

ARB AIR LOCKER *Air Operated Locking Differentials*

RD137 Nissan Pathfinder R51,33 SPL,RR

Specs:

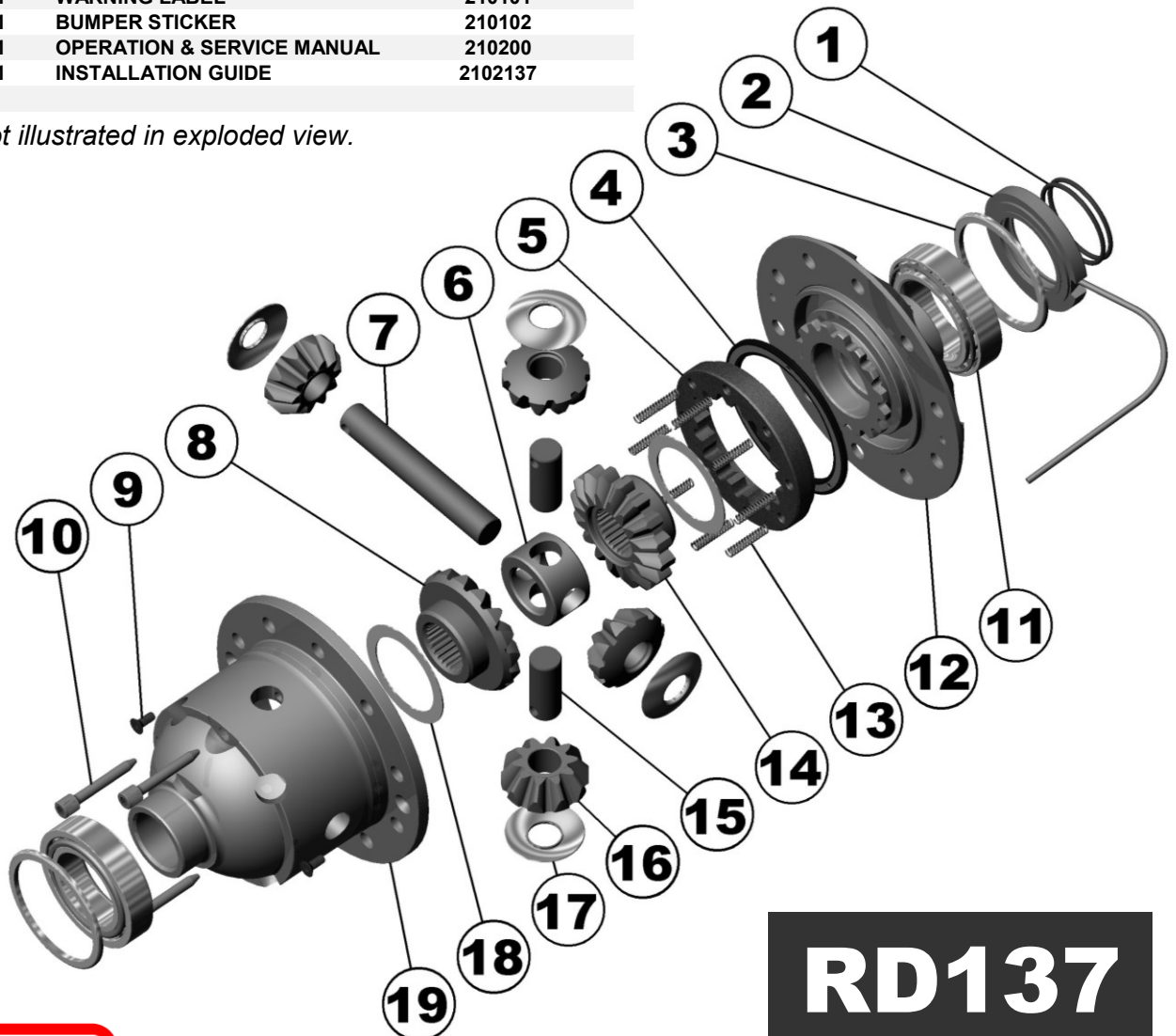
Axle Spline	33 tooth, Ø33.3mm [1.31"]
Ratio Supported	Not 3.36:1 (unconfirmed)
Ring Gear ID	146.0mm [5.75"]
Ring Gear Bolt Size	13mm
Ring Gear Bolts	12 bolts on Ø176mm [6.93"]
Ring Gear Torque	203Nm [150 ft-lb]
Backlash	0.15-0.20mm [0.006-0.008"]
Bearing Cap Torque	99Nm [73 ft-lb]

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	2	SEAL HOUSING O-RINGS	160207	1
02	1	SEAL HOUSING ASSEMBLY	081808	
03	1	SHIM KIT	SHK001	
*	1	MASTER SHIM	150330	
04	1	BONDED SEAL	160703	
05	1	CLUTCH GEAR	050804	
06	1	SPIDER BLOCK	070201	
07	1	LONG CROSS SHAFT	060204	
08	1	SIDE GEAR	SEE NOTE	2
09	2	COUNTERSUNK SCREW	200213	
10	3	RETAINING PIN	120601	
11	-	TAPERED ROLLER BEARING	NOT SUPPLIED	
12	1	FLANGE CAP ASSEMBLY	027315	
13	12	RETURN SPRINGS	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	013015	
*	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	2102137	

Notes:

- 1 For replacement O-rings use only BS136 Viton 75.
 - 2 Available only as complete 6 gear set # 728H161
- Refer to pinion modification tech note ([Sec. 5.6](#)).

* Not illustrated in exploded view.



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