

ARB AIR LOCKER *Air Operated Locking Differentials*

RD115 Dana 70HD,37 SPL,4.56 & UP

Specs:

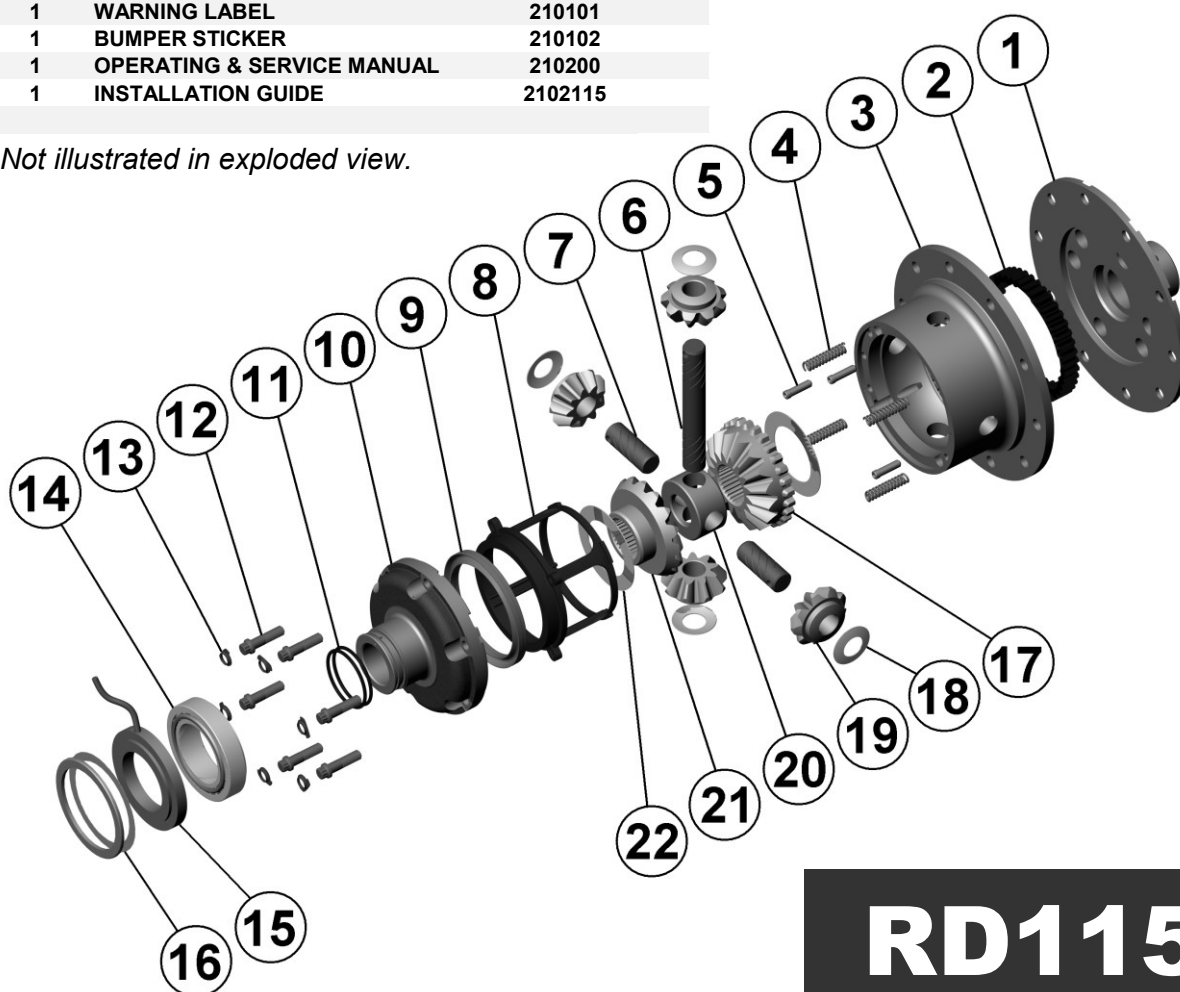
Axle Spline	37 tooth, Ø40.6mm [1.60"]
Ratio Supported	4.56:1 & up
Ring Gear ID	174.9mm [6.89"]
Ring Gear OD	267mm [10.5"]
Ring Gear Bolts	12 bolts on Ø203mm [8.00"]
Ring Gear Torque	149Nm [110 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	108Nm [80 ft-lb]
Carrier Bearing OD	104.78mm [4.125"]

Notes:

- 1 For replacement O-rings use only BS141 Viton 75.
- 2 For replacement bearing use Timken part # 39250 / 39412.
- 3 Available only as complete 6 gear set # 728E051

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	FLANGE CAP	022501	
02	1	CLUTCH GEAR	050401	
03	1	DIFFERENTIAL CASE	012401	
04	4	RETURN SPRING	150101	
05	3	CROSS SHAFT RETAINING PIN	120301	
06	1	LONG CROSS SHAFT	060703	
07	2	SHORT CROSS SHAFT	060802	
08	1	PISTON	040501	
09	1	BONDED SEAL	160703	
10	1	CYLINDER CAP	031203	
11	2	SEAL HOUSING O-RING	160220	1
12	8	CYLINDER CAP RETAINING BOLT	200205	
13	8	LOCKING TAB (8mm)	150401	
14	1	TAPERED ROLLER BEARING	160113	2
15	1	SEAL HOUSING	080703	
16	1	SHIM KIT	SHK006	
*	1	MASTER SHIM	150336	
17	1	SPLINED SIDE GEAR	SEE NOTE	3
18	4	PINION THRUST WASHER	151104	
19	4	PINION GEAR	SEE NOTE	3
20	1	SPIDER BLOCK	070401	
21	1	SIDE GEAR	SEE NOTE	3
22	2	SIDE GEAR THRUST WASHER	151004	
*	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	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102115	

* Not illustrated in exploded view.



RD115

