

**RD123**

Mazda 8",RR,shim adjusted

### PARTS LIST

ITEM #	QTY	DESCRIPTION	PART #	NOTES
1	1	FLANGE CAP KIT	028508SP	
2	1	BONDED SEAL	160701SP	
3	1	CLUTCH GEAR & WAVESPRING KIT	050903SP	
4	1	WAVESPRING	150702SP	
5	1	SPIDER BLOCK	070503SP	
6	1	THRUST BLOCK	110505SP	
*	1	THRUST BLOCK	110508SP	
7	2	SIDE GEAR THRUST WASHER	SEE NOTE	3
8	1	DIFFERENTIAL CASE	013108SP	
9	1	TAPERED ROLLER BEARING	NOT SUPPLIED	
10	1	SHIM KIT	SHK008	
11	1	SEAL HOUSING KIT	081804SP	
12	1	SEAL HOUSING O-RINGS (PK OF 2)	160235SP	1
13	1	TAPERED ROLLER BEARING	NOT SUPPLIED	
14	1	SPLINED SIDE GEAR	SEE NOTE	2
15	4	PINION THRUST WASHER	SEE NOTE	3
16	4	PINION GEAR	SEE NOTE	2
17	4	SHORT CROSS SHAFT	061402SP	
18	1	SIDE GEAR	SEE NOTE	2
19	1	COUNTERSUNK SCREW (PK OF 2)	200213SP	
20	1	RETAINING PIN SET (PK OF 4)	120601SP	
*	1	BULKHEAD FITTING KIT (BANJO TYPE)	170114	4
*	1	AIR LINE (6mm DIA X 6m LONG)	170314	4
*	1	SOLENOID VALVE (12V)	180103	
*	1	SWITCH	180209SP	
*	1	SWITCH COVER (REAR)	180211SP	
*	1	CABLE TIE (PK OF 25)	180305	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102123	

\* *Not illustrated in exploded view*

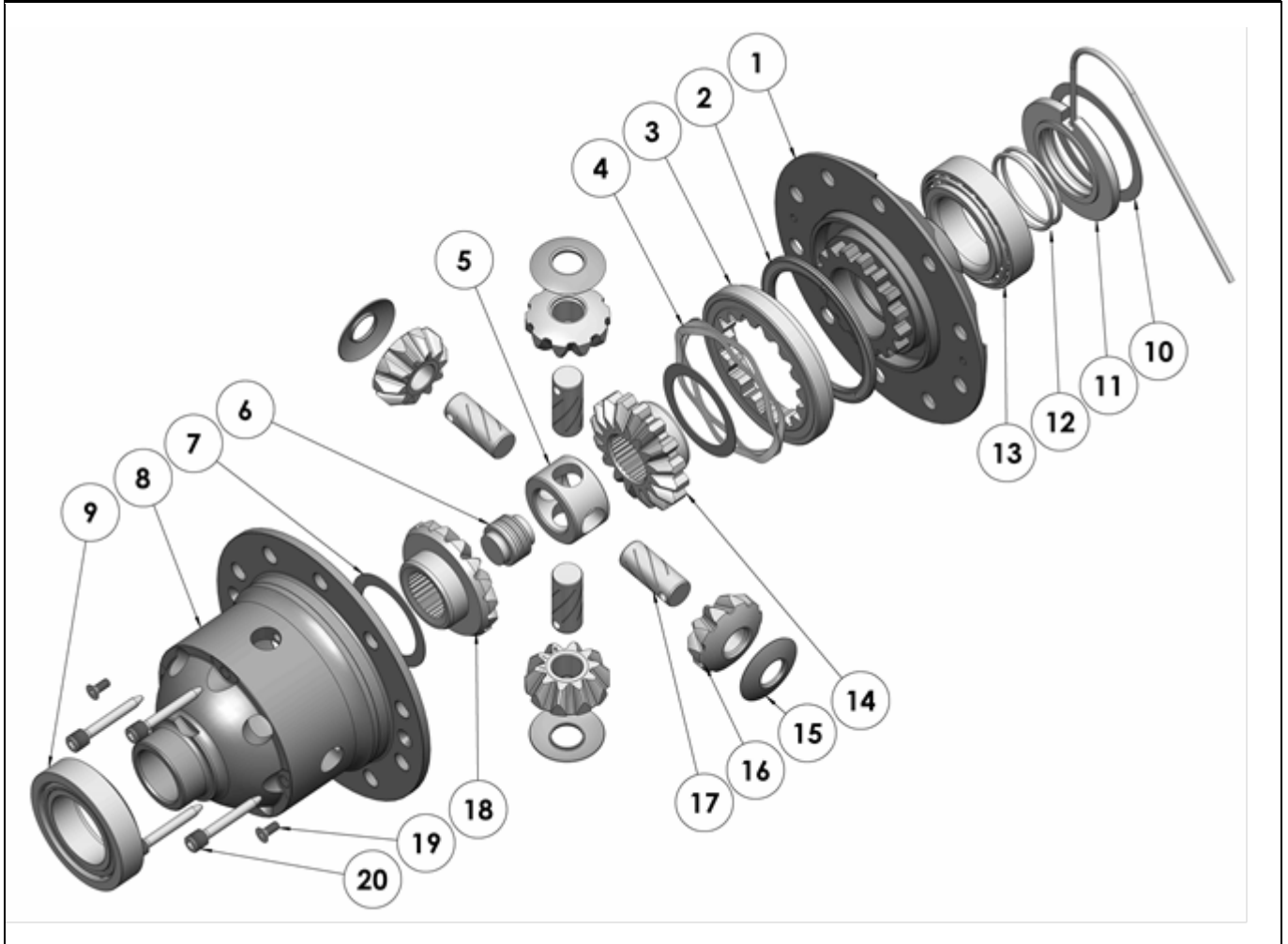
### NOTES

- 1 For replacement O-rings use only BS133 Viton 75.
- 2 Available only as complete 6 gear set # 728J061
- 3 Available only as complete thrust washer kit #730J01
- 4 All diffs produced before serial #17070001 came with 5mm air connection system. For information contact ARB.
- Not suitable for adjuster nut type third member.
- Newer shim type third member made by Dana Spicer will retrofit to older shafts and banjo.

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### EXPLODED DIAGRAM



### SPECIFICATIONS

Axle Spline	30 tooth
Ratio Supported	All
Ring Gear ID	121.3mm [4.77"]
Ring Gear OD	205.5mm [8.09"]
Ring Gear Bolts	10 bolts on Ø146.25 [5.75"]
Ring Gear Torque	95Nm [70 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	81Nm [60 ft-lb]

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