

ARB AIR LOCKER *Air Operated Locking Differentials*

RD218 LR Discovery 3, RR, 31 SPL

Specs:

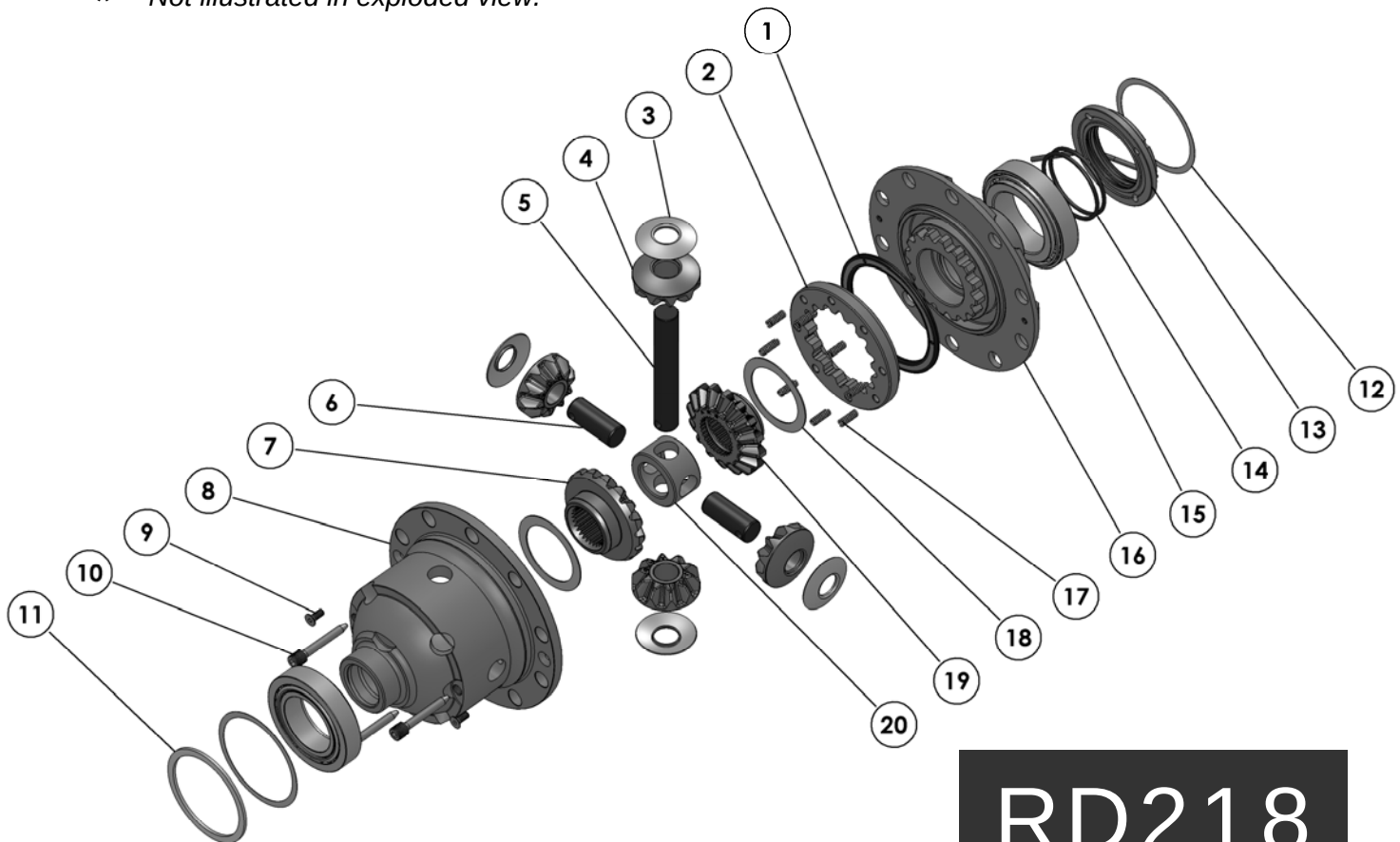
Axle Spline	31 tooth, Ø33.6mm [1.32"]
Ratio Supported	All
Ring Gear ID	130.15mm [5.12"]
Ring Gear OD	210mm [8.27"]
Ring Gear Bolts	10 bolts on Ø157.7mm [6.21"]
Ring Gear Torque	90Nm [66.4 ft-lb]
Backlash	0.35-0.45mm [0.013-0.017"] (measured off pinion)

Notes:

- 1 For replacement O-rings use only BS140 Viton 75.
- 2 Available only as complete 6 gear set # 728H211
- 3 This differential uses 2 different sized carrier bearings
Timken 387S-382A (ARB #160107)
on the Flange Cap side;
Timken 32010X-32010X (ARB #160116)
on the Diff Case side.

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	BONDED SEAL	160702	
02	1	CLUTCH GEAR	050806	
03	4	PINION THRUST WASHER	151110	
04	4	PINION GEAR	SEE NOTE	2
05	1	LONG CROSS SHAFT	060204	
06	2	SHORT CROSS SHAFT	060403	
07	1	SIDE GEAR	SEE NOTE	2
08	1	DIFFERENTIAL CASE	013042	
09	2	COUNTERSUNK SCREW	200213	
10	3	RETAINING PIN	120601	
11	1	OE MASTER SHIM	NOT SUPPLIED	
12	1	SHIM KIT	SHK001	
13	1	SEAL HOUSING ASSEMBLY	081822	
14	2	O-RINGS	160248	1
15	2	TAPERED ROLLER BEARING	NOT SUPPLIED	3
16	1	FLANGE CAP	027342	
17	8	RETURN SPRING	150113	
18	2	SIDE GEAR THRUST WASHER	151010	
19	1	SPLINED SIDE GEAR	SEE NOTE	2
20	1	SPIDER BLOCK	070201	
*	1	BULKHEAD KIT	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	WARNING LABEL	210101	
*	1	BUMPER STICKER	210102	
*	1	OPERATION & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102218	

* Not illustrated in exploded view.



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