ARB AIR LOCKER Air Operated Locking Differentials

ļ	RD1	04	Dana 30,30 SPL,3.73 & I	UP	
1	ITEM#	QTY	DESCRIPTION	PART #	NOTE
	1	2	SEAL HOUSING O-RING	160235	1
	2	1	SEAL HOUSING ASSEMBLY	081801	
	3	2	SHIM KIT	SHK003	
	*	2	MASTER SHIM	150325	
	4	1	BONDED SEAL	160701	
	5	1	CLUTCH GEAR	050803	
	6	1	SPIDER BLOCK	070503	
	7	1	LONG CROSS SHAFT	061302	
	8	1	SIDE GEAR	SEE NOTE	3
	9	2	COUNTERSUNK SCREW	200213	
	10	3	CROSS SHAFT RETAINING PIN	120601	
	11	2	TAPERED ROLLER BEARING	160109	2
	12	1	FLANGE CAP ASSEMBLY	028502	
	13	8	RETURN SPRING	150107	
	14	1	SPLINED SIDE GEAR	SEE NOTE	3
	15	2	SHORT CROSS SHAFT	061402	
	16	4	PINION GEAR	SEE NOTE	3
	17	4	PINION THRUST WASHER	151112	
	18	2	SIDE GEAR THRUST WASHER	151011	
	19	1	DIFFERENTIAL CASE	013102	
	*	1	BULKHEAD FITTING KIT (O-RING TYPE)	170111	
	*	1	PUSH-IN FITTING (5mm to 1/8"BSPP)	170201	
	*	1	AIR LINE (5mm DIA X 6m LONG)	170301	
	*	1	NIPPLE (1/8" to 1/8" BSPT)	170501	
	*	1	SOLENOID VALVE (12V)	180103	
	*	1	SWITCH	180209	
	*	1	SWITCH COVER (FRONT)	180210	
	*	10	CABLE TIE	180301	
	*	1	WARNING LABEL	210101	
	*	1	BUMPER STICKER	210102	
	*	1	OPERATION & SERVICE MANUAL	210200	
	*	1	INSTALLATION GUIDE	2102104	

Specs:

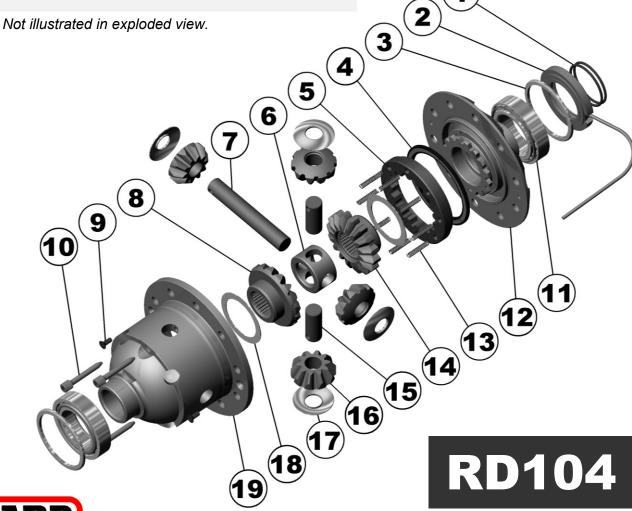
Axle Spline 30 tooth, Ø33.3mm [1.31"]
Ratio Supported 3.73:1 & up
Ring Gear ID 114.3mm [4.50"]
Ring Gear OD 183mm [7.2"]
Ring Gear Bolts 10 bolts on Ø133mm [5.25"]
Ring Gear Torque Backlash 0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque 81Nm [60 ft-lb] (see note 3)

Notes:

- 1 For replacement O-rings use only BS133 Viton 75.
- For replacement bearing use Timken part # LM102949 / LM102910.
- 3 Available only as complete 6 gear set # 728J031
- 4 Bearing cap torque does not apply to aluminum housings. Refer to vehicle's service manual for correct torque value.

30 spline Dana 30 is a performance upgrade requiring aftermarket axle shafts.

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2.104