

### RD186

AMC 20, 3.08 & UP

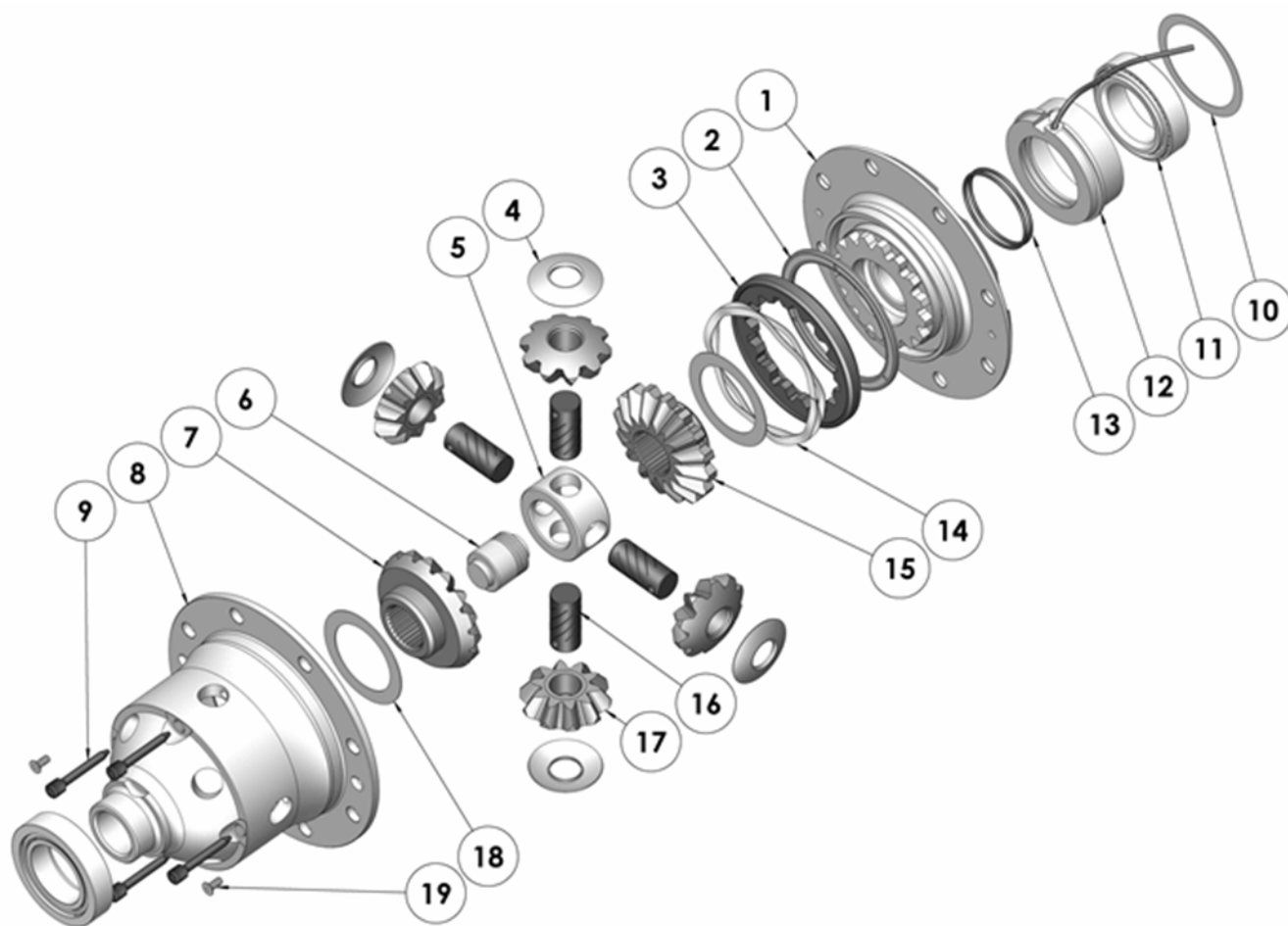
### PARTS LIST

| ITEM # | QTY | DESCRIPTION                        | PART #   | NOTES |
|--------|-----|------------------------------------|----------|-------|
| 1      | 1   | FLANGE CAP KIT                     | 027332SP |       |
| 2      | 1   | BONDED SEAL                        | 160702SP |       |
| 3      | 1   | CLUTCH GEAR & WAVESPRING KIT       | 050906SP |       |
| 4      | 4   | PINION THRUST WASHER               | SEE NOTE | 4     |
| 5      | 1   | SPIDER BLOCK                       | 070201SP |       |
| 6      | 1   | THRUST BLOCK                       | 110510SP |       |
| 7      | 1   | SIDE GEAR                          | SEE NOTE | 3     |
| 8      | 1   | DIFFERENTIAL CASE                  | 013032SP |       |
| 9      | 1   | RETAINING PIN SET (PK OF 4)        | 120601SP |       |
| 10     | 1   | SHIM KIT                           | SHK008   |       |
| 11     | 1   | TAPERED ROLLER BEARING             | 160109   | 2     |
| 12     | 1   | SEAL HOUSING KIT                   | 081501SP |       |
| 13     | 1   | SEAL HOUSING O-RINGS (PK OF 2)     | 160227SP | 1     |
| 14     | 1   | WAVESPRING                         | 150706SP |       |
| 15     | 1   | LOCKING SIDE GEAR                  | SEE NOTE | 3     |
| 16     | 4   | SHORT CROSS SHAFT                  | 060403SP |       |
| 17     | 4   | PINION GEAR                        | SEE NOTE | 3     |
| 18     | 2   | SIDE GEAR THRUST WASHER            | SEE NOTE | 4     |
| 19     | 1   | COUNTERSUNK SCREW (PK OF 2)        | 200213SP |       |
| *      | 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 (FRONT)               | 180210SP |       |
| *      | 1   | SWITCH COVER (REAR)                | 180211SP |       |
| *      | 1   | CABLE TIE (PK OF 25)               | 180305   |       |
| *      | 1   | OPERATING & SERVICE MANUAL         | 210200   |       |
| *      | 1   | INSTALLATION GUIDE                 | 2102186  |       |

\* *Not illustrated in exploded view*

### NOTES

- 1 For replacement O-rings use only BS138 Viton 75.
- 2 For replacement bearing use Timken part # LM102949 / LM102910
- 3 Available only as complete 6 gear set # 728H231
- 4 Available only as complete thrust washer kit #730H01
- For ratios of 2.73:1 and down refer to RD187 (Section 2.187).

**EXPLODED DIAGRAM****SPECIFICATIONS**

|                    |                              |
|--------------------|------------------------------|
| Axle Spline        | 29 tooth, Ø31.5mm [1.24"]    |
| Ratio Supported    | 3.08:1 & UP                  |
| Ring Gear ID       | 136.6mm [5.38"]              |
| Ring Gear OD       | 225.6mm [8.88"]              |
| Ring Gear Bolts    | 8 bolts on Ø165.00mm [6.49"] |
| Ring Gear Torque   | 88Nm [65 ft-lb]              |
| Backlash           | 0.15-0.25mm [0.006-0.010"]   |
| Bearing Cap Torque | 88Nm [65 ft-lb]              |