

ARB AIR LOCKER *Air Operated Locking Differentials*

RD114 GM 14 Bolt, 10.5", FF

Specs:

Axle Spline	30 tooth, Ø39.2mm [1.54"]
Ratio Supported	4.10:1 & down
Ring Gear ID	163.513mm [6.4375"]
Ring Gear OD	267mm [10.5"]
Ring Gear Bolts	12 bolts on Ø197.6mm [7.78"]
Ring Gear Torque	163Nm [120 ft-lb]
Backlash	0.13-0.20mm [0.005-0.008"]
Bearing Cap Torque	183Nm [135 ft-lb]

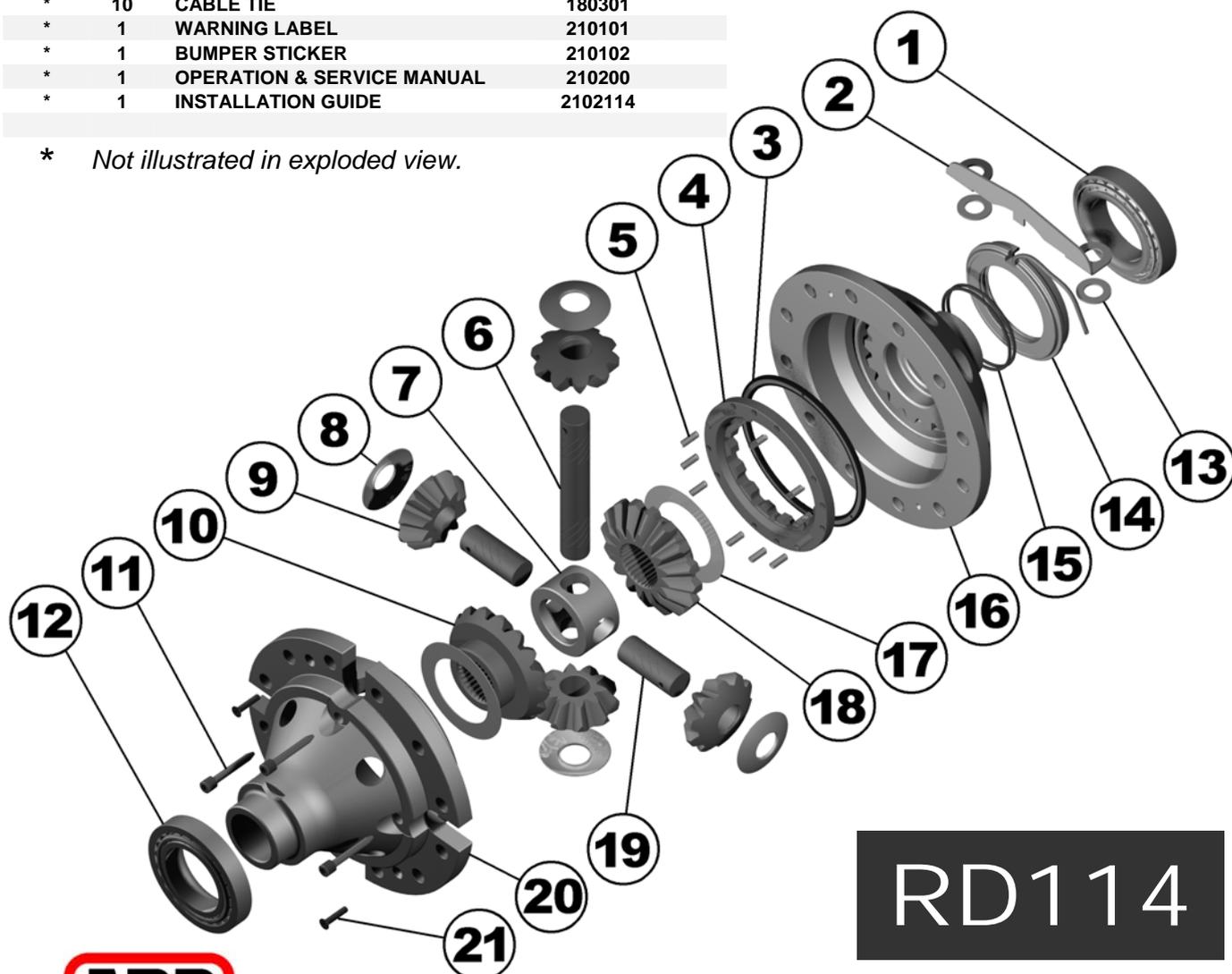
ITEM #	QTY	DESCRIPTION	PART #	NOTES
1	1	TAPERED ROLLER BEARING	NOT SUPPLIED	
2	1	SEAL HOUSING BRACKET	220202	
3	1	BONDED SEAL	160706	
4	1	CLUTCH GEAR	050805	
5	8	RETURN SPRING	150113	
6	1	LONG CROSS SHAFT	061501	
7	1	SPIDER BLOCK	070402	
8	4	PINION THRUST WASHER	151113	
9	4	PINION GEAR	SEE NOTE	2
10	1	SIDE GEAR	SEE NOTE	2
11	3	CROSS SHAFT RETAINING PIN	120601	
12	1	TAPERED ROLLER BEARING	NOT SUPPLIED	
13	2	WASHER	151205	
14	1	SEAL HOUSING ASSEMBLY	082101	
15	2	SEAL HOUSING O-RING	160233	1
16	1	FLANGE CAP ASSEMBLY	028601	
17	2	SIDE GEAR THRUST WASHER	151007	
18	1	SPLINED SIDE GEAR	SEE NOTE	2
19	2	SHORT CROSS SHAFT	061601	
20	1	DIFFERENTIAL CASE	013201	
21	2	COUNTERSUNK SCREW	200214	
*	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	2102114	

Notes:

- 1 For replacement O-rings use only BS148 Viton 75.
- 2 Available only as complete 6 gear set # 728K011

Does not support OE ring & pinion ratios of 4.56:1 & up, however, most known aftermarket ring & pinion sets of the 4.56:1 & up range are made 'thick' to suit the 4.10:1 & down carrier.

* Not illustrated in exploded view.



RD114

