

**RD158**

Dana 50,30 SPL

### PARTS LIST

ITEM #	QTY	DESCRIPTION	PART #	NOTES
1	1	FLANGE CAP KIT	027336SP	
2	1	BONDED SEAL	160702SP	
3	1	CLUTCH GEAR & WAVESPRING KIT	050906SP	
4	2	SHORT CROSS SHAFT	060403SP	
5	1	SIDE GEAR	SEE NOTE	3
6	2	SIDE GEAR THRUST WASHER	SEE NOTE	4
7	1	COUNTERSUNK SCREW (PK OF 2)	200213SP	
8	1	RETAINING PIN SET (PK OF 4)	120601SP	
9	*	TAPERED ROLLER BEARING	NOT SUPPLIED	2
10	1	SEAL HOUSING KIT	081823SP	
11	1	SEAL HOUSING O-RINGS (PK OF 2)	160207SP	1
12	1	SHIM KIT	SHK009	
*	1	MASTER SHIM	150305	
13	1	WAVESPRING	150706SP	
14	1	SPLINED SIDE GEAR	SEE NOTE	3
15	1	LONG CROSS SHAFT	060204SP	
16	1	SPIDER BLOCK	070201SP	
17	4	PINION GEAR	SEE NOTE	3
18	4	PINION THRUST WASHER	SEE NOTE	4
19	1	DIFFERENTIAL CASE	013036SP	
*	1	BULKHEAD FITTING KIT (BANJO TYPE)	170114	5
*	1	AIR LINE (6mm DIA X 6m LONG)	170314	5
*	1	SOLENOID VALVE (12V)	180103	
*	1	SWITCH	180209SP	
*	1	SWITCH COVER (FRONT)	180210SP	
*	1	CABLE TIE (PK OF 25)	180305	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102158	

\* *Not illustrated in exploded view*

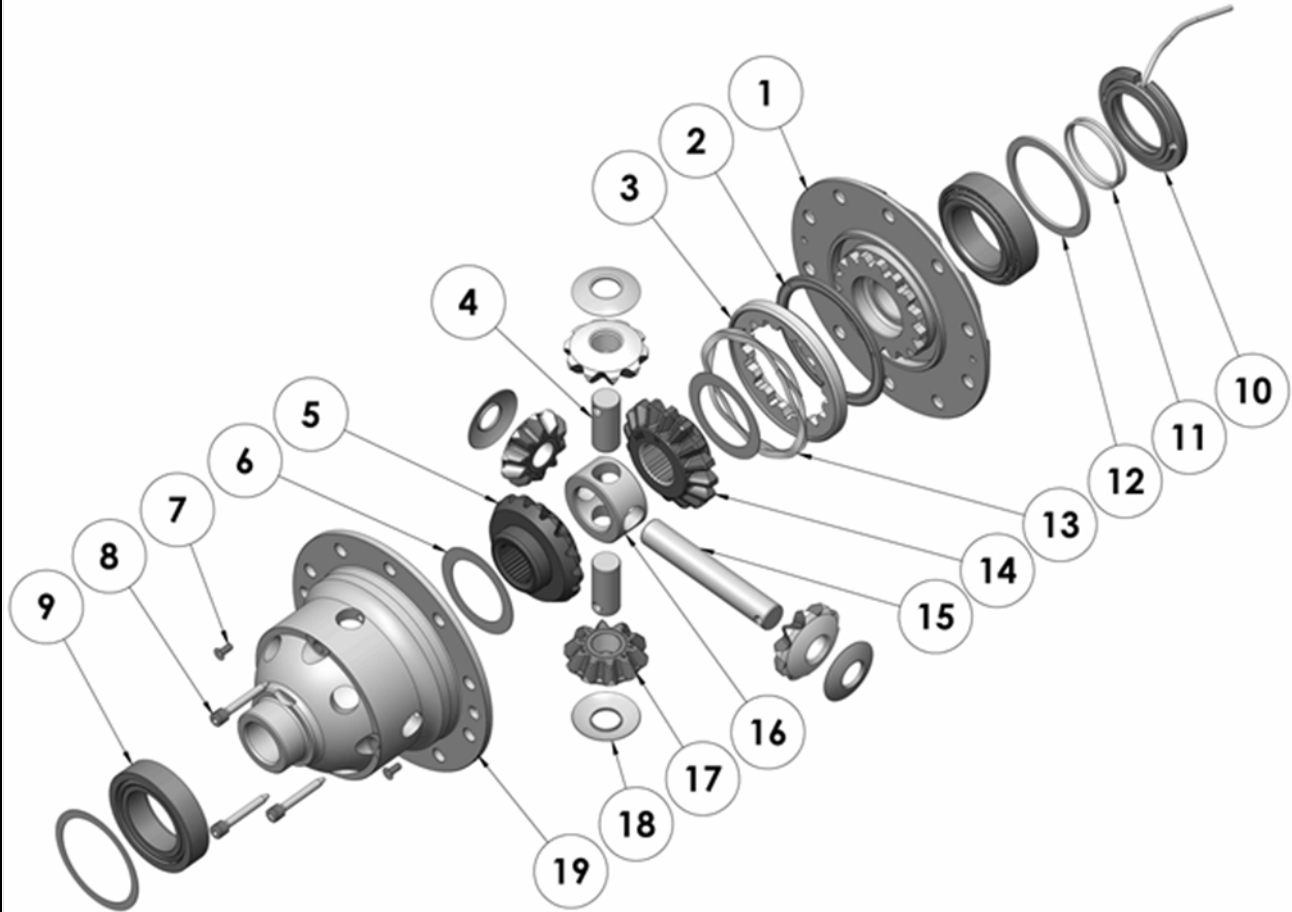
### NOTES

- 1 For replacement O-rings use only BS136 Viton 75.
- 2 For replacement bearing use Timken part # LM104948 / LM104911A
- 3 Available only as complete 6 gear set # 728H081
- 4 Available only as complete thrust washer kit #730H01
- 5 All diffs produced before serial #17070001 came with 5mm air connection system. For information contact ARB.
- For Ford IFS installation refer to tech note ([Section 5.12](#)) for alternative to C-clip use.

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### EXPLODED DIAGRAM



### SPECIFICATIONS

Axle Spline	30 tooth, Ø33.3mm [1.31"]
Ratio Supported	All
Ring Gear ID	141.3mm [5.56"]
Ring Gear OD	229mm [9.0"]
Ring Gear Bolts	10 bolts on Ø168mm [6.61"]
Ring Gear Torque	88Nm [65 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	81Nm [60 ft-lb]

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