AIRLOCKER ARB

AIR OPERATED LOCKING DIFFERENTIAL

RD262 SPRINTER 2006+,30 SPLINE, REAR

PARTS LIST

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	FLANGE CAP KIT	027359SP	
02	1	BONDED SEAL	160702SP	
03	1	CLUTCH GEAR & WAVESPRING KIT	050906SP	
04	1	WAVESPRING	150706SP	
05	1	SPLINED SIDE GEAR	SEE NOTE	2
06	2	SHORT CROSS SHAFT	060403SP	
07	4	PINION GEAR	SEE NOTE	2
08	4	PINION THRUST WASHER	SEE NOTE	3
09	1	SIDE GEAR	SEE NOTE	2
10	2	SIDE GEAR THRUST WASHER	SEE NOTE	3
11	1	DIFFERENTIAL CASE	013059SP	
12	1	COUNTERSUNK SCREW (PK OF 2)	200213SP	
13	1	RETAINING PIN SET (PK OF 4)	120601SP	
14	2	TAPERED ROLLER BEARING	NOT SUPPLIED	
15	1	OE MASTER SHIM	NOT SUPPLIED	
16	1	SEAL HOUSING O-RINGS (PK OF 2)	160248-2	1
17	1	SEAL HOUSING KIT	081832SP	
18	1	SHIM KIT	SHK005	
19	1	LONG CROSS SHAFT	060204SP	
20	1	SPIDER BLOCK	070203SP	
*	1	BULKHEAD FITTING (BANJO TYPE)	170114	
*	1	AIR LINE (6mm DIA X 6m LONG)	170314SP	
*	1	SOLENOID VALVE (12V)	180103	
*	1	SWITCH|RR LOCKER	180224SP	
*	1	CABLE TIE (PK OF 25)	180305	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102262	

* *Not illustrated in exploded view*

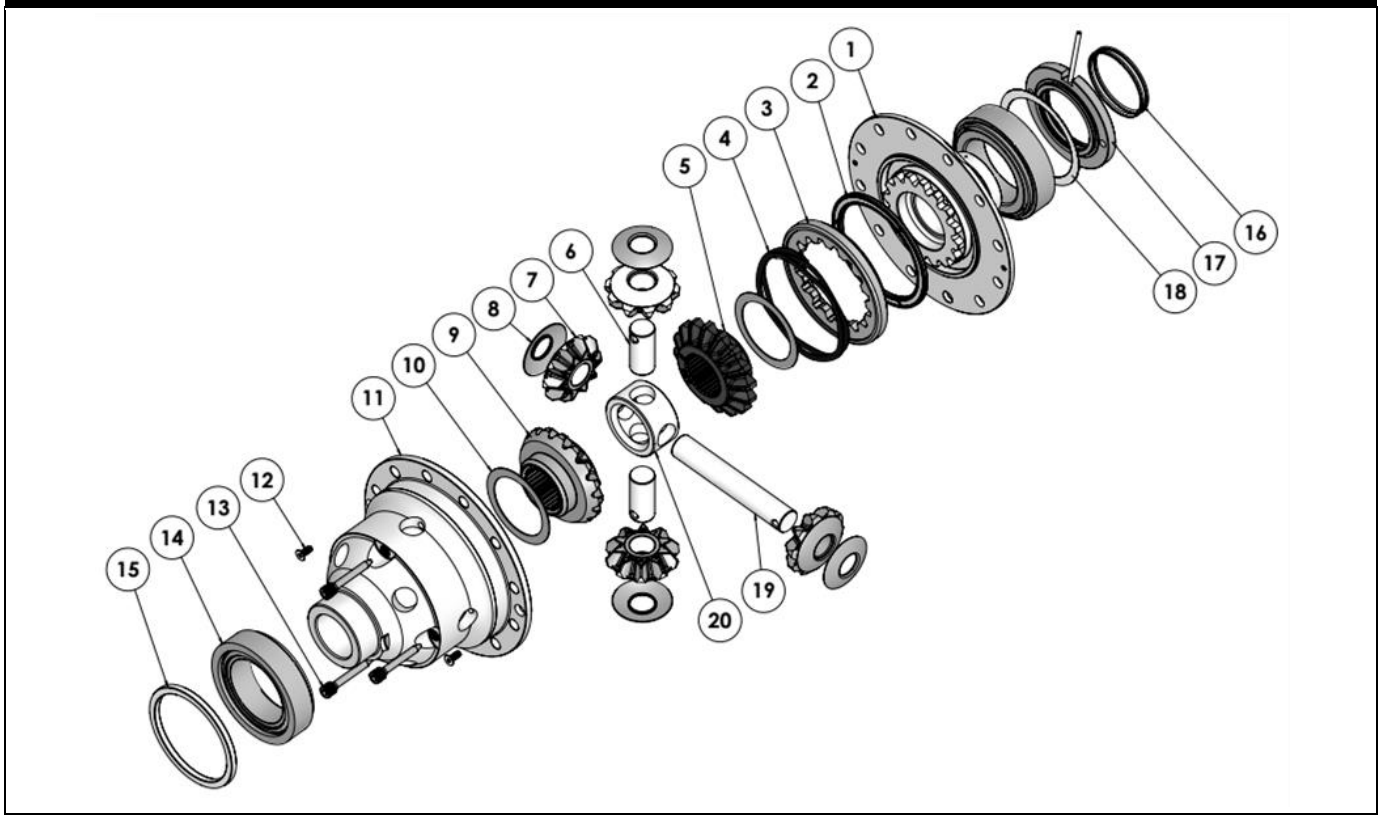
NOTES

1 For replacement O-rings use only BS140 Viton 75
2 Available only as complete 6 gear set # 728H361
3 Available only as complete thrust washer kit #730H03

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EXPLODED DIAGRAM



SPECIFICATIONS

Axle Spline	**30 tooth, Ø39.6mm [1.56”]**
Ratio Supported	**All**
Ring Gear ID	**147.0mm [5.79”]**
Ring Gear OD	**245mm [9.65”]**
Ring Gear Bolts Size	**10mm**
Ring Gear Bolts	**12 bolts on Ø162.5mm [6.40”]**
Ring Gear Torque	**110Nm [81 ft-lb]**
Backlash	**0.15-0.20mm [0.006-0.008”]**
Bearing Cap Torque	**81Nm [60 ft-lb]**

Note: **1.** As the vehicle has a non-removable/welded ring gear (crown wheel), a ring and pinion set suited to this Air Locker model is required for all installations and is available through two channels.

Internationally (not USA)
ARB Part Number:
0740303 - MB SPR.W906 11x46-ring & pinion ratio 4.181 with bolts (12 required)
0740304 - MB SPR.W906 11x48-ring & pinion ratio 4.363 with bolts (12 required)
0740305 - MB SPR.W906 11x52-ring & pinion ratio 4.727 with bolts (12 required)
0740301 - MB SPR.W906 13x48-ring & pinion ratio 3.692 with bolts (12 required)
0740302 - MB SPR.W906 13x51-ring & pinion ratio 3.923 with bolts (12 required)

USA
Contact AgileOffRoad.com (North America)

2. A crush sleeve (equivalent Mercedes part no. 9063530053) is supplied with all gear sets and is required when the ring gear is installed on a W907 Sprinter.

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