

ARB AIR LOCKER *Air Operated Locking Differentials*

RD07

Dana 44,30 SPL,3.73 & DN **

Specs:

Axle Spline	30 tooth, Ø33.3mm [1.31"]
Ratio Supported	3.73:1 & down
Ring Gear ID	141.3mm [5.56"]
Ring Gear OD	216mm [8.5"]
Ring Gear Bolts	10 bolts on Ø168mm [6.61"]
Ring Gear Torque	75Nm [55 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	81Nm [60 ft-lb]

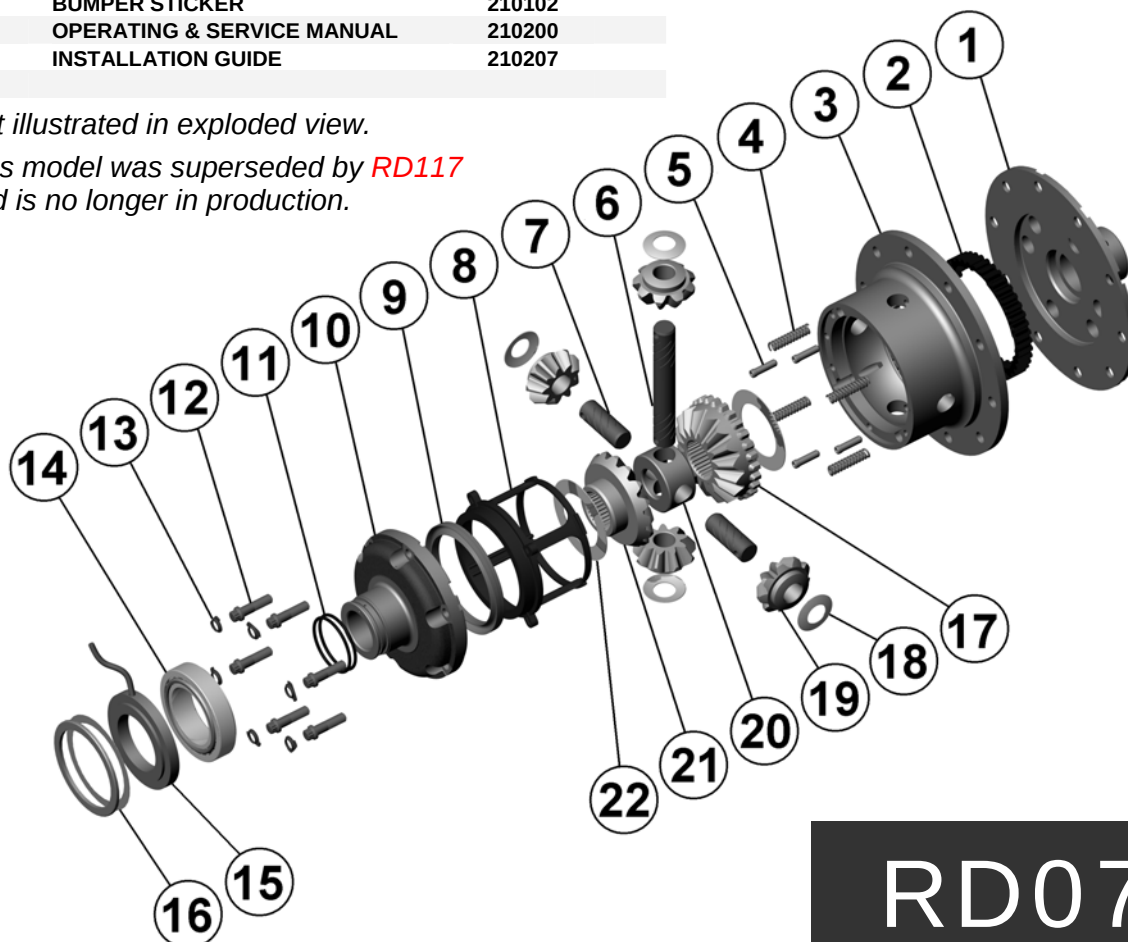
Notes:

- 1 For replacement O-rings use only BS132 Viton 75
 - 2 For replacement bearing use Timken part # LM104949 / LM104912.
- For Ford IFS installation refer to tech note (Section 5.12) for alternative to C-clip use.
- For ratios of 3.92:1 and up refer to RD116 (Section 2.116).
- For information on RD07 models with 4 cylinder cap bolts, contact ARB.
- Suitable for use with ABS tone ring.
- 3 Available only as complete 6 gear set # 728B041

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	FLANGE CAP	020602	
02	1	CLUTCH GEAR	050102	
03	1	DIFFERENTIAL CASE	010604	
04	4	RETURN SPRING	150101	
05	2	CROSS SHAFT RETAINING PIN	120102	
*	2	CROSS SHAFT RETAINING PIN	120302	
06	1	LONG CROSS SHAFT	060103	
07	2	SHORT CROSS SHAFT	060303	
08	1	PISTON	040103	
09	1	BONDED SEAL	160701	
10	1	CYLINDER CAP	030410	
11	2	SEAL HOUSING O-RING	160205	1
12	6	CYLINDER CAP RETAINING BOLT	200205	
13	6	LOCKING TAB (8mm)	150401	
14	1	TAPERED ROLLER BEARING	160101	2
15	1	SEAL HOUSING	080301	
16	1	SHIM KIT	SHK004	
17	1	SPLINED SIDE GEAR	SEE NOTE	3
18	4	PINION THRUST WASHER	151101	
19	4	PINION GEAR	SEE NOTE	3
20	1	SPIDER BLOCK	070101	
21	1	SIDE GEAR	SEE NOTE	3
22	2	SIDE GEAR THRUST WASHER	151003	
*	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	210207	

* Not illustrated in exploded view.

** This model was superseded by **RD117** and is no longer in production.


RD07
