

# MERITOR® OFF-HIGHWAY AXLE



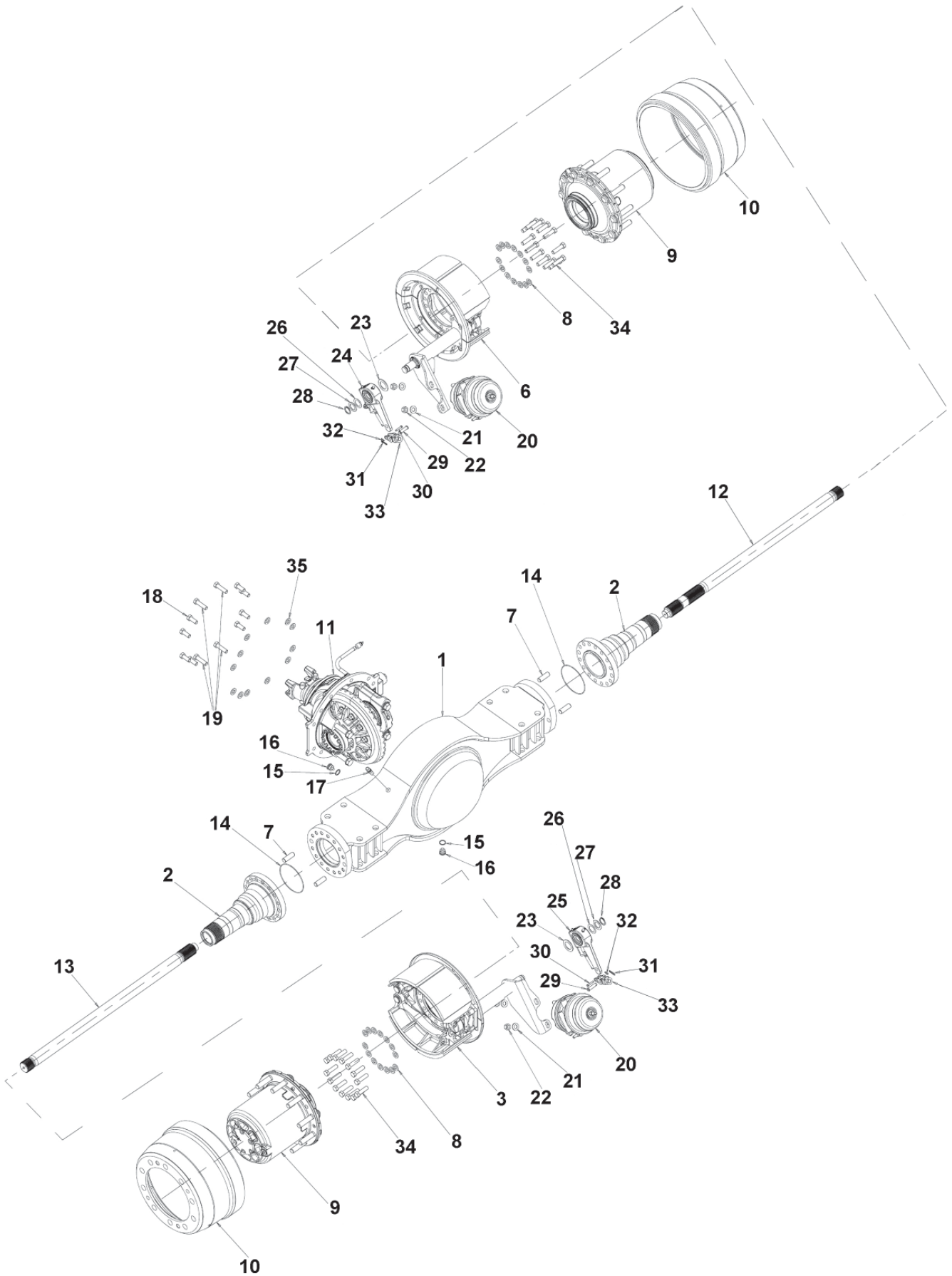
**AFTERMARKET OFF-HIGHWAY  
MORH2P032DS4005-1227**



**MERITOR**

PB-12109

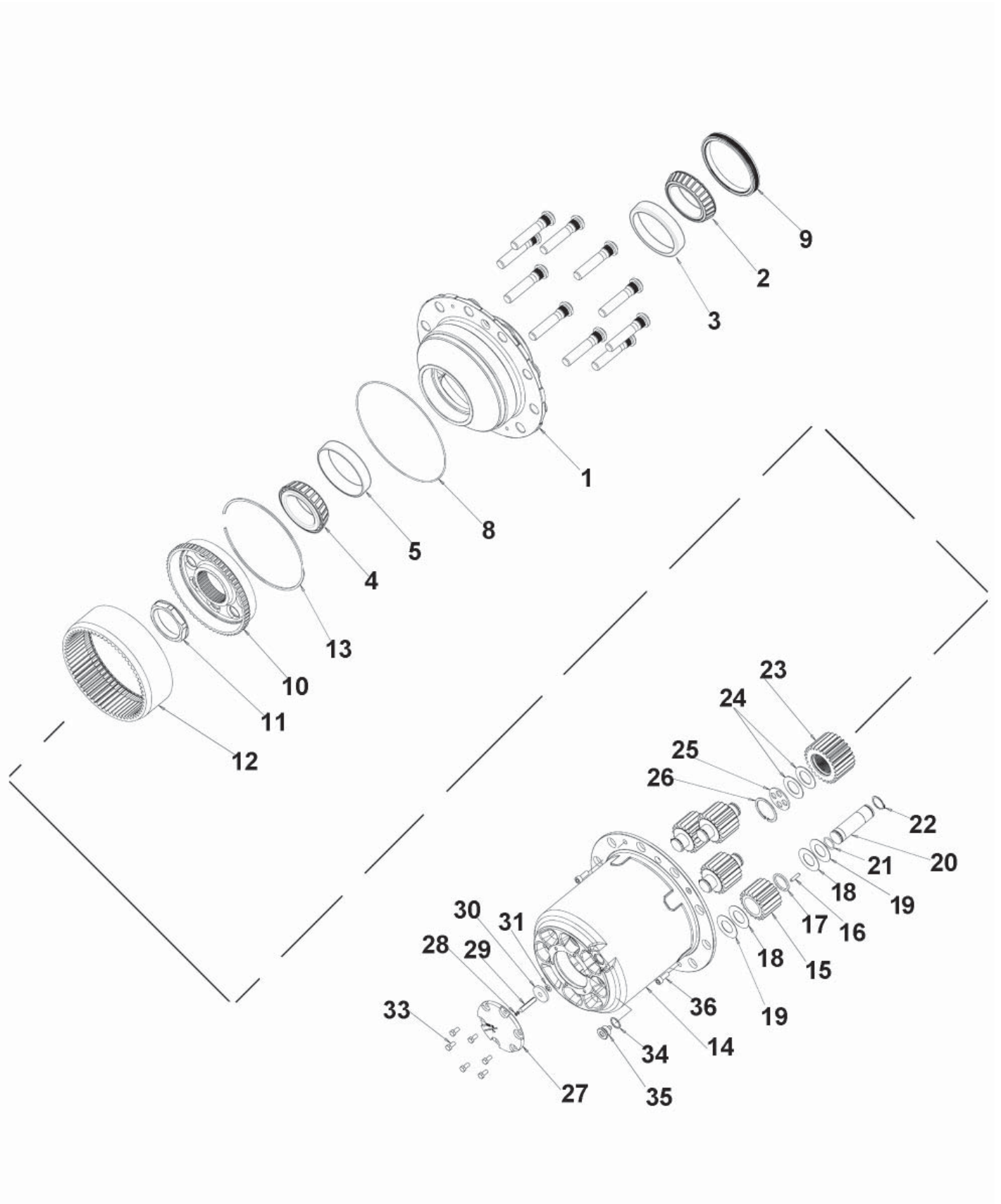
# AXLE EXPLODED VIEW



# AXLE COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY (PER AXLE)	REMARKS
1	3201-G-9549	Housing	1	
2	3213-X-2182	Spindle	2	
3 & 6	BG-1657-4722	Brake Assembly w/Chamber	1	
3 & 6	BG-1657-4721	Brake Assembly w/Chamber	1	
7	1246-T-1268	Dowel	4	
8	1229-W-1557	Hardened Washer	28	
9	A3-333-Z-4602	Wheel End Assembly	2	See Wheel Hub For Details
10	'03123698	Drum	2	
11	A1-3200-G-2217 355	Carrier Assembly	1	
12	3802-S-2125	Axle Shaft	1	
13	3802-R-2124	Axle Shaft	1	
14	5-X-1371	Spindle O-Ring	2	
15	949329	Plug Gasket	2	
16	981281	Magnetic Fill Plug	2	
17	KIT 2902	Breather	1	
18	MS216050N-2	Carrier to Housing Bolts	8	40mm
19	MS216070N-2	Carrier to Housing Bolts	4	60mm
20	E21-3276-D-30	Brake Chamber	2	
21	1229-N-1626	Flat Washer	4	
22	N310 1	Nut	4	
23	1229-S-2697	Flat Washer	2	
24 & 25	R803203	Slack Adjuster	1	
24 & 25	R803202	Slack Adjuster	1	
26	1229-N-4590	Shim	4	
27	1229-J-3130	Shim	4	
28	1229-D-2942	Snap Ring	2	
29	19-X-1116	Large Clevis Pin	2	
30	19-X-127	Small Clevis Pin	2	
31	2257-D-1174	Large Clip	2	
32	2257-C-1173	Small Clip	2	
33	1245-Z-1066	Clevis	2	
34	MS216060A-2	Brake Spider to Housing Bolts	28	
35	MWA-516	Flat Washer	12	

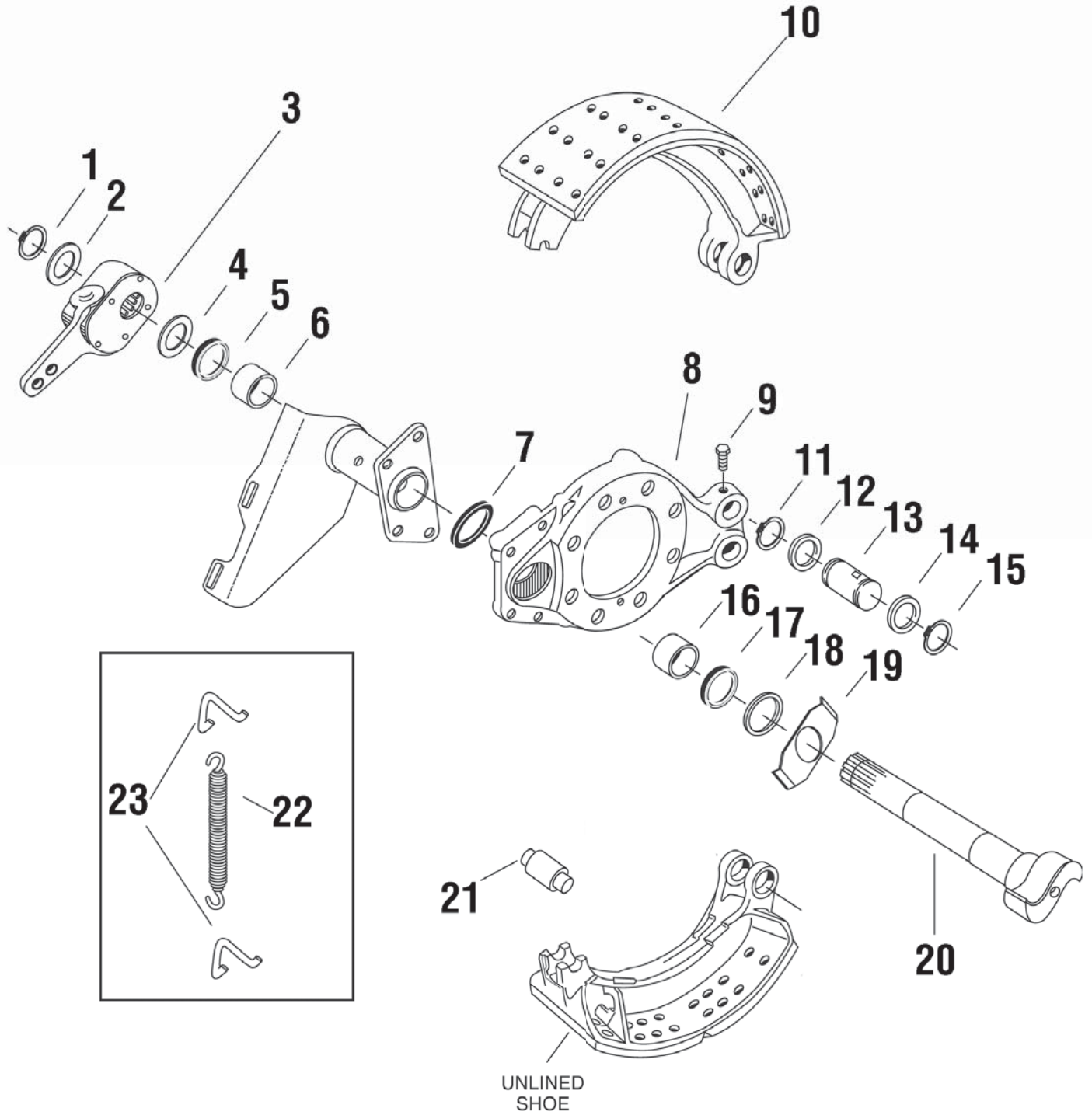
# WHEEL END VIEW



# WHEEL END COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY (PER AXLE)		REMARKS
1	A1-333-Z-4602	Hub and Stud Assembly	2		
2	HM-220149	Inner Bearing Cone	2		99.975mm ID
3	HM-220110	Inner Bearing Cup	2		156.975mm OD
4	6580	Outer Bearing Cone	2		
5	6535	Outer Bearing Cup	2		
8	982108	O-Ring	2		248mm ID x 3mm
9	A-1205-P-2798	Oil Seal	2		
10	3191997	Ring Gear Carrier	2		
11	1227-S-1735	Nut	2		M80 x 2
12	1522380	Ring Gear	2		
13	1522392	Snap Ring	2		
14	A-3298-H-1230	Loaded Planetary Housing	2		
15-22	KIT 6352	Pinion - Planetary, Assembly			
15	1522381	Planet Gear	4		
16	1522387	Needle Bearings	152		28mm x 6.5mm
17	1522388	Spacer Sleeve	4		
18	1522389	Washer, Steel	8		
19	1522390	Washer, Brass	8		
20	1522386	Bearing Spindle	4		
21	949721	O-Ring	4		26.2mm ID x 3mm
22	914463	Snap Ring	4		
23	3892-A-5981	Sun Gear	2		
24	1673500	Spring Washer	4		
25	1522393	Thrust Washer	2		
26	914532	Retaining Ring	2		
27	3262-G-1437	Hub Cap Cover	2		
28	955891	Shim	As Required		0.8mm
29	1523115	Pin	As Required		52mm
29	1523116	Pin	As Required		56mm
30	2297-W-8733	Magnet	2		
31	967581	Clip	2		10mm ID
33	10-X-1783	Hub Cover Bolt	12		M8 x 1.25 -16mm
34	949329	Plug Gasket	2		
35	981281	Oil Fill Plug	2		M24 x 1.5
36	959238	Hub Case Bolt	4		M10 x 1.5 - 25mm

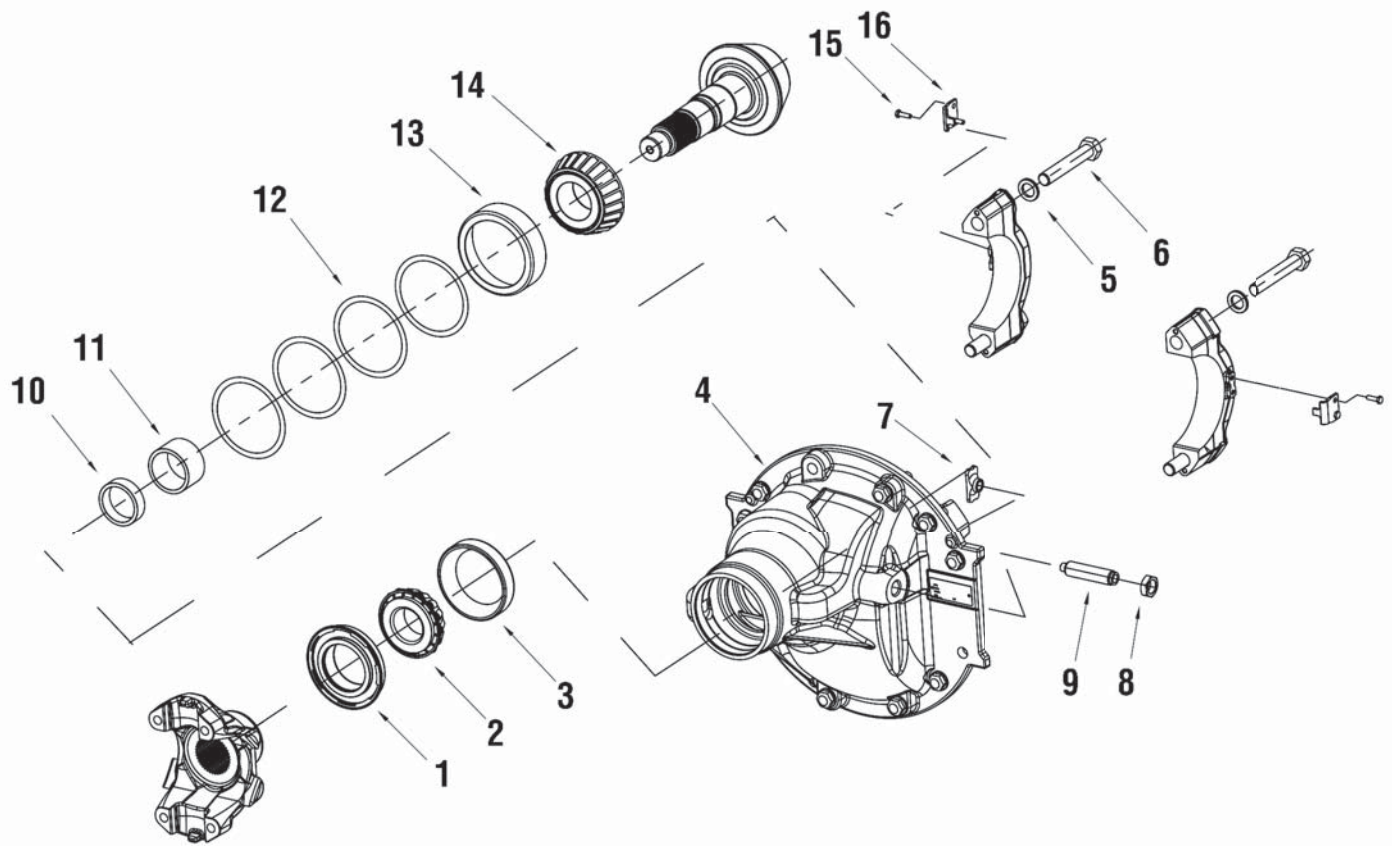
# BRAKE VIEW



# BRAKE COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY (PER AXLE)	REMARKS
1	1229-D-2942	Snap Ring	5	
2	1229-S-2697	Washer	1	
3	R803203	Slack Adjuster	1	For BG-1657-4722
3	R803202	Slack Adjuster	1	For BG-1657-4721
4	1229-S-2697	Washer	1	
5	A-1205-V-1556	Seal And O-Ring	1	
6	1225-L-1208	Bushings	1	
7	1205-G-761	O-Ring	1	
8	A-3211-P-3604	Spider Assembly	1	
9	S-264B	Capscrew	6	
10	KSR4034515PC	Shoe & Lining Kit	2	
11	1229-X-1116	Snap Ring	1	
12	A-1205-S-1943	Seal And O-Ring	1	
13	1259-N-1132	Pin Anchor	2	
14	A-1205-S-1943	Seal And O-Ring	1	
15	1229-X-1116	Snap Ring	1	
16	1225-L-1208	Bushings	1	
17	A-1205-V-1556	Seal And O-Ring	1	
18	1229-S-2697	Washer	1	
19	1229-N-4590	Flat Washer	2	
20	2210-R-8806	Camshaft	1	For BG-1657-4722
20	2210-S-8807	Camshaft	1	For BG-1657-4721
21	1199-U-3765	Roller Shoe Brake	2	
22	2258-R-590	Spring Return	1	
23	1218-C-107	Spring & Hook	1	
	N94-3299-U-1555	Brake Chamber	1	For BG-1657-4722
	N94-3299-T-1554	Brake Chamber	1	For BG-1657-4721

# CARRIER ASSEMBLY

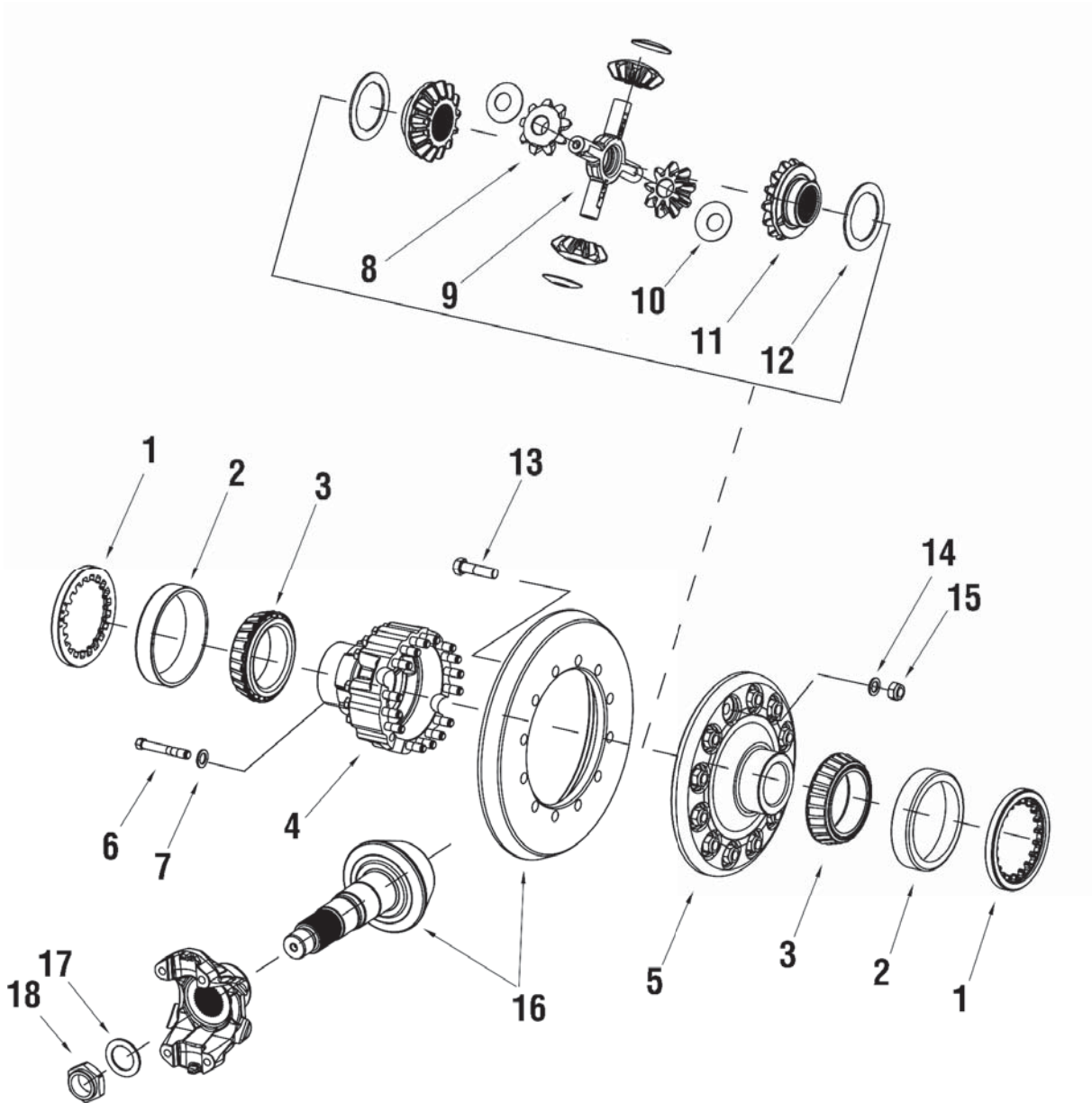




# CARRIER COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY (PER AXLE)	REMARKS
1	A1-1205-Z-2730	Oil Seal	1	
2	A1-1228G605	Bearing Cone - Outer Pinion	1	
3	1228-F-604	Bearing Cup - Outer Pinion	1	
4	A2-3200G2217	Carrier and Cap	1	
5	42X-1021	Washer	4	
6	MS220120-1	Bolt	4	
7	2297-P-8336	Thurst Block	1	
8	40X-1016	Jam Nut	1	
9	10X-1710	Thrust Screw	1	
10	KIT 2541	Kit - Pinion Bearing Spacers	1	
	1244-M2-431	Spacer - Pinion Bearing	2	9.40mm/.370 inch
	1244-N-2432	Spacer - Pinion Bearing	2	9.43mm/.371 inch
	1244-P-2434	Spacer - Pinion Bearing	2	9.45mm/.372 inch
	1244-Q-2435	Spacer - Pinion Bearing	2	9.48mm/.373 inch
	1244-R-2436	Spacer - Pinion Bearing	2	9.50mm/.374 inch
	1244-S-2437	Spacer - Pinion Bearing	2	9.60mm/.378 inch
	1244-T-2438	Spacer - Pinion Bearing	2	9.70mm/.382 inch
	1244-U-2439	Spacer - Pinion Bearing	2	9.80mm/.386 inch
	1244-V-2440	Spacer - Pinion Bearing	2	9.90mm/.390 inch
	1244-W-2441	Spacer - Pinion Bearing	2	10.00mm/.394 inch
	1244-X-2442	Spacer - Pinion Bearing	2	10.10mm/.398 inch
	1244-Y-2443	Spacer - Pinion Bearing	2	10.20mm/.402 inch
	1244-Z-2444	Spacer - Pinion Bearing	2	10.23mm/.403 inch
	1244-A-2445	Spacer - Pinion Bearing	2	10.25mm/.404 inch
	1244-B-2446	Spacer - Pinion Bearing	2	10.28mm/.405 inch
	1244-C-2447	Spacer - Pinion Bearing	2	10.30mm/.406 inch
11	1244-F-2346	Spacer - Inner Pinion Bearing	1	
12	KIT 1647	Kit - Shims - Pinion Bearing	1	
	2203-F-2788	Shim	3	.076mm/.003 inch
	2203-G-2789	Shim	2	.127mm/.005 inch
	2203-H-2790	Shim	4	.254mm/.010 inch
13	1228-Z-1716	Bearing Cup - Inner Pinion	1	
14	A-1228A1717	Bearing Cone - Inner Pinion	2	
15	41X-1669	Screw - Diff Adjusting Ring Lock	2	
16	1220-P-1108	Lock - Diff Adjusting Ring	4	

# CARRIER ASSEMBLY



# CARRIER DIFF COMPONENTS

ITEM	PART NUMBER	DESCRIPTION	QTY (PER AXLE)	REMARKS
<b>Diff Components</b>				
1	2214-G-1255	Adjusting Ring - Main Diff	2	
2	1228-Q-1473	Bearing Cup - Main Diff	2	
3	A-1228-R-1474	Bearing Cone - Main Diff	2	
<b>Diff Case Assemblies</b>				
4-12	A1-3235-E-2787	Main Diff Assembly	1	3.42-411
4-7	A-3235-E-2787	Diff Case Assembly	1	3.42-411
4	3235-J-2792	Diff Case - Plain Half	1	All
5	3235-E-2787	Diff Case - Flange Half	1	3.42-411
6-7	KIT 2819	Kit - Diff Case Bolts	1	All
6	41X-1327	Bolt - Diff Case	16	
7	1229-D-4632	Washer - Diff Case	16	
<b>Main Diff Components</b>				
8-12	KIT 4778	Kit - Main Diff	1	
8	1229-Q-5087	Thrust Washer - Main Diff Side Gear	2	
9	2234-G-1437	Side Gear - Main Diff	2	
10	1229-R-1032	Thrust Washer - Main Diff Pinion	4	
11	3278-S-305	Spider - Main Diff	1	
12	2234-J-1024	Pinion Gears - Main Diff	4	
13-15	KIT 2317	Kit - Bolt Kit - Diff Case to Gear	1	
13	41X-1216	Bolt	12	
14	1229-U-1503	Washer	12	
15	40X-1182	Nut	12	
16	A-42204-1R-355	Gear Set	1	
	KIT 2637	Kit - Pinion Nut and Washer	1	
17	1229-T-1736	Pinion Washer	1	
18	40X-1237	Pinion Nut	1	



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