AIRLOCKER ARB

AIR OPERATED LOCKING DIFFERENTIAL

RD234

GM 14 Bolt,10.5",40 SPL,FF

PARTS LIST

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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)	160233SP	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)	170314SP	4
*	1	SOLENOID VALVE (12V)	180103	
*	1	SWITCH	180209SP	
*	1	SWITCH COVER (FRONT)	180210SP	
*	1	SWITCH COVER (REAR)	180211SP	
*	1	CABLE TIE (PK OF 25)	180305	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102234	

* Not illustrated in exploded view

NOTES

- 1 For replacement O-rings use only BS148 Viton 75.
- 2 Available only as complete 6 gear set # 728K161
- 3 Available only as complete thrust washer kit #730K01
- 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.



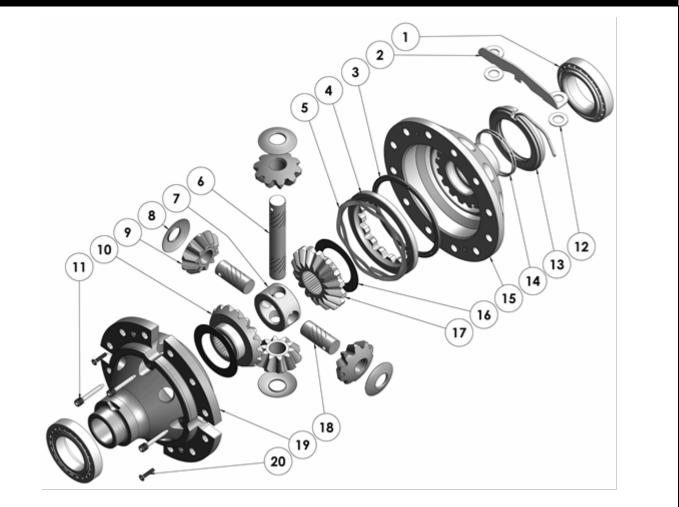
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EXPLODED DIAGRAM



SPECIFICATIONS

Axle Spline40 tooth, Ø43.4mm [1.71"]Ratio Supported4.10:1 & down
(4.56 & UP ratios must use 'thick' type high offset gearset)Ring Gear ID163.513mm [6.4375"]Ring Gear OD267mm [10.5"]Ring Gear Bolts12 bolts on Ø197.6mm [7.78"]Ring Gear Torque163Nm [120 ft-lb]
BacklashBearing Cap Torque183Nm [135 ft-lb]

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