

ARB AIR LOCKER *Air Operated Locking Differentials*

RD133 Toyota 8" RR, shim adjusted

Specs:

Axle Spline	30 tooth, Ø33mm [1.31"]
Ratio Supported	All
Ring Gear ID	126.4mm [4.96"]
Ring Gear OD	200mm [8"]
Ring Gear Bolts	10 bolts on Ø148.5mm [5.84"]
Ring Gear Torque	95Nm [70 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	95Nm [70 ft-lb]

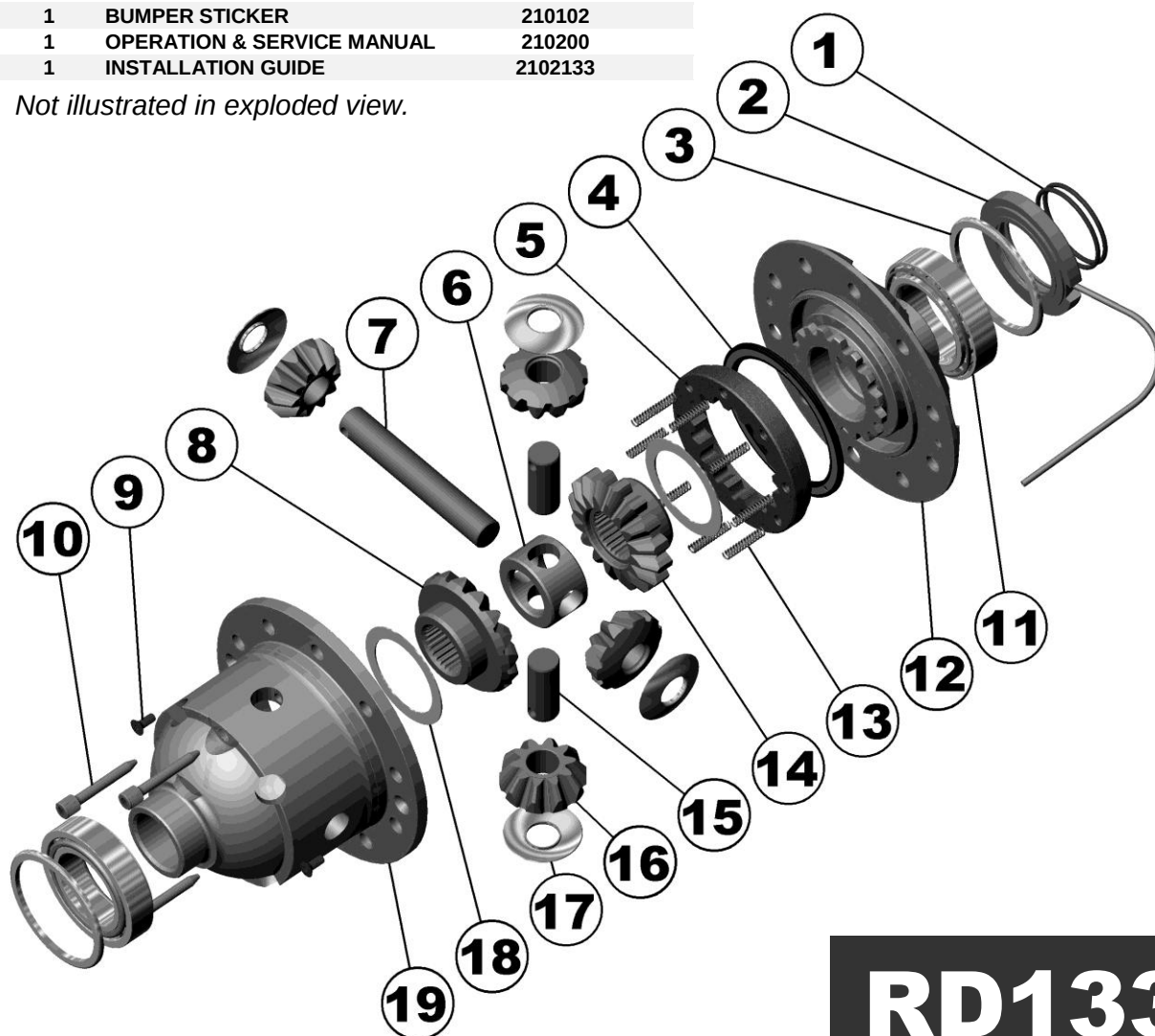
Notes:

- 1 For replacement O-rings use only BS133 Viton 75.
- 2 Available only as complete 6 gear set # 728H111

For 8" Toyota adjuster nut pre-loaded rear refer to RD132 ([Section 2.132](#)).

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	2	SEAL HOUSING O-RING	160235	1
02	1	SEAL HOUSING ASSEMBLY	081804	
03	1	SHIM KIT	SHK008	
04	1	BONDED SEAL	160702	
05	1	CLUTCH GEAR	050806	
06	1	SPIDER BLOCK	070201	
07	1	LONG CROSS SHAFT	060204	
08	1	SIDE GEAR	SEE NOTE	2
09	2	COUNTERSUNK SCREWS	200213	
10	3	CROSS SHAFT RETAINING PIN	120601	
11	1	TAPERED ROLLER BEARING	NOT SUPPLIED	
12	1	FLANGE CAP ASSEMBLY	027319	
13	8	RETURN SPRING	150113	
14	1	SPLINED SIDE GEAR	SEE NOTE	2
15	2	SHORT CROSS SHAFT	060403	
16	4	PINION GEAR	SEE NOTE	2
17	4	PINION THRUST WASHER	151110	
18	2	SIDE GEAR THRUST WASHER	151010	
19	1	DIFFERENTIAL CASE	013019	
*	1	BULKHEAD FITTING KIT (O-RING TYPE)	170111	
*	1	PUSH-IN FITTING (5mm to 1/8" BSPP)	170201	
*	1	NIPPLE (1/8" to 1/8" BSPT)	170501	
*	1	AIR LINE (5mm DIA X 6m LONG)	170301	
*	1	SOLENOID VALVE (12V)	180103	
*	1	SWITCH	180209	
*	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	2102133	

* Not illustrated in exploded view.



RD133

