

ARB AIR LOCKER *Air Operated Locking Differentials*

RD106 Nissan C200,31 SPL

Specs:

Axle Spline	31 tooth, Ø32.0mm [1.26"]
Ratio Supported	All
Ring Gear ID	128.0mm [5.04"]
Ring Gear Bolts	10 bolts on Ø150mm [5.91"]
Ring Gear Bolt Size	12mm
Ring Gear Torque	120Nm [89 ft-lb]
Backlash	0.13-0.18mm [0.005-0.007"]
Bearing Cap Torque	93Nm [69 ft-lb]

Notes:

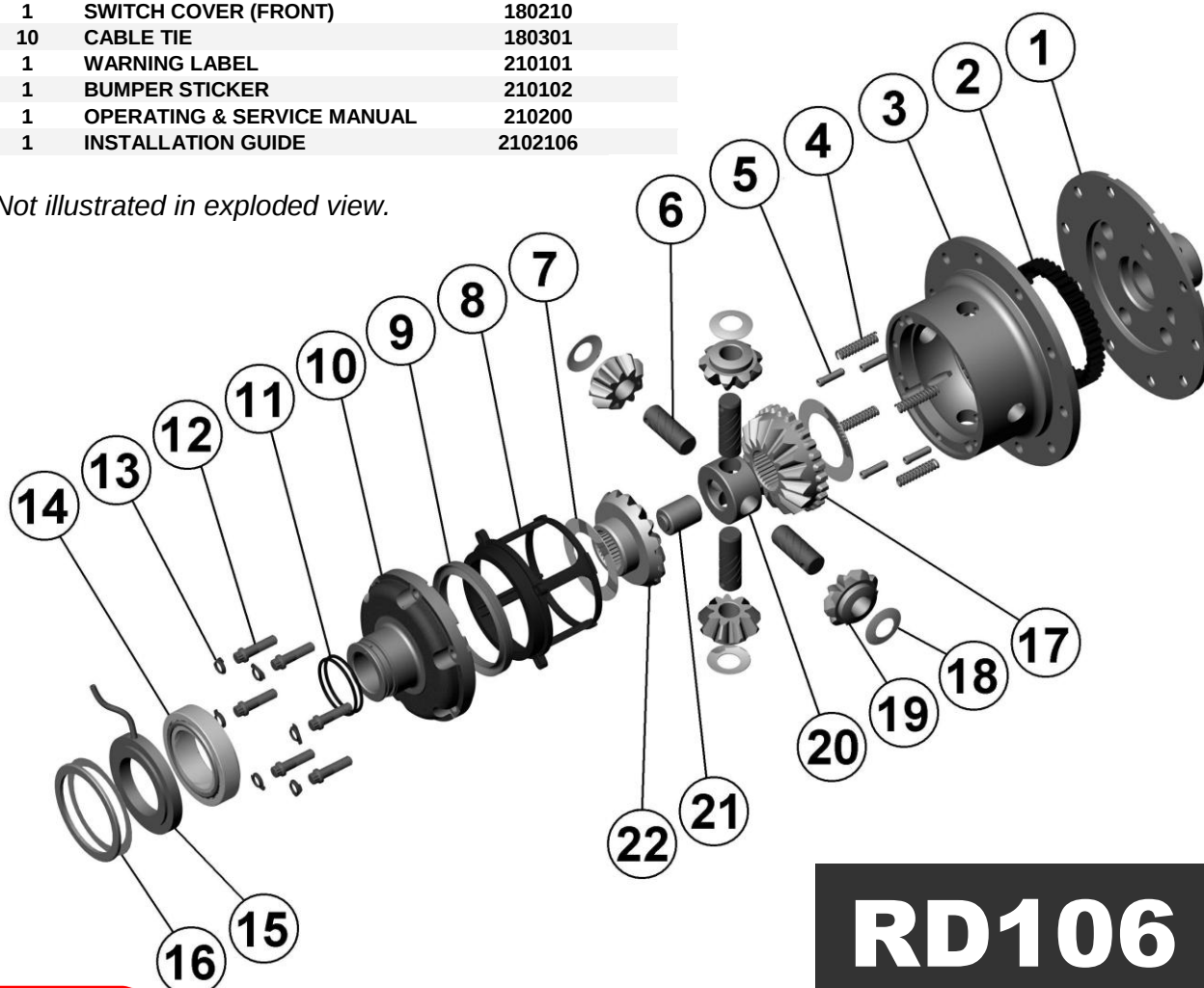
- For replacement O-rings use only BS030 Viton 75.

When used with 10mm ring gear bolts, adapter sleeves of the following size are required:
Outside: Ø12.25mm [0.482"]
Inside: Ø10.45mm [0.411"]
Length: 10mm [0.39"]
Bolt Torque: 74Nm [55 ft-lb]

Refer to axle modification tech note ([Section 5.4](#)) if axle binds inside carrier.
- Available only as complete 6 gear set # 728B131

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	FLANGE CAP	020103	
02	1	CLUTCH GEAR	050102	
03	1	DIFFERENTIAL CASE	010105	
04	4	RETURN SPRING	150101	
05	2	CROSS SHAFT RETAINING PIN	120102	
*	2	CROSS SHAFT RETAINING PIN	120302	
06	4	SHORT CROSS SHAFT	060308	
07	2	SIDE GEAR THRUST WASHER	151003	
08	1	PISTON	040103	
09	1	BONDED SEAL	160701	
10	1	CYLINDER CAP	030133	
11	2	SEAL HOUSING O-RING	160208	1
12	6	CYLINDER CAP RETAINING BOLT	200205	
13	6	LOCKING TAB (8mm)	150401	
14	-	TAPERED ROLLER BEARING	NOT SUPPLIED	
15	1	SEAL HOUSING	080802	
16	1	SHIM KIT	SHK009	
*	1	MASTER SHIM	150305	
17	1	SPLINED SIDE GEAR	SEE NOTE	2
18	4	PINION THRUST WASHER	151101	
19	4	PINION GEAR	SEE NOTE	2
20	1	SPIDER BLOCK	070101	
21	1	THRUST BLOCK	110501	
22	1	SIDE GEAR	SEE NOTE	2
*	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 (REAR)	180211	
*	1	SWITCH COVER (FRONT)	180210	
*	10	CABLE TIE	180301	
*	1	WARNING LABEL	210101	
*	1	BUMPER STICKER	210102	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102106	

* Not illustrated in exploded view.



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