

RD47

AMC Model 20,2.73:1

****THIS MODEL WAS SUPERSEDED BY RD187, CROSSES OUT PARTS NOT AVAILABLE**

PARTS LIST

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	FLANGE CAP	022201	
02	1	CLUTCH GEAR	050402	
03	1	DIFFERENTIAL CASE	011502	
04	1	RETURN SPRINGS (PK OF 4)	150101SP	
05	1	RETAINING PIN SET (PK OF 2)	120102SP	
*	1	RETAINING PIN SET (PK OF 2)	120302SP	
06	4	SHORT CROSS SHAFT	060303	
07	1	S GEAR THRUST WASHER (PK OF 2)	151003SP	
08	1	PISTON	040103SP	
09	1	BONDED SEAL	160701SP	
10	1	CYLINDER CAP	030115	
11	1	SEAL HOUSING O-RINGS (PK OF 2)	160208SP	1
12	1	CYL CAP RETAINING BOLT (PK OF 8)	200205SP	
13	1	LOCKING TAB (8mm) (PK OF 8)	150401SP	
14	1	TAPERED ROLLER BEARING	160104	2
15	1	SEAL HOUSING KIT	080503SP	
16	1	SHIM KIT	SHK008	
*	1	MASTER SHIM	150342	
17	1	SPLINED SIDE GEAR	SEE NOTE	3
18	1	PINION THRUST WASHER (PK OF 4)	151101SP	
19	4	PINION GEAR	SEE NOTE	3
20	1	SPIDER BLOCK	070404	
21	1	THRUST BLOCK	110506SP	
22	1	SIDE GEAR	SEE NOTE	3
*	1	BULKHEAD FITTING KIT (O-RING TYPE)	170111	
*	1	PUSH-IN FITTING (5mm to 1/8"BSPP)	170201SP	
*	1	AIR LINE (5mm DIA X 6m LONG)	170301SP	
*	1	SOLENOID VALVE (12V)	180103	
*	1	SWITCH	180209SP	
*	1	SWITCH COVER (REAR)	180211SP	
*	1	SWITCH COVER (FRONT)	180210SP	
*	1	CABLE TIE (PK OF 25)	180305	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	210247	

* *Not illustrated in exploded view*

NOTES

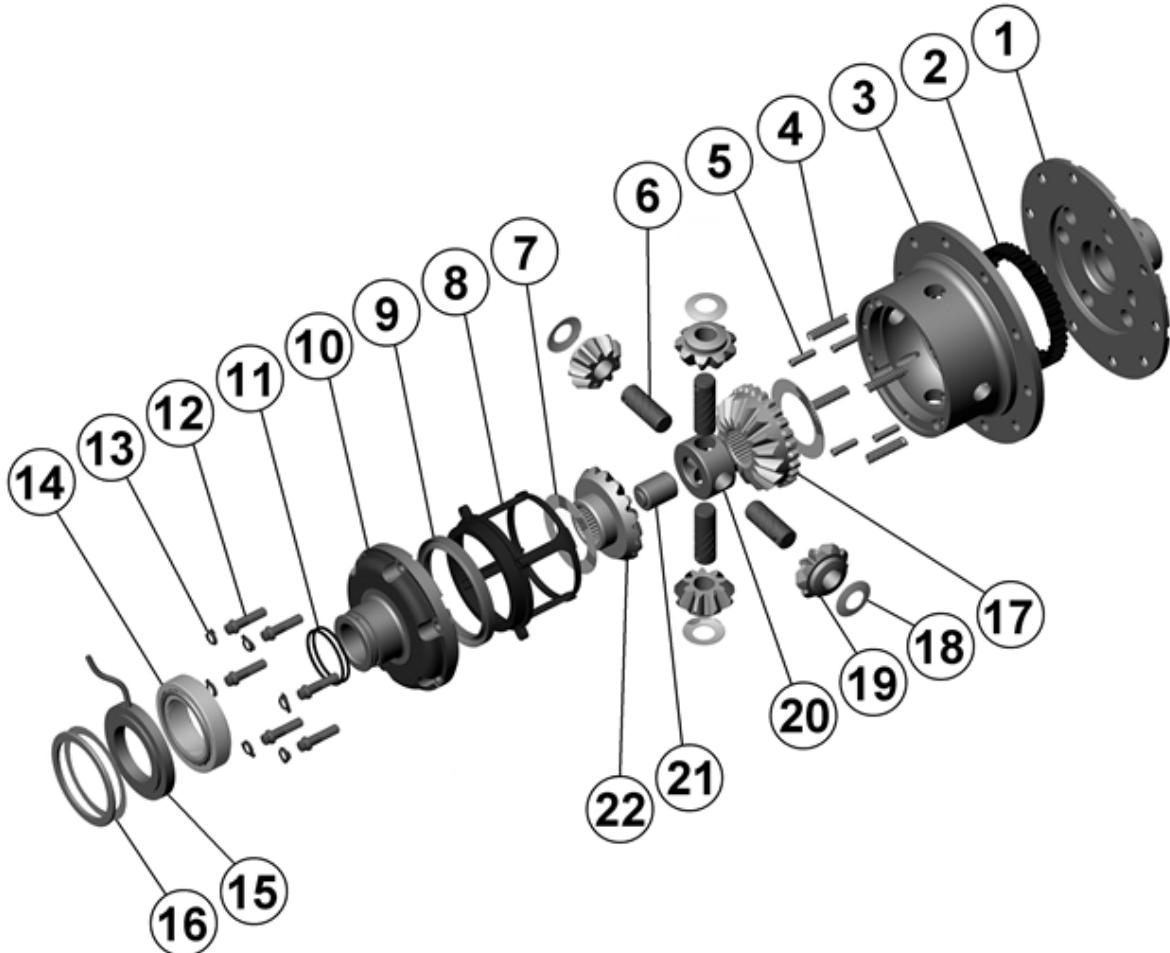
- 1 For replacement O-rings use only BS030 Viton 75.
- 2 For replacement bearing use Timken part #LM603049 / LM603011.
- 3 Available only as complete 6 gear set # 728B101.
- For ratios of 3.08:1 & up refer to RD60 ([Section 2.60](#)).

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EXPLODED DIAGRAM



SPECIFICATIONS

Axle Spline	29 tooth, Ø31.8mm [1.25"]
Ratio Supported	2.73:1
Ring Gear ID	136.6mm [5.38"]
Ring Gear OD	225.6mm [8.88"]
Ring Gear Bolts	8 bolts on Ø165mm [6.50"]