

ARB AIR LOCKER *Air Operated Locking Differentials*

RD177 Dana 70X/80X,40 SPL,High Speed

Specs:

Axle Spline	40 tooth, Ø43.4mm [1.71"]
Ratio Supported	Varies
Ring Gear ID	174.9mm [6.89"]
Ring Gear OD	267mm [10.5"]
Ring Gear Bolts	12 bolts on Ø203mm [8.00"]
Ring Gear Torque	149Nm [110 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	108Nm [80 ft-lb]

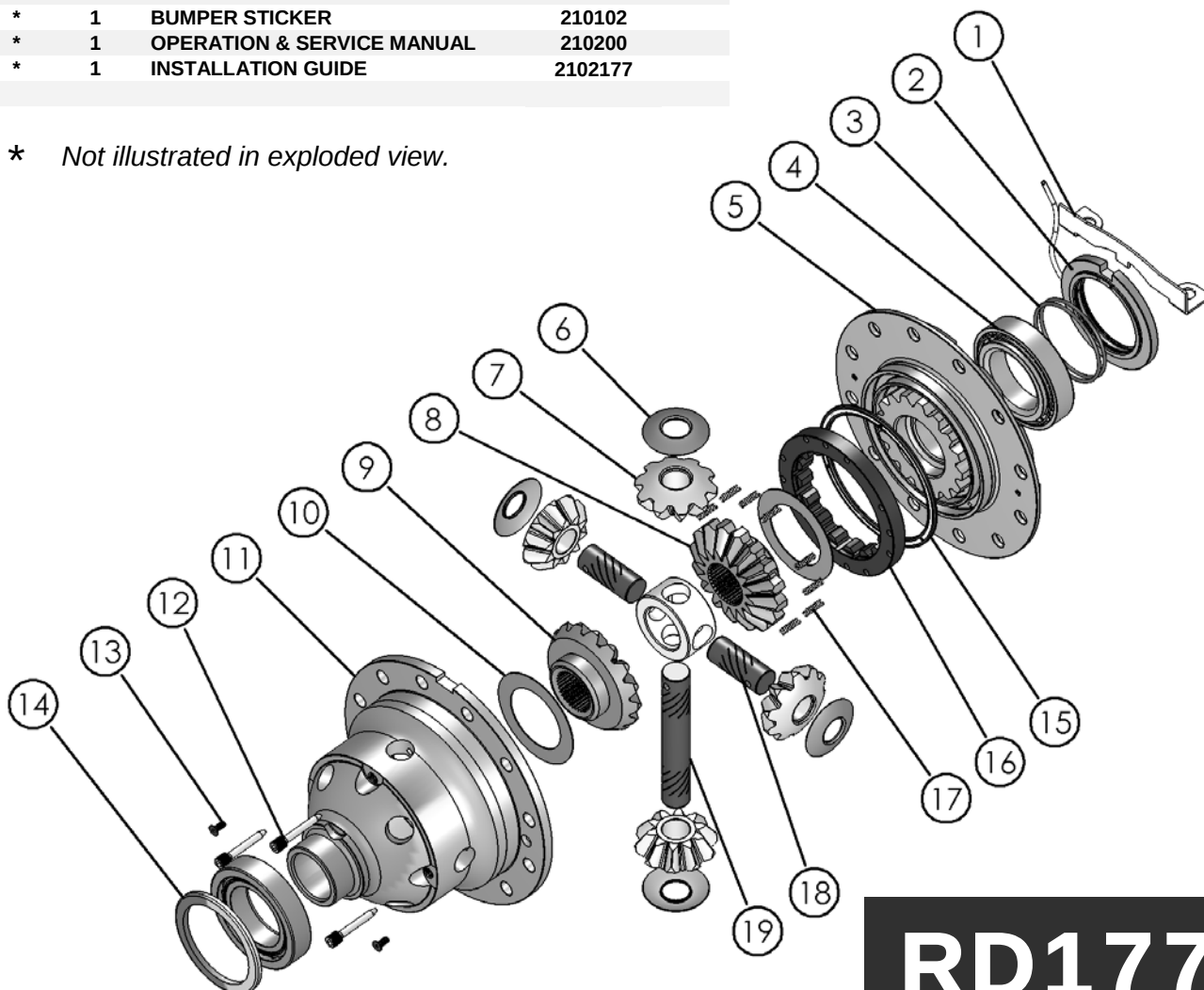
Notes:

- 1 For replacement O-rings use only BS149 Viton 75.
- 2 Available only as complete 6 gear set # 728K051

For Low Speed ratios please refer to RD176
(Section 2.176)

ITEM #	QTY	DESCRIPTION	PART #	NOTES
1	1	SEAL HOUSING BRACKET	220212	
2	1	SEAL HOUSING	082106	
3	2	O-RINGS	160251	1
4	2	TAPERED ROLLER BEARINGS	NOT SUPPLIED	
5	1	FLANGE CAP	028613	
6	4	PINION GEAR THRUST WASHER	151113	
7	4	PINION GEAR	728K051	2
8	1	SPLINED SIDE GEAR	728K051	2
9	1	SIDE GEAR	728K051	2
10	2	SIDE GEAR THRUST WASHER	151007	
11	1	DIFFERENTIAL CASE	013213	
12	3	RETAINING PIN	120601	
13	2	COUNTERSUNK SCREW	200214	
14	1	MASTER SHIM	150353	
*	1	MASTER SHIM	150354	
15	1	BONDED SEAL	160706	
16	1	CLUTCH GEAR	050809	
17	12	RETURN SPRING	150107	
18	2	SHORT CROSS SHAFT	061601	
19	1	LONG CROSS SHAFT	061501	
*	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	SOLENOID VALVE (12V)	180103	
*	1	SWITCH	180209	
*	1	SWITCH COVER (FRONT)	180210	
*	1	SWITCH COVER (REAR)	180211	
*	10	CABLE TIE	180301	
*	1	WARNING LABEL	210101	
*	1	BUMPER STICKER	210102	
*	1	OPERATION & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	210217	

* Not illustrated in exploded view.



RD177

