

**RD229**

Nissan D23 RR, 34 Spline

### PARTS LIST

| ITEM # | QTY | DESCRIPTION                       | PART #       | NOTES |
|--------|-----|-----------------------------------|--------------|-------|
| 1      | 1   | BONDED SEAL                       | 160702SP     |       |
| 2      | 1   | CLUTCH GEAR & WAVESPRING KIT      | 050906SP     |       |
| 3      | 1   | WAVESPRING                        | 150706SP     |       |
| 4      | 4   | PINION THRUST WASHER              | SEE NOTE     | 3     |
| 5      | 4   | PINION GEAR                       | SEE NOTE     | 2     |
| 6      | 1   | LONG CROSS SHAFT                  | 060204SP     |       |
| 7      | 1   | SIDE GEAR                         | SEE NOTE     | 2     |
| 8      | 2   | SIDE GEAR THRUST WASHER           | SEE NOTE     | 3     |
| 9      | 1   | DIFFERENTIAL CASE                 | 013045SP     |       |
| 10     | 1   | COUNTERSUNK SCREW (PK OF 2)       | 200213SP     |       |
| 11     | 1   | RETAINING PIN SET (PK OF 4)       | 120601SP     |       |
| 12     | 2   | ADJUSTER NUT                      | NOT SUPPLIED |       |
| 13     | 1   | SEAL HOUSING O-RINGS (PK OF 2)    | 160227-2     | 1     |
| 14     | 1   | SEAL HOUSING KIT                  | 081821SP     |       |
| 15     | 2   | TAPERED ROLLER BEARING            | NOT SUPPLIED |       |
| 16     | 1   | FLANGE CAP KIT                    | 027345SP     |       |
| 17     | 1   | SPLINED SIDE GEAR                 | SEE NOTE     | 2     |
| 18     | 1   | SPIDER BLOCK                      | 070201SP     |       |
| 19     | 2   | SHORT CROSS SHAFT                 | 060403SP     |       |
| *      | 1   | BULKHEAD FITTING KIT (BANJO TYPE) | 170114       | 4     |
| *      | 1   | AIR LINE (6mm DIA X 6m LONG)      | 170314       | 4     |
| *      | 1   | SOLENOID VALVE (12V)              | 180103       |       |
| *      | 1   | SWITCH RR LOCKER                  | 180224SP     |       |
| *      | 1   | CABLE TIE (PK OF 25)              | 180305       |       |
| *      | 1   | OPERATING & SERVICE MANUAL        | 210200       |       |
| *      | 1   | INSTALLATION GUIDE                | 210229       |       |

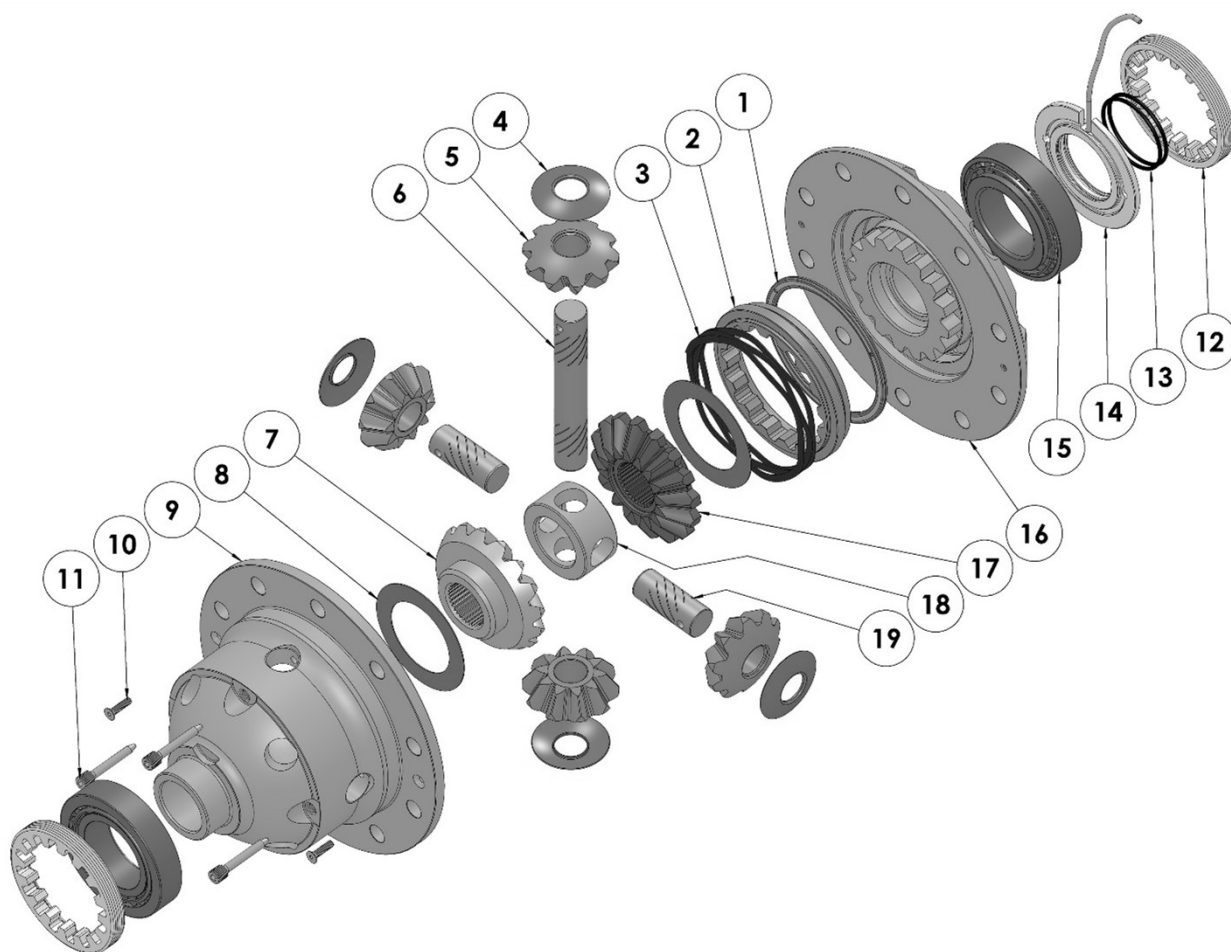
\* *Not illustrated in exploded view*

### NOTES

- 1 For replacement O-rings use only BS138 Viton 75.
- 2 Available only as complete 6 gear set # 728H191.
- 3 Available only as complete thrust washer kit #730H01.
- 4 All diffs produced before serial #17070001 came with 5mm air connection system. For information contact ARB.
- \* Fitment to OE locker models will require axle shafts from non-locked models, see Mercedes or Nissan.  
OE diff lock actuator plug will need to be short circuited to avoid warning lights coming on.

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**EXPLODED DIAGRAM****SPECIFICATIONS**

|                    |                              |
|--------------------|------------------------------|
| Axle Spline        | 34 tooth, Ø34.9mm [1.37"]    |
| Ratio Supported    | All                          |
| Ring Gear ID       | 134.0mm [5.28"]              |
| Ring Gear OD       | 215mm [8.46"]                |
| Ring Gear Bolts    | 12 bolts on Ø173.9mm [6.85"] |
| Ring Gear Torque   | 198Nm [146 ft-lb]            |
| Backlash           | 0.15-0.20mm [0.006-0.008"]   |
| Bearing Cap Torque | 88Nm [65 ft-lb]              |

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