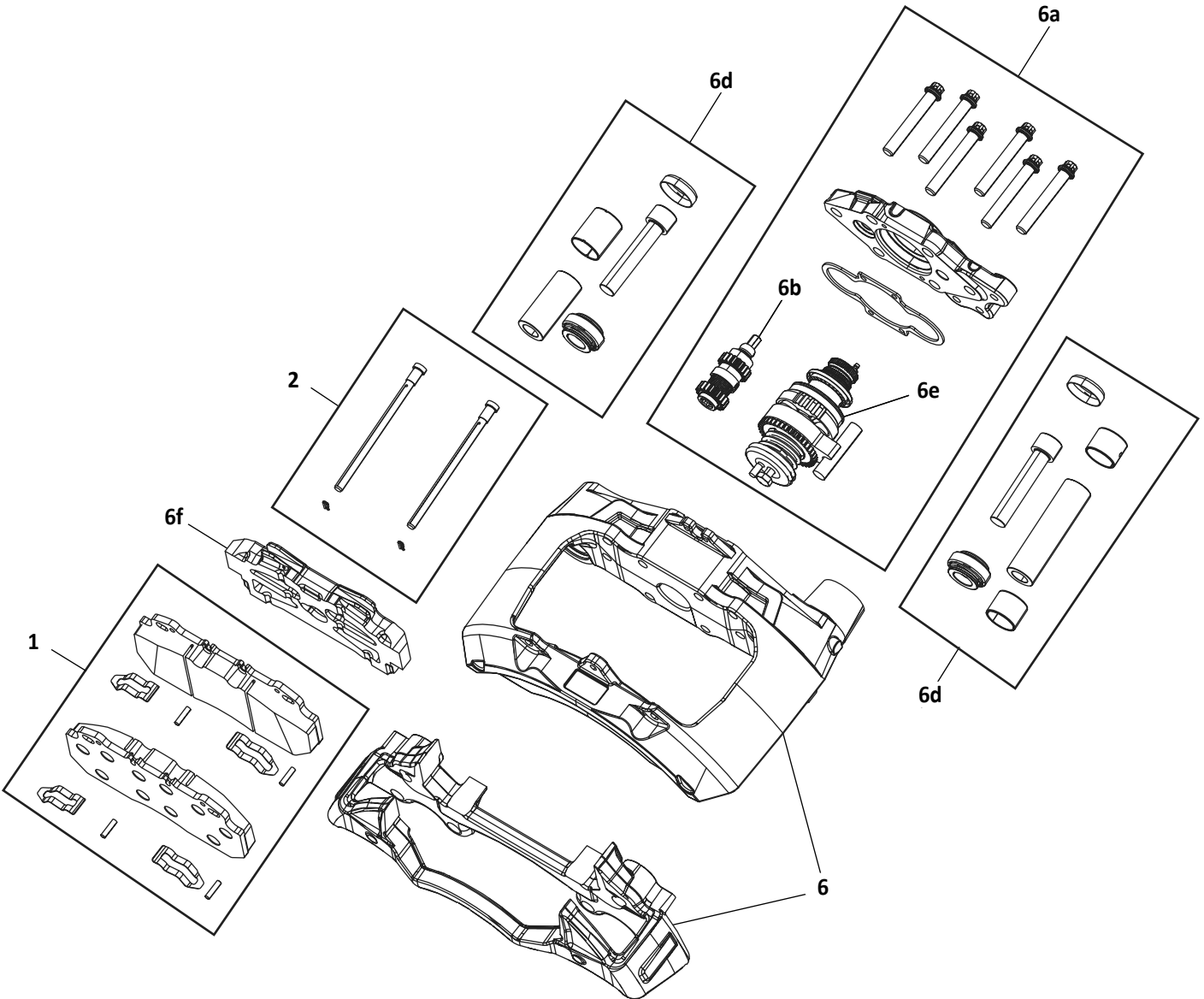
6b



6c



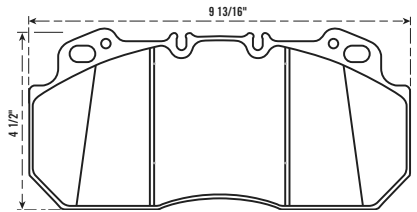



6e



CALIPERS MERITOR — D-LISA

Air Disc Brake

9 13/16" MERITOR — D-LISA

PAD	LEFT AND RIGHT CALIPER
	 <div style="display: flex; justify-content: space-around; margin-top: 5px;"> Left Caliper Right Caliper </div>
CHAMBER MOUNT	PAD CARRIER
 <p style="text-align: center; margin-top: 5px;">Perpendicular</p>	 <p style="text-align: center; margin-top: 5px;">Axial</p>

CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Perpendicular	One-Piece	Axial	6	M20 X 1.5	1 12/16"	LRG630	LRG631	New

D-LISA REPAIR PARTS

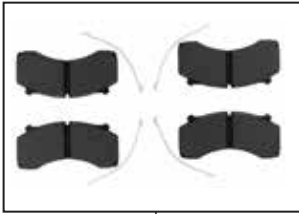
KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1	68932068NZP	Pad Kit	
1	MMD1312AF	Pad Kit All Makes	Includes Hardware
2	SJ4022	Pad Fitting Kit	2 Spreader Springs 4-Pad Clips 4-Pad Retaining Pins
5	68915074	Lever with Bolt	Lever Comes with Bushing and Bolt with Offset to the Right
5	68915075	Lever with Bolt	Lever Comes With Bushing and Bolt with Offset to the Left
6b	SJ4113	Auto Adjusting Kit Left	Includes Grease
6b	SJ4114	Auto Adjusting Kit Right	Includes Grease
6c	SJ4078	Seal Kit	All Boots and Gasket W/ Grease
6d	SJ4021	Guide Pin Bolt Kit	Long and Short Bolt Only
6d	SJ4076	Guide Pin Kit	
6d	SJ4077	Guide Pin Cover Kit	Slide Pin Boots and Grease Only
6e	MCK1023	Op. Shaft Right	
6e	MCK1024	Op. Shaft Left	
6f	SJ4117	Spreader Plate	Universal Spreader Plate Kit

Not Shown

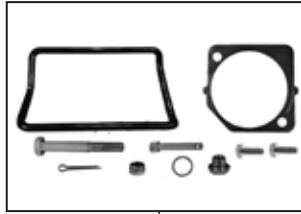
- | | |
|-------------|-------------------|
| X19 3276X24 | Chamber Front, LH |
| X20 3276X24 | Chamber Front, RH |
| C37 3276X24 | Chamber Rear, LH |
| C38 3276X24 | Chamber Rear, RH |

CALIPERS MERITOR — DX195

CALIPERS



1



2



3



3a



4



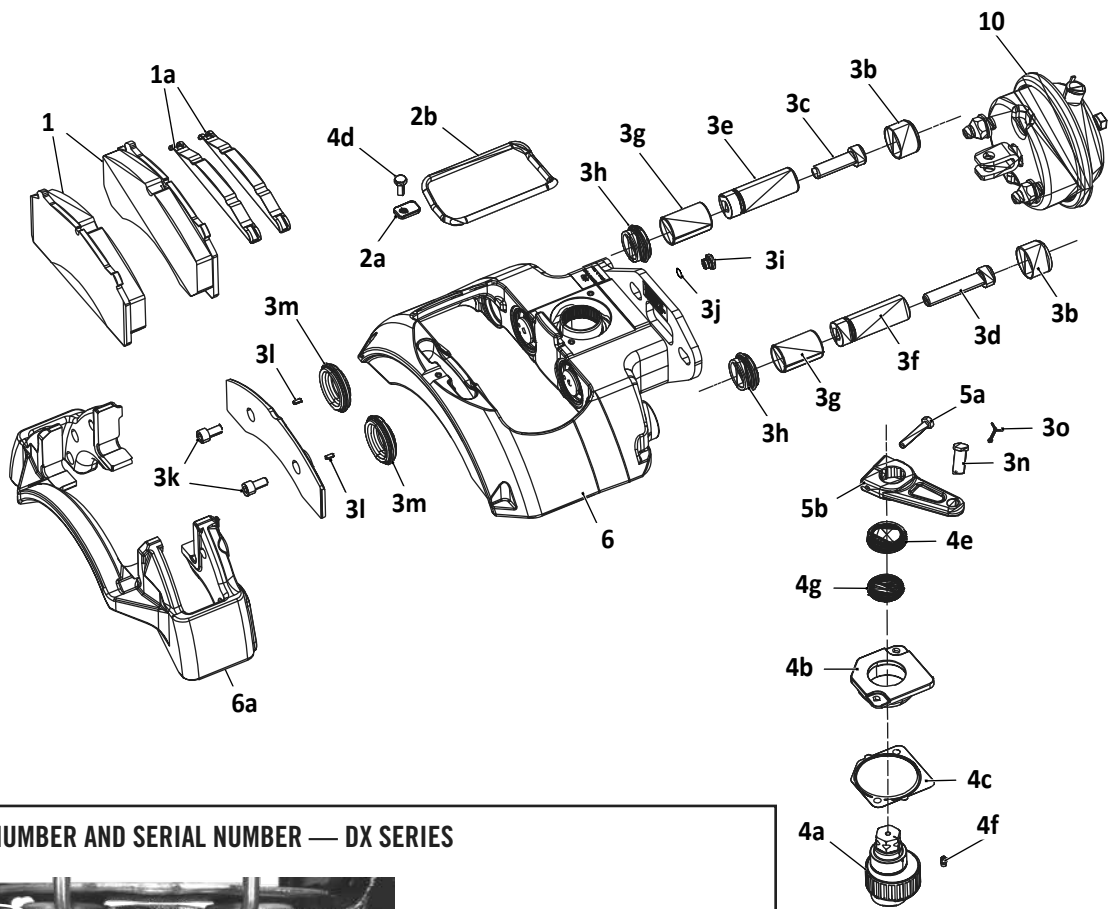
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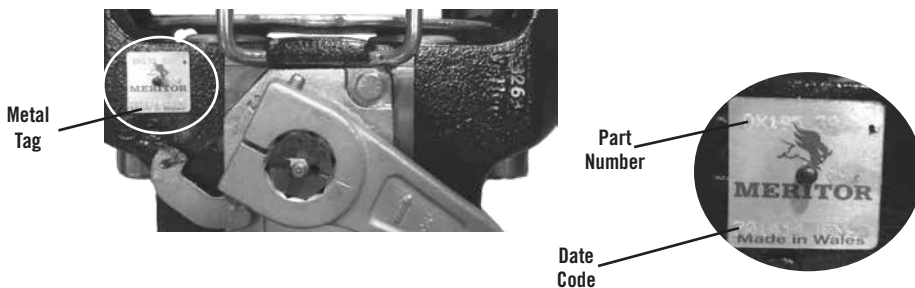
6a



6b



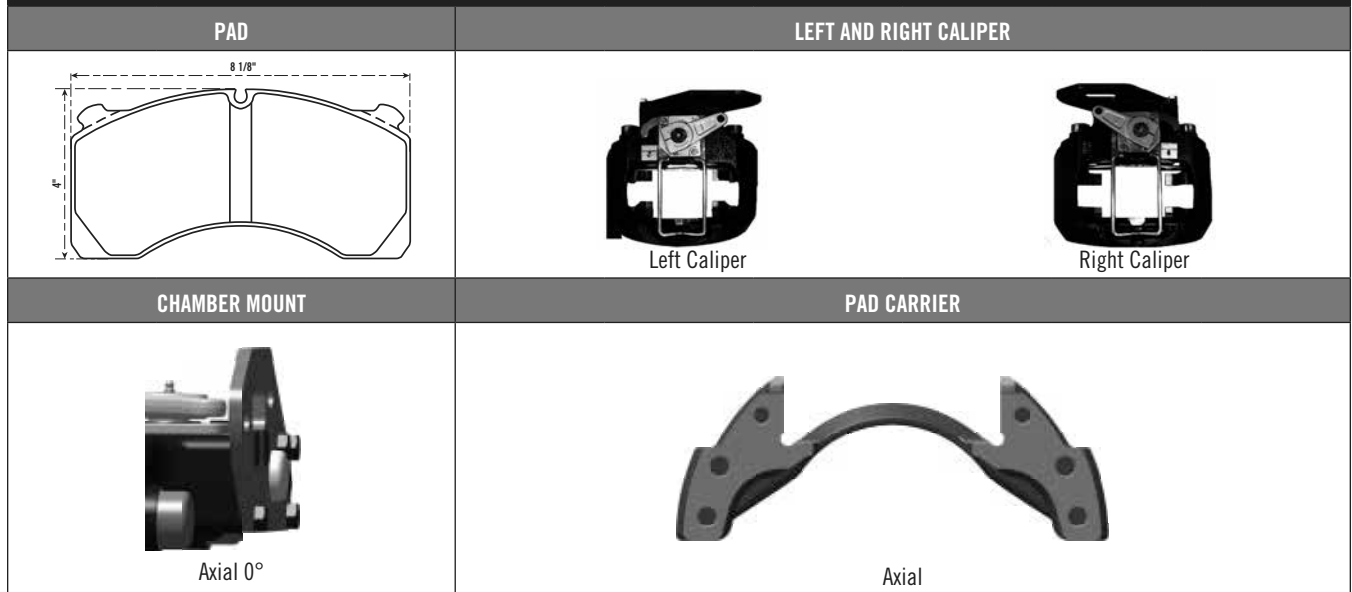
LOCATING PART NUMBER AND SERIAL NUMBER — DX SERIES



CALIPERS MERITOR — DX195

Air Disc Brake

8 1/8" MERITOR DX195



CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Axial 0°	One-Piece	Axial	4	M20 X 1.5	1 15/16"	DX19539	DX19540	New

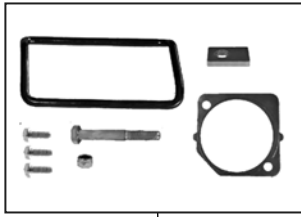
DX195 REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1, 1a	KIT195020	Pad Kit	Transit Lining (MA705)
1, 1a	KIT195021	Pad Kit	Transit Lining (MA721)
1, 1a	MMD1525AF	Pad Kit	All Makes
1a	2258C1303	Pad Spring	One Required Per Pad
2a, 2b, 3n, 3o, 5a	MCK1154	Stabilizer Bar Kit	
3b - 3m	MCK1171	Slide Pin Kit	Includes Grease
3b, 3c, 3d, 3h, 3m	MCK1192	Boot Kit	Includes Grease
3i, 3j	MCK1375	Plug Kit	
Not Pictured	KIT195011	Carrier Bolt Kit	M20x60mm + M20 Washers
3i, 3j, 3n, 3o, 4a-4g, 5a	MCK1294	Shaft Seal	Includes Grease
5a, 5b	MCK1161	Lever Kit	Includes Nut
10	V893276P16	Service Chamber	Sealed Unit, Size 16, 2.5" Stroke
10	C403276X24	Tandem Chamber	Sealed Unit, Size 24/24, 2.5" Stroke
10	C473276X24	Tandem Chamber	Sealed Unit, Size 24/30, 2.5" Stroke
10	KIT195015A	Air Chamber	Type 16
10	KIT195018A	Service Chamber	Type 24
10	KIT195013	Air Chamber	Piggyback Type 24

CALIPERS MERITOR — DX225



1



2



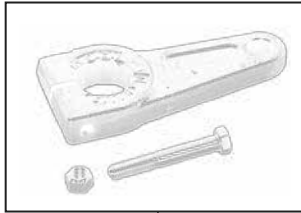
3



3a



4



5

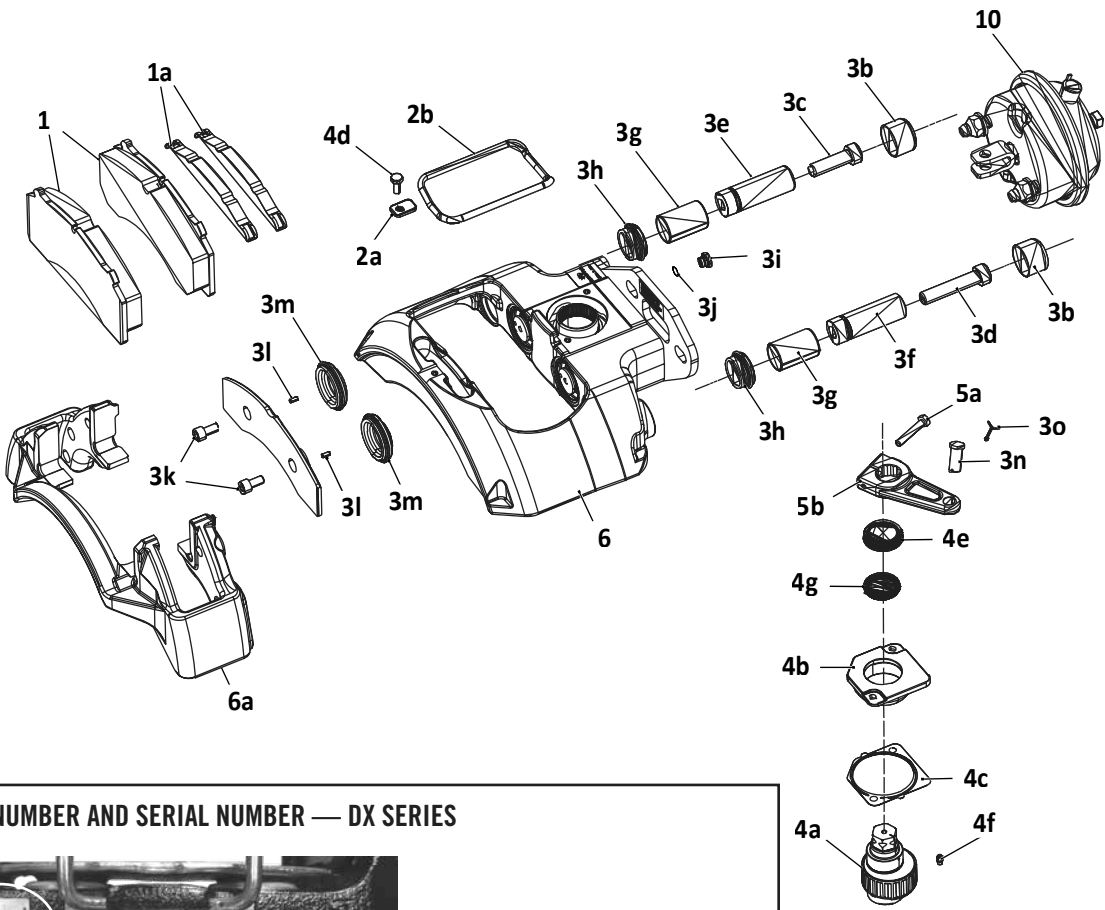


6a



6b

CALIPERS



LOCATING PART NUMBER AND SERIAL NUMBER — DX SERIES

Metal Tag

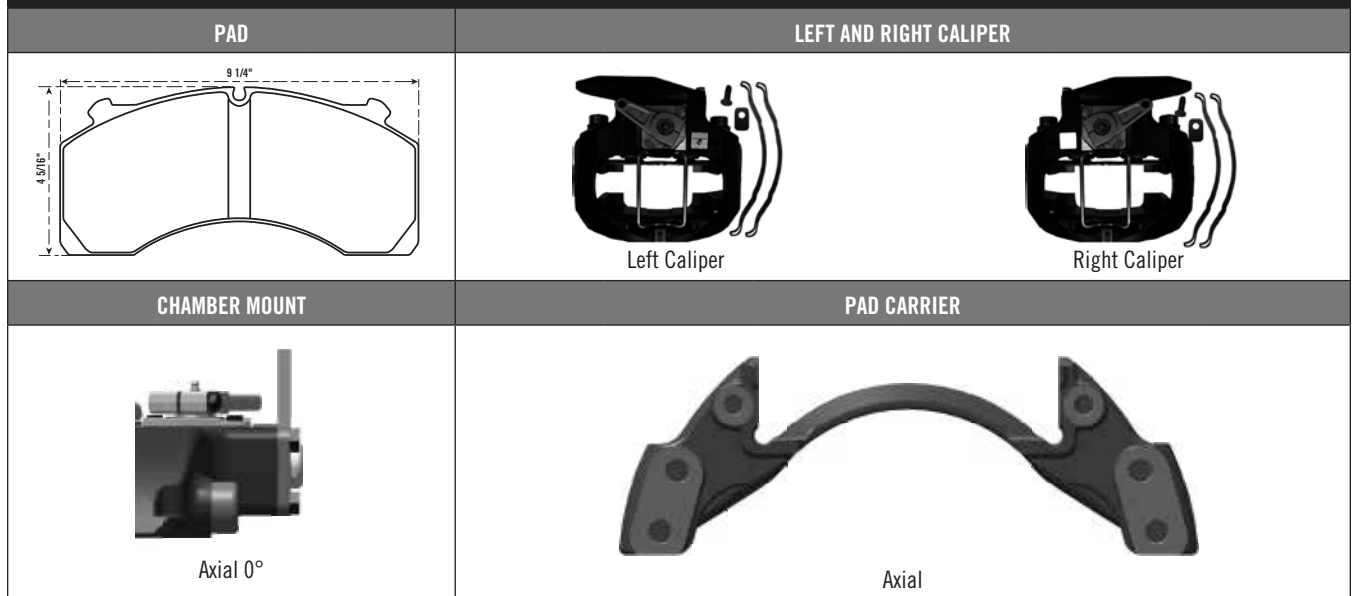
Part Number

Date Code

CALIPERS MERITOR — DX225

Air Disc Brake

9 1/4" MERITOR — DX225



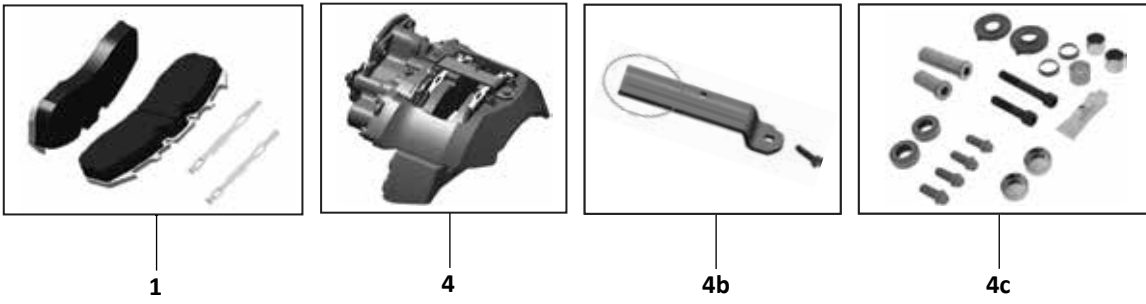
CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Axial 0°	One-Piece	Axial	4	M20 X 1.5	1 15/16"	DX225211001K	DX225211002K	New

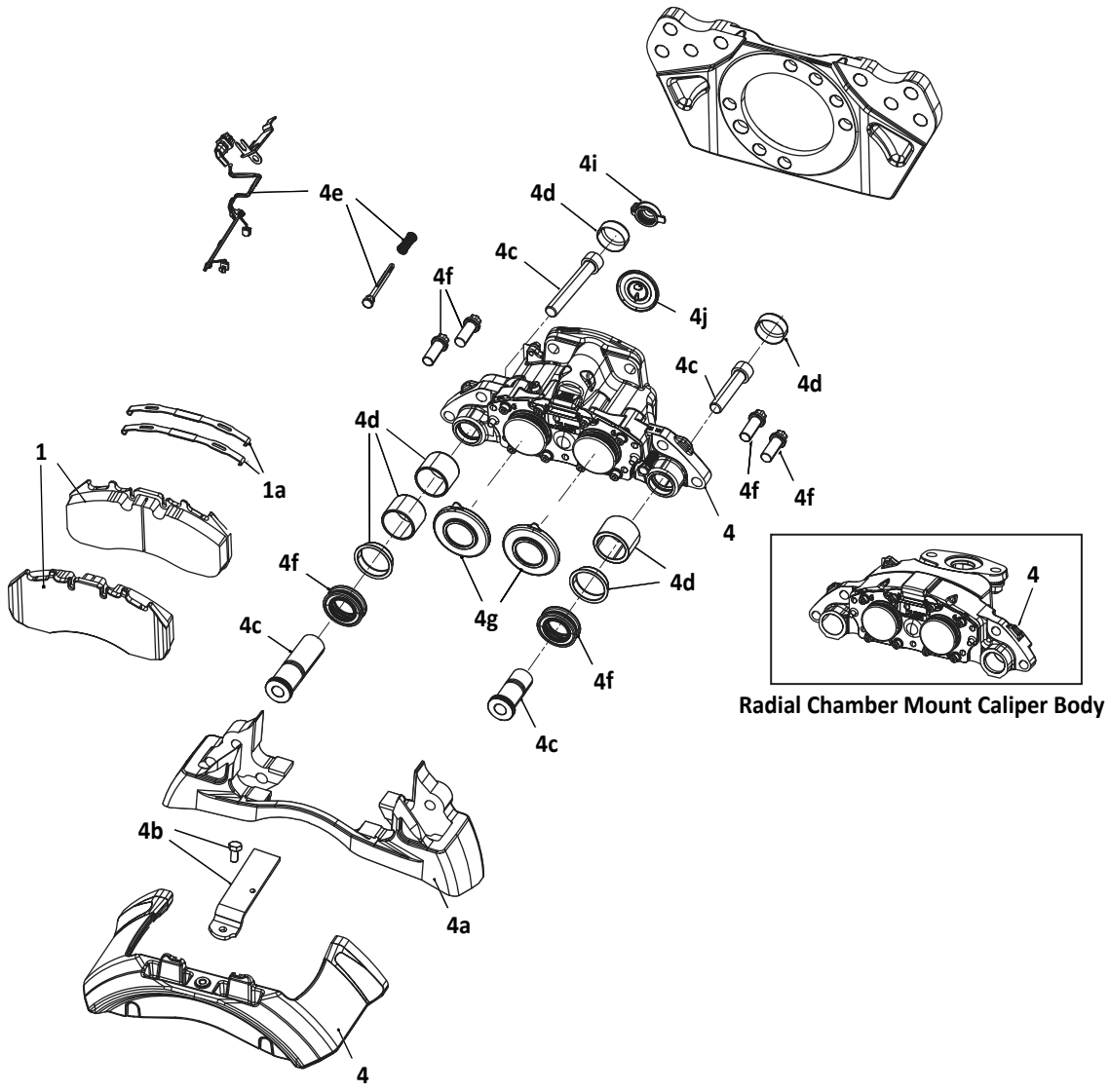
DX225 REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1, 1a	KIT225020	Pad Kit	MA705
1, 1a	KIT225021	Pad Kit	MA721
1, 1a	KIT195020	Pad Kit	MA705
1, 1a	MMD1526AF	Pad Kit	All Makes
1a	2258C1303	Spring	One Required Per Pad
3	MCK1171	Slide Pin/Seal	Includes Grease
3a	MCK1192	Seal Kit	Includes Grease
4	MCK1294	Eccentric Shaft Assembly	Includes Grease
5a, 5b	MCK1161	Lever Kit	Includes Nut
6b	MCK1375	Plug Kit	
9	R930171		Includes Hub
10	V893276P16	Brake Chamber	Sealed Unit, Size 16, 2.5" Stroke
10	C403276X24	Brake Chamber	Sealed Unit, Size 24/24, 2.5" Stroke
10	C473276X24	Brake Chamber	Sealed Unit, Size 24/30, 2.5" Stroke
10	KIT195015A	Brake Chamber	Type 24
10	KIT195018A	Brake Chamber	Type 24
10	KIT195013	Kit-Clevis Pin	Piggyback Type 24
Not Pictured	KIT195011	Kit-Saddle Bolt	M20X60mm + M20 Washers

CALIPERS MERITOR — ELSA 2



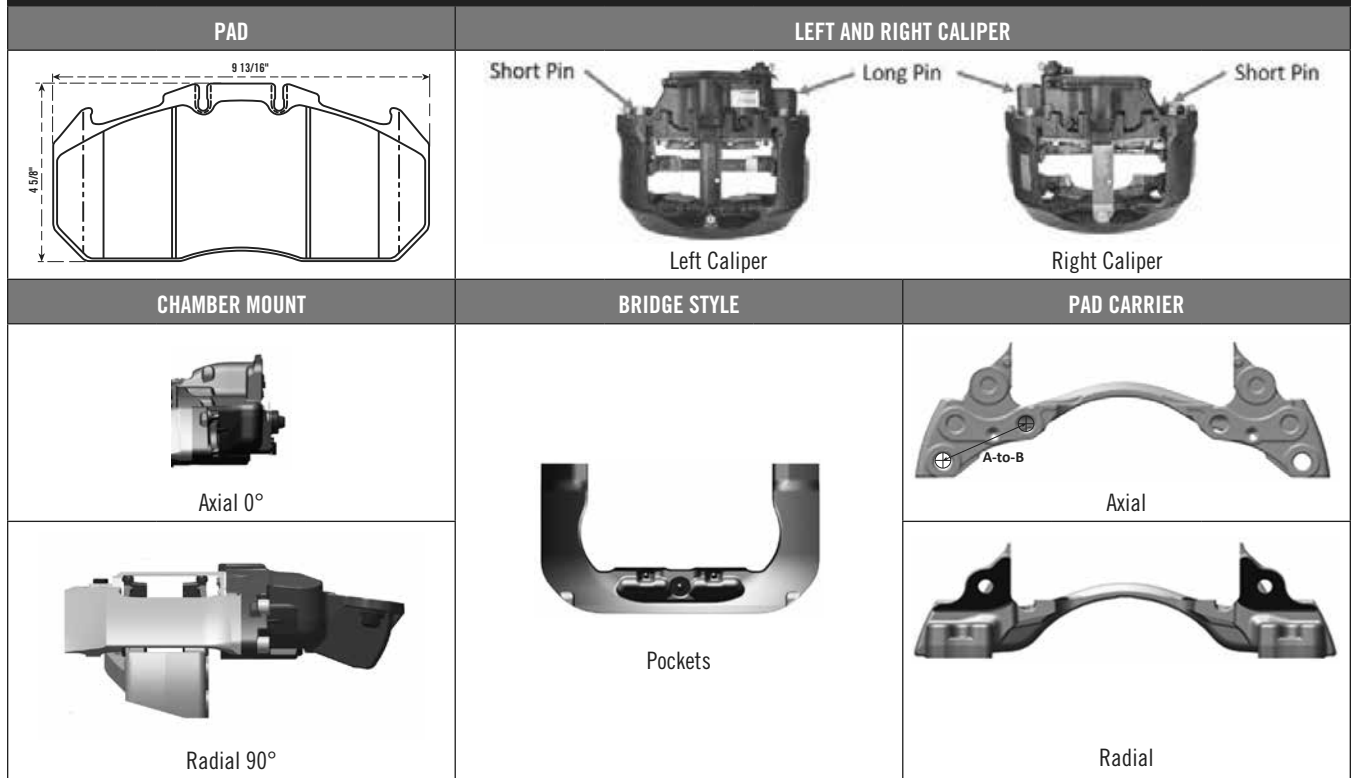
CALIPERS



CALIPERS MERITOR — ELSA 2

Air Disc Brake

9 13/16" MERITOR — ELSA 2



CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Axial 0°	Pockets	Axial	6	M18 X 1.5	4 1/8"	LRG723NX	LRG722NX	New
Axial 0°	Pockets	Axial	6	M18 X 1.5	4 1/8"	LRG749NX	LRG748NX	New
Radial	Pockets	Axial	6	M18 X 1.5	4 1/8"	LRG662NX	LRG663NX	New

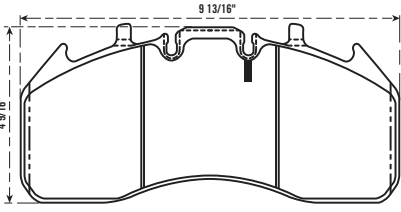









ELSA 2 REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
4a	MCK1138	Pad Carrier	
4b	KIT225281	Pad Retainer Kit	
4c	MCK1243	Guide Pin Kit	For LRG662/663
4c	MCK1289	Guide Pin Kit	For LRG722/723
4f	KIT225227	Bridge Bolt Kit	
4g	MCK1139	Piston Boots	For One Brake
4g	KIT225269	Piston Boots	For Six Brakes
4i	68322655PK10	Dust Cap	
4j	68323746PK10	Brake Chamber Seal	

CALIPERS MERITOR — EX225H

To view larger images go to pages 72-73

9 13/16" MERITOR — EX225H


PAD		LEFT AND RIGHT CALIPER		
		 		
<p>Left Caliper</p> <p>Right Caliper</p>		CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER
 		 		
<p>Axial 0°</p> <p>Axial 12°</p>		<p>Flat</p> <p>Axial</p>		
		 		
<p>Radial 90°</p>		<p>Pockets</p> <p>Radial</p>		

CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Axial 0°	Flat	Axial	6	M16 X 1.5	4"	EX225H208XX000	EX225H207XX000	New
Axial 0°	Pockets	Axial	6	M18 X 1.5	4 1/8"	EX225H312XX000	EX225H311XX000	New
Axial 0°	Flat	Axial	6	M20 X 1.5	4 1/8"	EX225H202R	EX225H201R	Remanufactured
Axial 0°	Flat	Axial	6	M20 X 1.5	4 1/8"	EX225H202XX000	EX225H201XX000	New
Axial 0°	Pockets	Axial	6	M20 X 1.5	4 1/8"	EX225H302R	EX225H301R	Remanufactured
Axial 0°	Pockets	Axial	6	M20 X 1.5	4 1/8"	EX225H302XX000	EX225H301XX000	New
Axial 0°	Flat	Axial	6	M20 X 2.0	2 15/16"	EX225H217R	EX225H218R	Remanufactured
Axial 0°	Flat	Axial	6	M20 X 2.0	2 15/16"	EX225H227XX101	EX225H228XX101	New
Axial 0°	Flat	Axial	8	M20 X 1.5	4 1/8"	EX225H206R	EX225H205R	Remanufactured
Axial 0°	Flat	Axial	8	M20 X 1.5	4 1/8"	EX225H206XX000	EX225H205XX000	New
Axial 0°	Pockets	Axial	8	M20 X 1.5	4 1/8"	EX225H306XX000	EX225H305XX000	New
Axial 0°	Pockets	Radial	4	M16 X 1.5	1 9/16"	EX225H310R	EX225H309R	Remanufactured
Axial 0°	Pockets	Radial	4	M16 X 1.5	1 9/16"	EX225H310XX000	EX225H309XX000	New
Axial 12°	Flat	Radial	4	M20 X 1.5	1 9/16"	EX225H215R	EX225H216R	Remanufactured
Axial 12°	Flat	Radial	4	M20 X 1.5	1 9/16"	EX225H225XX101	EX225H226XX101	New
Radial 90°	Flat	Axial	6	M16 X 1.5	4	EX225H404XX001	EX225H403XX001	New
Radial 90°	Pockets	Axial	6	M20 X 1.5	4 1/8"	EX225H602XX000	EX225H601XX000	New
Radial 90°	Flat	Axial	8	M20 X 1.5	4 1/8"	EX225H406XX000	EX225H405XX000	New

CALIPERS MERITOR — EX225H


Air Disc Brake



To determine correct carrier mounting hardware to anchor plate


- Measure anchor plate thickness in millimeters
- Check charts

Torque plate thickness determines bolt length



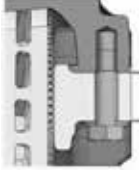
EX+ H WITH AXIAL MOUNT PAD CARRIER (REQUIRES MWA520P WASHER)

TORQUE PLATE THICKNESS			1" (25 MM)	1 3/16"	1 3/4" (45 MM)	# OF BOLTS & WASHERS PER CALIPER	OE FRICTION PART NUMBER (PAD KIT # + FRICTION CODE)	
BOLT LENGTH REQUIRED (MM)			55	60	75		PAD KIT #	FRICTION CODE
CALIPER #	PAD CARRIER							
EX225H	201XX000, 202XX000, 201R, 202R	3215G1593	41X1621V	41X1484V	41X1622V	6	KIT2252H2	CD, CG, DD
EX225H	205XX000, 206XX000, 205R, 206R	3215W1791	41X1621V	41X1484V	41X1622V	8	KIT2252H2	CD, CG, DD
EX225H	217XX101, 218XX101, 217R, 218R	68327466		41X1686		6	KIT2252HB	MA9500, M7400
EX225H	227XX101, 228XX101	68327466		41X1686		6	KIT2252HB	MA9500, M7400
EX225H	301XX000, 302XX000, 301R, 302R	3215G1593	41X1621V	41X1484V	41X1622V	6	KIT2252H2	CD, CG, DD
EX225H	305XX000, 306XX000	3215W1791	41X1621V	41X1484V		8	KIT2252H2	CD, CG, DD
EX225H	311XX000, 312XX000	68324195		MS218060-M1		6	KIT2252H2	CD, CG, DD
EX225H	405XX000, 406XX000	3215W1791	41X1621V	41X1484V		8	KIT2252H2	CD, CG, DD
EX225H	601XX000, 602XX000	3215G1593	41X1621V	41X1484V	41X1622V	6	KIT2252H2	CD, CG, DD




To determine correct carrier mounting hardware to anchor plate

- Measure anchor plate thickness in millimeters
- Check charts



With hex head bolts torque plate thickness determines bolt length



With socket head bolts torque plate thickness determines bolt length

EX+ H WITH RADIAL MOUNT PAD CARRIER (REQUIRES 1229B4786 WASHER)

TORQUE PLATE THICKNESS			1 3/8" (35 mm)	1 3/4" (45 mm)	2 1/8" (55 mm)	# OF BOLTS & WASHERS PER CALIPER	OE FRICTION PART NUMBER (PAD KIT # + FRICTION CODE)	
BOLT LENGTH REQUIRED (MM)			60	80	90		PAD KIT #	FRICTION CODE
CALIPER #	PAD CARRIER							
EX225H	215XX101, 216XX101, 215R, 216R	68327178	41X1801 (no washer)			4	KIT2252H	VBP, BMA9500
EX225H	225XX101, 226XX101	68327178	41X1801 (no washer)			4	KIT2252H	VBP, BMA9500
EX225H	309XX000, 310XX000, 309R, 310R	3215P1914	41X1793			4	KIT2252H2	CD, CG, DD

Options for pad friction: A Type: **CD** Coach. N Type **CG** Transit/Coach, **DD**, **MA9500** Refuse

CALIPERS MERITOR — EX225H

CALIPERS



1

4

4b

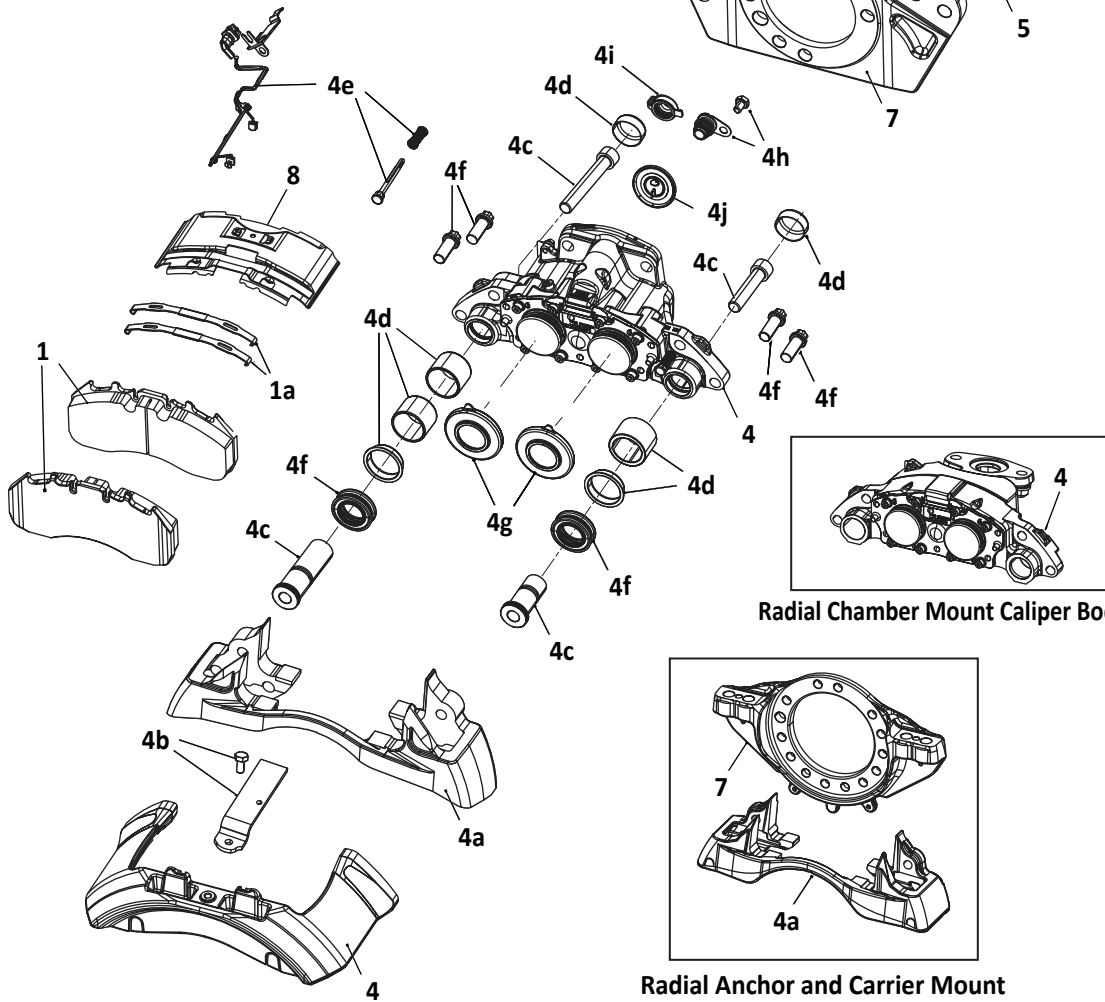
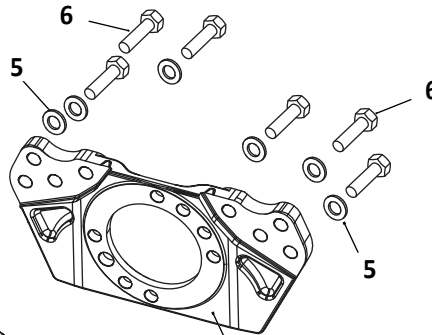
4c



4d



4f



Radial Chamber Mount Caliper Body

Radial Anchor and Carrier Mount

CALIPERS MERITOR — EX225H

Air Disc Brake

EX225H REPAIR PARTS			
KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1, 1a	KIT2252H2CD	EX225 Axle Set	MA761 for coach applications, A-type
1, 1a	KIT2252H2CG	EX225 Axle Set	MA9300 for Transit, N-type
1, 1a	KIT2252H2DD	EX225 Axle Set	MA9500 for Refuse, N-type
1, 1a	KIT2252HVBP	EX225 Axle Set	M7400 N-Type, for Mack/Volvo Brake, Volvo Genuine
1, 1a	KIT2252HBMA9500	EX225 Axle Set	MA9500 N-Type, for Mack/Volvo Brake
1, 1a	MMD1311AF	EX225 Axle Set	All Makes, N Type Lining
1a	68324769	Ex-225 Pad Spring	One Required Per Pad
4b	KIT225281	Retainer Bar Kit	For All EX + H Calipers
4c-d, 4f-g	KIT225280	Slide Pin Kit	All EX+ H Calipers
4d, 4f	KIT225221	Bushing Kit	
4e	KIT225207ES	Wear Indicator	Tray Type Build Prior to 10/09/2012
4e	KIT225207	Wear Indicator	Plastic
4e	KIT225224	Wear Indicator	Metal
4e	KIT225250	Wear Indc/Bolts	Side Clip Built Before 10/09/2012
4e	KIT225251	Wear Indc/Bolts	Side Clip Built After 10/09/2012
4f	KIT225227	Bridge Bolts	8 Bolts Per Kit
4f, 4g, 4i	KIT225201	EX225H Boot Kit	
4g	KIT225269		Includes Grease
4h	MCK1352	Kt/Vacuum Adapt	Includes Bolt
4i	68322655PK10	Adjuster Cap	10 Per Kit
4j	68323746PK10	Brake Chamber Seal	10 Per Kit
8	3264Q1577	Shield	
6	10X1776	Bolt	M20 X 1.5 X 90 mm
6	10X1793	Bolt	M20 X 1.5 X 80 mm
6	41X1484V	Bolt	M20 X 1.5 X 60 mm
6	41X1621V	Bolt	M20 X 1.5 X 55 mm
6	41X1622V	Bolt	M20 X 1.5 X 75 mm
6	41X1686	Bolt	M20 X 2.0 X 60 mm
6	41X1793	Bolt	M16 X 1.5 X 60 mm
6	41X1801	Bolt	M20 X 1.5 X 60 mm Inside Hex

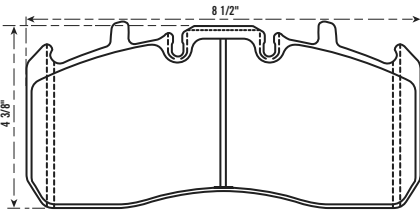












EX225H MOST COMMON REPAIR PARTS			
KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
4b	KIT225281	Retainer Bar Kit	
4c-d, 4f-g	KIT225280	Slide Pin Kit	For All EX+ H Calipers
4e	KIT225224	Wear Indicator	Metal
4f, 4g, 4i	KIT225201	Boot Kit	

CALIPERS

CALIPERS MERITOR — EX225L

To view larger images go to pages 72-73

8 1/2" MERITOR — EX225L


PAD			LEFT AND RIGHT CALIPER			
			 <p>Left Caliper</p>		 <p>Right Caliper</p>	
CHAMBER MOUNT			BRIDGE STYLE			PAD CARRIER
 Axial 0°	 Axial 4°	 Axial 12°	 Flat	 Pockets	 Rectangular	 Axial
			 Slots	 Windows	 Radial	

CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		NOTES
						LEFT	RIGHT	
Axial 0°	Flat	Axial	4	M20 X 1.5	1 7/8"	EX225L202XX000	EX225L201XX000	
Axial 0°	Rectangular	Radial	4	M20 X 1.5	1 13/16"	EX225L208XX000	EX225L207XX000	
Axial 4°	Pockets	Axial	6	M20 X 2.0	2 15/16"	EX225L235XX000	EX225L236XX000	Pad carrier has inner beam
Axial 4°	Pockets	Axial	6	M20 X 2.0	2 15/16"	EX225L237XX000	EX225L238XX000	No inner beam on pad carrier
Axial 4°	Windows	Axial	6	M20 X 2.0	2 15/16"	EX225L267XX000	EX225L268XX000	Steer w/410 mm rotor
Axial 4°	Slots	Axial	6	M20 X 2.0	2 15/16"	EX225L239XX000	EX225L240XX000	
Axial 4°	Pockets	Axial	6	M20 X 1.5	2 15/16"	EX225L251XX000	EX225L252XX000	
Axial 4°	Pockets	Axial	6	M20 X 2.0	3 1/4"	EX225L257XX000	EX225L258XX000	
Axial 4°	Pockets	Radial	4	M20 X 1.5	1 9/16"	EX225L221XX000	EX225L222XX000	
Axial 4°	Slots	Radial	4	M20 X 1.5	1 9/16"	EX225L225XX000	EX225L226XX000	Steer w/410 mm rotor
Axial 12°	Windows	Axial	6	M20 X 2.5	2 9/16"	EX225L261XX000	EX225L262XX000	
Axial 12°	Windows	Axial	6	M20 X 2.5	2 9/16"	EX225L273XX000	EX225L274XX000	No PWWI mount on long pin side
Axial 12°	Pockets	Axial	6	M20 X 1.5	2 15/16"	EX225L255XX000	EX225L256XX000	
Axial 12°	Windows	Axial	6	M20 X 2.0	2 15/16"	EX225L265XX000	EX225L266XX000	
Axial 12°	Windows	Axial	6	M20 X 2.0	3 1/4"	EX225L271XX000	EX225L272XX000	
Axial 12°	Pockets	Radial	4	M20 X 1.5	1 9/16"	EX225L243XX000	EX225L244XX000	
Axial 12°	Pockets	Radial	4	M20 X 1.5	1 9/16"	EX225L247XX000	EX225L248XX000	
Axial 12°	Slots	Radial	4	M20 X 1.5	1 9/16"	EX225L249XX000	EX225L250XX000	
Axial 12°	Windows	Radial	4	M20 X 1.5	1 9/16"	EX225L269XX000	EX225L270XX000	
Axial 12°	Slots	Radial	6	M20 X 1.5	1 13/16"	EX225L276XX000	EX225L275XX000	

CALIPERS MERITOR — EX225L

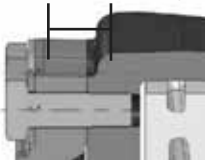
Air Disc Brake



To determine correct carrier mounting hardware to anchor plate


- Measure anchor plate thickness in millimeters
- Check charts

Torque plate thickness determines bolt length



EX+ L WITH AXIAL MOUNT PAD CARRIER (REQUIRES MWA520P WASHER)

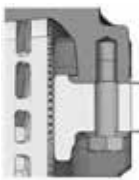
TORQUE PLATE THICKNESS			1" (25 MM)	1 3/16"	1 3/4" (45 MM)	# OF BOLTS & WASHERS PER CALIPER	OE FRICTION PART NUMBER (PAD KIT # + FRICTION CODE)	
BOLT LENGTH REQUIRED (MM)			55	60	75		PAD KIT #	FRICTION CODE
CALIPER #	PAD CARRIER							
EX225L	201XX000, 202XX000	3215D1590	41X1621V	41X1484V		4	KIT2252L2	CG
EX225L	235XX000, 236XX000	68327465		41X1686		6	KIT2252L2	CG
EX225L	237XX000, 238XX000	68327463		41X1686		6	KIT2252L2	CG
EX225L	239XX000, 240XX000	68327462		41X1686		6	KIT2252LB	M7400
EX225L	251XX000, 252XX000	3215R2384	41X1621V	41X1484V		6	KIT2252L2	CG
EX225L	255XX000, 256XX000	3215R2384	41X1621V	41X1484V		6	KIT2252L2	CG
EX225L	257XX000, 258XX000	68327228	41X1862	41X1686		6	KIT2252L2	CG
EX225L	261XX000, 262XX000	68327965		MS220060-P1		6	KIT2252L2	CG
EX225L	265XX000, 266XX000	68327465		41X1686		6	KIT2252LC	M7400 or L2CG
EX225L	267XX000, 268XX000	68327463		41X1686		6	KIT2252L2	CG
EX225L	271XX000, 272XX000	68327228	41X1862	41X1686		6	KIT2252L2	CG
EX225L	273XX000, 274XX000	68327965		MS220060-P1		6	KIT2252L2	CG




To determine correct carrier mounting hardware to anchor plate

- Measure anchor plate thickness in millimeters
- Check charts

With hex head bolts torque plate thickness determines bolt length



With socket head bolts torque plate thickness determines bolt length



EX+ L WITH RADIAL MOUNT PAD CARRIER (REQUIRES 42X1499 WASHER UNLESS SPECIFIED)

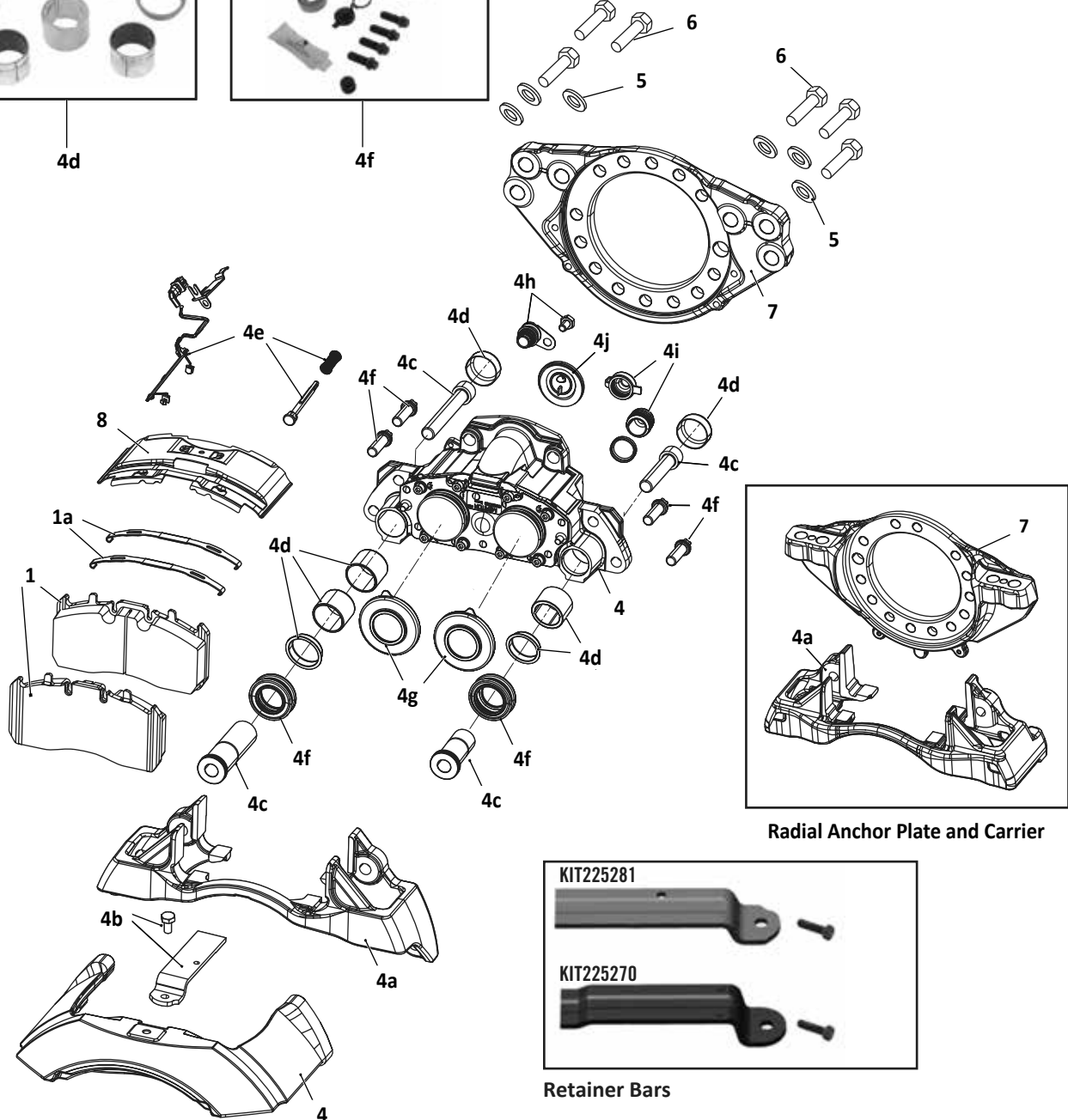
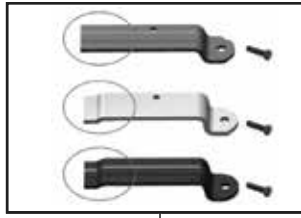
TORQUE PLATE THICKNESS			1 3/8" (35 mm)	1 3/4" (45 mm)	2 1/8" (55 mm)	# OF BOLTS & WASHERS PER CALIPER	OE FRICTION PART NUMBER (PAD KIT # + FRICTION CODE)	
BOLT LENGTH REQUIRED (MM)			60	80	90		PAD KIT #	FRICTION CODE
CALIPER #	PAD CARRIER							
EX225L	207XX000, 208XX000	68326850		10X1793	10X1776	4	KIT2252L2	DE
EX225L	219XX000, 220XX000	68327173	41X1801 (no washer)			4	KIT2252LC	M7400 or L2CG
EX225L	221XX000, 222XX000	68327173	41X1801 (no washer)			4	KIT2252LC	M7400 or L2CG
EX225L	243XX000, 244XX000	68327173	41X1801 (no washer)			4	KIT2252L2	CG
EX225L	247XX000, 248XX000	68327173	41X1801 (no washer)			4	KIT2252LC	M7400 or L2CG
EX225L	249XX000, 250XX000	68327174	41X1801 (no washer)			4	KIT2252LB	M7400
EX225L	269XX000, 270XX000	68327173	41X1801 (no washer)			4	KIT2252LC	M7400 or L2CG
EX225L	275XX000, 276XX000	68326850		10X1793	10X1776	4	KIT2252L2	DE

Options for EX+ L pad friction as follows: **CG** Line Haul, **M7400** Line Haul, **DE** Military, Fire Truck

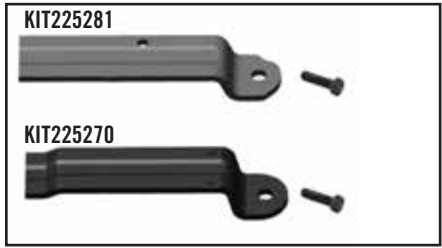
CALIPERS

CALIPERS MERITOR — EX225L

CALIPERS



Radial Anchor Plate and Carrier



Retainer Bars

CALIPERS MERITOR — EX225L

Air Disc Brake

EX225L REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1a	68324769	EX225 Pad Sprg	One Required Per Pad
1, 1a	KIT2252L2CD2	EX225 Axle Set	MA761
1, 1a	KIT2252L2DA	EX225 Axle Set	MA741
1, 1a	KIT2252LBM7070	EX225 Axle Set	M7070 - For 410 mm Rotor
1, 1a	KIT2252LCM7070	EX225 Axle Set	M7070 - For 434 mm Rotor
1, 1a	MMD1370AF	EX225 Axle Set	N Type Lining
1, 1a, 4b (Bolt Only)	KIT2252L2CG	EX225 Axle Set	MA9300
4a	3215D1590	Torque Plate	
4b	KIT225281	Pad Retainer Bar	For EX225L201-210, 225-226, 239-240, 249-250
4b	KIT225237	Pad Retainer Bar	For all other EX225L, includes pilot hole for side clip pad wear warning indicator
4b	KIT225270	Pad Retainer Bar	For all other EX225L without side clip pad wear warning indicator
4c + End Caps	KIT225266	Slide Pin Kit w/o Bushings	EX225L201 - 211 & 245-246
4c + End Caps	KIT225267	Slide Pin Kit w/o Bushings	All EX+ L Except EX225L201-211 & 245-246
4c-d, 4f-g	KIT225276	Slide Pin Kit (Hardened Pins)	EX225L201 - 211 & 245-246
4c-d, 4f-g	KIT225277	Slide Pin Kit (Hardened Pins)	All EX+ L Except EX225L201-211 & 245-246
4c-d, 4f-g	KIT225278	Slide Pin Kit (Stainless Pins)	EX225L201 - 211 & 245-246
4c-d, 4f-g	KIT225279	Slide Pin Kit (Stainless Pins)	All EX+ L Except EX225L201-211 & 245-246
4d, 4f	KIT225221	Bushing Kit	
4e	KIT225207ES	Wear Indicator	Tray Type Build Prior to 10/09/2012
4e	KIT225224	Wear Indicator	Metal
4e	KIT225250	Wear Indc/Bolts	Side Clip Built Before 10/09/2012
4e	KIT225251	Wear Indc/Bolts	Side Clip Built After 10/09/2012
4f	KIT225268	Bridge Bolt Kit	8 Bolts Per Kit
4f, 4g, 4i	KIT225282	Rubber Parts Kit	Piston Boots, Slide Pin Boots, Bridge Bolts and Adjuster Cover
4g	KIT225269	Piston Boot Kit	Includes Grease
4h	MCK1352	Kt/Vacuum Adapt	Includes Bolt
4i	68322655PK10	Protective Cap	For EX225L201-246 and 257-258
4i	1199N4200PK10	Adjuster Plug	For EX225L247-256 and 261+
4i	KIT225271	Adjuster Plug + Retaining Ring	FOR EX225L247-256 and 261+
4j	68323746PK10	Seal-Chamber	Fits All EX225 Except EX225L261, 262, 271, 272
5	42X1499	Washer	M18
5	MWA520P	Washer-Hardened	M20
6	10X1776	Bolt	M20 X 1.5 X 90 mm
6	10X1793	Bolt	M20 X 1.5 X 80 mm
6	41X1484V	Cap-Screw	M20 X 1.5 X 60 mm
6	41X1621V	Cap-Screw	M20 X 1.5 X 55 mm
6	41X1622V	Cap-Screw	M20 X 1.5 X 75 mm
6	41X1686	Cap-Screw	M20 X 2.0 X 60 mm
6	41X1793	Cap-Screw	M16 X 1.5 X 60 mm
6	41X1801	Cap-Screw	M20 X 1.5 X 60 mm Inside Hex
8	3264Q1577	Pad Dust Shield	

CALIPERS

EX225L MOST COMMON REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
4a	KIT225281	Retainer Bar Kit	Fits EX225L201-210, 223-224, 239-240, 249-250
4a	KIT225270	Retainer Bar Kit	Fits all other EX225L (without pad wear warning indicator)
4c - 4g	KIT225276	Slide Pin Kit	Fits EX225L201-211, 245-246
4c - 4g	KIT225277	Slide Pin Kit	Fits all other EX225L
4e	KIT225224	Wear Indicator	Metal
4f, 4g, 4i	KIT225282	Boot Kit	Includes Grease

CALIPERS MERITOR — EX225S

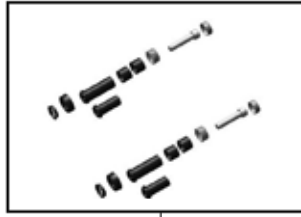
Meritor Single Piston Caliper, will be available in late 2021



1



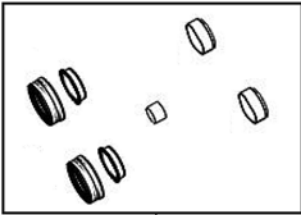
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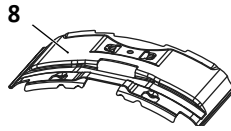
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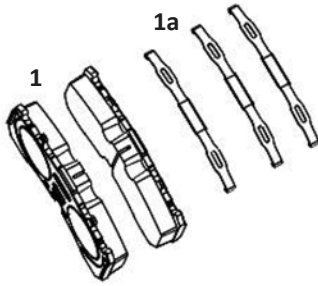
4c



6

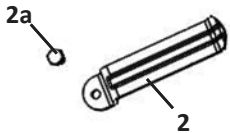


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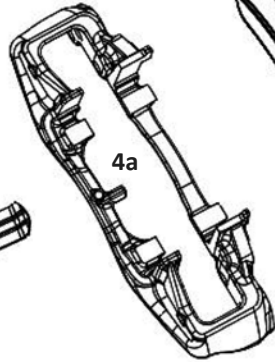
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1a

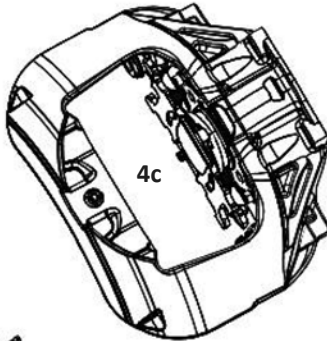


2a

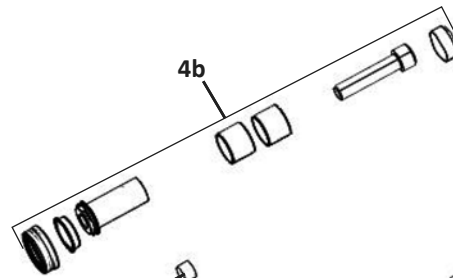
2



4a

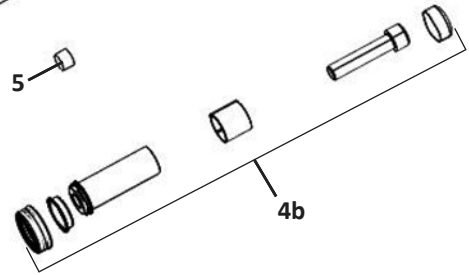


4c



4b

5



4b

CALIPERS

CALIPERS MERITOR — EX225S

Air Disc Brake

8 1/2" MERITOR — EX225S



CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Axial 12°	Windows	Axial	6	M20 X 2.5	2 9/16"	EX225S201XX000	EX225S202XX000	Replaced by 203/204
Axial 12°	Windows	Axial	6	M20 X 2.5	2 9/16"	EX225S203XX000	EX225S204XX000	New
Axial 12°	Windows	Axial	6	M20 X 2.5	3 1/4"	EX225S205XX000	EX225S206XX000	New

EX225S REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1, 1a, 2a	KIT2252L2CG2	Brake Pad Kit	Includes two retainer bar bolts, six pad springs and two adjuster plugs
2, 2a	KIT225301	Retainer Bar Kit	
4b	KIT225300	Slide Pin Kit	For EX225S201 - 202
4b	KIT225303	Slide Pin Kit	For EX225S203 - 206
5	P28SPK10	Adjuster Plug	10 Per Bag
6	KIT225302	Boot Kit	Includes Grease
8	3264J1674	Pad Shield	

AIR DISC BRAKE TOOLS — MERITOR EX+

MERITOR EX+ TOOLS

	COMPRESSED PART	PART STATUS	PART DESCRIPTION	MARKET CODE	MARKET CODE DESCRIPTION
	MST1000	A	Bushing Tool	GS	Air Disc Brake/Tools
	3256B1354	A	Wrench	GS	Air Disc Brake/Tools

CALIPERS BENDIX — ADB22X



1



4



4b

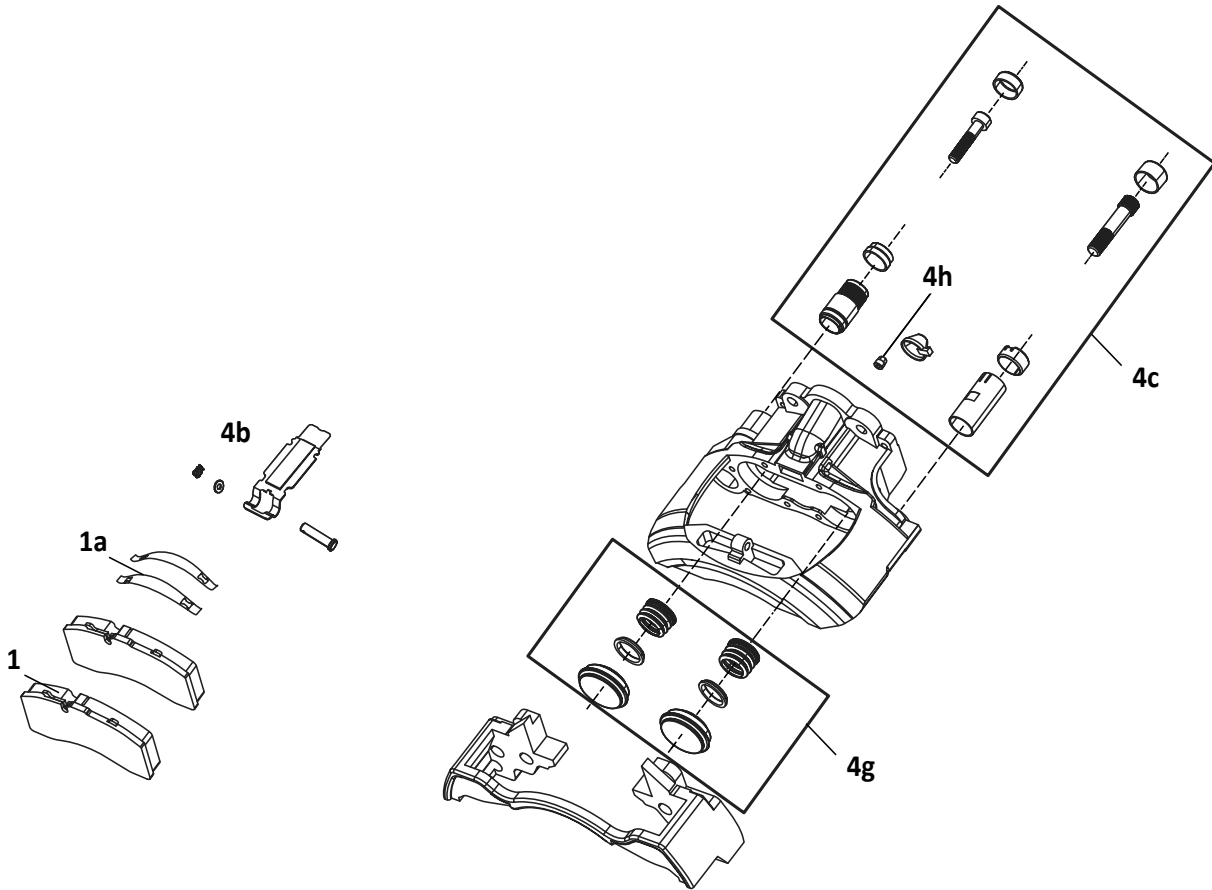


4c



4g

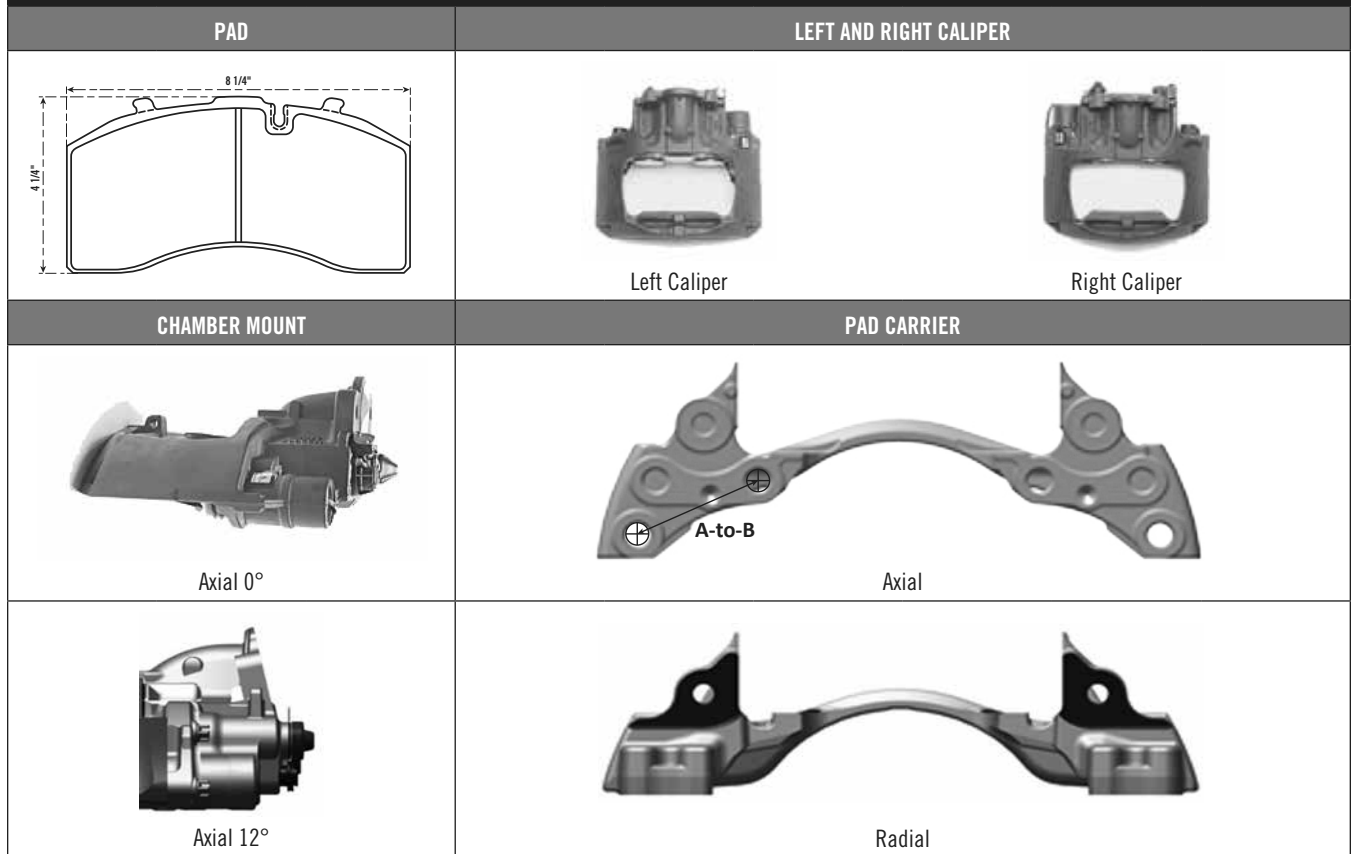
CALIPERS



CALIPERS BENDIX — ADB22X

Air Disc Brake

8 1/4" BENDIX ADB22X



CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		UPGRADE AVAILABLE
						LEFT	RIGHT	
Axial 0°	One-Piece	Axial	6	M20 X 2.5	3 1/4"	M802985X	M802984X	KIT225222
Axial 0°	One-Piece	Axial	6	M20 X 2.5	3 1/4"	MK149714X	MK149715X	KIT225222
Axial 12°	One-Piece	Axial	6	M20 X 1.5	2 9/16"	MK081143X	MK081142X	KIT225295
Axial 12°	One-Piece	Radial	6	M16 X 2.0		MK081257X	MK081256X	KIT225296

BENDIX ADB22X REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1	MMD1369AF	Pad Kit	Includes Retainer Bar
1	MMD1369	Pad Kit	No Hardware Included
1	GMD1369H	Mach Pad Kit	Includes Hardware
4b	MCKSK.2.5.1	Retainer Bar Kit	Includes Cotter Pin and Shear Nuts
4c	MCKSK.6.2	Slide Pin Kit	Includes Grease
4g	MCKSK.4.2	Tappet Boot Kit	
Not Shown	MCKSK.3.4	Sealing Plugs	Caliper Access Plug
4h	MCKSK.2.8	Shear Nut	10 Per Package

BENDIX ADB22X — AXIAL AND RADIAL MOUNT CALIPER HARDWARE

TORQUE PLATE THICKNESS	PAD CARRIER (reference only)	1"	1 3/16"	RADIAL	# OF BOLTS AND WASHERS PER CALIPER
		BOLT LENGTH REQUIRED (MM)			
CALIPER #					
M802984X / 85X	FPK043288	MS220055-Z1	MS220060-P1		6
MK081142X / 43X	FPK051853	41X1621V	41X1484V		6
MK081256X / 57X	FPK056889			X	6

CALIPERS BENDIX — SN7 / SB7



1



4

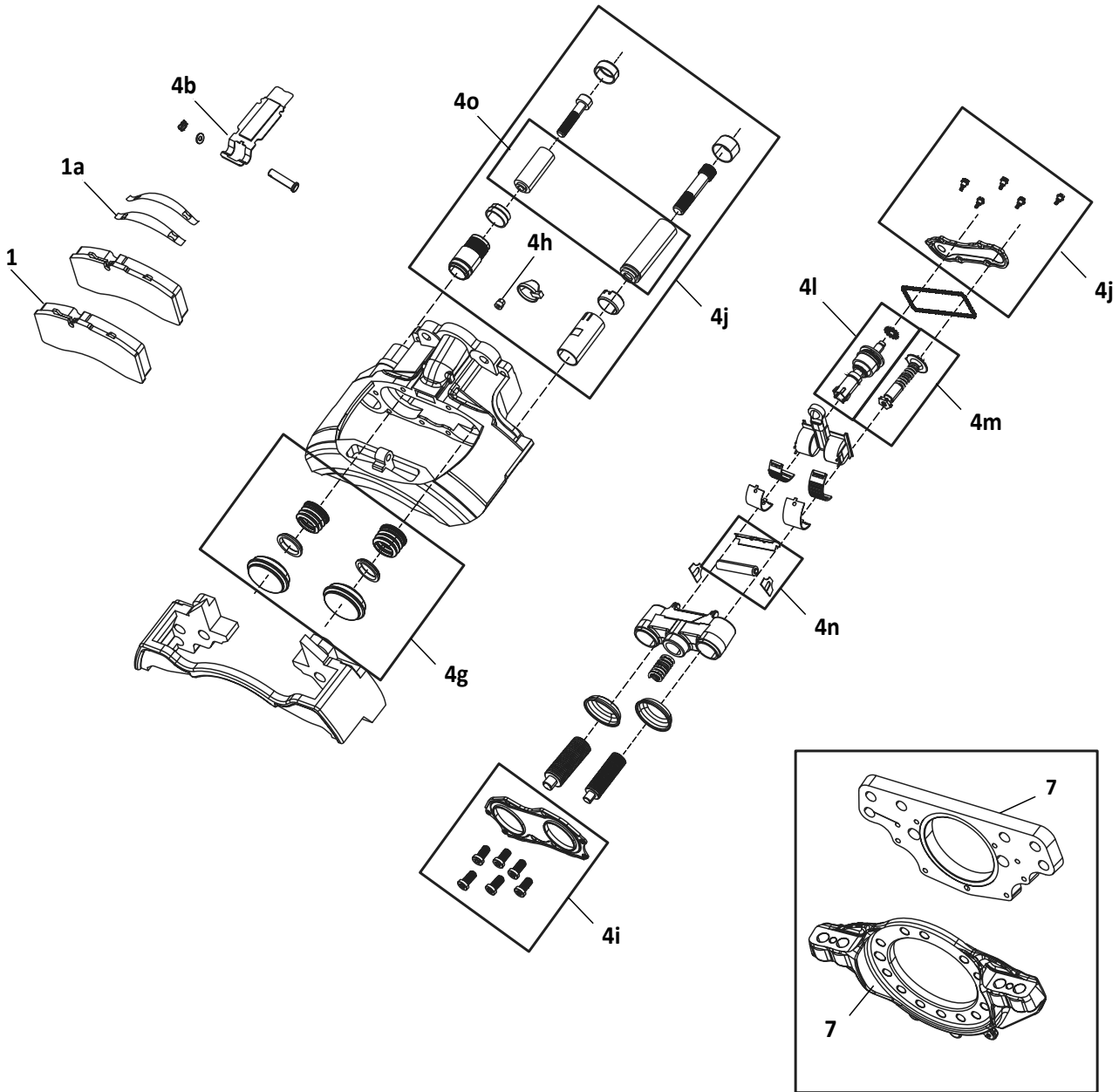


4b



4g

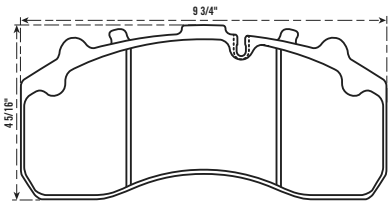






CALIPERS



CALIPERS BENDIX — SN7 / SB7

Air Disc Brake

9 3/4" BENDIX SN7 / SB7

PAD		LEFT AND RIGHT CALIPER	
		 Left Caliper	 Right Caliper
CHAMBER MOUNT		BRIDGE STYLE	PAD CARRIER
 Axial 0°	 Radial 90°	 Pockets	 Axial

CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Axial 0°	Pockets	Axial	4	M20 X 1.5	1 5/8"	MK021992X	MK021991X	KIT225292
Axial 0°	Pockets	Axial	6	M18 X 1.5	4 1/8"	MK100094X	MK100093X	KIT225290
Radial 90°	Pockets	Axial	6	M16 X 1.5	2 11/16"	MK021990X	MK021989X	KIT225291

BENDIX SN7 / SB7 REPAIR PARTS

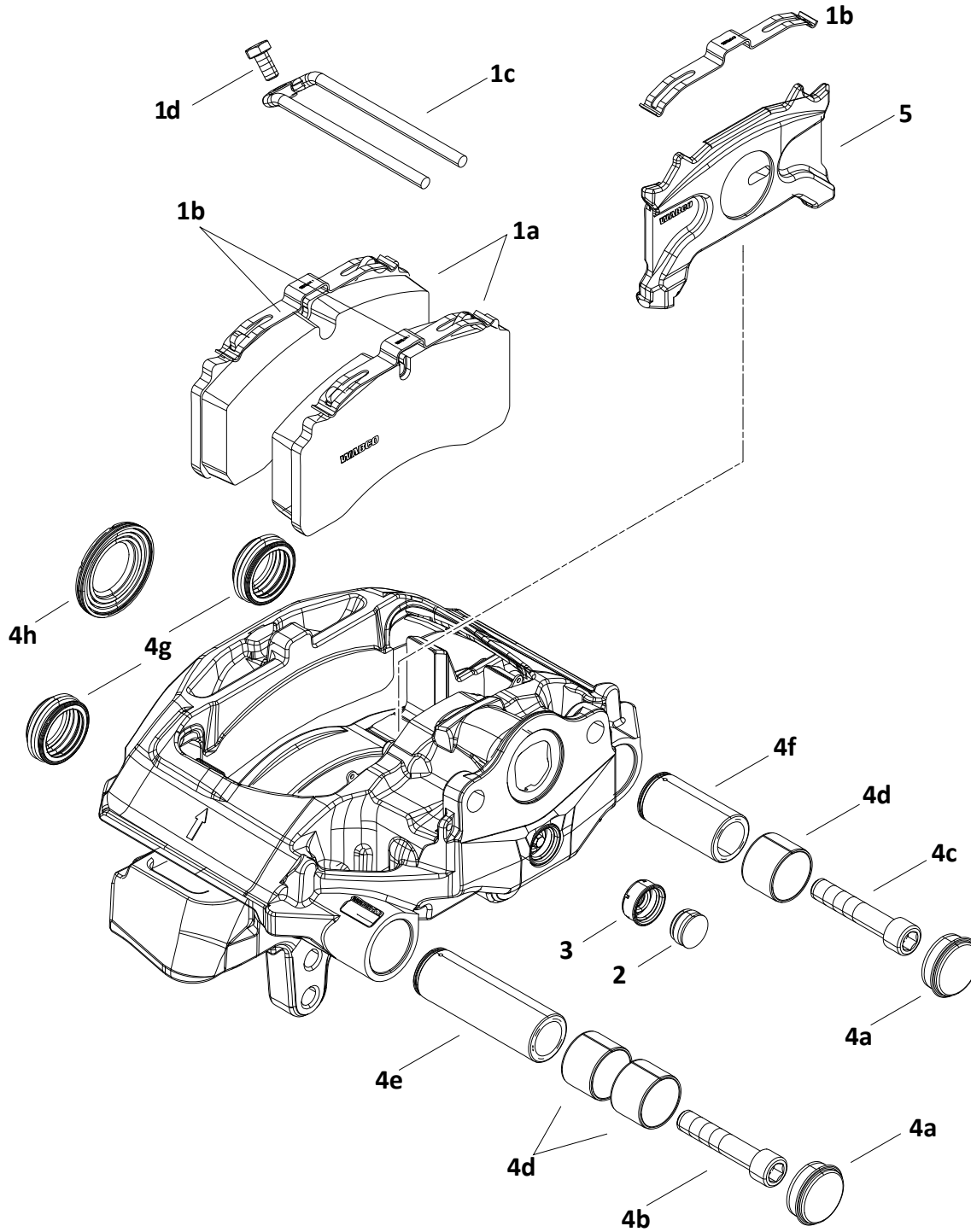
KEY NUMBER	MERITOR PART NUMBER	DESCRIPTION	NOTES
1	MMD1203AF	Pad Kit	Includes Retainer Bar
1	GMD1203H	Mach Brake Pad Kit	
4b	MCKSK.2.5.1	Retainer Bar Kit	Includes Cotter Pin and Shear Nuts
4g	MCKSK.4.2	Tappet Boot Kit	
4j	MCKSK.3.2	Slide Pin Kit	Includes Grease
Not Shown	MCKSK.3.4	Sealing Plugs	Caliper Access Plug
4h	MCKSK.2.8	Shear Nut	10 Per Package
4l	CS.1160	Automatic Adjuster	
4j	MCKSK.22	Adjuster Cover	Includes Mounting Bolts and Cap

MERITOR UPGRADE KITS AVAILABLE FOR BENDIX SN7 / SB7

BENDIX CALIPER NUMBERS	OE NUMBERS	APPLICATION	UPGRADE KIT NUMBER	NOTES
K100093 / K100094, K014997 / K014998, K081879 / K081880	6447269, 6447270, 6447271, 6447272, 6361223, 6361224	New Flyer Xcelsior	KIT225290	
K015013 / K015014	81.50804.6617	Van Hool	KIT225293	

CALIPERS WABCO — MAXX™22T

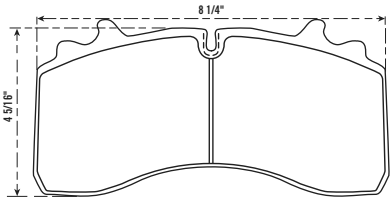





CALIPERS



CALIPERS WABCO — MAXX™22T

Air Disc Brake

8 1/4" WABCO MAXX™22T

PAD	BACK VIEW, SIDE VIEW, TOP VIEW OF CALIPER		
	 Back View	 Side View	 Top View
CHAMBER MOUNT	PAD CARRIER		
 Axial 12°	 Axial		


CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		UPGRADE KIT
						LEFT	RIGHT	
Axial 12°	One-Piece	Axial	6	M18 X 2.5	1 11/16"	640 222 007 ONX	640 222 008 ONX	KIT225299


WABCO MAXX™22T REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	SERVICE PART
1a-d, 2	640 222 927 2	OE Brake Pad Kit
1a-d, 2	MMD1777M22TAF	Meritor Brake Pad Kit
1a-d, 2	GMD1777TH	Mach Brake Pad Kit
2, 4a-h	640 222 928 2	Seals and Guide Bolt
2, 3, 4h	640 175 920 2	Seals for Clamping Unit
5	640 225 926 2	Pressure Plate

LOCATING PART NUMBER AND SERIAL NUMBER — WABCO



Metal Tag
(see below)



Model Casting

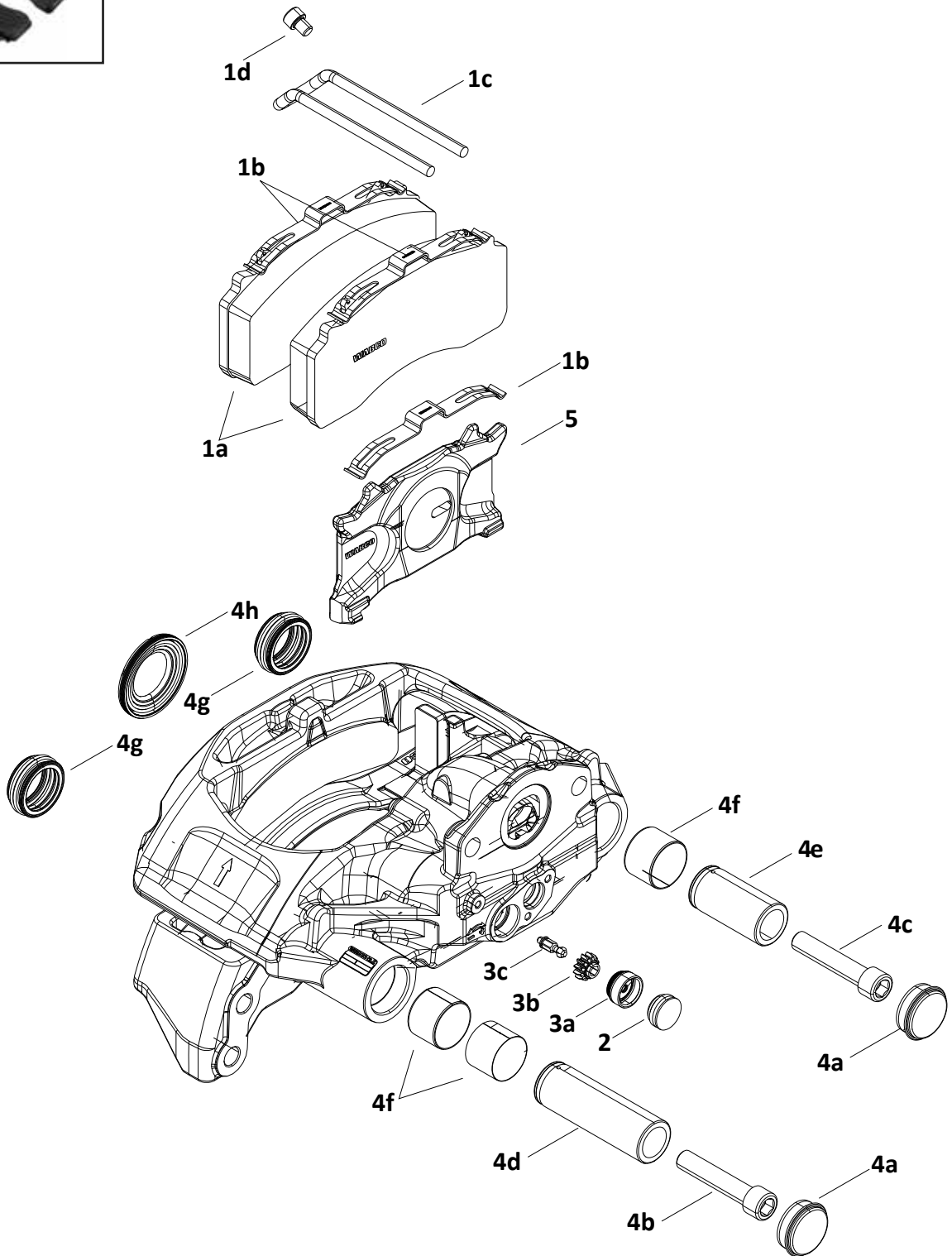
Part Number
(If not this format, call with number.)

Model
 175 – Pan 17
 195 – Pan 19
 222 – Maxx 22T
 225 – Pan 22
 322 – Maxxus

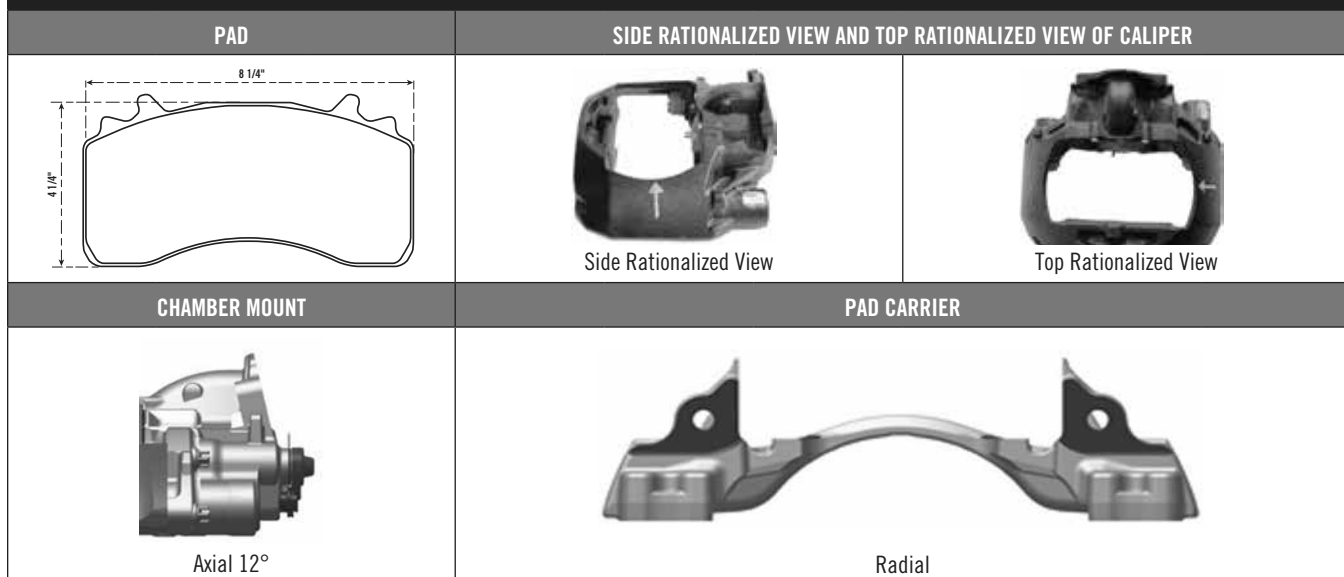
CALIPERS WABCO — MAXXUS™



CALIPERS



8 1/4" WABCO MAXXUS™



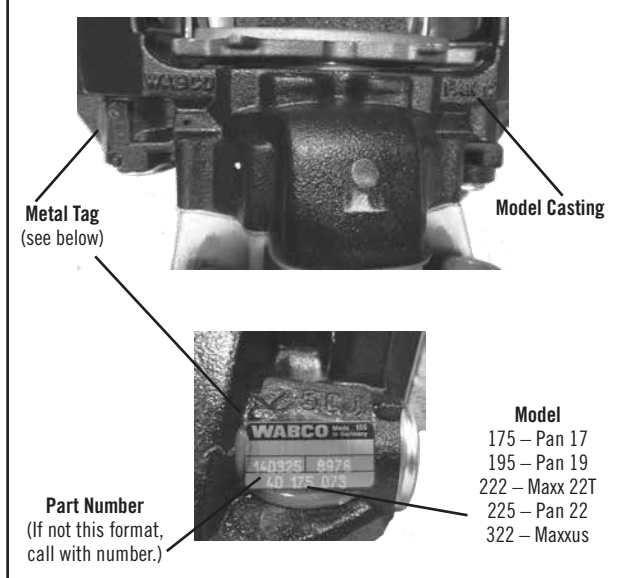
CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		UPGRADE KIT
						LEFT	RIGHT	
Axial 12°	One-Piece	Radial	4	M20 X 1.5	1 3/4"	6403220650NX	6403220660NX	KIT225298
Axial 12°	One-Piece	Radial	6	M20 X 1.5	2 9/16"	6403221040	6403221050	-

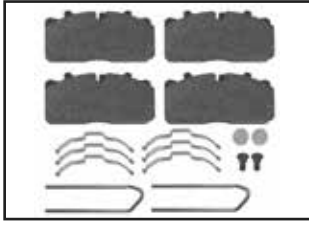
WABCO MAXXUS™ REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	SERVICE PART
1a-d, 2	640 322 934 2	OE Brake Pad Kit
1a-d, 2	MMD2061AF	Meritor Brake Pad Kit
1a-d, 2	GMD2061H	Mach Brake Pad Kit
4g-h	640 322 932 2	Seal Set
2, 3a-c	640 322 927 2	Resetting Unit
5	640 322 935 2	Pressure Plate
2, 4a-h	640 322 938 2	Seals and Guide Bolt

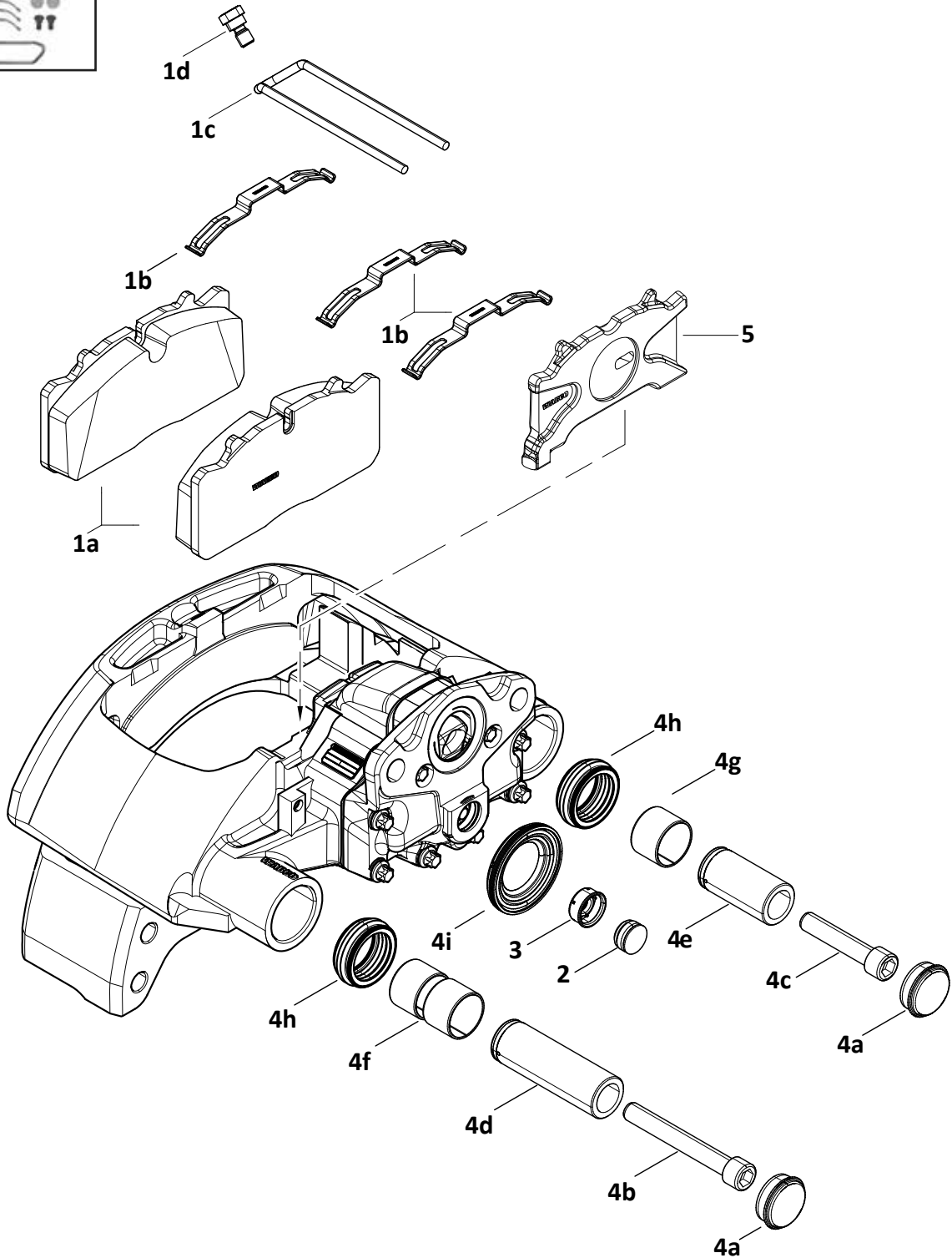
LOCATING PART NUMBER AND SERIAL NUMBER — WABCO



CALIPERS WABCO — PAN™17



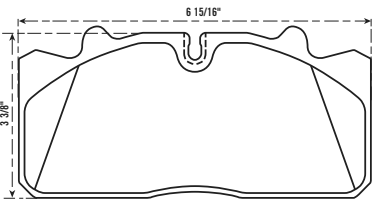





CALIPERS



CALIPERS WABCO — PAN™17

Air Disc Brake

6 15/16" WABCO PAN™17

PAD	BACK VIEW, SIDE VIEW, TOP VIEW OF CALIPER		
	 Back View	 Side View	 Top View
CHAMBER MOUNT	PAD CARRIER		
 Axial 8°	 Axial		


CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Axial 8°	One-Piece	Axial	6	M14 X 1.5	2"	40175072NX	40175073NX	New

WABCO PAN™17 REPAIR PARTS

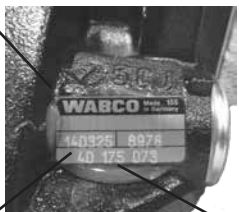
KEY NUMBER	MERITOR PART NUMBER	SERVICE PART
1a-d, 2	12 999 806	OE Brake Pad Kit
1a-d, 2	MMD1518AF	Meritor Brake Pad Kit
1a-d, 2	GMD1518H	Mach Brake Pad Kit
2, 4a-i	12 999 699VT	Seals and Guide Bolt
2, 3, 4i	640 175 920 2	Seals for Clamping Unit
5	640 175 940 2	Pressure Plate

LOCATING PART NUMBER AND SERIAL NUMBER — WABCO



Metal Tag
(see below)

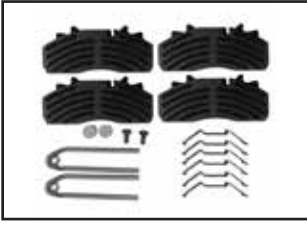
Model Casting



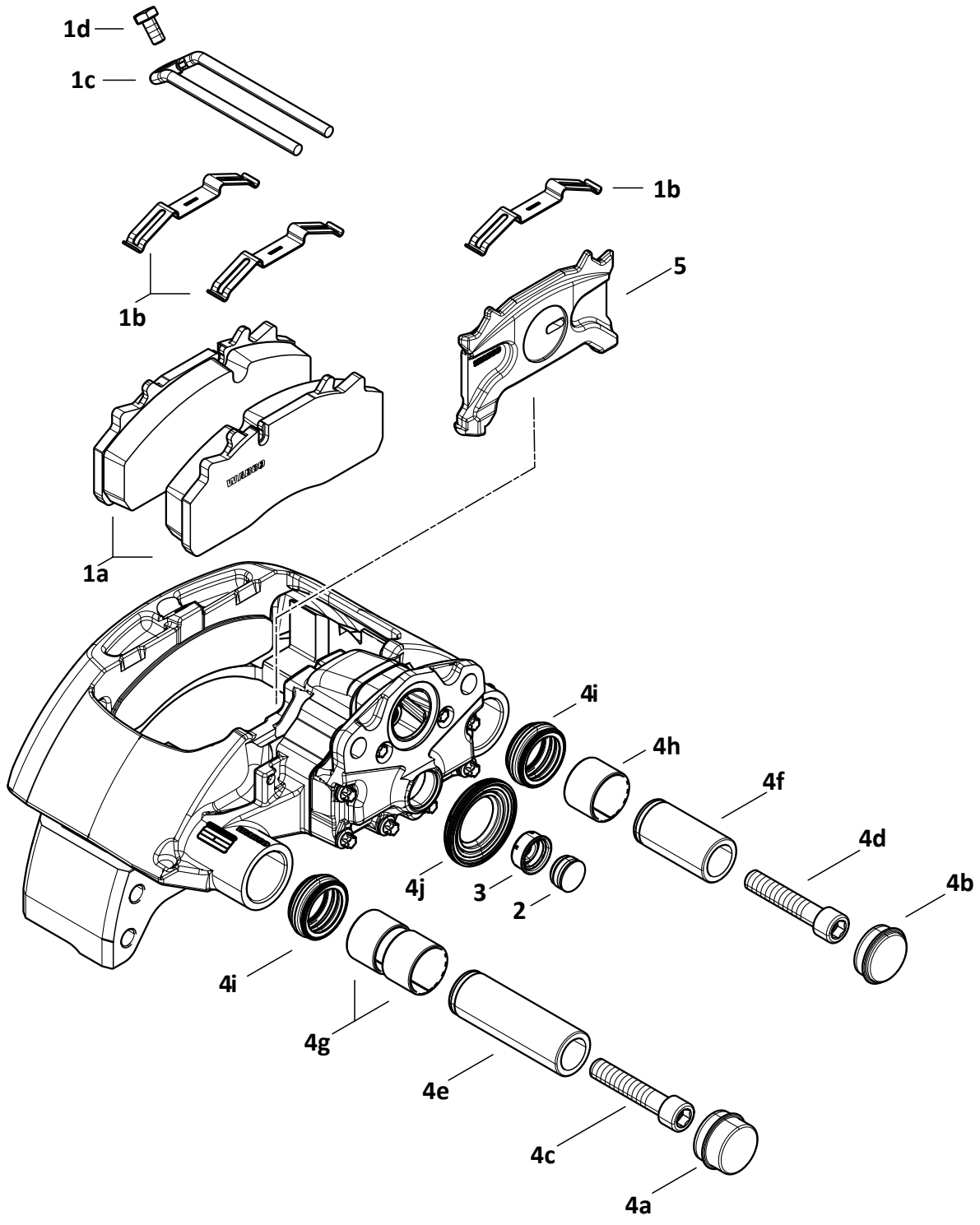
Part Number
(If not this format, call with number.)

Model
175 – Pan 17
195 – Pan 19
222 – Maxx 22T
225 – Pan 22
322 – Maxxus

CALIPERS WABCO — PAN™19



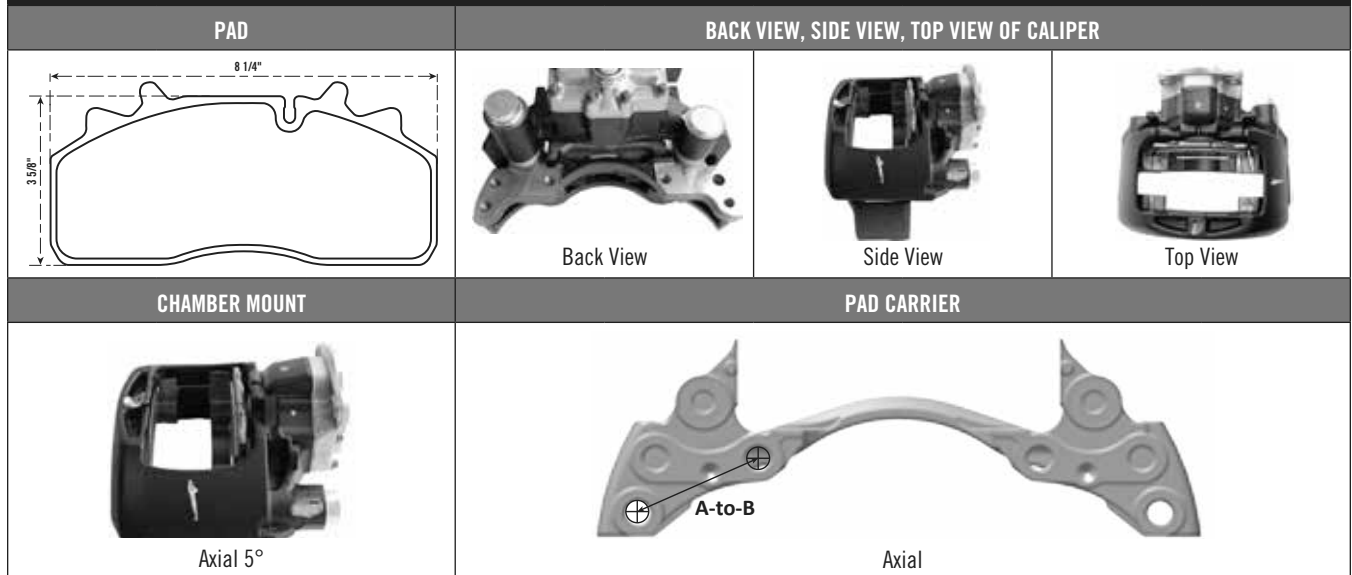
CALIPERS



CALIPERS WABCO — PAN™19

Air Disc Brake

8 1/4" WABCO PAN™19



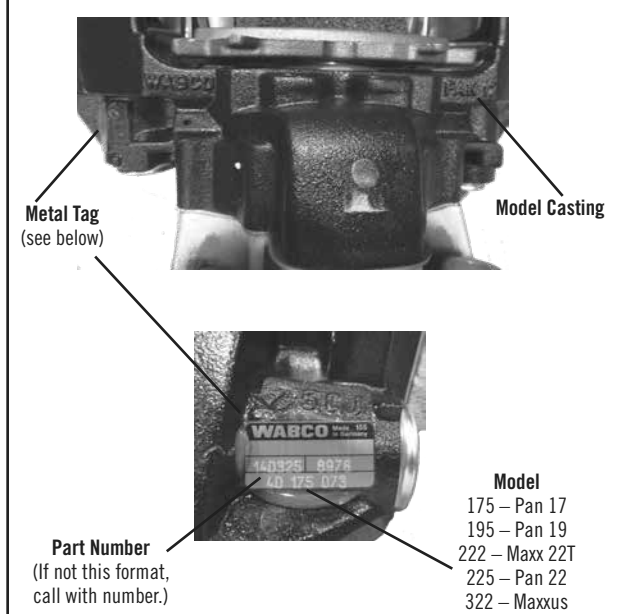
CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		TYPE
						LEFT	RIGHT	
Axial 5°	One-Piece	Axial	6	M16 X 1.5	4 1/16"	40195037NX	40195038NX	New

WABCO PAN™19 REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	SERVICE PART
1a-d, 2	12 999 737VT	OE Brake Pad Kit
1a-d, 2	MMD1438AF	Meritor Brake Pad Kit
1a-d, 2	GMD1438H	Mach Brake Pad Kit
2, 4a-j	640 225 921 2	Seals and Guide Bolt
2, 3, 4j	640 175 920 2	Seals for Clamping Unit
5	640 175 940 2	Pressure Plate

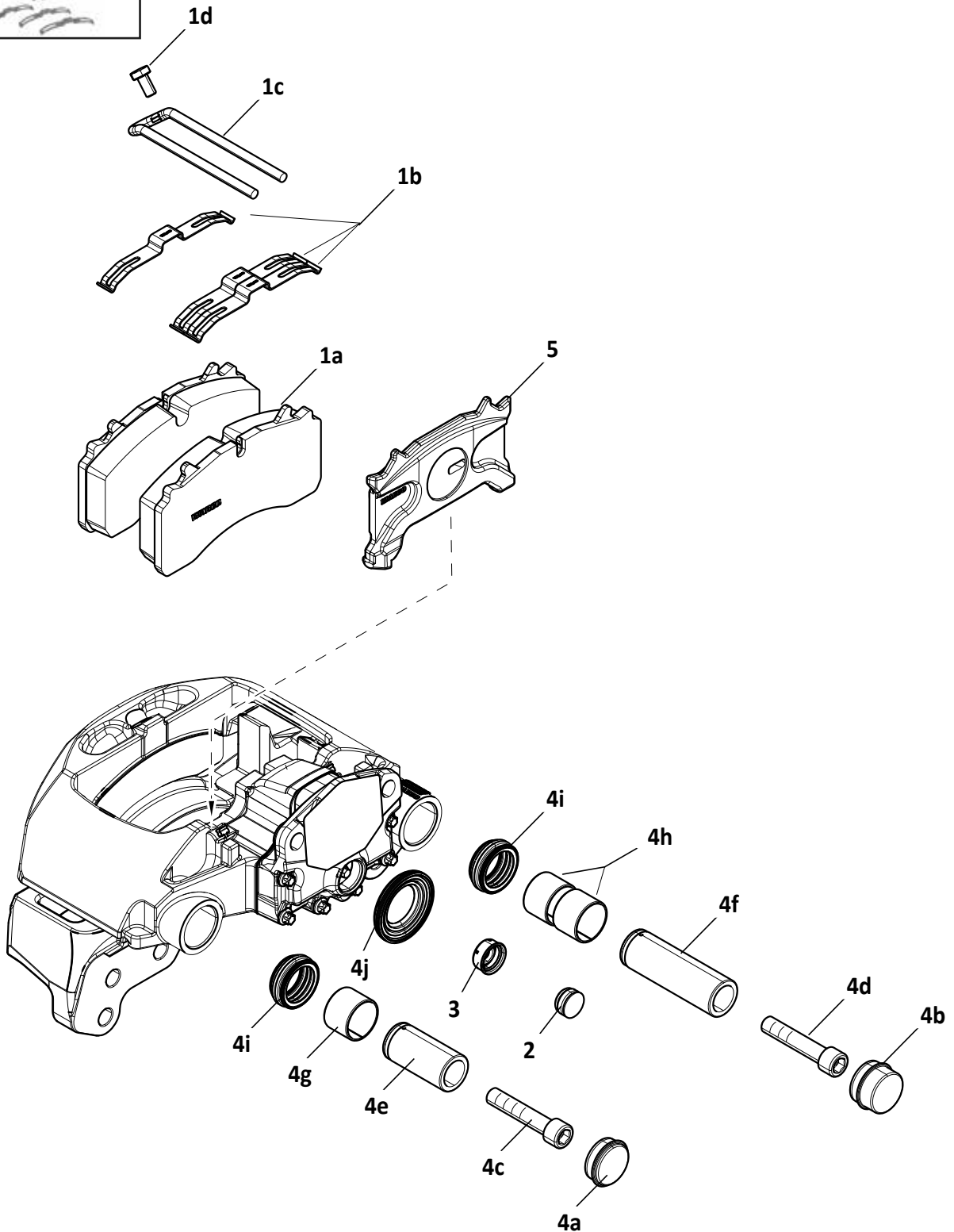
LOCATING PART NUMBER AND SERIAL NUMBER — WABCO



CALIPERS WABCO — PAN™22



CALIPERS



CALIPERS WABCO — PAN™22

Air Disc Brake

8 1/4" WABCO PAN™22







CALIPERS

CHAMBER MOUNT	BRIDGE STYLE	PAD CARRIER	NUMBER OF MOUNTING HOLES	MOUNTING HOLE SIZE	A-B DISTANCE	MERITOR PART NUMBER		UPGRADE KIT
						LEFT	RIGHT	
Axial 2°	One-Piece	Axial	6	M20 X 2.5	3 1/4"	6402250800NX	6402250810NX	KIT225222
Axial 2°	One-Piece	Axial	6	M16 X 1.5	4 1/8"	40225015NX	40225016NX	New

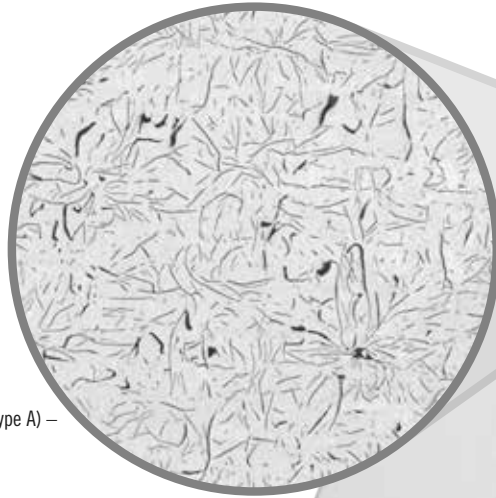
WABCO PAN™22 REPAIR PARTS

KEY NUMBER	MERITOR PART NUMBER	SERVICE PART
1a-d, 2	12 999 796	Ridewell, Reyco, Ingersoll OE Brake Pad Kit
1a-d, 2	640 225 922 2	Hendrickson, Meritor OE Brake Pad Kit
1a-d, 2	MMDWP22AF	Meritor Brake Pad Kit
1a-d, 2	GMD1777H	Mach Brake Pad Kit
2, 4a-j	640 225 921 2	Seals and Guide Bolt
2, 3, 4j	640 175 920 2	Seals for Clamping Unit
5	640 225 926 2	Pressure Plate
Not Shown	MS220055-Z1	M20 X 2.5 X 55 mm Caliper Bolt for Meritor/Hendrickson
Not Shown	MS220060-P1	M20 X 2.5 X 60 mm Caliper Bolt for Meritor/Hendrickson
Not Shown	MWA520P	M20 Washer, 20 Piece Unit Pack

AIR DISC BRAKE TOOLS — WABCO

WABCO					
	COMPRESSED PART	PART STATUS	PART DESCRIPTION	MARKET CODE	MARKET CODE DESCRIPTION
	6401755212	A	Tool-Pan Brake	GS	Air Disc Brake/Tools
	6401955212	A	Tools-Pan Brake	GS	Air Disc Brake/Tools
	6401955222	A	Tool-Pan Brake	GS	Air Disc Brake/Tools
	6403225222	A	Tool-MAXX 22	GS	Air Disc Brake/Tools

MERITOR CAST ROTORS



Meritor Graphite Formulation (Type A) – long graphite flakes



We start with the right stuff. And stop with it, too.

Meritor rotors are designed for enhanced thermal properties to **extend life** and **improve fade resistance**. Lower temperatures during braking allow for **longer friction life** and **improved rotor durability**.

How do we do it?

Meritor rotors are engineered with high quality cast iron. The formulation and process produces long graphite flakes that efficiently conduct heat. Better thermal dissipation provides lower peak temperatures and therefore longer friction life.

Meritor Cooling Vanes – Meritor all makes rotors use the same cooling vane design as our Genuine first fit rotors. These vanes promote air flow through the rotor and reduce the overall weight.

TABLE OF CONTENTS ROTORS

	PAGE
U-SHAPED ROTOR - - - - -	-56
HAT-SHAPED ROTOR - - - - -	-60
FLAT ROTOR - - - - -	-62
ROTOR INSPECTION TIPS - - - - -	-64



U-Shaped
pages 56-59



Hat-Shaped
pages 60-61



Flat
pages 62-63

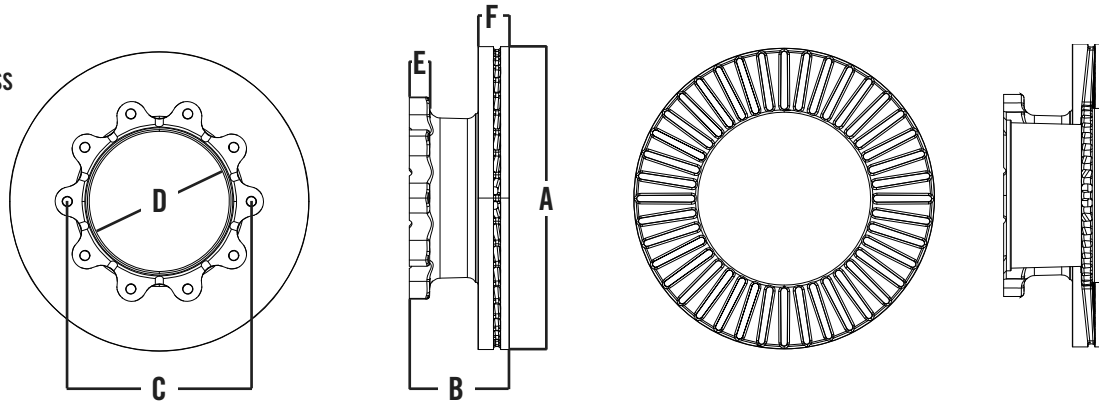
Three easy steps to identify your rotor.

1. Count the number of bolt-holes.
2. Measure the outer diameter.
3. Measure the depth. Note that the depth measurement is for a new rotor. A worn rotor may be 1/8" shorter due to wear.

The tables in the following pages are sorted by Bolt Hole Number, then by Outside Diameter followed by Rotor Depth.

U-SHAPED ROTOR (INCHES)

- A - OUTSIDE DIAMETER
- B - OVERALL ROTOR DEPTH
- C - BOLT CIRCLE DIAMETER
- D - PILOT DIAMETER
- E - FLANGE THICKNESS
- F - NEW DISC THICKNESS



THE TABLE BELOW IS SORTED BY NUMBER OF MOUNTING HOLES, THEN BY OUTSIDE DIAMETER (A) THEN BY ROTOR DEPTH (B).

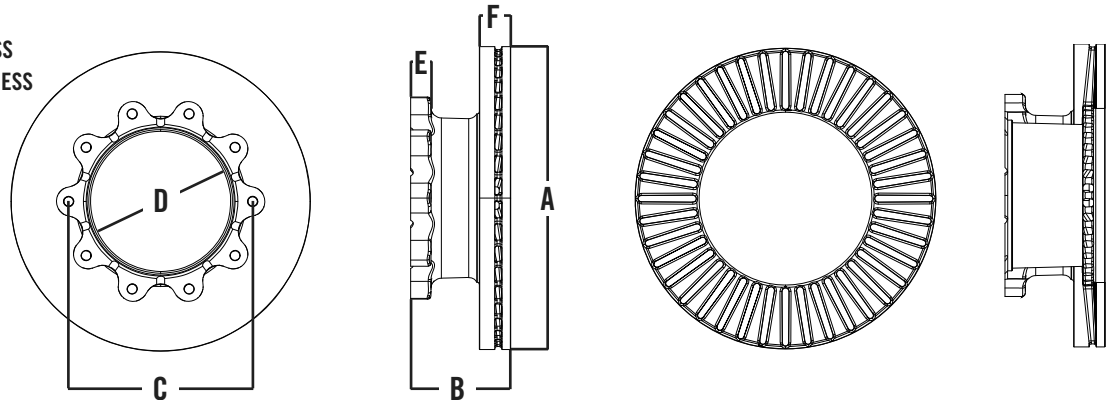
PART NUMBER	OUTSIDE DIAMETER (A)	ROTOR DEPTH (B)	MOUNTING HOLES			PILOT DIAMETER (D)	FLANGE THICKNESS (E)	DISC THICKNESS	
			NUMBER	SIZE	BOLT CIRCLE DIAMETER (C)			NEW (F)	DISCARD
	(INCHES)	(INCHES)			(INCHES)	(INCHES)	(INCHES)		
3218H138	15 1/4	5 5/16	6	3/4	6 5/8	10 1/2	9/16	1 3/4	1 5/8
M44D75180	12 13/16	5 7/8	8	M14 X 2.0	7 11/16	6 13/16	1/2	1 5/16	1 1/8
23123632002	14 7/8	6 5/16	8	5/8"-18	10 1/2	8 1/2	1 1/8	1 3/4	1 5/8
3218K1415	14 7/8	6 3/8	8	1 1/16	6 5/8	8 1/2	9/16	2 1/16	1 15/16
3218P1186	15 1/4	5 3/8	8	13/16	10 13/16	0	9/16	1 3/4	1 5/8
23123725002	17 1/16	5 5/8	8	5/8"-18	9 13/16	8 1/2	1 1/8	1 3/4	1 7/16
M44D71601	14 13/16	6 7/16	10	M16 X 2.0	9 13/16	8 11/16	1 1/8	1 3/4	1 9/16
3218N1366	14 7/8	6 1/8	10	1 1/4	11 1/4	11 1/4	5/8	1 3/4	1 7/16
3218A1145	15 1/4	6 1/4	10	1 5/16	11 1/4	9 1/8	9/16	1 3/4	1 5/8
3218S1007	15 1/4	5 3/8	10	13/16	11 1/4	0	9/16	1 3/4	1 5/8
3218A131	15 1/4	5 3/8	10	13/16	11 1/4	9 7/16	9/16	1 3/4	1 5/8
3218U1009	15 1/4	5 13/16	10	3/4	11 1/4	9 5/16	9/16	1 3/4	1 5/8
3218Z156	15 1/4	5 13/16	10	13/16	11 1/4	9 7/16	9/16	1 3/4	1 5/8
3218Y1065	15 1/4	6 1/8	10	13/16	11 1/4	9 5/16	9/16	1 3/4	1 5/8
3218K167	15 1/4	6 1/8	10	13/16	11 1/4	8 3/4	9/16	1 3/4	1 5/8
3218J1076	15 1/4	6 1/8	10	13/16	11 1/4	8 3/4	9/16	1 3/4	1 5/8
3218T1008	15 1/4	6 1/4	10	13/16	11 1/4	9 5/16	9/16	1 3/4	1 5/8
23123615002	16 9/16	6 5/16	10	5/8"-18	10 1/2	8 1/2	1 5/16	1 3/4	1 5/8
M44D76611	16 15/16	5 3/16	10	M16 X 1.5	9 1/4	7 7/8	13/16	1 3/4	1 7/16
M44DK021958	16 15/16	5 3/16	10	M16 X 1.5	9 1/4	8	7/8	1 3/4	1 7/16
M44D37415	16 15/16	5 1/4	10	M16 X 1.5	8 11/16	7 5/8	1 1/4	1 3/4	1 7/16
M44D802081	16 15/16	5 7/16	10	5/8"-11	9 13/16	8 11/16	15/16	1 3/4	1 7/16
M44D802082	16 15/16	5 7/8	10	5/8"-11	9 13/16	8 11/16	15/16	1 3/4	1 7/16

Note: the depth of a worn rotor can be up to 3/16" shorter than a new rotor

ROTORS

U-SHAPED ROTOR (MILLIMETERS)

- A - OUTSIDE DIAMETER
- B - OVERALL ROTOR DEPTH
- C - BOLT CIRCLE DIAMETER
- D - PILOT DIAMETER
- E - FLANGE THICKNESS
- F - NEW DISC THICKNESS



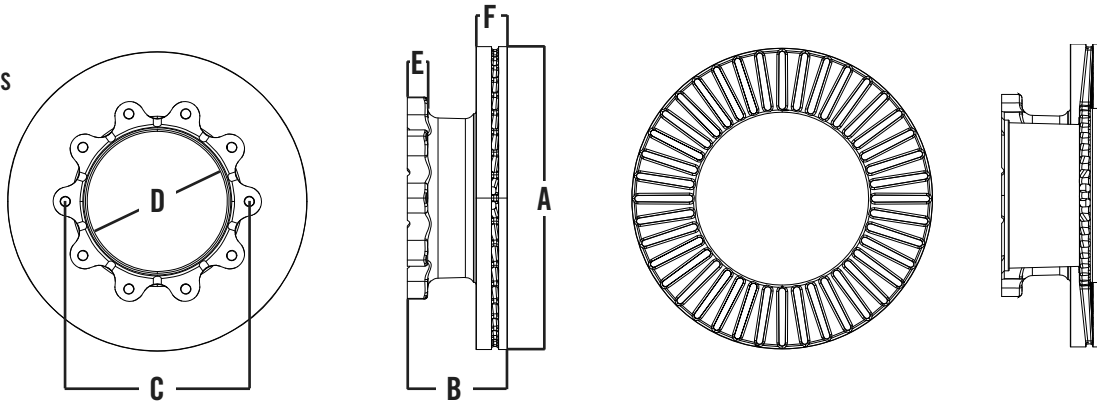
THE TABLE BELOW IS SORTED BY NUMBER OF MOUNTING HOLES, THEN BY OUTSIDE DIAMETER (A) THEN BY ROTOR DEPTH (B).

PART NUMBER	OUTSIDE DIAMETER (A)	ROTOR DEPTH (B)	MOUNTING HOLES			PILOT DIAMETER (D)	FLANGE THICKNESS (E)	DISC THICKNESS	
			NUMBER	SIZE	BOLT CIRCLE DIAMETER (C)			NEW (F)	DISCARD
	(MM)	(MM)			(MM)	(MM)	(MM)		
3218H138	388	135	6	20	168	267	15	45	41
M44D75180	325	149	8	M14 X 2.0	196	173	13	34	28
23123632002	378	160	8	5/8"-18	267	216	28	45	41
3218K1415	378	162	8	27	168	216	15	53	49
3218P1186	388	137	8	21	275		15	45	41
23123725002	434	143	8	5/8"-18	250	216	29	45	37
M44D71601	377	164	10	M16 X 2.0	250	220	29	45	39
3218N1366	378	156	10	32	286	286	16	45	37
3218A1145	387	158	10	33	286	232	15	45	41
3218S1007	388	137	10	21	286		15	45	41
3218A131	388	137	10	21	286	240	15	45	41
3218U1009	388	147	10	20	286	236	15	45	41
3218Z156	388	147	10	21	286	240	15	45	41
3218Y1065	388	156	10	21	286	237	15	45	41
3218K167	388	156	10	21	286	222	15	45	41
3218J1076	388	156	10	21	286	222	15	45	41
3218T1008	388	158	10	21	286	236	15	45	41
23123615002	420	160	10	5/8"-18	267	216	34	45	41
M44D76611	430	131	10	M16 X 1.5	235	200	20	45	37
M44DK021958	430	131	10	M16 X 1.5	235	203	22	45	37
M44D37415	430	134	10	M16 X 1.5	221	194	31	45	37
M44D802081	430	138	10	5/8"-11	250	220	24	45	37
M44D802082	430	150	10	5/8"-11	250	220	24	45	37

Note: the depth of a worn rotor can be up to 4 mm shorter than a new rotor

U-SHAPED ROTOR (INCHES)

- A - OUTSIDE DIAMETER
- B - OVERALL ROTOR DEPTH
- C - BOLT CIRCLE DIAMETER
- D - PILOT DIAMETER
- E - FLANGE THICKNESS
- F - NEW DISC THICKNESS



THE TABLE BELOW IS SORTED BY NUMBER OF MOUNTING HOLES, THEN BY OUTSIDE DIAMETER (A) THEN BY ROTOR DEPTH (B).

PART NUMBER	OUTSIDE DIAMETER (A)	ROTOR DEPTH (B)	MOUNTING HOLES			PILOT DIAMETER (D)	FLANGE THICKNESS (E)	DISC THICKNESS	
			NUMBER	SIZE	BOLT CIRCLE DIAMETER (C)			NEW (F)	DISCARD
	(INCHES)	(INCHES)			(INCHES)	(INCHES)	(INCHES)		
M44DHS34172006*	16 15/16	5 7/8	10	M16 X 2.0	9 13/16	8 11/16	1	1 3/4	1 7/16
M44D76613**	16 15/16	5 7/8	10	M16 X 2.0	9 13/16	8 11/16	7/8	1 3/4	1 9/16
M44DH20682	16 15/16	6 5/16	10	M16 X 1.5	11 1/4	8 1/8	1	1 3/4	1 9/16
M44DHK021959	16 15/16	7 1/16	10	5/8"-18	9 13/16	7 5/8	15/16	1 3/4	1 7/16
MBR5068	17	5 5/16	10	M16 X 1.5	9 1/4	8 3/16	1 3/16	1 3/4	1 7/16
23123642015	17 1/16	5 3/16	10	5/8"-18	10 1/2	8 1/2	1 1/8	1 3/4	1 7/16
MBR9016	17 1/16	5 5/16	10	M16 X 1.5	8 11/16	7 5/8	1 1/8	1 3/4	1 5/8
23123647002	17 1/16	5 5/8	10	M16 X 2.0	9 13/16	7 5/8	1 1/8	1 3/4	1 7/16
M44D56642	17 1/16	5 5/8	10	5/8"-18	10 1/2	8 1/2	1 1/8	1 3/4	1 5/8
M44D76601A	17 1/16	5 11/16	10	5/8"-18	9 13/16	7 5/8	7/8	1 3/4	1 5/8
3218Z1404	17 1/4	5 9/16	10	5/8"-18	9 13/16	7 5/8	1 1/8	1 3/4	1 5/8

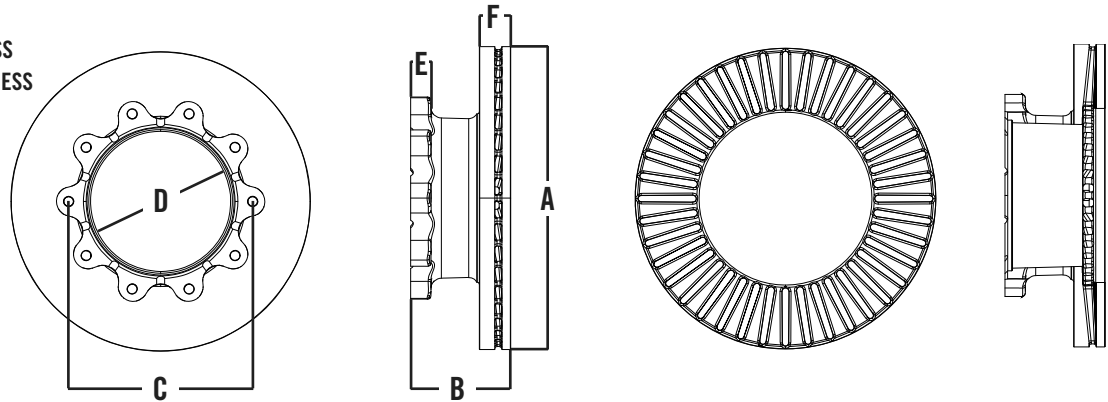
Note: the depth of a worn rotor can be up to 3/16" shorter than a new rotor

* Includes ABS ring that is flush with outside surface

** Includes ABS ring that is countersunk into rotor by 1 1/16"

U-SHAPED ROTOR (MILLIMETERS)

- A - OUTSIDE DIAMETER
- B - OVERALL ROTOR DEPTH
- C - BOLT CIRCLE DIAMETER
- D - PILOT DIAMETER
- E - FLANGE THICKNESS
- F - NEW DISC THICKNESS



THE TABLE BELOW IS SORTED BY NUMBER OF MOUNTING HOLES, THEN BY OUTSIDE DIAMETER (A) THEN BY ROTOR DEPTH (B).

PART NUMBER	OUTSIDE DIAMETER (A)	ROTOR DEPTH (B)	MOUNTING HOLES			PILOT DIAMETER (D)	FLANGE THICKNESS (E)	DISC THICKNESS	
			NUMBER	SIZE	BOLT CIRCLE DIAMETER (C)			NEW (F)	DISCARD
	(MM)	(MM)			(MM)	(MM)	(MM)		
M44DHS34172006*	430	150	10	M16 X 2.0	250	220	26	45	37
M44D76613**	430	150	10	M16 X 2.0	250	220	23	45	39
M44DH20682	430	160	10	M16 X 1.5	286	207	26	45	39
M44DHK021959	430	180	10	5/8"-18	250	194	24	45	37
MBR5068	432	135	10	M16 X 1.5	235	208	30	45	37
23123642015	434	131	10	5/8"-18	267	216	29	45	37
MBR9016	434	135	10	M16 X 1.5	220	194	28	45	41
23123647002	434	143	10	M16 X 2.0	250	194	29	45	37
M44D56642	434	143	10	5/8"-18	267	216	29	45	41
M44D76601A	434	144	10	5/8"-18	250	194	23	45	41
3218Z1404	438	142	10	5/8"-18	250	194	29	45	41

Note: the depth of a worn rotor can be up to 4 mm shorter than a new rotor *

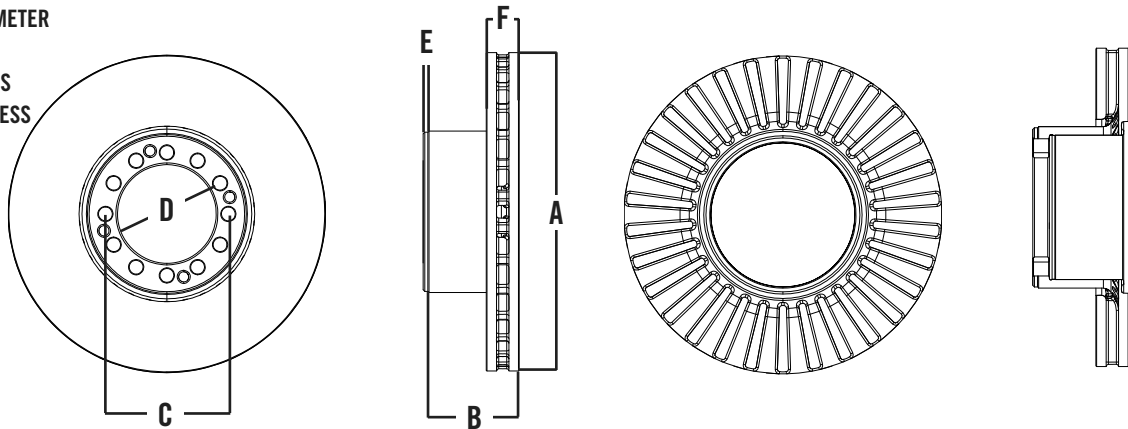
* Includes ABS ring that is flush with outside surface

** Includes ABS ring that is countersunk into rotor by 27 mm

ROTORS

HAT-SHAPED ROTOR (INCHES)

- A - OUTSIDE DIAMETER
- B - OVERALL ROTOR DEPTH
- C - BOLT CIRCLE DIAMETER
- D - PILOT DIAMETER
- E - FLANGE THICKNESS
- F - NEW DISC THICKNESS



THE TABLE BELOW IS SORTED BY NUMBER OF MOUNTING HOLES, THEN BY OUTSIDE DIAMETER (A) THEN BY ROTOR DEPTH (B).

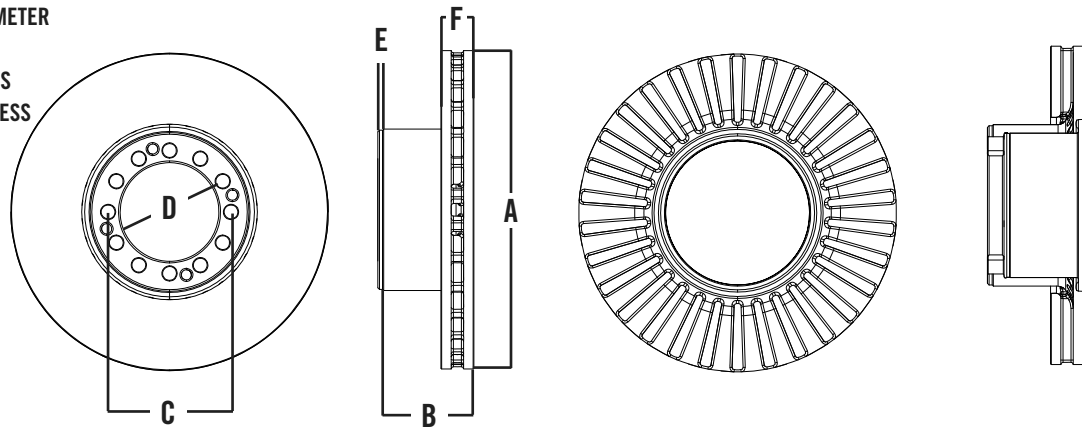
PART NUMBER	OUTSIDE DIAMETER (A)	ROTOR DEPTH (B)	MOUNTING HOLES			PILOT DIAMETER (D)	FLANGE THICKNESS (E)	DISC THICKNESS	
			NUMBER	SIZE	BOLT CIRCLE DIAMETER (C)			NEW (F)	DISCARD
	(INCHES)	(INCHES)				(INCHES)	(INCHES)	(INCHES)	
3218B1484	14 3/4	5 1/8	10	9/16	5 11/16	6 5/8	9/16	1 3/4	1 7/16
23123641002	14 15/16	4 7/8	10	1/2	6 7/16	5 1/2	1/2	1 9/16	1 7/16
3218P1472	16 9/16	5 3/16	12	3/4	6 5/8	5 5/16	5/8	1 3/4	1 5/8
MBR5057	17	5 1/8	12	3/4	6 5/8	5 3/16	5/8	1 3/4	1 7/16
68326014	17 1/16	5 3/16	12 & 4	3/4 & M16 X 2.0	6 5/8	5 5/16	7/8	1 3/4	1 7/16
M44D56641	17 1/16	5 3/16	12 & 4	3/4 & M16 X 2.0	6 5/8	5 3/16	7/8	1 3/4	1 7/16
M44DK034497	16 15/16	4 1/8	14 & 2	9/16	6 1/2	5 5/16	5/8	1 3/4	1 7/16
M44D802669	16 15/16	4 1/2	14 & 2	9/16	6 1/2	5 5/16	5/8	1 3/4	1 7/16

Note: the depth of a worn rotor can be up to 3/16" shorter than a new rotor

ROTORS

HAT-SHAPED ROTOR (MILLIMETERS)

- A - OUTSIDE DIAMETER
- B - OVERALL ROTOR DEPTH
- C - BOLT CIRCLE DIAMETER
- D - PILOT DIAMETER
- E - FLANGE THICKNESS
- F - NEW DISC THICKNESS



THE TABLE BELOW IS SORTED BY NUMBER OF MOUNTING HOLES, THEN BY OUTSIDE DIAMETER (A) THEN BY ROTOR DEPTH (B).

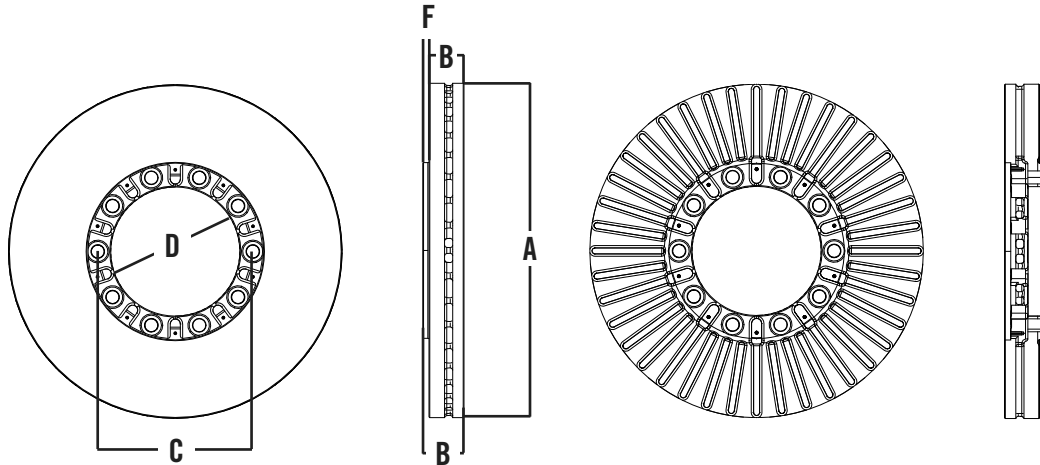
PART NUMBER	OUTSIDE DIAMETER (A)	ROTOR DEPTH (B)	MOUNTING HOLES			PILOT DIAMETER (D)	FLANGE THICKNESS (E)	DISC THICKNESS	
			NUMBER	SIZE	BOLT CIRCLE DIAMETER (C)			NEW (F)	DISCARD
	(MM)	(MM)			(MM)	(MM)	(MM)		
3218B1484	375	130	10	15	144	168	14	45	37
23123641002	380	124	10	13	163	139	12	39	37
3218P1472	420	131	12	19	168	135	16	45	41
MBR5057	432	130	12	19	168	131	16	45	37
68326014	434	131	12 & 4	19 & M16 X 2.0	168	135	23	45	37
M44D56641	434	132	12 & 4	19 & M16 X 2.0	168	132	23	45	37
M44DK034497	430	105	14 & 2	15	165	135	16	45	37
M44D802669	430	115	14 & 2	15	165	135	16	45	37

Note: the depth of a worn rotor can be up to 4 mm shorter than a new rotor

ROTORS

FLAT ROTOR (INCHES)

- A - OUTSIDE DIAMETER
- B - OVERALL ROTOR DEPTH
- C - BOLT CIRCLE DIAMETER
- D - PILOT DIAMETER
- E - FLANGE THICKNESS
- F - NEW DISC THICKNESS



THE TABLE BELOW IS SORTED BY NUMBER OF MOUNTING HOLES, THEN BY OUTSIDE DIAMETER (A) THEN BY ROTOR DEPTH (B).

PART NUMBER	OUTSIDE DIAMETER (A)	ROTOR DEPTH (B)	MOUNTING HOLES			PILOT DIAMETER (D)	FLANGE THICKNESS (E)	DISC THICKNESS	
			NUMBER	SIZE	BOLT CIRCLE DIAMETER (C)			NEW (F)	DISCARD
	(INCHES)	(INCHES)				(INCHES)	(INCHES)		
3218-J-1414	14 7/8	1 5/16	8	M10 X 1.5	7 1/4	6 1/2	7/8	1	7/8
M44DH18609*	16 15/16	2 1/16	10	5/8"-18	7 7/8	6 9/16	0	1 3/4	1 7/16
M44DH83923**	16 15/16	2 1/16	10	5/8"-18	7 7/8	6 9/16	0	1 3/4	1 7/16
M44DH83924***	16 15/16	2 1/16	10	5/8"-18	7 7/8	6 9/16	0	1 3/4	1 7/16
23-123829-002	16 1/8	1 3/4	16	5/8	8 3/4	7 9/16	7/8	1 3/4	1 7/16
M44DH802569	16 15/16	1 3/4	Splined	Spline	9 13/16	10 3/16	0	1 3/4	1 7/16

Note: the depth of a worn rotor can be up to 3/16" shorter than a new rotor

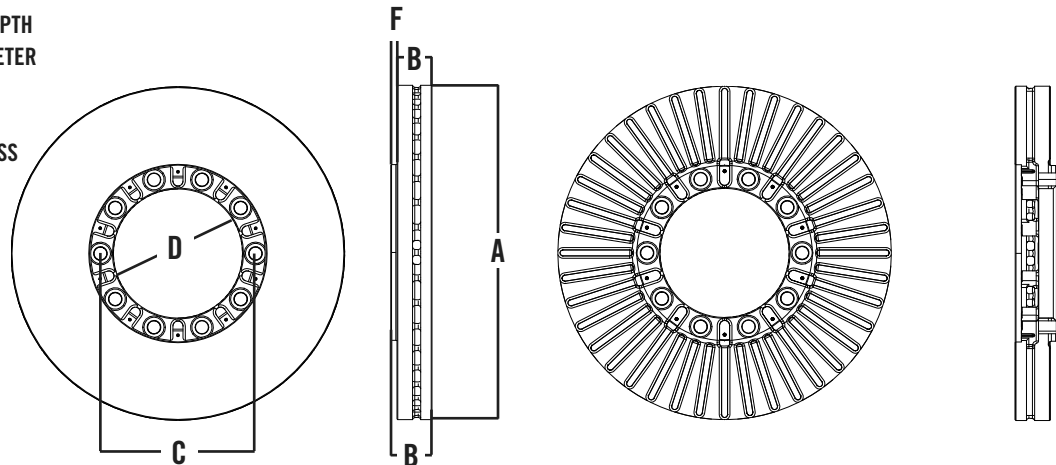
* Trailer rotor comes with bolt-on ABS ring

** Truck rotor comes with ABS ring that presses onto the hub

*** Truck rotor that comes with bolt-on ABS ring

FLAT ROTOR (MILLIMETERS)

- A - OUTSIDE DIAMETER
- B - OVERALL ROTOR DEPTH
- C - BOLT CIRCLE DIAMETER
- D - PILOT DIAMETER
- E - FLANGE THICKNESS
- F - NEW DISC THICKNESS



THE TABLE BELOW IS SORTED BY NUMBER OF MOUNTING HOLES, THEN BY OUTSIDE DIAMETER (A) THEN BY ROTOR DEPTH (B).

PART NUMBER	OUTSIDE DIAMETER (A)	ROTOR DEPTH (B)	MOUNTING HOLES			PILOT DIAMETER (D)	FLANGE THICKNESS (E)	DISC THICKNESS	
			NUMBER	SIZE	BOLT CIRCLE DIAMETER (C)			NEW (F)	DISCARD
	(MM)	(MM)			(MM)	(MM)	(MM)		
3218-J-1414	378	33	8	M10 X 1.5	184	165	22	25	23
M44DH18609*	430	53	10	5/8"-18	200	167	0	45	37
M44DH83923**	430	53	10	5/8"-18	200	167	0	45	37
M44DH83924***	430	53	10	5/8"-18	200	167	0	45	37
23-123829-002	410	45	16	15	222	192	22	45	37
M44DH802569	430	45	Splined	Spline	250	258	0	45	37

Note: the depth of a worn rotor can be up to 4 mm shorter than a new rotor

* Trailer rotor comes with bolt-on ABS ring

** Truck rotor comes with ABS ring that presses onto the hub

*** Truck rotor that comes with bolt-on ABS ring

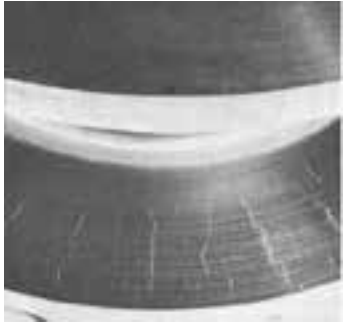
ROTORS

ROTORS

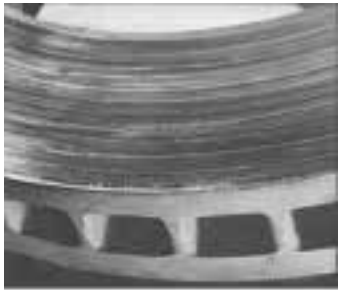
ROTOR INSPECTION TIPS



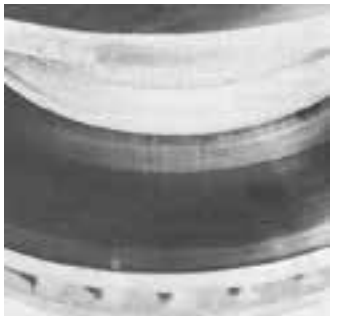
If you have a crack that goes through the edge of the rotor, it needs to be replaced.



Heat checking are short thin interruptions on the braking surface, and are a result of normal operation. Replace the rotor only if these cracks span more than 75% of the braking surface.



Deep Grooves – if the depth of the grooves is less than 0.02", you can continue using the rotor. If they are deeper than that you can choose to resurface the rotor, as long as you have 0.08" of useable rotor material after you are done. For example if the minimum thickness of the rotor is 1.46" (37 mm), resurface as long as you have 1.54" afterwards.



Blue marks or bands – these indicate that the rotor was very hot. Determine the cause and correct the conditions. Refer to MM-0467 in the troubleshooting section.

Minimum thickness

Replace the rotor before it is thinner than the stated minimum thickness. If you are within 0.08" of the minimum thickness (1.54" for a rotor that has a min. thickness of 1.46" or 37 mm), consider whether you will be checking the brakes again before you reach the minimum thickness.

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MERITOR[®]
RUN WITH THE BULL

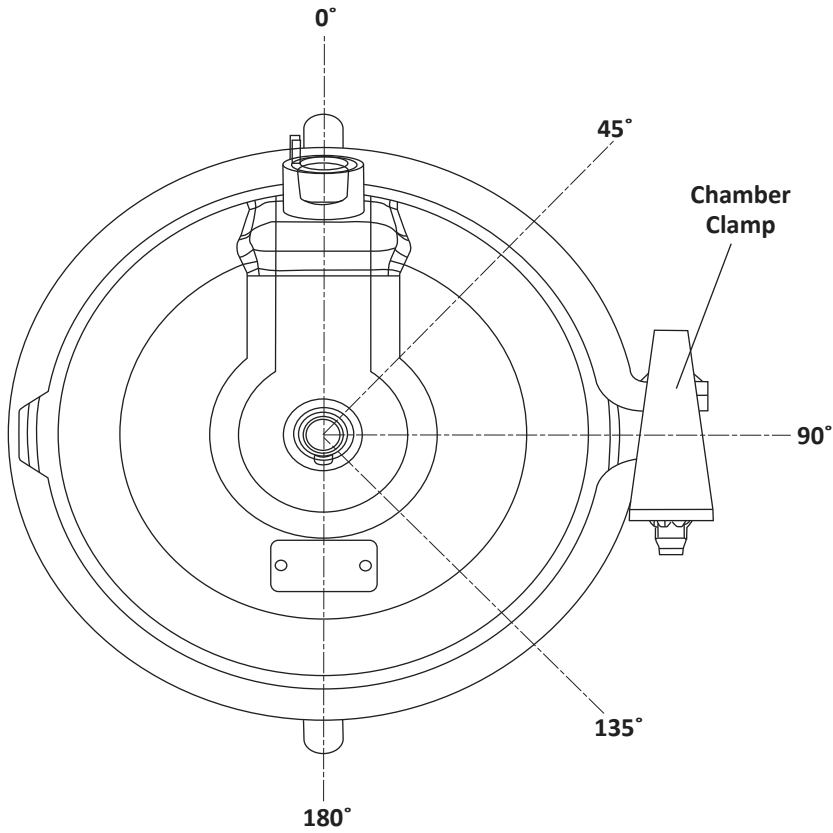
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Air Disc Brake

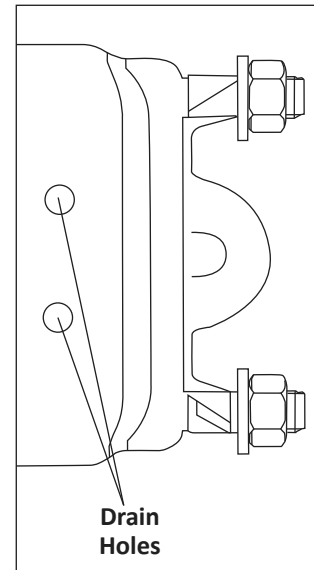
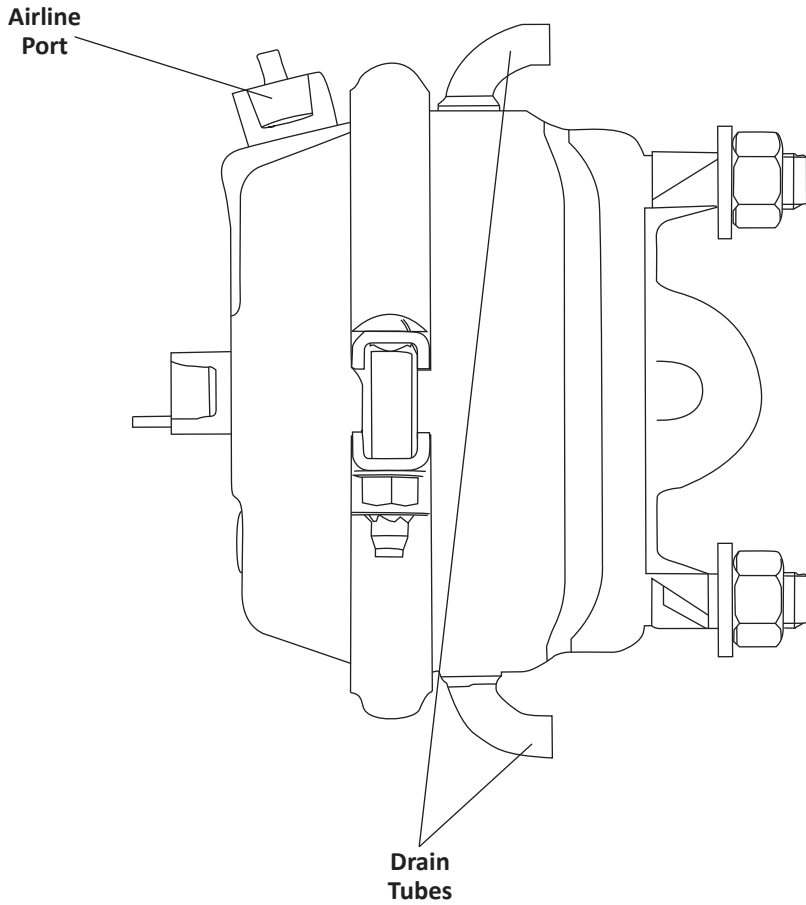
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**BRAKE
CHAMBERS**

BRAKE CHAMBERS SERVICE



**BRAKE
CHAMBERS**



Note – 1: If breather plugs are supplied, remove the breather plug from the bottom of the spring brake and leave the breather plug(s) in the upper breather hole(s).
WARNING: FAILURE TO REMOVE BOTTOM BREATHER PLUG WILL RESULT IN VOIDING OF WARRANTY

Note – 2: It is recommended to replace spring brakes in sets (one axle at a time), to maintain brake balance on the vehicle.

BRAKE CHAMBERS SERVICE

Air Disc Brake

Unless otherwise noted, chambers come with 3/8" - 18 NPTF ports and M16 X 1.5 mounting nuts

TYPE 16								
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
2.5	0°	Tubes	45°, 135°, 225° and 315°	Sealed	None	Severe Service	A11 3376P16	Includes E-Stroke Sensor
2.5	0°	Tubes	90° and 270°	Sealed	None	Severe Service	A10 3376P16	Includes E-Stroke Sensor
2.5	90°	Holes	See Note 1	Sealed	None	Line Haul	A5 3376P16	

TYPE 18								
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
2.5	45°	Holes	See Note 1	Sealed	None	Line Haul	A7 3376R18	
2.5	90°	Holes	See Note 1	Sealed	None	Line Haul	A2 3376R18	

TYPE 20								
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
2.5	0°	Holes	See Note 1	Sealed	None	Line Haul	A1 3376T20	
2.5	45°	Holes	See Note 1	Sealed	None	Line Haul	A3 3376T20	
2.5	45°	Tubes	45°, 135°, 225° and 315°	Sealed	None	Severe Service	B20 3276T20	
2.5	67.5°	Holes	See Note 1	Sealed	None	Line Haul	A4 3376T20	
2.5	90°	Holes	See Note 1	Sealed	None	Line Haul	A5 3376T20	
2.5	112.5°	Holes	See Note 1	Sealed	None	Line Haul	A6 3376T20	
2.5	135°	Holes	See Note 1	Sealed	None	Line Haul	A7 3376T20	
2.5	135°	Tubes	45°, 135°, 225° and 315°	Sealed	None	Severe Service	B19 3276T20	

TYPE 24								
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
2.5	0°	Holes	See Note 1	Sealed	None	Line Haul	A1 3376X24	
2.5	0°	Tubes	45°, 135°, 225° and 315°	Clamped	90°	Severe Service	C91 3276X24	
2.5	0°	Tubes	45°, 135°, 225° and 315°	Clamped	180°	Severe Service	C92 3276X24	
2.5	30°	Holes	See Note 1	Sealed	None	Line Haul	A32 3376X24	
2.5	45°	Tubes	45°, 135°, 225° and 315°	Clamped	90°	Severe Service	C90 3276X24	
2.5	45°	Tubes	90° and 270°	Clamped	90°	Severe Service	C88 3276X24	
2.5	90°	Holes	See Note 1	Sealed	None	Line Haul	A5 3376X24	
2.5	135°	Tubes	45°, 135°, 225° and 315°	Clamped	90°	Severe Service	C89 3276X24	
2.5	135°	Tubes	90° and 270°	Clamped	90°	Severe Service	C87 3276X24	
2.5	157.5°	Holes	See Note 1	Sealed	None	Line Haul	A8 3376X24	

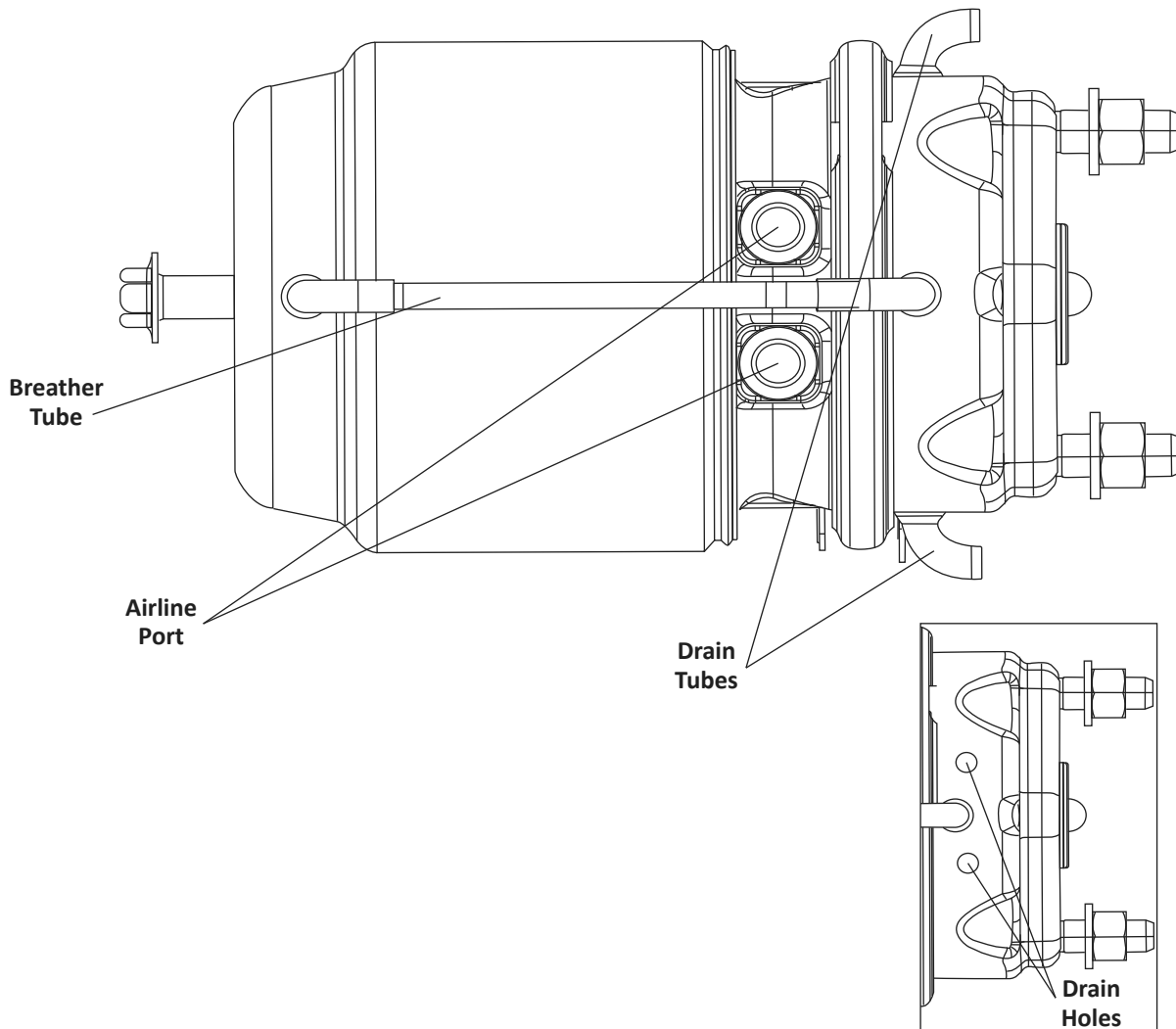
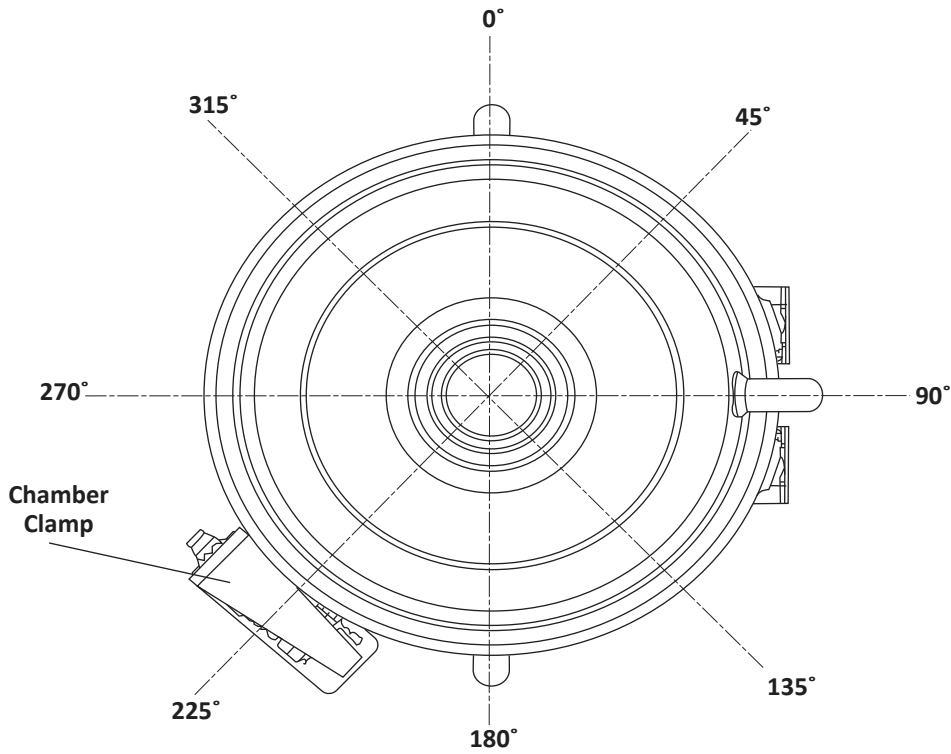
TYPE 27								
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
2.5	30°	Holes	See Note 1	Sealed	None	Line Haul	A9 3376A27	
2.5	150°	Holes	See Note 1	Sealed	None	Line Haul	A10 3376A27	

Note - 1: If breather plugs are supplied, remove the breather plug from the bottom of the spring brake and leave the breather plug(s) in the upper breather hole(s).

WARNING: FAILURE TO REMOVE BOTTOM BREATHER PLUG WILL RESULT IN VOIDING OF WARRANTY

Note - 2: It is recommended to replace spring brakes in sets (one axle at a time), to maintain brake balance on the vehicle.

BRAKE CHAMBERS SPRING BRAKES



**BRAKE
CHAMBERS**

BRAKE CHAMBERS SPRING BRAKES

Air Disc Brake

Unless otherwise noted, chambers come with 3/8" - 18 NPTF ports and M16 X 1.5 mounting nuts

TYPE 1824										
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	DRAIN ANGLE	BREATHER TUBE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
2.5	90°	Holes	See Note 1	None	None	Sealed		Line Haul	A1 3376R18	

TYPE 2024										
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	DRAIN ANGLE	BREATHER TUBE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
2.5	45°	Holes	See Note 1	None	None	Sealed	N/A	Line Haul	D2 3376T20	
2.5	90°	Holes	See Note 1	None	None	Sealed	N/A	Line Haul	D3 3376T20	
2.5	135°	Holes	See Note 1	None	None	Sealed	N/A	Line Haul	D4 3376T20	

TYPE 2424										
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	DRAIN ANGLE	BREATHER TUBE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
2.5	45°	Holes	See Note 1	None	None	Sealed	N/A	Line Haul	D2 3376X24	
2.5	90°	Holes	See Note 1	None	None	Sealed	N/A	Line Haul	D3 3376X24	
2.5	135°	Holes	See Note 1	None	None	Sealed	N/A	Line Haul	D4 3376X24	
3	225°	Tubes	0°	Yes	180°	Clamped	0°	Severe Service	E6 3276X24	
3	315°	Tubes	180°	Yes	0°	Clamped	180°	Severe Service	E5 3276X24	

TYPE 2430										
STROKE	AIRLINE PORT ANGLE	DRAIN TYPE	DRAIN ANGLE	BREATHER TUBE	BREATHER TUBE ANGLE	CHAMBER CLAMP TYPE	CHAMBER CLAMP ANGLE	APPLICATION	MERITOR PART NUMBER	NOTES
3	90°	Tubes	0° and 180°	Yes	0°	Clamped	230°	Severe Service	E9 3276X24	

BRAKE CHAMBERS

Note - 1: If breather plugs are supplied, remove the breather plug from the bottom of the spring brake and leave the breather plug(s) in the upper breather hole(s).

WARNING: FAILURE TO REMOVE BOTTOM BREATHER PLUG WILL RESULT IN VOIDING OF WARRANTY

Note - 2: It is recommended to replace spring brakes in sets (one axle at a time), to maintain brake balance on the vehicle.

EX+L CALIPERS

BRIDGE – Named for area around retainer bolt

FLAT – No indentation

POCKET – Metal removed but does not go through

WINDOW – There are holes in the bridge (note the shape)

OTHER AREAS TO COMPARE:

Shape of pad slot – straight or rounded

Front corner of bridge – look for shape and ‘dimples’

Mounting surface to caliper



Pocket

Flat



Slotted Window

Rectangle Window

Slanted Window

EX+H CALIPERS

BRIDGE – Named for area around retainer bolt

FLAT – No indentation





POCKET – Metal removed but does not go through






Flat Around Bolt



Pockets Around Bolt

MERITOR EX+
BRIDGE ID

CHAMBER ANGLES			
			
0° Chamber	4° Chamber	12° Chamber	Radial Mount

PAD CARRIERS — AXIAL VS. RADIAL MOUNT	
	
Axial Pad Carrier	Radial Pad Carrier

A-B DISTANCE EXAMPLE	
CENTER-TO-CENTER MEASUREMENT	

CHAMBER ANGLES	
<p>Need to note that left calipers usually go on left (street) side of vehicle (and right on right), but not always. If there is interference, then OEMs can choose to swap calipers. Important thing is to get the correct long/short pin side right, and then replace like-for-like.</p>	
	
Left Caliper	Right Caliper

MERITOR EX+
BRIDGE ID

COMPETITOR NAME	COMPETITOR NUMBER	MERITOR PART NUMBER
A-Line	ATR434135194	M44D37415
Bendix	802078	MMD1369AF
Bendix	802081	M44D802081
Bendix	802082	M44D802082
Bendix	802083	M44DH802569
Bendix	802455	MCKSK.2.8
Bendix	802569	M44DH802569
Bendix	802669	M44D802669
Bendix	802984	M802984X
Bendix	802985	M802985X
Bendix	803114	MCKSK.6.2
Bendix	976003	MMD1441AF
Bendix	1137986	M44DK021959
Bendix	2908711	MMD1203AF
Bendix	5013257	MMD1203AF
Bendix	1114525	68966091Z
Bendix	11371910061	M44DK021958
Bendix	1137415	M44D37415
Bendix	1137986	M44DK021959
Bendix	K000332	M44D802082
Bendix	K000758	M44D802081
Bendix	K003902	CS.1142
Bendix	K004100	MCKSK.6.2
Bendix	K006060	MMD1203AF
Bendix	K011140	MK021991X
Bendix	K011141	MK021992X
Bendix	K014066	MK021990X
Bendix	K014997	MK100094X
Bendix	K014998	MK100093X
Bendix	K021958	M44DK021958
Bendix	K021959	3218-Q-1447
Bendix	K021989	MK021989X
Bendix	K021990	MK021990X
Bendix	K021991	MK021991X
Bendix	K021992	MK021992X
Bendix	K025669	2024HTND2-3626
Bendix	K025670	1824HTND2-3498
Bendix	K026734	2424HTND23629
Bendix	K027557	1816HTND2-3669
Bendix	K028022	18HSCND2-4026
Bendix	K028225	20HSCND2-3630
Bendix	K028238	22HSCND2-3631
Bendix	K028252	24HSCND2-3532
Bendix	K034497	M44DK034497
Bendix	K038573	M44D802081
Bendix	K038574	M44D802082
Bendix	K041960	2016HTND2-3710
Bendix	K042457	1616HTLD2-3627
Bendix	K043329	1816HTND2-3669
Bendix	K046771K50	MMD1203AF

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Bendix	K049076	MK021989X
Bendix	K054101	MMD1369AF
Bendix	K064525AT	MK021990X
Bendix	K064526AT	MK021989X
Bendix	K069799	MBR5057
Bendix	K070796	MMD1369AF
Bendix	K081142	MK081142X
Bendix	K081143	MK081143X
Bendix	K081256	MK081256X
Bendix	K081257	MK081257X
Bendix	K081879	MK100094X
Bendix	K081880	MK100093X
Bendix	K092079	MCKSK.4.2
Bendix	K100093	MK100093X
Bendix	K100094	MK100094X
Bendix	K108187	MK021991X
Bendix	K108188	MK021992X
Bendix	K109113	MMD1369AF
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Bendix	K109249	MMD1203AF
Bendix	K109318	MMD1203AF
Bendix	K109957X	MK081256X
Bendix	K109958X	MK081257X
Bendix	K109961X	MK081142X
Bendix	K109962X	MK081143X
Bendix	K110358	M44D802082
Bendix	K113887X	M802984X
Bendix	K113888X	M802985X
Bendix	K115559	MMD1369AF
Bendix	K129276	MMD1369AF
Bendix	K132352	1816HTND2-3669
Bendix	K138983	MK021989XSC
Bendix	K138984	MK021990XSC
Bendix	K147135X	MK081257X
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Bendix	K147429X	MK081143X
Bendix	K147430X	MK081142X
Bendix	K149714	M802984X
Bendix	K149715	M802985X
Bendix	K165794X	M802984X
Bendix	K165795X	M802985X
Bendix	Z006407	M44D802669
Celerity	CSD17A01	M44D802081
Celerity	CSD17A02	M44D802082
Celerity	CSD17A03	M44DK021958
Celerity	CSD17A04	M44DH802569
Celerity	CSD17A05	M44D37415
Celerity	CSD17A08	M44DK021959
Celerity	CSD17A09	M44DK034497
Celerity	CSD17A11	M44D802669

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Centric	120.86001	23 123642 002
Centric	120.86003	M44D802081
Centric	120.86004	M44D37415
Centric	120.86005	M44DK021959
Centric	120.86006	M44D802082
Centric	120.86008	M44D802669
Centric	120.86009	M44DK021958
Centric	120.8601	68326014
Centric	120.86013	3218-Z-1404
Conmet	10016195	M44DH18609
Conmet	10018609	M44DH18609
Conmet	10020109	M44DH20682
Conmet	10020682	M44DH20682
Conmet	10041006	M44D802082
Conmet	10080753	23 123642 002
Conmet	10082074	M44D802082
Conmet	10082181	23 123642 002
Conmet	10083733	M44DH18609
Conmet	10721062	M44D76602A
Conmet	10977055	M44D76602A
Conmet	15224835	KIT195020
Conmet	15224835A	KIT195021
Conmet	15224835T400	KIT195020
Dayton	1824CBD	1816HTND2-3669
Dayton	1824CWDL	1816HTND2-3669
Dayton	1824CWDR	1816HTND2-3669
Dayton	1824PBD	1824HTND2-3498
Dayton	2024CBD	2016HTND2-3710
Dayton	2024CWDL	2016HTND2-3710
Dayton	2024CWDR	2016HTND2-3710
Durabrade	56641	68326014
Durabrade	56642	23 123642 002
Durabrade	71601	M44D71601
Durabrade	75180	M44D75180
Durabrade	76603	M44D37415
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Durabrade	76606	23 123642 002
Durabrade	76612	M44DK021958
Durabrade	76613	M44D76613
Durabrade	76617	M44D802082
Durabrade	76618	M44D802081
Durabrade	76619	M44DHS34172006
Durabrade	76641	M44D802669
Durabrade	76642	M44DK034497
Durabrade	76690	M44D76690
Durabrade	76691	M44D76691
Durabrade	76601A	3218-Z-1404
Durabrade	76602A	MBR9016
Formula Blue	E10514070	MMD1407AF
Formula Blue	E10514380	MMD1438AF

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Formula Blue	E11112030	MMD1203AF
Formula Blue	E11113100	MMD1310AF
Formula Blue	E11113110	MMD1311AF
Formula Blue	E11113120	MMD1312AF
Formula Blue	E11113230	MMD1323AF
Formula Blue	E11113690	MMD1369AF
Formula Blue	E11113700	MMD1370AF
Haldex	GC1824D	1816HTND2-3669
Haldex	GC2024D	2016HTND2-3710
Haldex	GC2430D	2424HTND23629
Haldex	SC20D	20HSCND2-3630
Haldex	SC24D	24HSCND2-3632
Hendrickson	CSB24D051	24HSCND2-3532
Hendrickson	S-29152	MMD1369AF
Hendrickson	S-29152-14	M802985X
Hendrickson	S-29152-15	M802984X
Hendrickson	S-29152-17	M44DH802569
Hendrickson	S-29152-2	MMD1369AF
Hendrickson	S-29152-3	MMD1203AF
Hendrickson	S-29152-5	CS.1142
Hendrickson	S-29152-6	MCKSK.4.2
Hendrickson	S-29152-7	CS.1142
Hendrickson	S-29152-9	MCKSK.6.2
Hendrickson	S-30560	MMD1583AF
Hendrickson	S-32193	M44D802082
Hendrickson	S-32676	MMDWP22AF
Hendrickson	S-32676-1	MMDWP22AF
Hendrickson	S-32676-10	6402259302
Hendrickson	S-32676-3	6401759202
Hendrickson	S-32676-4	6402259212
Hendrickson	S-32676-7	40225015NX
Hendrickson	S-32676-8	40225016NX
Hendrickson	S-32793	20HSCND2-3630
Hendrickson	S-33417	1824HTND2-3628
Hendrickson	S-34172	M44DHS34172006
Hendrickson	S-34421	2024HTND2-3626
Hendrickson	S-34446	1824HTND2-3628
Hendrickson	S-35303-1	MMDWP22AF
MAN	81.50803.0040	MBR5057
MAN	81.50803.0041	MBR5068
MAN	81.50804.6597	MK100093X
MAN	81.50804.6598	MK100094X
MAN	81.50804.6651	MK100093X
MAN	81.50804.6652	MK100094X
MAN	81.50804.6669	MK100094X
MAN	81.50804.6670	MK100093X
MAN	81.50820-5099	MMD1203AF
MAN	81.50820-6030	MMD1203AF
MAN	81.50820-6032	MMD1203AF
MAN	81.50820-6033	MMD1203AF

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MAN	81.50820-6055	MMD1203AF
MAN	81.50820-6056	MMD1203AF
MAN	81.50820-6061	MMD1203AF
MAN	81.50820-6070	MMD1203AF
MCI	2317240	M44DK021958
MCI	15031012	23 123642 002
MCI	15051010	3218-Z-1404
MCI	04-04-1107	M44DK021958
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MCI	15 02 1067	68326014
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MCI	15-03-1012	M44D56642
MCI	15-05-1010	3218-Z-1404
Meritor	M44D18609	M44DH18609
Meritor	M44D76603	M44D37415
Meritor	M44D76604	M44DK021959
Meritor	M44D76612	M44DK021958
Meritor	M44D76617	M44D802082
Meritor	M44D76618	M44D802081
Meritor	M44D76619	M44DHS34172006
Meritor	M44D76641	M44D802669
Meritor	M44D76642	M44DK034497
MGM	CSB18D051	18HSCND2-4026
MGM	CSB20D051	20HSCND2-3630
MGM	CSB22D051	22HSCND2-3631
MGM	CSB24D051	24HSCND2-3632
MGM	MJB1824DT051	1824HTND2-3498
MGM	MJB2024DT051	2024HTND2-3626
MGM	MJB2424DT051	2424HTND23629
MGM	TRB1824DT051	1816HTND2-3669
MGM	TRB2024DT051	2016HTND2-3710
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NABI	6316229	23 123647 002
NABI	6333812	23 123647 002
New Flyer	6347297	MBR5057
New Flyer	6359347	MBR5068
New Flyer	6407925	M44DK021958
Nova	N8884457	M44DK021958
Nova	N8893341	MK021992X
Nova	N8893344	MK021991X
Nova	N8900425	MK021991X
Nova	N8900426	MK021992X
Nova	N8900764	MK021989XSC
Nova	N8900765	MK021990XSC
Nova	N8900768	MK021990XSC
Nova	N8900769	MK021989XSC
Performance Friction	1311.12	MMD1311AF
Prevost	611188	M44D37415
Prevost	611300	M44D802669

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Prevost	611455	M44D37415
Prevost	611456	M44D37415
Prevost	611457	3218-Q-1447
Prevost	621672	3218-Q-1447
SAF	3434381500	MCKSK.6.2
SAF	03057008500Z	MMD1369SAF
SAF	04454109864Z	1424HTLD76-3708
SAF	0445410996Z	1824HTND2-3628
SAF	04454110064Z	2024HTND2-3626
Textar	2918701	MMD1311AF
Textar	2926902	MMD1369AF
Textar	2926903	MMD1369AF
Textar	2926904	MMD1369AF
Van Hool	11047678	M44D76610
Van Hool	920924972	M44DK021958
Van Hool	N508030038	MBR5057
Van Hool	N508030040	MBR5057
Volvo	3092710	M44D76691
Volvo	3988838	M44D76691
Volvo	8551042	M44D76691
Volvo	20428193	M44D76690
Volvo	21538404	M44DH802569
Volvo	85103803	M44D76690
Volvo	85110496	M44D76690
Wabco	1660363	M44DHS34172006
Wabco	12999806	MMD1518AF
Wabco	40175090	40175072NX
Wabco	40175091	40175073NX
Wabco	40195037	40195037NX
Wabco	40195038	40195038NX
Wabco	40225011	40225015NX
Wabco	40225012	40225016NX
Wabco	640225036	6402250800NX
Wabco	640225037	6402250810NX
Wabco	4005120030	18HSCND2-4026
Wabco	4235051520	20HSCND2-3630
Wabco	9253470060	1816HTND2-3669
Wabco	9253470070	1816HTND2-3669
Wabco	9253470080	1816HTND2-3669
Wabco	9253800030	2016HTND2-3710
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Wabco	12 999 737VT	MMD1438AF
Wabco	12 999 796	MMDWP22AF
Wabco	12 999 806	MMD1518AF
Wabco	12-999-703VT	MMD1518AF
Wabco	12-999-737VT	MMD1438AF
Wabco	12-999-796	MMDWP22AF

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Wabco	26111299747VT	MMD1438AF
Wabco	640 222 927 2	MMD1777M22TAF
Wabco	640 225 922 2	MMDWP22AF
Wabco	640 322 934 2	MMD2061AF
Wabco	640-322-065-0	6403220650NX
Wabco	640-322-066-0	6403220660NX
Wabco	640-322-927-2	6403229272NX
Wabco	640-322-932-2	6403229322NX
Wabco	640-322-934-2	6403229342NX
Wabco	640-322-935-2	6403229352NX
Wabco	640-322-938-2	6403229382NX
Wabco	CT807	M44D76613
Wabco	CT826	M44D75180

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Wabco	CT832	M44D71601
Wabco - ProVia	340 901 070 2	MMD1203AF
Wabco - ProVia	340 901 073 2	MMD1369AF
Wabco - ProVia	340 902 002 0	MMD1407AF
Wabco - ProVia	340 902 003 2	MMD1310AF
Wabco - ProVia	370 902 001 2	MMD1312AF
Webb	54220P	68326014
Webb	55030PK	M44D75180
Webb	55031PK	M44D71601
Webb	55032PK	M44D76613
Webb	55040P	MBR5057
Webb	55060P	23 123642 002
Webb	55070P	23 123647 002

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Webb	55080P	M44D802669
Webb	55097P	M44DHS34172006
Webb	56022P	M44D37415
Webb	56024P	M44DK021958
Webb	56050P	M44DK021959
Webb	56090PK	M44DH20682
Webb	56092PK	M44DH18609
Webb	56095P	M44D802082
Webb	56096P	M44D802081
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