

ARB AIR LOCKER *Air Operated Locking Differentials*

RD186 AMC 20, 3.08 & UP

Specs:

Axle Spline	29 tooth, Ø31.5mm [1.24"]
Ratio Supported	3.08:1 & UP
Ring Gear ID	136.6mm [5.38"]
Ring Gear OD	225.6mm [8.88"]
Ring Gear Bolts	8 bolts on Ø165.00mm [6.49"]
Ring Gear Torque	88Nm [65 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	88Nm [65 ft-lb]

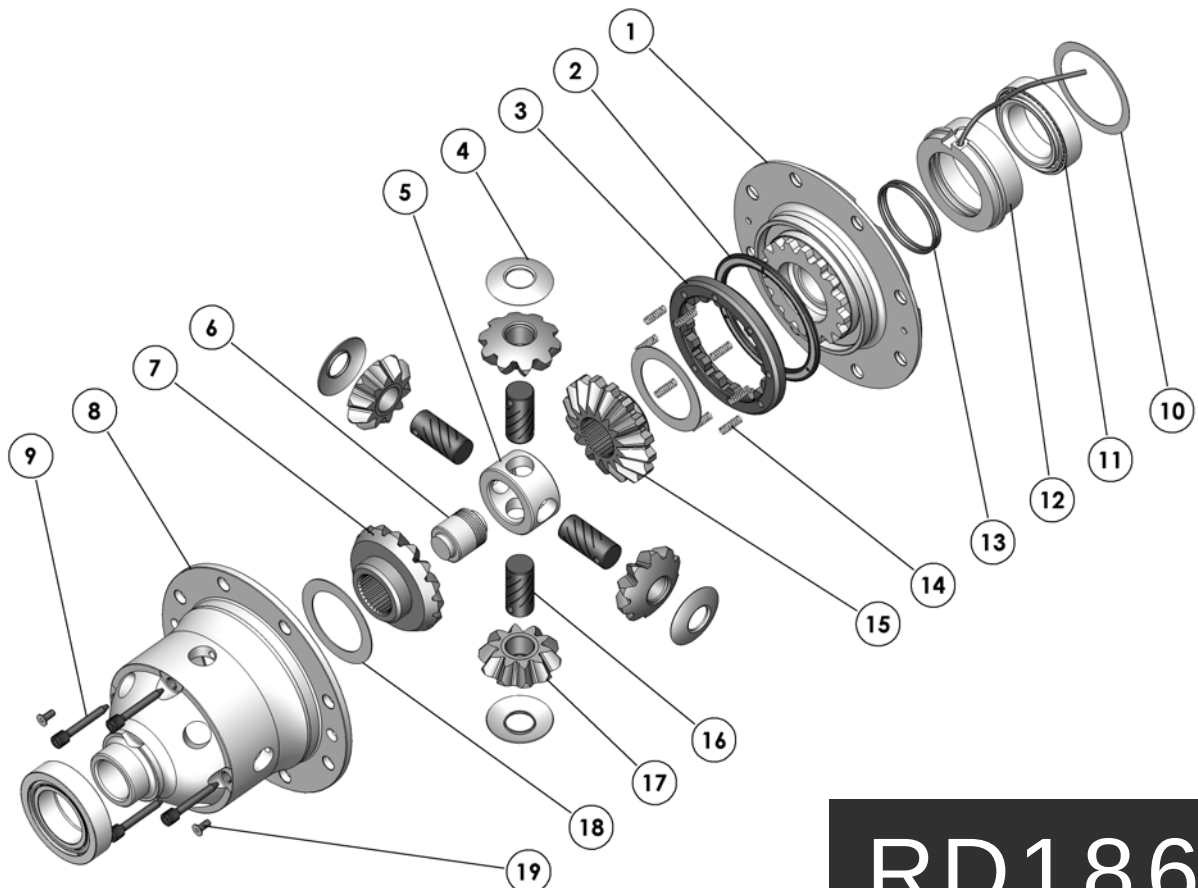
Notes:

- 1 For replacement O-rings use only BS138 Viton 75.
- 2 For replacement bearing use Timken part # LM102949 / LM102910
- 3 Available only as complete 6 gear set # 728H231

For ratios of 2.73:1 and down refer to RD187 (**Section 2.187**).

ITEM #	QTY	DESCRIPTION	PART #	NOTES
1	1	FLANGE CAP ASSEMBLY	027332	
2	1	BONDED SEAL	160702	
3	1	CLUTCH GEAR	050806	
4	4	PINION THRUST WASHER	151110	
5	1	SPIDER BLOCK	070201	
6	1	THRUST BLOCK	110510	
7	1	SIDE GEAR	SEE NOTE	3
8	1	DIFFERENTIAL CASE	013032	
9	4	CROSS SHAFT RETAINING PIN	120601	
10	1	SHIM KIT	SHK008	
11	1	TAPERED ROLLER BEARING	160109	2
12	1	SEAL HOUSING ASSEMBLY	081501	
13	2	SEAL HOUSING O-RING	160227	1
14	8	RETURN SPRING	150113	
15	1	LOCKING SIDE GEAR	SEE NOTE	3
16	4	SHORT CROSS SHAFT	060403	
17	4	PINION GEAR	SEE NOTE	3
18	2	SIDE GEAR THRUST WASHER	151010	
19	2	COUNTER SUNK SCREW	200213	
*	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	
*	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	2102186	

* Not illustrated in exploded view.



RD186

