

ARB AIR LOCKER *Air Operated Locking Differentials*

RD216 GM 12 Bolt, 8.9", 30 SPL, 3.73 & UP

Specs:

Axle Spline	30 tooth, Ø33.3mm [1.31"]
Ratio Supported	3.73:1 & up
Ring Gear ID	138.1mm [5.44"]
Ring Gear OD	225mm [8.9"]
Ring Gear Bolts	12 bolts on Ø165mm [6.50"]
Ring Gear Torque	75Nm [55 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	81Nm [60 ft-lb]

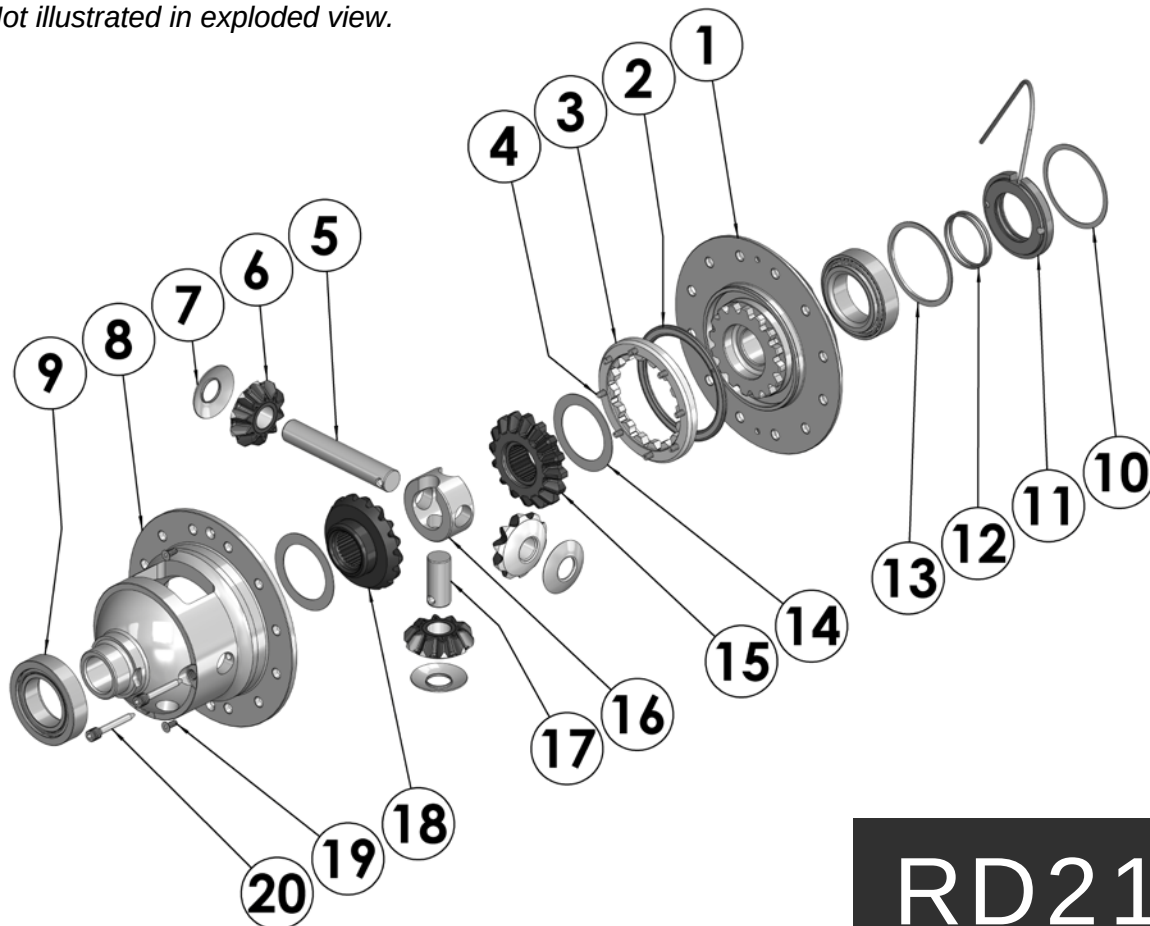
Notes:

- For replacement O-rings use only BS133 Viton 75
- For replacement bearing use Timken part #LM603049 / LM603012.

Ring gear bolts are 3/8" - 24 left-hand thread, and must be removed in a clockwise direction.
- Available only as complete 5 gear set #728H181C

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	FLANGE CAP ASSEMBLY	027338	
02	1	BONDED SEAL	160702	
03	1	CLUTCH GEAR	050806	
04	8	RETURN SPRING	150113	
05	1	LONG CROSS SHAFT	060204	
06	3	PINION GEAR	728H181C	3
07	3	PINION GEAR THRUST WASHER	151110	
08	1	DIFFERENTIAL CASE	013038	
09	---	TAPERED ROLLER BEARING	NOT SUPPLIED	2
10	1	SHIM KIT	SHK008	
11	1	SEAL HOUSING ASSEMBLY	081802	
12	2	O-RINGS	160235	1
13	1	MASTER SHIM	150320	
14	2	SIDE GEAR THRUST WASHER	151010	
15	1	SPLINED SIDE GEAR	728H181C	3
16	1	SPIDER BLOCK	070902	
17	1	SHORT CROSS SHAFT	060403	
18	1	SIDE GEAR	728H181C	3
19	2	CSK SCREW	200213	
20	2	RETAINING PIN	120601	
*	1	C-CLIP KIT	CCK005	
*	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 (REAR)	180211	
*	10	CABLE TIE	180301	
*	1	BUMPER STICKER	210102	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102216	

* Not illustrated in exploded view.



RD216

