AIRLOCKER ARB

AIR OPERATED LOCKING DIFFERENTIAL

RD153

Toyota 8.9", C-clip, 50mm BRNG

PARTS L	.IST			
ITEM #	QTY	DESCRIPTION	PART#	NOTES
01	1	FLANGE CAP KIT	027318SP	
02	1	BONDED SEAL	160702SP	
03	1	CLUTCH GEAR & WAVESPRING KIT	050906SP	
04	1	THRUST BLOCK	110509SP	5
05	1	SPIDER BLOCK	070902SP	
06	1	SIDE GEAR	SEE NOTE	3
07	2	SIDE GEAR THRUST WASHER	SEE NOTE	4
08	1	COUNTERSUNK SCREW (PK OF 2)	200213SP	
09	1	RETAINING PIN SET (PK OF 4)	120601SP	
10	-	TAPERED ROLLER BEARING	NOT SUPPLIED	2
11	1	SEAL HOUSING RETAINING CLIP	150601SP	
12	1	SEAL HOUSING KIT	081901SP	
13	1	SEAL HOUSING O-RINGS (PK OF 2)	160207SP	1
14	1	ADJUSTER NUT	100101SP	
15	1	WAVESPRING	150706SP	
16	1	SPLINED SIDE GEAR	SEE NOTE	3
17	3	PINION GEAR	SEE NOTE	3
18	3	PINION THRUST WASHER	SEE NOTE	4
19	3	SHORT CROSS SHAFT	060403SP	
20	1	DIFFERENTIAL CASE	013020SP	
*	1	C-CLIP KIT	CCK005	
*	1	BULKHEAD FITTING KIT (BANJO TYPE)	170114	6
*	1	AIR LINE (6mm DIA X 6m LONG)	170314	6
*	1	SOLENOID VALVE (12V)	180103	
*	1	SWITCH	180209SP	
*	1	SWITCH COVER (REAR)	180211SP	
*	1	CABLE TIE (PK OF 25)	180301	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102153	

* Not illustrated in exploded view

NOTES

- 1 For replacement O-rings use only BS136 Viton 75.
- 2 For 80mm Bearing OD use Timken Bearing #32010X (ARB# 160116).
- 3 Available only as complete 5 gear set # 728H181C
- 4 Available only as complete thrust washer kit #730H01
- 5 Order thrust block 110102SP as replacement for RD153 with a long cross shaft (SN 1606XXXX & earlier).
- 6 All diffs produced before serial #17070001 came with 5mm air connection system. For information contact ARB.
- For 8.9" non C-clip model (i.e., full floating) refer to RD142 (Section 2.142)
- Refer to seal housing set-up tech note (Sec. 5.2).
- Refer to pinion modification tech note (Sec. 5.6).

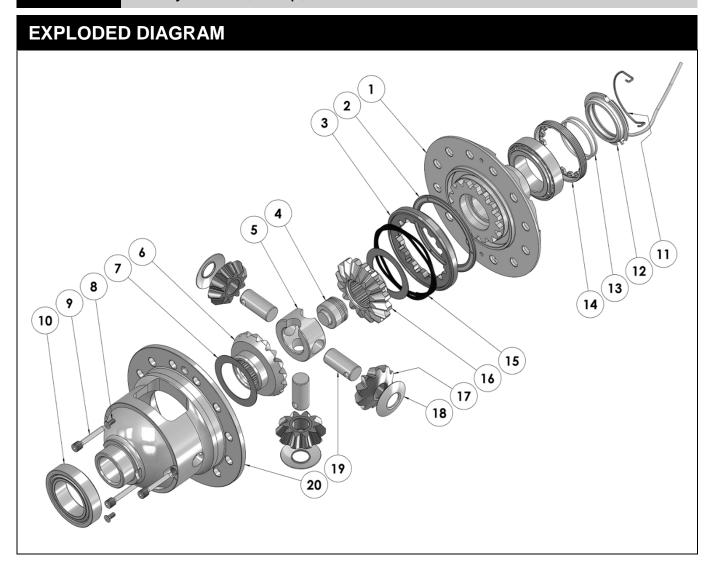




AIR OPERATED LOCKING DIFFERENTIAL

RD153

Toyota 8.9", C-clip, 50mm BRNG



SPECIFICATIONS

Axle Spline 30 tooth, Ø33mm [1.31"]

Ratio Supported A

Ring Gear ID 138.1mm [5.44"] Ring Gear OD 225mm [8.9"]

Ring Gear Bolts 12 bolts on Ø156mm [6.14"]

Ring Gear Torque 120Nm [89 ft-lb]

Backlash 0.15-0.20mm [0.006-0.008"]

Bearing Cap Torque 110Nm [81 ft-lb]

AIRLOCKER ARB