

**RD134**

Nissan H233,31 SPL

### PARTS LIST

| ITEM # | QTY | DESCRIPTION                       | PART #       | NOTES |
|--------|-----|-----------------------------------|--------------|-------|
| 01     | 1   | FLANGE CAP KIT                    | 027316SP     |       |
| 02     | 1   | BONDED SEAL                       | 160703SP     |       |
| 03     | 1   | CLUTCH GEAR & WAVESPRING KIT      | 050904SP     | 5     |
| 04     | 4   | SHORT CROSS SHAFT                 | 060403SP     |       |
| 05     | 4   | PINION GEAR                       | SEE NOTE     | 3     |
| 06     | 4   | PINION THRUST WASHER              | SEE NOTE     | 4     |
| 07     | 1   | SIDE GEAR                         | SEE NOTE     | 3     |
| 08     | 2   | SIDE GEAR THRUST WASHER           | SEE NOTE     | 4     |
| 09     | 1   | COUNTERSUNK SCREW (PK OF 2)       | 200213SP     |       |
| 10     | 1   | RETAINING PIN SET (PK OF 4)       | 120601SP     |       |
| 11     | -   | TAPERED ROLLER BEARING            | NOT SUPPLIED | 2     |
| 12     | 1   | SEAL HOUSING RETAINING CLIP       | 150601SP     |       |
| 13     | 1   | SEAL HOUSING KIT                  | 081901SP     |       |
| 14     | 1   | SEAL HOUSING O-RINGS (PK OF 2)    | 160207SP     | 1     |
| 15     | 1   | ADJUSTER NUT                      | 100102SP     |       |
| 16     | 1   | WAVESPRING                        | 150704SP     |       |
| 17     | 1   | SPLINED SIDE GEAR                 | SEE NOTE     | 3     |
| 18     | 1   | SPIDER BLOCK                      | 070201SP     |       |
| 19     | 1   | THRUST BLOCK                      | 110502SP     |       |
| 20     | 1   | DIFFERENTIAL CASE                 | 013016SP     |       |
| *      | 1   | BULKHEAD FITTING KIT (BANJO TYPE) | 170114       | 6     |
| *      | 1   | AIR LINE (6mm DIA X 6m LONG)      | 170314SP     | 6     |
| *      | 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                | 2102134      |       |

\* *Not illustrated in exploded view*

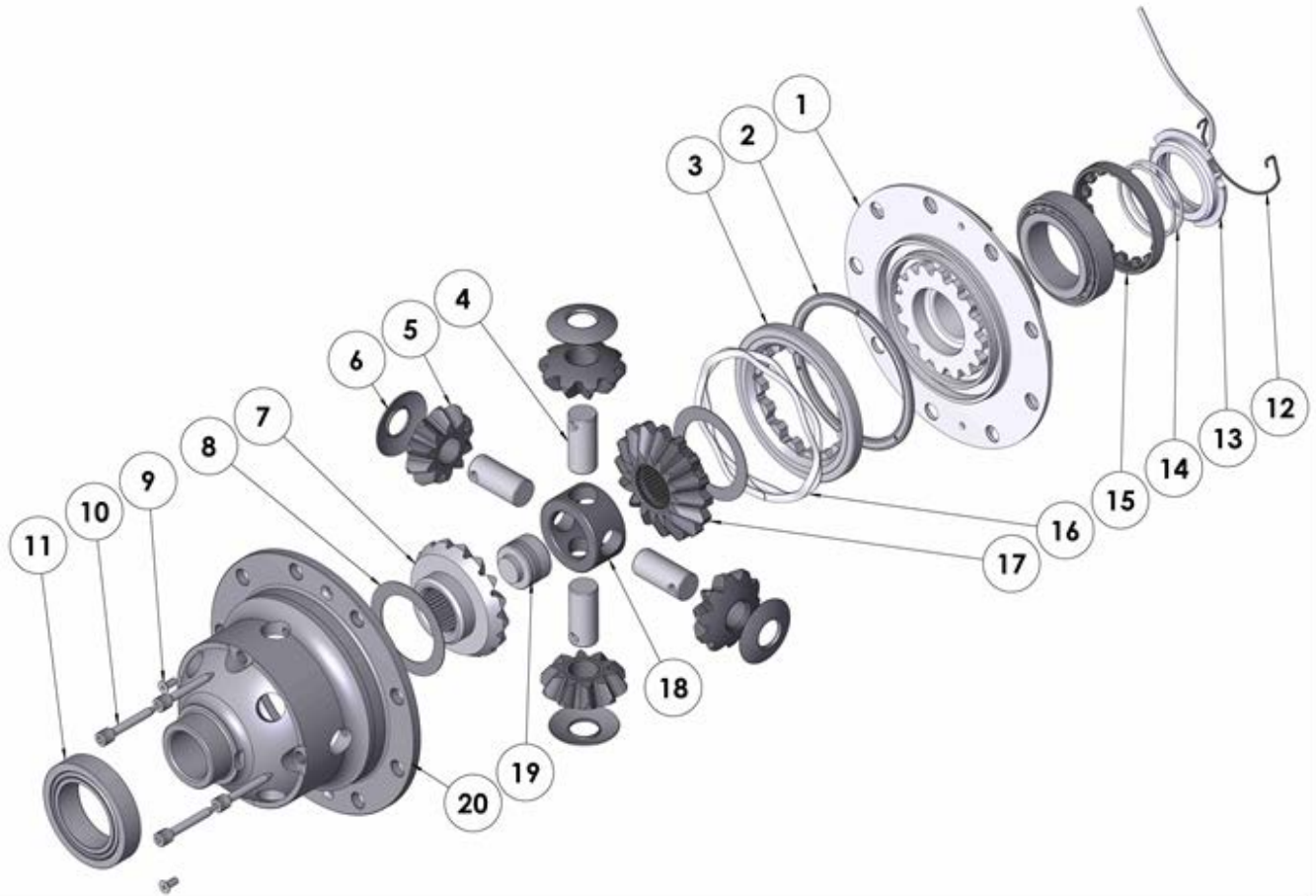
### NOTES

- 1 For replacement O-rings use only BS136 Viton 75.
- 2 For replacement Bearing use Timken Bearing #32010X (ARB# 160116).
- 3 Available only as complete 6 gear set # 728H151
- 4 Available only as complete thrust washer kit #730H01
- 5 Always bench test both engagement and disengagement of the clutch gear before reinstalling *Air Locker* into the vehicle.
- 6 All diffs produced before serial #17070001 came with 5mm air connection system. For information contact ARB.
- Refer to seal housing set-up tech note ([Sec. 5.2](#)).
- Refer to pinion modification tech note ([Sec. 5.6](#)).

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### EXPLODED DIAGRAM



### SPECIFICATIONS

|                     |                            |
|---------------------|----------------------------|
| Axle Spline         | 31 tooth, Ø32mm [1.26"]    |
| Ratio Supported     | All                        |
| Ring Gear ID        | 146.0mm [5.75"]            |
| Ring Gear Bolts     | 9 bolts on Ø180mm [7.09"]  |
| Ring Gear Bolt Size | 10mm                       |
| Ring Gear Torque    | 86Nm [64 ft-lb]            |
| Backlash            | 0.15-0.20mm [0.006-0.008"] |
| Bearing Cap Torque  | 99Nm [73 ft-lb]            |

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