

ARB AIR LOCKER *Air Operated Locking Differentials*

RD150 Ford 9.75",34 SPL,C-Clip

| ITEM # | QTY | DESCRIPTION | PART # | NOTES |
|--------|-----|------------------------------------|--------------|-------|
| 01 | 1 | SPLINED SIDE GEAR | SEE NOTE | 3 |
| 02 | 1 | SPIDER BLOCK | 070404 | |
| 03 | 1 | LONG CROSS SHAFT | 061501 | |
| 04 | 1 | SIDE GEAR | SEE NOTE | 3 |
| 05 | 2 | SIDE GEAR THRUST WASHER | 151007 | |
| 06 | 2 | COUNTERSUNK SCREW | 200214 | |
| 07 | 2 | CROSS SHAFT RETAINING PIN | 120601 | |
| 08 | 2 | SEAL HOUSING O-RING | 160248 | 1 |
| 09 | 1 | SEAL HOUSING ASSEMBLY | 082103 | |
| 10 | 2 | SHIM KIT | SHK001 | |
| * | 1 | MASTER SHIM | 150330 | |
| 11 | 2 | TAPERED ROLLER BEARING | NOT SUPPLIED | 2 |
| 12 | 1 | FLANGE CAP ASSEMBLY | 028604 | |
| 13 | 1 | BONDED SEAL | 160703 | |
| 14 | 1 | CLUTCH GEAR | 050807 | |
| 15 | 8 | RETURN SPRING | 150107 | |
| 16 | 1 | SHORT CROSS SHAFT | 061501 | |
| 17 | 3 | PINION GEAR | SEE NOTE | 3 |
| 18 | 3 | PINION THRUST WASHER | 151113 | |
| 19 | 1 | DIFFERENTIAL CASE | 013204 | |
| * | 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 | |
| * | 10 | CABLE TIE | 180301 | |
| * | 1 | WARNING LABEL | 210101 | |
| * | 1 | BUMPER STICKER | 210102 | |
| * | 1 | OPERATION & SERVICE MANUAL | 210200 | |
| * | 1 | INSTALLATION GUIDE | 2102150 | |

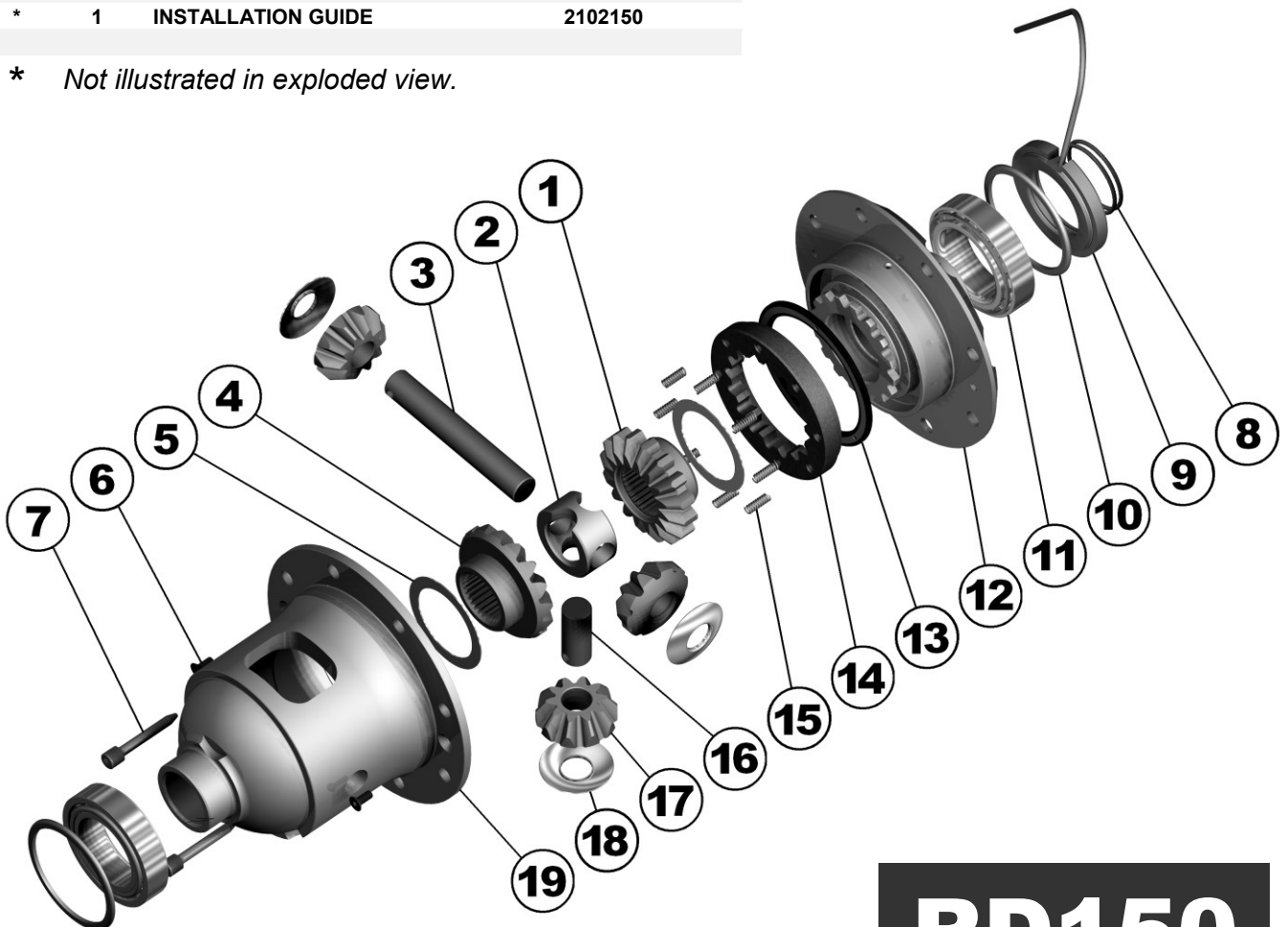
* Not illustrated in exploded view.

Specs:

| | |
|--------------------|-----------------------------|
| Axle Spline | 34 tooth, Ø34.8mm [1.37"] |
| Ratio Supported | 3.31:1 & down |
| Ring Gear ID | 154.94mm [6.1"] |
| Ring Gear OD | 248mm [9.75"] |
| Ring Gear Bolts | 12 bolts on Ø180.4mm [7.1"] |
| Ring Gear Torque | 128Nm [95 ft-lb] |
| Backlash | 0.15-0.25mm [0.006-0.010"] |
| Bearing Cap Torque | 94Nm [70 ft-lb] |

Notes:

- 1 For replacement O-rings use only BS140 Viton 75.
- 2 For replacement bearing use Timken part # NP343847-372019.
- 3 Available only as complete 5 gear set #728K031C



RD150

