

**RD24**

Nissan H233B,33 SPL\*\*

**\*\*THIS MODEL WAS SUPERSEDED BY RD135, CROSSED OUT PARTS NOT AVAILABLE**

### PARTS LIST

| ITEM # | QTY | DESCRIPTION                        | PART #       | NOTES |
|--------|-----|------------------------------------|--------------|-------|
| 01     | 1   | FLANGE CAP                         | 020302       |       |
| 02     | 1   | CLUTCH GEAR                        | 050202       |       |
| 03     | 1   | DIFFERENTIAL CASE                  | 010307       |       |
| 04     | 1   | RETURN SPRINGS (PK OF 4)           | 150101SP     |       |
| 05     | 1   | RETAINING PIN SET (PK OF 4)        | 120303SP     |       |
| 06     | 4   | SHORT CROSS SHAFT                  | 060402       |       |
| 07     | 1   | PISTON                             | 040202SP     |       |
| 08     | 1   | BONDED SEAL                        | 160705SP     |       |
| 09     | 1   | CYLINDER CAP ASSEMBLY              | 030214       |       |
| 10     | 1   | CYL CAP RETAINING BOLT (PK OF 8)   | 200205SP     |       |
| 11     | 1   | LOCKING TAB (8mm) (PK OF 8)        | 150401SP     |       |
| 12     | 1   | TAPERED ROLLER BEARING             | NOT SUPPLIED |       |
| 13     | 1   | ADJUSTER NUT                       | 100102SP     |       |
| 14     | 1   | SEAL HOUSING KIT                   | 081902SP     |       |
| 15     | 1   | SEAL HOUSING O-RINGS (PK OF 2)     | 160235SP     | 1     |
| 16     | 1   | SEAL HOUSING RETAINING CLIP        | 150601SP     |       |
| 17     | 1   | SPLINED SIDE GEAR                  | SEE NOTE     | 3     |
| 18     | 1   | PINION THRUST WASHER (PK OF 4)     | 151102SP     |       |
| 19     | 4   | PINION GEAR                        | SEE NOTE     | 3     |
| 20     | 1   | SPIDER BLOCK                       | 070201SP     |       |
| 21     | 1   | SIDE GEAR                          | SEE NOTE     | 3     |
| 22     | 1   | S GEAR THRUST WASHER (PK OF 2)     | 151002SP     |       |
| *      | 9   | RING GEAR BOLT SPACER              | 4581061      | 2     |
| *      | 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   | CABLE TIE (PK OF 25)               | 180305       |       |
| *      | 1   | OPERATING & SERVICE MANUAL         | 210200       |       |
| *      | 1   | INSTALLATION GUIDE                 | 210224       |       |

\* *Not illustrated in exploded view*

### NOTES

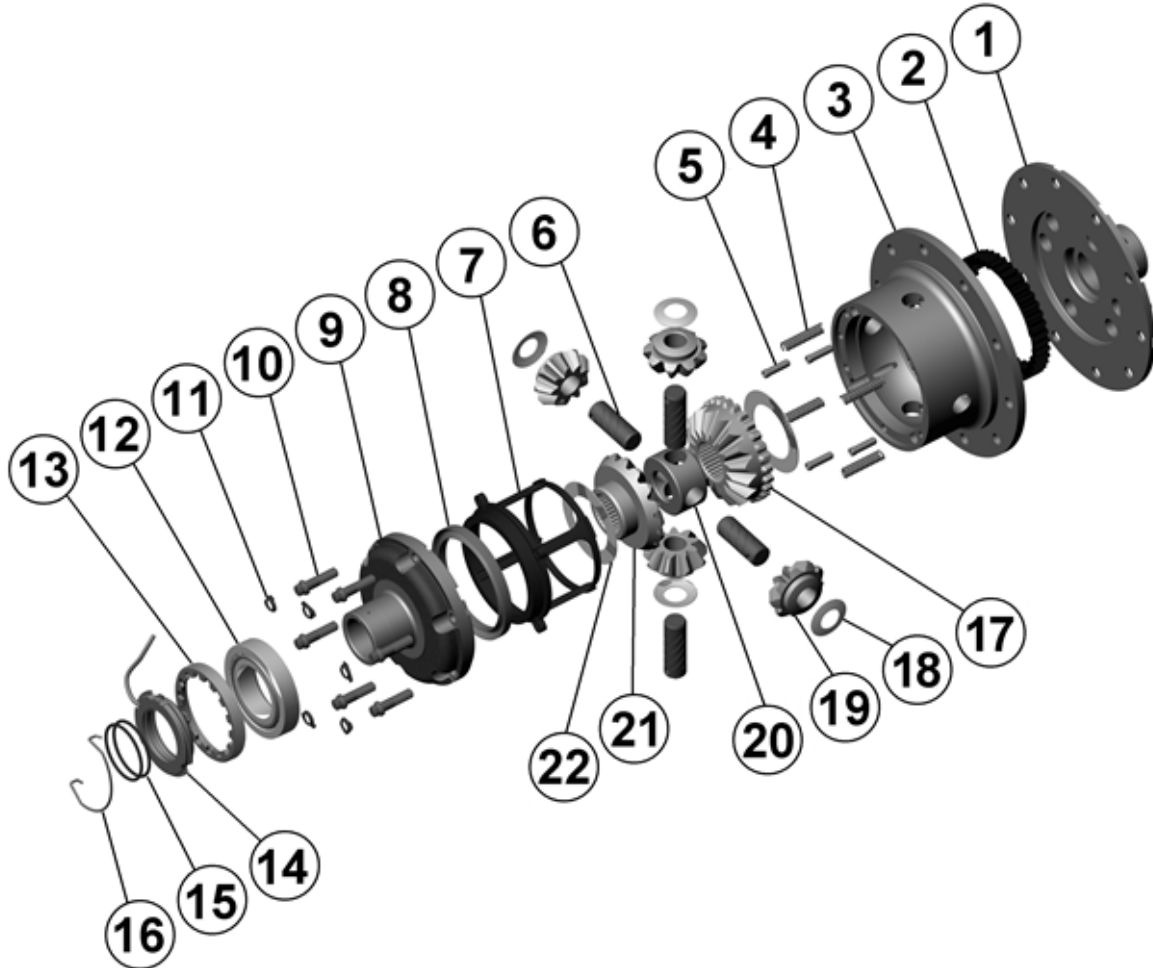
- 1 For replacement O-rings use only BS133 Viton 75.
- 2 If ring gear bolts are 10mm then spacers must be used (supplied with kit).
- 3 Available only as complete 6 gear set # 728A031.
- For information on RD24 models with metal pistons, contact ARB.
- For seal housing set-up refer to tech notes (Section 5.1 & 5.2).

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### EXPLODED DIAGRAM



### SPECIFICATIONS

|                     |                            |
|---------------------|----------------------------|
| Axle Spline         | 33 tooth, Ø33.3mm [1.31"]  |
| Ratio Supported     | All                        |
| Ring Gear ID        | 146.0mm [5.75"]            |
| Ring Gear Bolts     | 9 bolts on Ø176mm [6.93"]  |
| Ring Gear Bolt Size | 12mm                       |
| Ring Gear Torque    | 142Nm [105 ft-lb]          |
| Backlash            | 0.15-0.20mm [0.006-0.008"] |
| Bearing Cap Torque  | 99Nm [73 ft-lb]            |

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