

Date: January 31, 2023

## Subject: Changes to 3,500–3,700 lbs. Axles with Disc Brakes and Vortex™ Integral Hub & Rotors

Dexter is making a significant change to the 3,500–3,700 lbs. integral disc brakes installed on axles produced at Dexter's Atlanta facility utilizing Vortex™ integral hub & rotors. Leaf spring axles and Eliminator™ torsion axles produced mid-January 2023 and after will be manufactured using the same disc brakes Dexter has been using on axles manufactured across Dexter's other facilities including San Marcos, California and Winchester, Tennessee.

Hubface, spring centers, and Eliminator torsion bracket distance dimensions will not be affected by this change maintaining the overhang requirements thus allowing the new service replacement parts to be used on axles manufactured prior to mid-January 2023.

Hubs & rotors used mid-January 2023 and later will have a zinc based coated hub & rotor that surpasses 500 hours of salt spray testing per the ASTM B117 standard and the caliper housings are aluminum. This matches or exceeds the materials used on axles mid-January 2023 or before.

The disc brake components (caliper, caliper mounting bracket, and integral hub & rotor) are not interchangeable and will need to be replaced as complete units.



### IDENTIFICATION:

Axle part numbers will change. To assist with identifying and converting to the axle new part number, the majority of the old axle part number will be retained. The axle part number is printed on a label attached to every axle.

Example:

- » Axle part number mid-January or prior **G-46390XJ**
- » Axle part number mid-January or later with new-style components **G-46390XUJ** - a "U" is added to the part number to signify the disc brake type the axle is built with.

If the axle tag is missing or illegible, please refer to the pictures in the charts in this product bulletin to visually identify the appropriate disc brake components.

CALIPER USED ON AXLES MANUFACTURED PRIOR TO MID-JANUARY 2023	CALIPER USED ON AXLES MANUFACTURED MID-JANUARY 2023 OR LATER
	
<p>089-501-02 (43604A) Caliper (Part number circled above in red)</p>	<p>089-235 Caliper Series (Part number circled above in red)</p>



# PRODUCT BULLETIN #473


## SERVICE PART LISTING - FOR AXLES MANUFACTURED PRIOR TO MID-JANUARY 2023


COMPONENT DESCRIPTION	PRIOR OEM PART NUMBER	CURRENT OEM PART NUMBER	PRIOR RETAIL KIT PART NUMBER	CURRENT RETAIL KIT PART NUMBER
<b>CALIPER COMPONENTS</b>				
Caliper - Aluminum, Universal LH or RH	46304A	089-501-02	N/A	N/A
Caliper Mounting Bracket	44621XT	090-44681XT	N/A	N/A
Banjo Bolt	11338	007-691-00	N/A	N/A
Banjo Fitting - w/ O-Ring Groove	11348	034-415-00	N/A	N/A
Banjo Fitting Copper Crush Washer	11339	005-641-00	N/A	N/A
Banjo Fitting O-Ring	17473	010-436-00	N/A	N/A
<b>HUB &amp; ROTOR COMPONENTS</b>				
Hub & Rotor, Integral, Vortex, GALV-XL Coated	6845TVX	008-46845TVX	N/A	N/A
Vortex Cap - 3.5K-4.2K	48355BV	021-261-01	81143	K71-G01-73
Grease Seal, Triple Lip, 1.72 ID x 2.57" OD	11088	010-11088	81313	K71-G01-80
Vortex Inner Dust Shield	45032	021-45032	N/A	N/A
Inner Bearing - L68149	11060	031-033-02	81308	K71-G00-11
Outer Bearing - L44649	11054	031-031-02	81304	K71-G00-09


## SERVICE PART LISTING - FOR AXLES MANUFACTURED MID-JANUARY 2023 OR LATER


COMPONENT DESCRIPTION	OEM PART NUMBER	RETAIL KIT PART NUMBER
<b>CALIPER COMPONENTS</b>		
Caliper - Aluminum, LH or RH Caliper Mounting Bracket Included	089-235-27 LH 089-235-28 RH	K71-776-01 LH K71-776-02 RH
Banjo Bolt	007-307-00	N/A
Banjo Fitting - Uses 2 Copper Crush Washers	034-323-00	N/A
Banjo Fitting Copper Crush Washer - 2 Required	005-189-00	N/A
<b>HUB &amp; ROTOR COMPONENTS</b>		
Hub & Rotor, Integral, Vortex, GALV-XL Coated	008-442-28	N/A
Vortex Cap - 3.5K-4.2K	021-261-01	K71-G01-73
Grease Seal, Triple Lip, 1.72 ID x 2.57" OD	010-11088	K71-G01-80
Vortex Inner Dust Shield	021-45032	N/A
Inner Bearing - L68149	031-033-02	K71-G00-11
Outer Bearing - L44649	031-031-02	K71-G00-09

## RETAIL SERVICE KITS OVERVIEW FROM ABOVE CHARTS

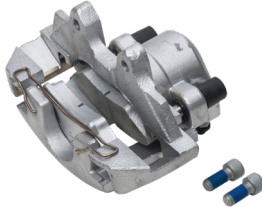
	<b>K71-G01-73</b>			
	UPC: 876983010332 Master Packs Contain (5) K71-G01-73 Kits Vortex Grease Cap Kit - Fits 2.5K-4.2K Vortex Idler Hubs and Vortex Hub & Rotors			
	PART NUMBER	OLD PART NUMBER	QTY.	DESCRIPTION
021-261-01	48355BV	2	Vortex Grease Cap - Fits 2.5K-4.2K Hubs	

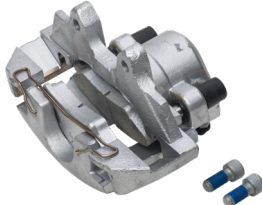
	<b>K71-G01-80</b>			
	UPC: 876983010837 Master Packs Contain (12) K71-G01-80 Kits Grease Seal Kit, Triple Lip, Fits 3.5K-4.2K Hubs, 1.72" ID x 2.57" OD			
	PART NUMBER	OLD PART NUMBER	QTY.	DESCRIPTION
010-11088	11088	2	Grease Seal, Triple Lip, Fits 3.5K-4.2K Hubs, 1.72" ID x 2.57" OD	

	<b>K71-G00-11</b>			
	UPC: 876983010783 Master Packs Contain (12) K71-G00-11 Kits Bearing Cone Kit, Fits 3.5K-4.2K Hubs			
	PART NUMBER	OLD PART NUMBER	QTY.	DESCRIPTION
031-033-02	11060	2	Bearing Cone L68149, 1.375" Bore	

	<b>K71-G00-09</b>			
	UPC: 876983010745 Master Packs Contain (12) K71-G00-09 Kits Bearing Cone Kit, Fits 2K-3.7K Hubs			
	PART NUMBER	OLD PART NUMBER	QTY.	DESCRIPTION
031-031-02	11054	2	Bearing Cone L44649, 1.063" Bore	

## RETAIL SERVICE KITS OVERVIEW FROM ABOVE CHARTS - CONTINUED

	<b>K71-776-01</b>		
	UPC: 876983005826 Disc Brake Caliper Kit, LH - Fits Many Dexter Axles		
	PART NUMBER	QTY.	DESCRIPTION
	089-235-27	1	Caliper, Aluminum, LH
	007-303-00	2	Mounting Bolts

	<b>K71-776-02</b>		
	UPC: 876983005833 Disc Brake Caliper Kit, RH - Fits Many Dexter Axles		
	PART NUMBER	QTY.	DESCRIPTION
	089-235-28	1	Caliper, Aluminum, RH
	007-303-00	2	Mounting Bolts

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



Jay Klinkerman  
Product Manager