

**RD235**

GM 14 Bolt, 10.5", 35 SPL, FF

### PARTS LIST

ITEM #	QTY	DESCRIPTION	PART #	NOTES
1	1	TAPERED ROLLER BEARING	NOT SUPPLIED	
2	1	SEAL HOUSING BRACKET	220202	
3	1	BONDED SEAL	160706SP	
4	1	CLUTCH GEAR & WAVESPRING KIT	050905SP	
5	1	WAVESPRING	150705SP	
6	1	LONG CROSS SHAFT	061501SP	
7	1	SPIDER BLOCK	070402SP	
8	4	PINION THRUST WASHER	SEE NOTE	3
9	4	PINION GEAR	SEE NOTE	2
10	1	SIDE GEAR	SEE NOTE	2
11	1	RETAINING PIN SET (PK OF 4)	120601SP	
12	2	WASHER	151205	
13	1	SEAL HOUSING KIT	082101SP	
14	1	SEAL HOUSING O-RINGS (PK OF 2)	160233-2	1
15	1	FLANGE CAP KIT	028601SP	
16	2	SIDE GEAR THRUST WASHER	SEE NOTE	3
17	1	SPLINED SIDE GEAR	SEE NOTE	2
18	2	SHORT CROSS SHAFT	061601SP	
19	1	DIFFERENTIAL CASE	013201SP	
20	1	COUNTERSUNK SCREW (PK OF 2)	200214SP	
*	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 FR OR RR LOCKER	180225SP	
*	1	CABLE TIE (PK OF 25)	180305	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102235	

\* *Not illustrated in exploded view*

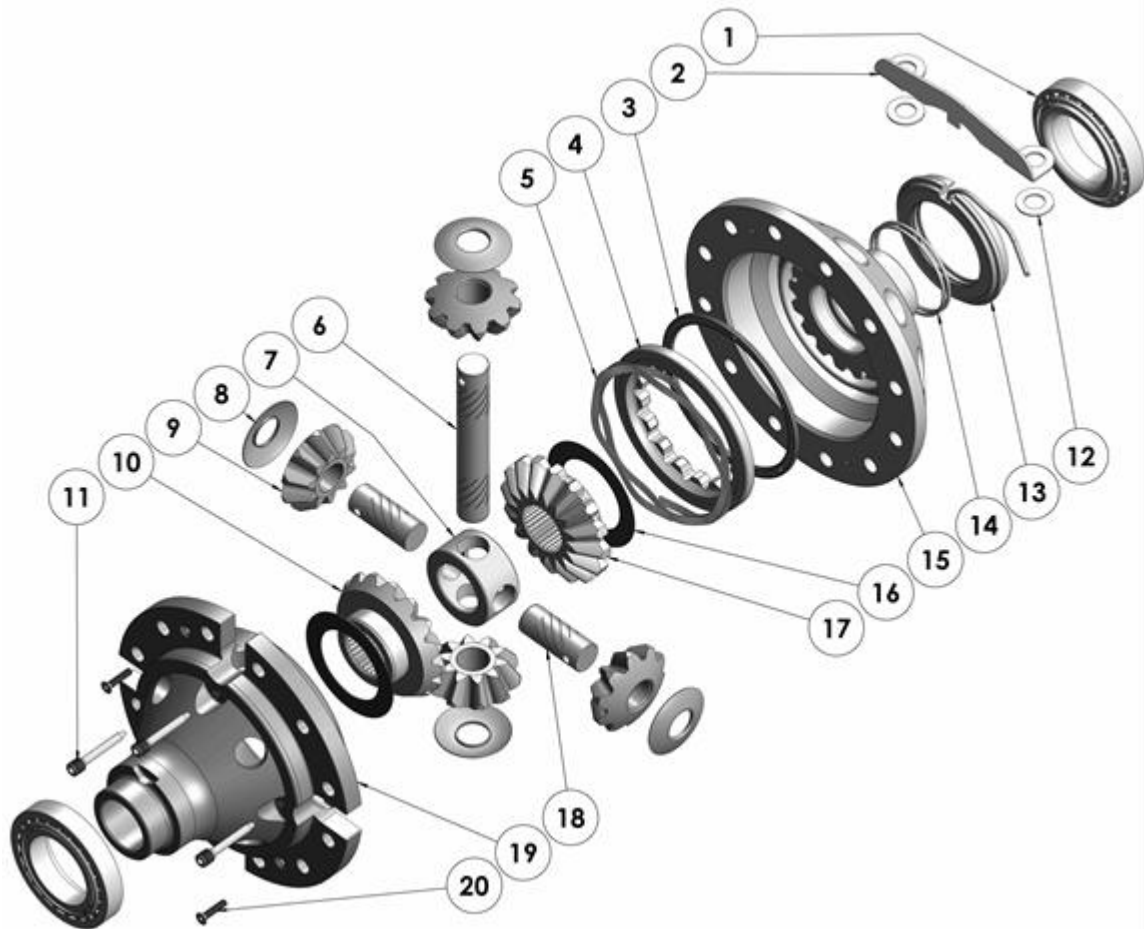
### NOTES

- 1 For replacement O-rings use only BS148 Viton 75.
- 2 Available only as complete 6 gear set # 728K171
- 3 Available only as complete thrust washer kit #730K01
- 4 All diffs produced before serial #17070001 came with 5mm air connection system. For information contact ARB.
- Does not support OE ring & pinion ratios of 4.56:1 & up, however, most known aftermarket ring & pinion sets of the 4.56:1 & up range are made 'thick' to suit the 4.10:1 & down carrier.

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### EXPLODED DIAGRAM



### SPECIFICATIONS

Axle Spline	35 tooth, Ø38.1mm [1.50"]
Ratio Supported	4.10:1 & down (4.56 & UP ratios must use 'thick' type high offset gearset)
Ring Gear ID	163.513mm [6.4375"]
Ring Gear OD	267mm [10.5"]
Ring Gear Bolts	12 bolts on Ø197.6mm [7.78"]
Ring Gear Torque	163Nm [120 ft-lb]
Backlash	0.13-0.20mm [0.005-0.008"]
Bearing Cap Torque	183Nm [135 ft-lb]

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