

**RD220**

T6 Ranger/BT50, RR, 32 SPL

### PARTS LIST

ITEM #	QTY	DESCRIPTION	PART #	NOTES
1	1	FLANGE CAP KIT	027340SP	
2	1	BONDED SEAL	160702SP	
3	1	CLUTCH GEAR & WAVESPRING KIT	050906SP	
4	1	WAVESPRING	150706SP	
5	2	SHORT CROSS SHAFT	060403SP	
6	4	PINION THRUST WASHER	SEE NOTE	3
7	4	PINION GEAR	SEE NOTE	2
8	1	LONG CROSS SHAFT	060204SP	
9	1	SIDE GEAR	SEE NOTE	2
10	1	DIFFERENTIAL CASE	013040SP	
11	1	COUNTERSUNK SCREW (PK OF 2)	200213SP	
12	1	RETAINING PIN SET (PK OF 4)	120601SP	
13	1	SHIM KIT	SHK009	
14	1	SEAL HOUSING KIT	081809SP	
15	1	SEAL HOUSING O-RINGS (PK OF 2)	160207-2	1
16	*	TAPERED ROLLER BEARING	NOT SUPPLIED	
17	2	SIDE GEAR THRUST WASHER	SEE NOTE	3
18	1	SPLINED SIDE GEAR	SEE NOTE	2
19	1	SPIDER BLOCK	070201SP	
*	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 RR LOCKER	180224	
*	1	CABLE TIE (PK OF 25)	180305	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102220	

\* *Not illustrated in exploded view*

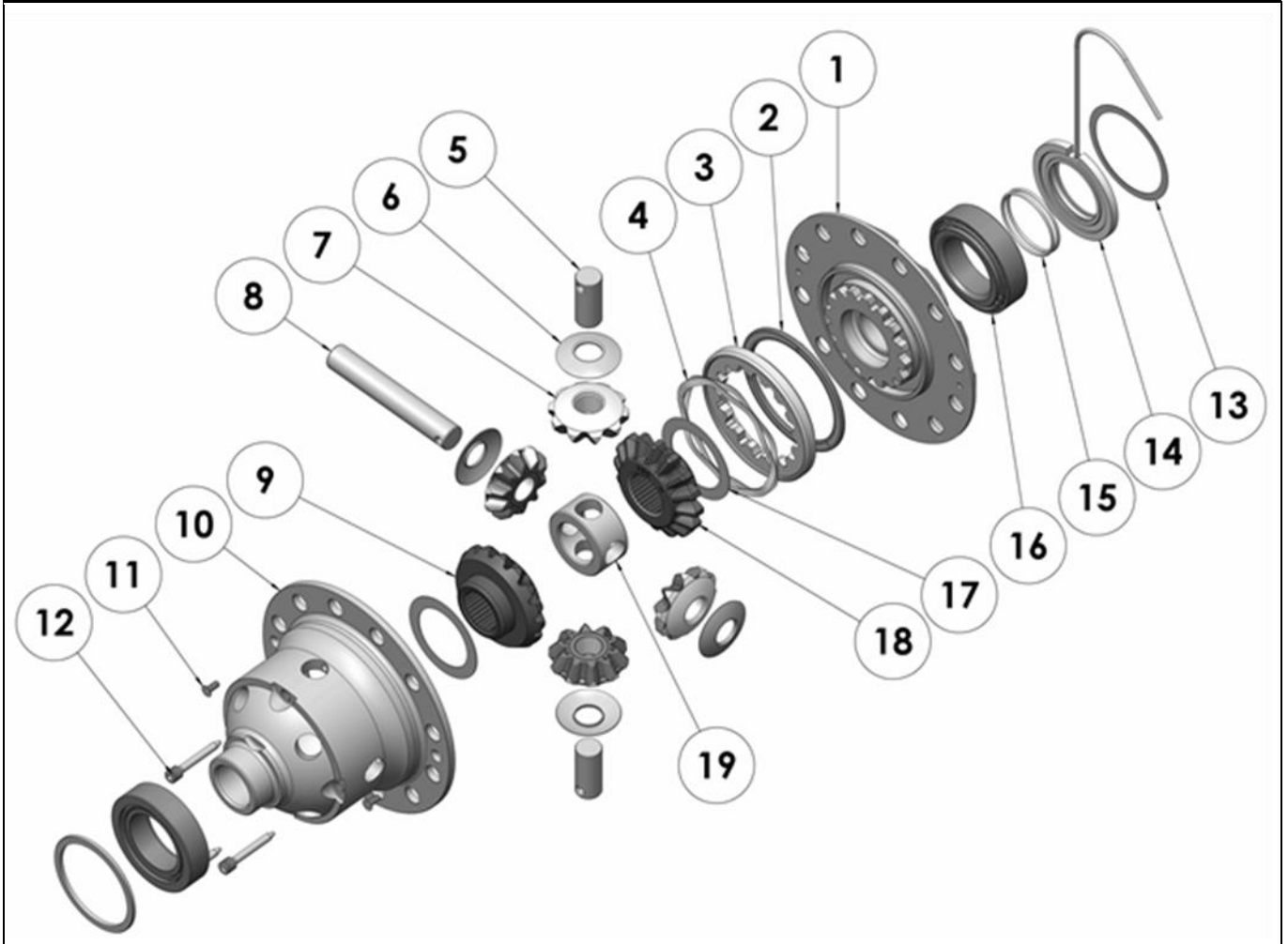
### NOTES

- 1 For replacement O-rings use only BS136 Viton 75.
- 2 Available only as complete 6 gear set #728H171
- 3 Available only as complete thrust washer kit #730H01
- 4 All diffs produced before serial #17070001 came with 5mm air connection system. For information contact ARB.
- Spare axles (not supplied) will be required for vehicles with factory diff lock  
LHS Axle – Ford Aust P/N: UC9P26115  
RHS Axle – Ford Aust P/N: UC9P26111

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### EXPLODED DIAGRAM



### SPECIFICATIONS

Axle Spline	32 tooth, Ø34.6mm [1.36"]
Ratio Supported	All
Ring Gear ID	141.3mm [5.56"]
Ring Gear OD	226.0mm [8.90"]
Ring Gear Bolts	12 bolts on Ø168.3mm [6.63"]
Ring Gear Torque	150Nm [110 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	75Nm [55 ft-lb]

ARB Corporation Ltd • 42-44 Garden St Kilsyth VIC 3137 Australia  
ARB 4X4 Accessories USA • 720 SW 34<sup>th</sup> St Renton WA 98057 USA  
Australia & International Customer Service • +61 3 9761 6622  
North America Customer Service • Toll Free 866 293 9078  
[www.arb.com.au](http://www.arb.com.au) (AUS & Int) [www.arbusa.com](http://www.arbusa.com) (N. America)