

ARB AIR LOCKER *Air Operated Locking Differentials*

RD223 Ford Ranger PJ,PK/Mazda BT50,IFS,30 SPL

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	FLANGE CAP	028523	
02	1	BONDED SEAL	160701	
03	1	CLUTCH GEAR	050803	
04	2	SHORT CROSS SHAFT	061402	
05	1	LONG CROSS SHAFT	061302	
06	1	SIDE GEAR	SEE NOTE	2
07	2	SIDE GEAR THRUST WASHER	151011	
08	2	COUNTERSUNK SCREW	200213	
09	3	RETAINING PIN	120601	
10	-	TAPERED ROLLER BEARING	NOT SUPPLIED	
11	1	SEAL HOUSING RETAINING CLIP	150601	
12	1	SEAL HOUSING ASSEMBLY	081902	
13	2	SEAL HOUSING O-RINGS	160235	1
14	1	ADJUSTER NUT	100101	
15	8	RETURN SPRINGS	150107	
16	1	SPLINED SIDE GEAR	SEE NOTE	2
17	4	PINION GEAR	SEE NOTE	2
18	4	PINION THRUST WASHER	151112	
19	1	SPIDER BLOCK	070503	
20	1	DIFFERENTIAL CASE	013123	
*	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)	180211	
*	10	CABLE TIE	180301	
*	1	WARNING LABEL	210101	
*	1	BUMPER STICKER	210102	
*	1	OPERATION & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102223	

* Not illustrated in exploded view.

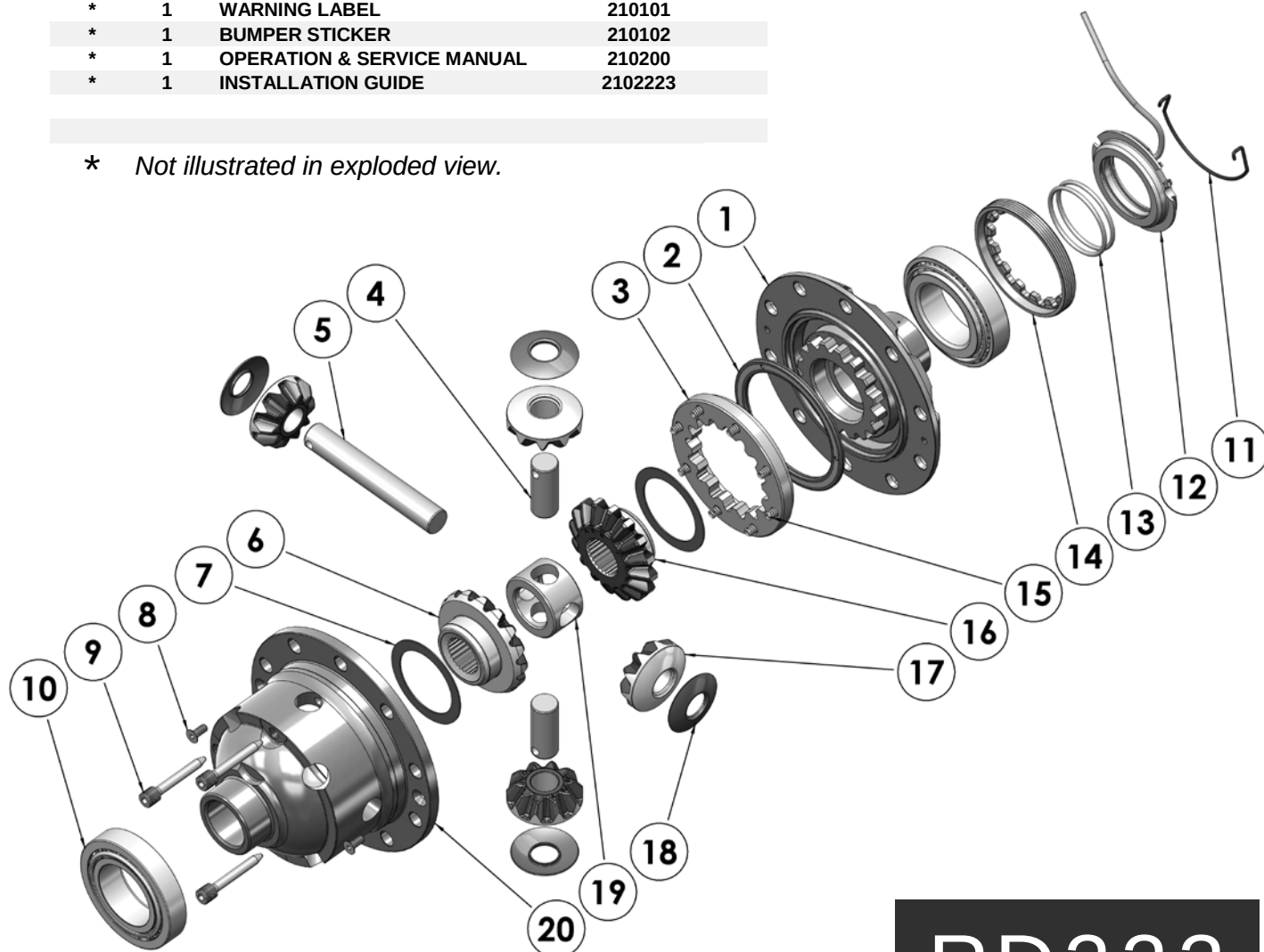
Specs:

Axle Spline	30 tooth, Ø30.8mm [1.21"]
Ratio Supported	All
Ring Gear ID	127.9mm [5.04"]
Ring Gear OD	190.0mm [7.48"]
Ring Gear Bolts	10 bolts on Ø160mm [6.30"]
Ring Gear Torque	68.6-83.3Nm [50.6-61.4 ft-lb]
Backlash	0.09-0.11mm [0.0035"-0.0043"]
Bearing Cap Torque	73-107Nm [53.9-78.9 ft-lb]

Notes:

- For replacement O-rings use only BS133 Viton 75.

For seal housing set-up refer to tech note ([Section 5.2](#)).
- Available only as complete 6 gear set # 728J061



RD223

