

PARTS LIST

AIR DISC BRAKES

LIT NO: L1063

DATE: April 2017

REVISION: G



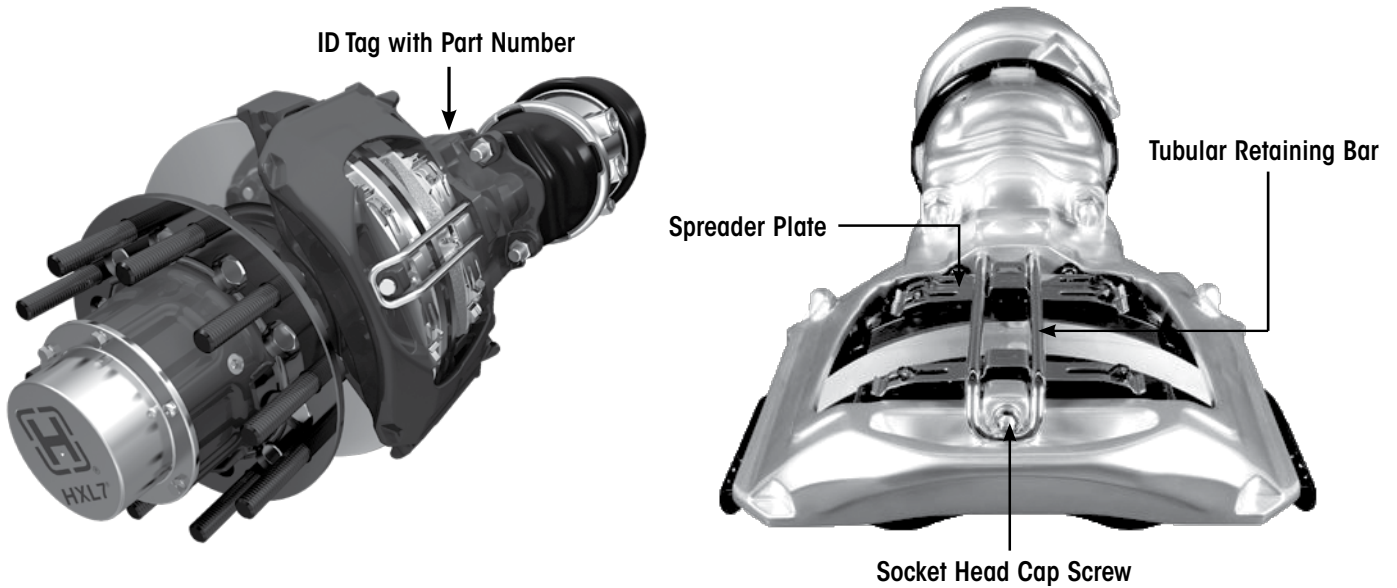
TABLE OF CONTENTS

HOW TO IDENTIFY AN AIR DISC BRAKE SYSTEM	2 - 3
AIR DISC BRAKE SYSTEM – HENDRICKSON MAXX22T™	4 - 7
AIR DISC BRAKE SYSTEM – WABCO PAN22	8 - 9
AIR DISC BRAKE SYSTEM – KNORR BENDIX ADB22X	9 - 10
AIR DISC BRAKE SYSTEM – HALDEX DB22LT	12-13
AIR DISC BRAKE SYSTEM – HALDEX DB22LD	13

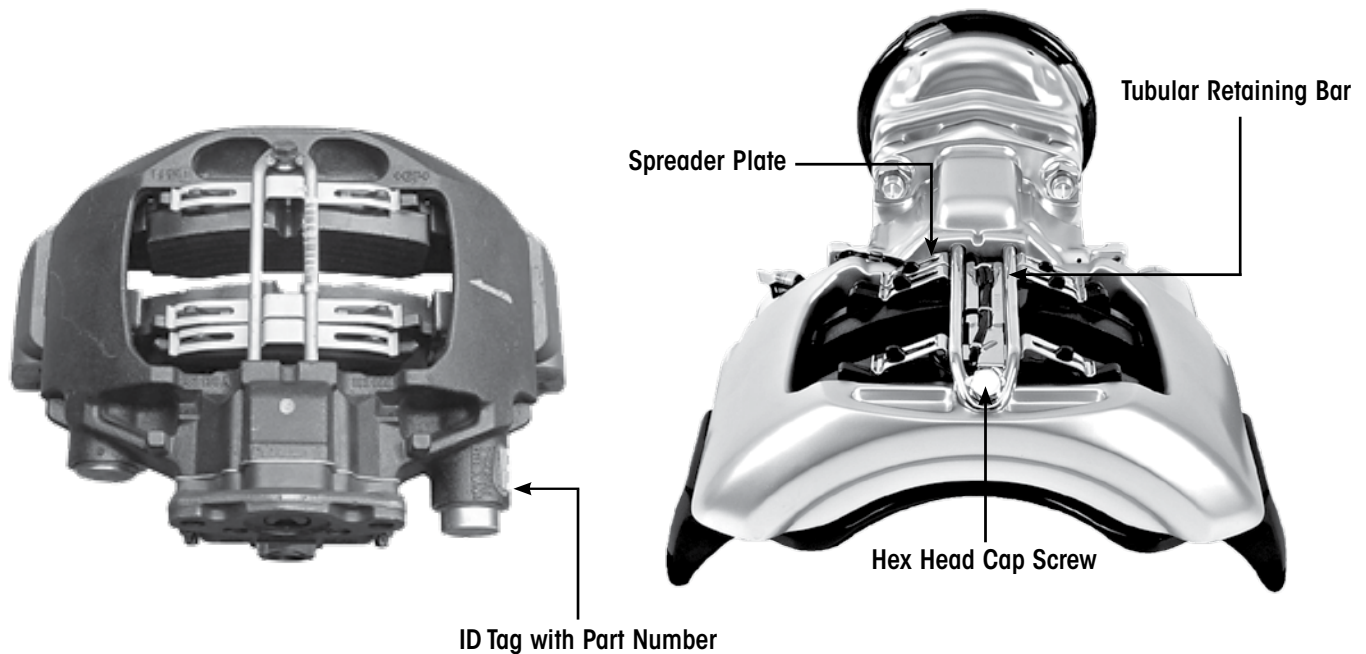
HOW TO IDENTIFY AN AIR DISC BRAKE SYSTEM

Please see below to help identify the Hendrickson MAXX22T, WABCO PAN 22, Knorr/Bendix ADB22X and Haldex DBT 22LT ID tag and key identifiers.

Hendrickson MAXX22T™



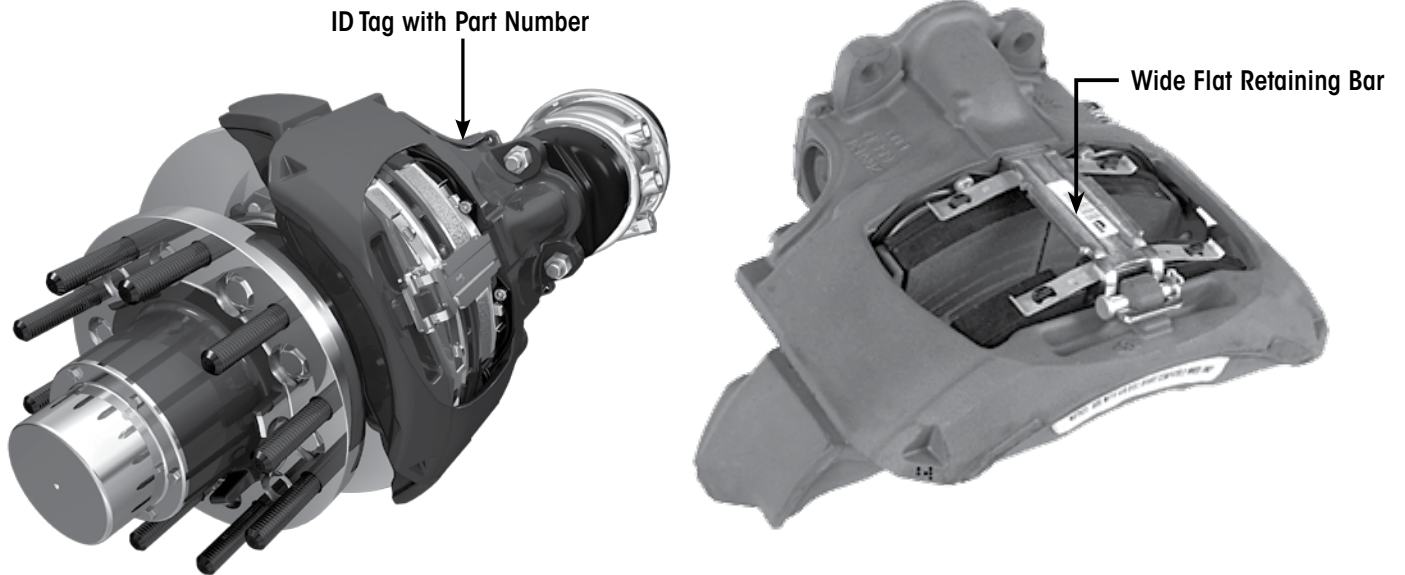
WABCO PAN 22



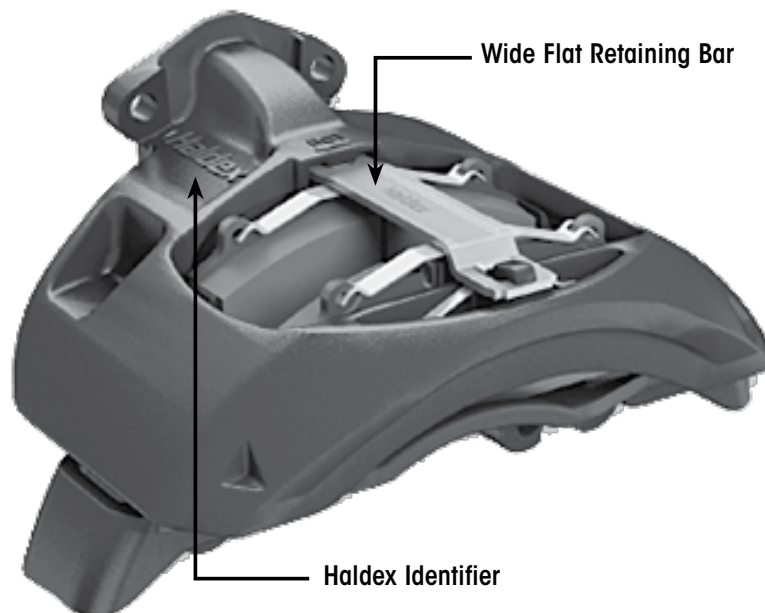


HOW TO IDENTIFY AN AIR DISC BRAKE SYSTEM (Cont'd.)

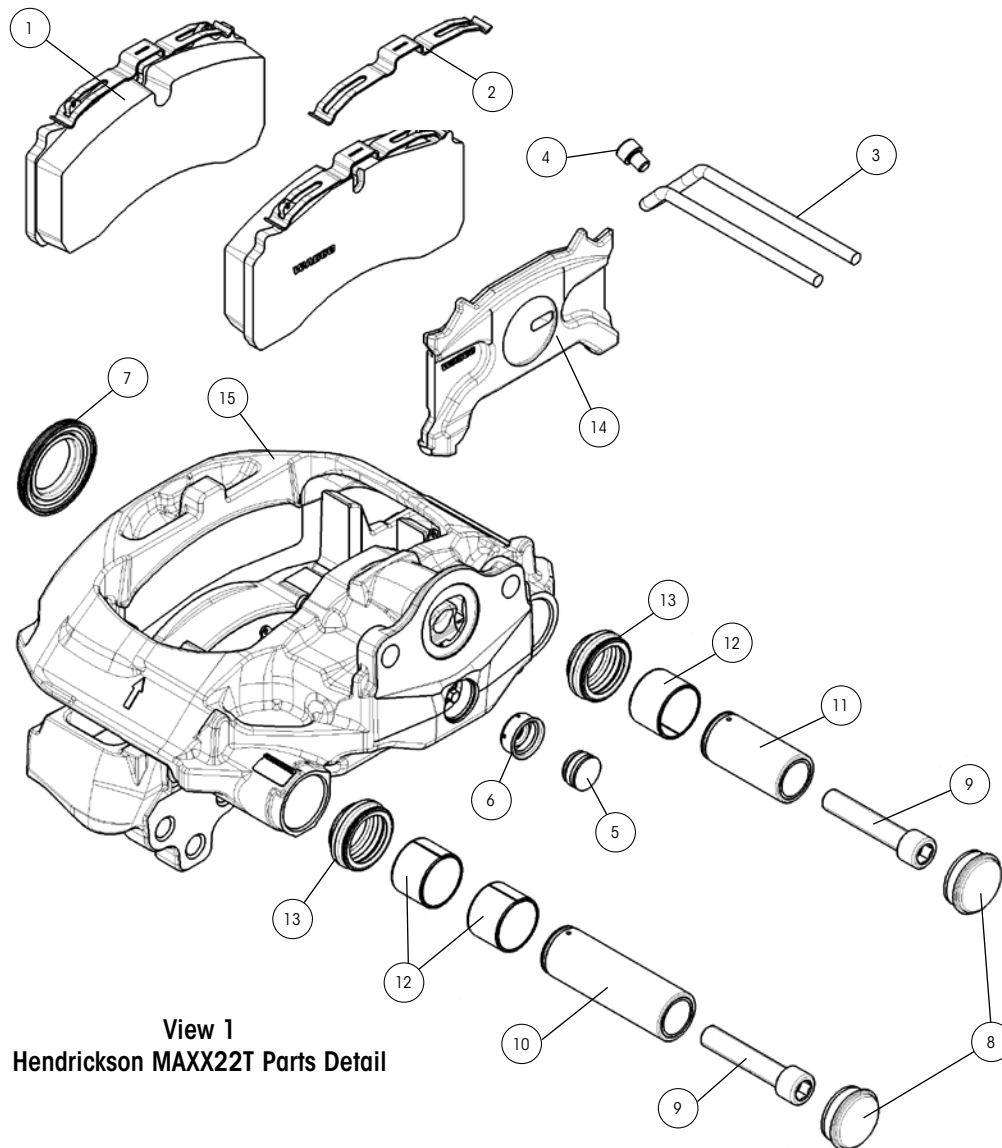
Knorr Bendix ADB22X



Hallex DBT22LT



AIR DISC BRAKE KIT – HENDRICKSON MAXX22T™



View 1
Hendrickson MAXX22T Parts Detail

PARTS DETAIL – HENDRICKSON MAXX22T *(See View 1 for Image)*

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	Brake Pad	9	Screw, Guide Pin
2	Spring, Pressure Plate Retainer	10	Guide Pin (long)
3	Pad Retainer Bar	11	Guide Pin (short)
4	Screw, Pad Retainer	12	Bushing, Guide Pin
5	Plug, Adjuster	13	Boots, Guide Pin
6	Boot, Adjuster	14	Pressure Plate L/R
7	Boot, Adjuster Piston	15	Brake Caliper Assembly
8	Cap, Guide Pin		

**AIR DISC BRAKE COMPONENTS – HENDRICKSON MAXX22T™** (See View 1 for Image)

PART DETAIL NO.	PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
1-5	S-35303-1	Brake Pad Kit	4 Pads, 2 Springs, 2 Holder Brackets, 2 Screws, 2 Plugs	1
5-7	S-32676-3	Replacement Gasket Kit	1 Plug, 1 Inner Sealing, 1 Outer Sealing	2
5, 7-13	S-35303-4	Replacement Guide Bolt Kit	1 Plug, 2 Inner Sealing, 2 Outer Sealing, 2 Sliding Bolts, 2 Metal Caps, 2 Screws, 3 Guide Pin Bushings	2
14	S-35303-9	Pressure Plate Kit	2 Pressure Plates, Left and Right	1
15	S-35973-1	MAXX22T™ Caliper Assemblies w/Hardware	1 Caliper - LH, 1 Caliper RH and Mounting Hardware	1
15	S-35973-L	MAXX22T Caliper Assembly LH w/Mounting Hardware	1 Caliper - LH and Mounting Hardware	1
15	S-35973-R	MAXX22T Caliper Assembly RH w/Mounting Hardware	1 Caliper - RH and Mounting Hardware	1
N/A	S-32676-5	Basic Tool Kit	1 Basic Tool	N/A
N/A	S-35303-6	MAXX22T Tool Kit	1 Tool For MAXX22T	N/A

AIR DISC BRAKE CALIPER ATTACHMENT HARDWARE KIT

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-33649-5	MAXX22T Caliper to Torque Plate Bolt Kit	12 Bolts and 12 Washers	1
S-33649-6	MAXX22T Caliper to Torque Plate Bolt Kit	6 Bolts and 6 Washers	2

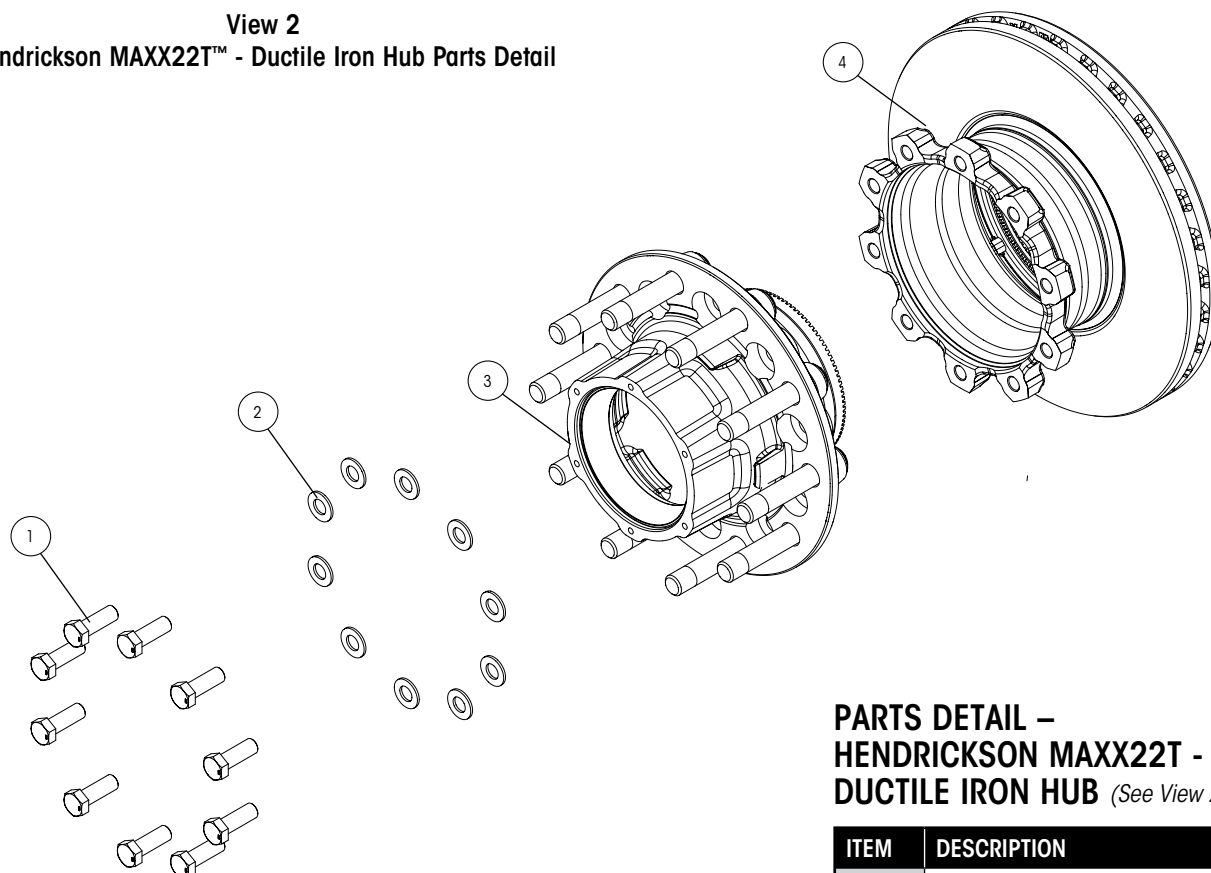
AIR CHAMBER

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-34445-L	Type 18 WABCO Chamber - LH	1 Chamber for INTRAAX® AAT / AANT	1
S-34445-R	Type 18 WABCO Chamber - RH	1 Chamber for INTRAAX AAT / AANT	1
S-34445-U	Type 18 WABCO Chamber - Unhanded	1 Chamber for INTRAAX AAL, AAEDT and AAEDL	2
S-34446-L	Type 18/24 WABCO Chamber - LH	1 Chamber for INTRAAX AAT / AANT	1
S-34446-R	Type 18/24 WABCO Chamber - RH	1 Chamber for INTRAAX AAT / AANT	1
S-34446-U	Type 18/24 WABCO Chamber - Unhanded	1 Chamber for INTRAAX AAL, AAEDT and AAEDL	2

DUST SHIELD KIT

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-35720-4415	Bolt-on Dust Shield Kit for 5.75" LDA Axle for 415mm Rotor	1 Dust Shield and Mounting Hardware	2
S-35720-1	Bolt-on Dust Shield for 5.75" LDA Axle for 415mm Rotor	1 Dust Shield	2
S-35766-415	Hardware for Bolt-on Dust Shield	Mounting Hardware	2

View 2
Hendrickson MAXX22T™ - Ductile Iron Hub Parts Detail



**PARTS DETAIL –
HENDRICKSON MAXX22T -
DUCTILE IRON HUB** (See View 2 for Image)

ITEM	DESCRIPTION
1	Bolt
2	Washer
3	Hub
4	Rotor

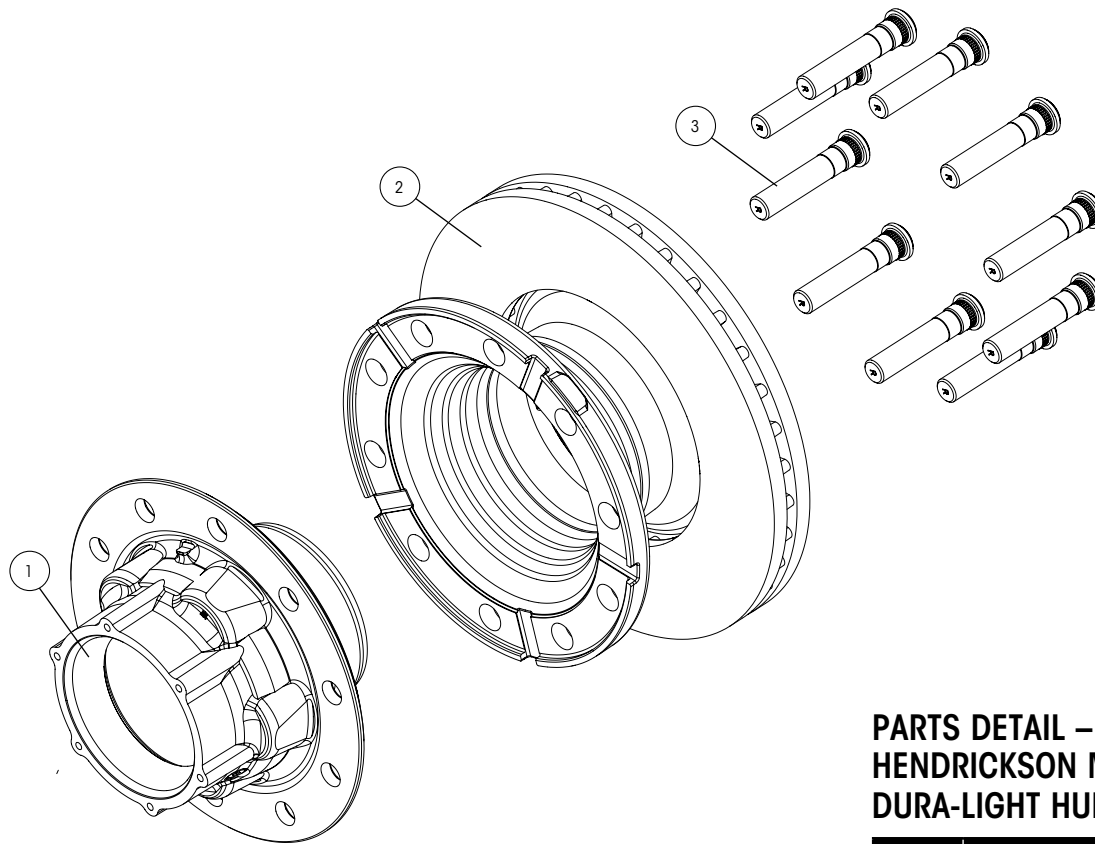
ROTOR COMPONENTS KIT - HENDRICKSON MAXX22T™ - DUCTILE IRON HUB & WABCO ROTOR

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-34471	Wabco Rotor	1 415mm Rotor w/Fasteners	2
S-37434-1	MAXX22T Rotor Replacement Kit - HN	1 Rotor, 10 Rotor Bolts & Washers, 6 Caliper Bolts & Washers, 1 Seal, 1 Gasket, 6 Hubcap Screws & Washers, 2 Button Head Screws, 1 PRECISION240 Lock Washer, 1 Package of Delo	2
S-37434-2	MAXX22T Rotor Replacement Kit - HP	1 Rotor, 10 Rotor Bolts & Washers, 6 Caliper Bolts & Washers, 1 Seal, 1 Gasket, 6 Hubcap Screws & Washers, 2 Button Head Screws, 1 PRECISION320 Lock Washer, 1 Package of Delo	2
S-35210-3	Metric Fasteners for MAXX22T Cast Rotor	20 Bolts and 20 Washers	1
S-35210-4	Metric Fasteners for MAXX22T Cast Rotor	10 Bolts and 10 Washers	2

NOTE: Refer to L949 RTR Parts List for hub / rotor assembly part numbers. * Hendrickson does not recommend reusing bolts, please replace fasteners.



View 3
Hendrickson MAXX22T™ - DURA-LIGHT HUB® Parts Detail



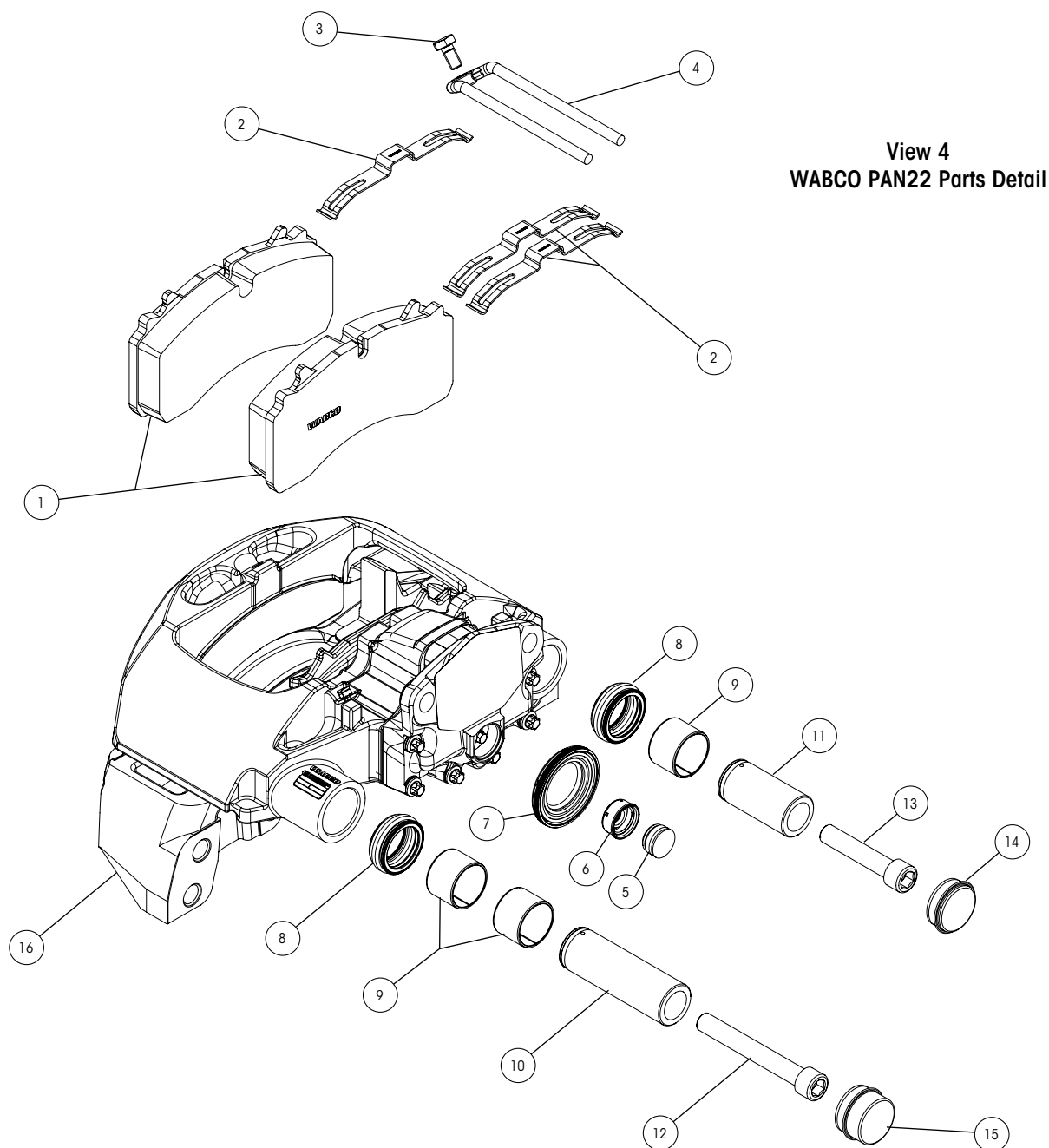
**PARTS DETAIL –
HENDRICKSON MAXX22T -
DURA-LIGHT HUB®** (See View 3 for Image)

ITEM	DESCRIPTION
1	Hub
2	Rotor
3	Stud

HENDRICKSON MAXX22T - DURA-LIGHT HUB® & HENDRICKSON ROTOR

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-37009-1	Hendrickson Rotor, Short Stud	1 Rotor w/ 10 Wheel Studs	2
S-37009-2	Hendrickson Rotor, Long Stud	1 Rotor w/ 10 Wheel Studs	2
S-37024-1	Short Wheel Stud	1 Wheel Stud	20
S-37024-2	Long Wheel Stud	1 Wheel Stud	20

AIR DISC BRAKE KIT – WABCO PAN22



PARTS DETAIL – WABCO PAN22 *(See View 4 for Image)*

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	Brake Pad	9	Bushing, Guide Pin
2	Spring, Pan Retainer	10	Guide Pin (Long)
3	Screw, Pan Retainer	11	Guide Pin (Short)
4	Pan Retainer Bar	12	Screw, Guide Pin (Long)
5	Plug, Adjuster	13	Screw, Guide Pin (Short)
6	Boot, Adjuster	14	Cap, Guide Pin (Short)
7	Boot, Adjuster Piston	15	Cap, Guide Pin (Long)
8	Boot, Guide Pin	16	Caliper / Carrier Assembly

**AIR DISC BRAKE COMPONENTS – WABCO PAN22** *(See View 4 for Image)*

PARTS DETAIL NO.	PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
1-5	S-32676-1	Replacement Brake Pad Kit	4 Pads, 6 Springs, 2 Bolts, 2 Holder Bars, 2 Plugs	1
5-7	S-32676-3	Replacement Gasket Kit	1 Plug, 1 Sealing, 1 Boot	2
5, 7-15	S-32676-4	Replacement Guide Bolt Kit	1 Plug, 1 Boot, 2 Sealings, 3 Bushings, 2 Bolts, 2 Screws, 2 Covers	2
N/A	S-32676-5	Basic Tool Kit	1 Basic Tool	N/A
N/A	S-32676-6	PAN22-1 Tool Kit	1 Tool for PAN22-1	N/A
16	S-33648-2	Caliper / Carrier Assembly, LH	1 Caliper, 1 Carrier and Mounting Hardware	1
16	S-33648-3	Caliper / Carrier Assembly, RH	1 Caliper, 1 Carrier and Mounting Hardware	1

AIR DISC BRAKE CALIPER ATTACHMENT HARDWARE KIT

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-33649-1	Caliper to Torque Plate Bolt Kit	12 Bolts and 12 Washers	1
S-33649-2	Caliper to Torque Plate Bolt Kit	6 Bolts and 6 Washers	2

AIR CHAMBER

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-32793-L	Type 20 WABCO Chamber - LH	1 Chamber for INTRAAX® AAT / AANT	1
S-32793-R	Type 20 WABCO Chamber - RH	1 Chamber for INTRAAX AAT / AANT	1
S-32793-U	Type 20 WABCO Chamber - Unhanded	1 Chamber for INTRAAX AAL, AAEDT and AAEDL	2
S-34421-L	Type 20/24 WABCO Chamber - LH	1 Chamber for INTRAAX AAT / AANT	1
S-34421-R	Type 20/24 WABCO Chamber - RH	1 Chamber for INTRAAX AAT / AANT	1
S-34421-U	Type 20/24 WABCO Chamber - Unhanded	1 Chamber for INTRAAX AAL, AAEDT and AAEDL	2

ROTOR AND ATTACHMENT HARDWARE

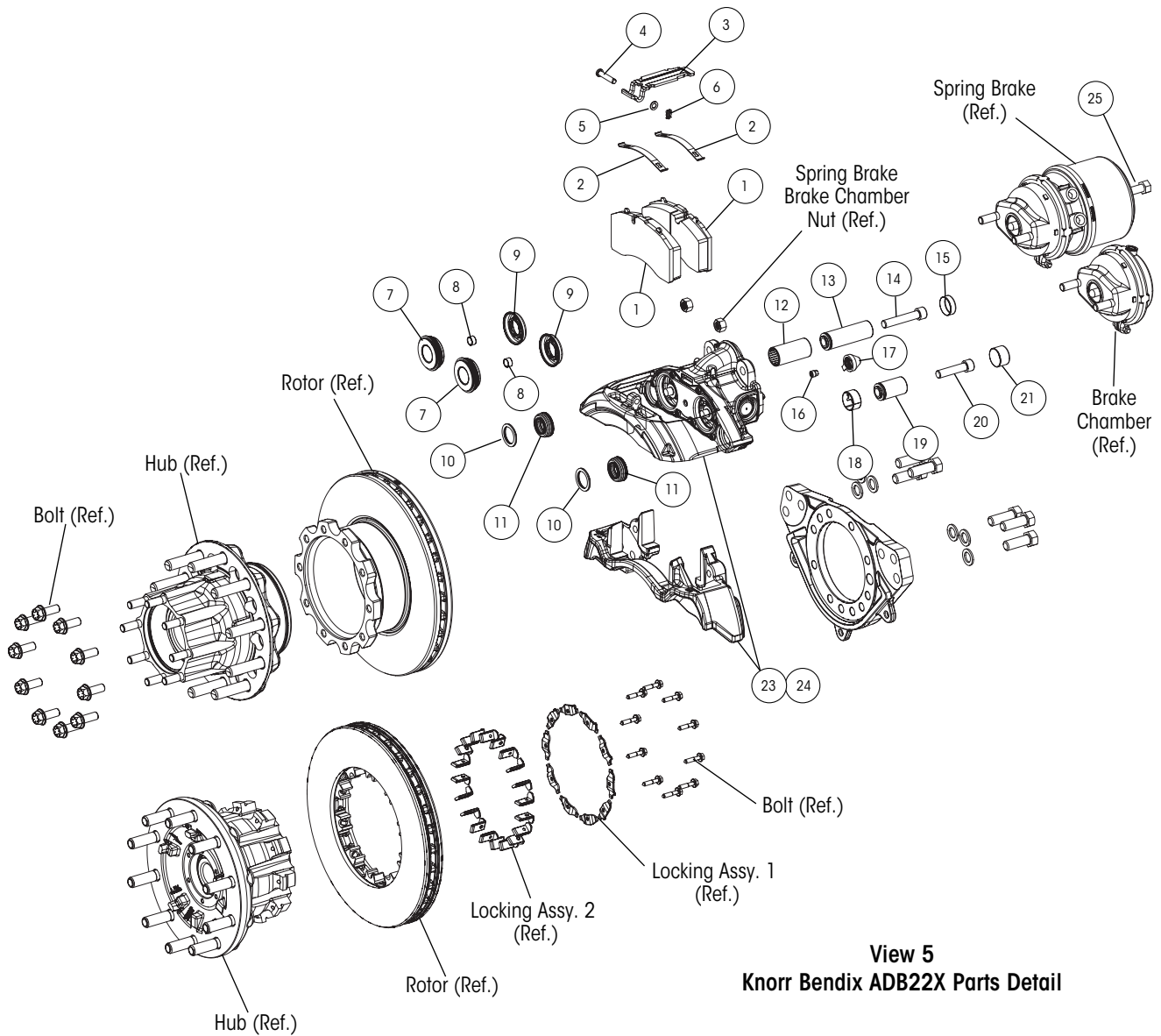
PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-34172	Hendrickson Cast 430mm Rotor	1 U-shaped Rotor, 10 Bolts and 10 Washers	2
S-35210-3	Metric Fasteners for Cast Rotor	20 Bolts and 20 Washers	1
S-35210-4	Metric Fasteners for Cast Rotor	10 Bolts and 10 Washers	2
S-36661-1	ConMet Flat Rotor	1 Flat Rotor, 10 Bolts and 10 Washers	2
S-37435-1	Rotor Replacement Kits - HN	1 Rotor, 10 Rotor Bolts & Washers, 6 Caliper Bolts & Washers, 1 Seal, 1 Gasket, 6 Hubcap Screws & Washers, 2 Button Head Screws, 1 PRECISION240 Lock Washer, 1 Package of Delo	2
S-37435-2	Rotor Replacement Kits - HP	1 Rotor, 10 Rotor Bolts & Washers, 6 Caliper Bolts & Washers, 1 Seal, 1 Gasket, 6 Hubcap Screws & Washers, 2 Button Head Screws, 1 PRECISION320 Lock Washer, 1 Package of Delo	2

* Hendrickson does not recommend reusing bolts, please replace fasteners.

DUST SHIELD KIT

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
CLAMP-ON			
S-28570-4350	Dust Shield for 5" Axle for 430mm Rotor	1 Dust Shield and 1 Band Clamp	2
S-28570-4357	Dust Shield for 5.75" LDA Axle for 430mm Rotor	1 Dust Shield and 1 Band Clamp	2
BOLT-ON			
S-36224-1	Dust Shield for 5" and 5.75" LDA Axle for 430mm Rotor	1 Dust Shield	2
S-36224-4430	Dust Shield for 5" and 5.75" LDA Axle for 430mm Rotor	1 Dust Shield and Hardware	2

AIR DISC BRAKE KIT – KNORR BENDIX ADB22X



View 5
Knorr Bendix ADB22X Parts Detail

PARTS DETAIL – KNORR BENDIX ADB22X *(See View 5 for Image)*

ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	Pad	10	Boot Retaining Ring	19	Guide Pin
2	Pad Holder Spring	11	Inner Boot	20	Caliper Bolt
3	Pad Retainer	12	Brass Bushing	21	Cover
4	Pad Retainer Pin	13	Guide Pin	22	White Grease (Not shown)
5	Washer	14	Caliper Bolt	23	Caliper / Carrier Assembly, RH
6	Spring Clip	15	Cap	24	Caliper / Carrier Assembly, LH
7	Tappet and Boot Assembly	16	Shear Adapter	25	Caging Bolt Plug
8	Tappet Bushing	17	Adjuster Cap		
9	Inner Seal	18	Guide Sleeve		

**AIR DISC BRAKE COMPONENTS – KNORR BENDIX ADB22X** *(See View 5 for Image)*

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-29152-2	Pad Kit	4 Pads, 4 Pad Holder Springs, 2 Pad Retainers, 2 Pad Retainer Pins, 2 Washers, 2 Spring Clips, 2 Shear Adapters, 2 Adjuster Caps	1
S-29152-4	Splint Kit	25 Spring Clips	Bulk Service Item
S-29152-5	Shear Adapter	10 Shear Adapters	Bulk Service Item
S-29152-6	Tappet / Boot Kit	2 Tappet and Boot Assembly 2 Tappet Bushings, 2 Inner Seals	2
S-29152-7	Adjuster Cover (Non Wear Sensing)	10 Adjuster Caps	Bulk Service Item
S-29152-9	Guide Pin, Seal and Boot Kit	2 Boot Retaining Rings, 2 Inner Boots, 1 Brass Bushing, 1 Guide Pin, 1 Caliper Bolt, 1 Cap, 1 Guide Sleeve, 1 Guide Pin, 1 Cover	2
S-29152-12	Guide Pin Grease	8g of White Grease	2
S-29152-13	Guide Pin Grease	500g of White Grease	Bulk Service Item
S-29152-19	Caging Bolt Plug	1 Plug	2
S-33647-2	Caliper / Carrier Assembly, LH	1 Caliper, 1 Carrier and Mounting Hardware	1
S-33647-3	Caliper / Carrier Assembly, RH	1 Caliper, 1 Carrier and Mounting Hardware	1

AIR DISC BRAKE CALIPER ATTACHMENT HARDWARE KIT

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-33649-1	Caliper to Torque Plate Bolt Kit	12 Bolts and 12 Washers	1
S-33649-2	Caliper to Torque Plate Bolt Kit	6 Bolts and 6 Washers	2

AIR CHAMBER

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-33417-L	Type 18/24 Bendix Chamber - LH	1 Chamber for INTRAAX® AAT / AANT	1
S-33417-R	Type 18/24 Bendix Chamber - RH	1 Chamber for INTRAAX AAT / AANT	1
S-33417-U	Type 18/24 Bendix Chamber - Unhanded	1 Chamber for INTRAAX AAL, AAEDT and AAEDL	2

ROTOR AND ATTACHMENT HARDWARE

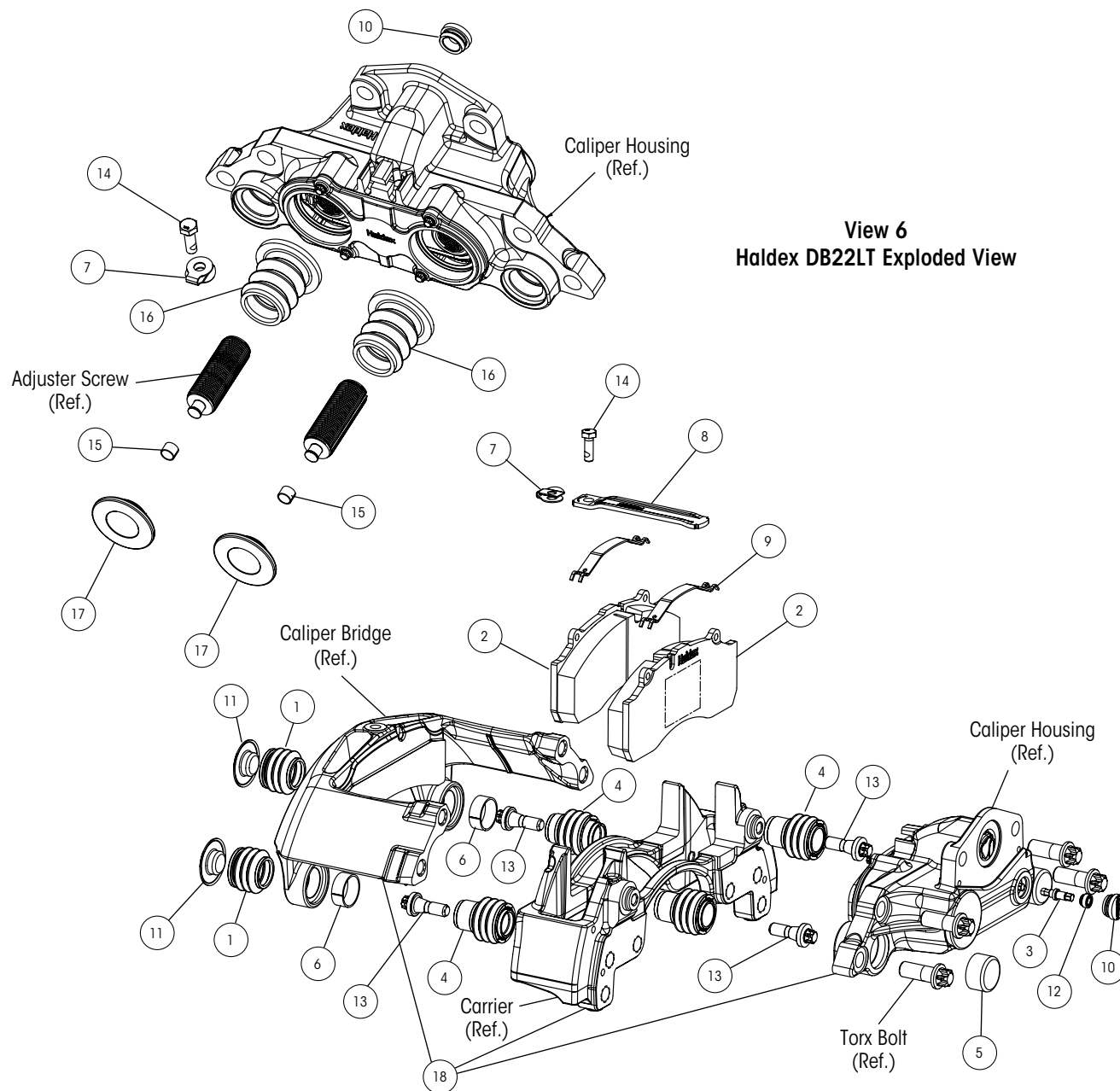
PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-29152-17	Knorr Bendix Splined 430mm Rotor	1 Splined Rotor Includes Fasteners	2
S-32193	Knorr Bendix Cast 430mm Rotor	1 U-shaped Rotor. See Fasteners Below.	2
S-35210-1	Inch Fasteners for U-shaped Rotor	20 Bolts and 20 Washers	1
S-35210-2	Inch Fasteners for U-shaped Rotor	10 Bolts and 10 Washers	2
S-36661-1	ConMet Flat Rotor	1 Flat Rotor, 10 Bolts and 10 Washers	2
S-29152-18	Knorr Bendix Splined Rotor Fastener Kit	1 Knorr Bendix Fastener Kit	2

* Hendrickson does not recommend reusing bolts, please replace fasteners.

DUST SHIELD KIT

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
CLAMP-ON			
S-28570-4350	Dust Shield for 5" Axle for 430mm Rotor	1 Dust Shield and 1 Band Clamp	2
S-28570-4357	Dust Shield for 5.75" LDA Axle for 430mm Rotor	1 Dust Shield and 1 Band Clamp	2
BOLT-ON			
S-36224-1	Dust Shield for 5" and 5.75" LDA Axle for 430mm Rotor	1 Dust Shield	2
S-36224-4430	Dust Shield for 5" and 5.75" LDA Axle for 430mm Rotor	1 Dust Shield and Hardware	2

AIR DISC BRAKE KIT – HALDEX DB22LT



PARTS DETAIL – HALDEX DB22LT *(See View 6 for Image)*

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	Protection Boots	10	Plug
2	Pad	11	Protection Cap
3	Adjustment Shaft	12	Radial Seal
4	Slide Pin	13	Slide Pin Attaching Bolt
5	Protection Cup	14	Bolt
6	Slide Bushing	15	Bushing
7	Locking Tab	16	Protection Boot
8	Pad Retainer	17	Thrust Plate
9	Pad Spring	18	Caliper Assembly

**AIR DISC BRAKE COMPONENTS – HALDEX DB22LT** *(See View 6 for Image)*

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-30560-1	Special Assembly Tool Kit	1 Special Assembly Tool Kit	N/A
S-30560-8	Brake Pad Kit D22LT (Air Disc Only)	2 Pads, 1 Locking Tab, 2 Pad Springs, 1 Plug, 1 Bolt	2
S-35097-1	Caliper / Carrier Assembly	1 Caliper, 1 Carrier and Mounting Hardware	2
S-30560-10	Caliper (DB22LT)	1 Caliper Assembly	2
S-30560-12	Pad Retainer Kit	1 Locking Tab, 1 Pad Retainer, 2 Pad Springs, 1 Bolt	2
S-30560-13	Adjustment Shaft Repair Kit	1 Adjustment Shaft, 1 Plug, 1 Radial Seal	2

AIR DISC BRAKE COMPONENTS – HALDEX DB22LD

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-30674	Brake Pad Kit (D22LD Air Disc Only)	2 Pads, 1 Locking Tab, 2 Pad Springs, 1 Bolt, 1 Plug	2

AIR CHAMBER

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
Order Direct from Haldex	Type 20/30 Haldex Chamber - LH	1 Chamber for INTRAAX® AAT / AANT	1
	Type 20/30 Haldex Chamber - RH	1 Chamber for INTRAAX AAT / AANT	1
	Type 20/30 Haldex Chamber - Unhanded	1 Chamber for INTRAAX AAL, AAEDT and AAEDL	2

ROTOR AND ATTACHMENT HARDWARE

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-34172	Hendrickson Cast 430mm Rotor	1 U-shaped Rotor, 10 Bolts and 10 Washers	2
S-35210-3	Metric Fasteners for Cast Rotor	20 Bolts and 20 Washers	1
S-35210-4	Metric Fasteners for Cast Rotor	10 Bolts and 10 Washers	2

* Hendrickson does not recommend reusing bolts, please replace fasteners.

DUST SHIELD KIT

PART NO.	DESCRIPTION	CONTAINS	QUANTITY PER AXLE
S-28570-4350	Band Clamp Style Dust Shield for 5" Axle	1 Dust Shield and 1 Band Clamp	2
S-28570-4357	Band Clamp Style Dust Shield for 5.75" LDA Axle	1 Dust Shield and 1 Band Clamp	2



NOTES:

Handwritten notes area consisting of multiple horizontal lines for text entry.



AIR DISC BRAKES PARTS LIST

[illegible]

Call Hendrickson at **330.489.0045** or **866.RIDEAIR (743.3247)** for additional information.



www.hendrickson-intl.com

TRAILER COMMERCIAL VEHICLE SYSTEMS

2070 Industrial Place SE
Canton, OH 44707-2641 USA
866.RIDEAIR (743.3247)
330.489.0045 • Fax 800.696.4416

Hendrickson Canada

250 Chrysler Drive, Unit #3
Brampton, ON Canada L6S 6B6
800.668.5360
905.789.1030 • Fax 905.789.1033

Hendrickson Mexicana

Circuito El Marqués Sur #29
Parque Industrial El Marqués
Pob. El Colorado, Municipio El Marqués,
Querétaro, México C.P. 76246
+52 (442) 296.3600 • Fax +52 (442) 296.3601