



AIRLOCKER 
**INTERNATIONAL
VEHICLE APPLICATION
GUIDE**

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Service and Parts Manual
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AIR OPERATED LOCKING DIFFERENTIALS

INTERNATIONAL

VEHICLE APPLICATION CHART

This listing covers most known Australian and International applications but is not a complete list of all possible applications globally.

For applications not specifically referred to in this listing, please contact ARB or your local ARB stockist. Model years and names may vary greatly depending on point of sale. Use axle shaft spline count and / or ring & pinion ratio to distinguish between similar models where possible.

DECEMBER 2020

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| CHEVROLET / GMC / HUMMER | | | | | | | | |
|--|---|--|---|------------------------------|------------------|------------------------|------------------------|--------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. | |
| 10/1500 Series, C, G, K, P, Blazer, Jimmy, Yukon, Suburban ¹ , Vans | Front | To 1980 | Dana M44, 3600lb | 33.3 (1.31") | 30 | 3.92 & UP | ● RD116 ⁶ | |
| | | 1977-89 | GM 10 bolt | 30.5 (1.20") | 28 | 3.73 & DN | ● RD117 ⁶ | |
| | Rear | 1989 on | GM 10 bolt, 8.5" dia. RG, semi floating | 33.3 (1.31") | 30 | 2.73 & UP | ● RD221 ² | |
| | | 1982-89 | GM 10 bolt, 8.5" dia. RG, semi floating | 30.5 (1.20") | 28 | 2.73 & UP | ● RD221 ² | |
| | | 1982 on | GM 14 bolt, 9.5" dia. RG, semi floating | 34.8 (1.37") | 33 | LOW SPEED | RD254 ¹⁰ | |
| | | To 1982 | GM 12 bolt, 8.875" dia. RG, semi floating | 33.3 (1.31") | 30 | HIGH SPEED | RD197 ¹⁰ | |
| 20/2500 Series, C, G, K, P, Cab Chassis, Pickup, Suburban ¹ , Rally, Sportvan | Front | To 1980 | Dana 44 | 33.3 (1.31") | 30 | 3.92 & UP | ● RD116 ⁶ | |
| | | 1977-89 | GM 10 bolt | 30.5 (1.20") | 28 | 3.73 & DN | ● RD117 ⁶ | |
| | Rear | 1982 on | GM 14 bolt, 9.5" dia. RG, 4800-5700lb | 34.8 (1.37") | 33 | 2.73 & UP | ● RD221 ² | |
| | | 1980-93 | GM 10 bolt, 8.5" dia. RG, semi floating | 30.5 (1.20") | 28 | LOW SPEED | RD254 ¹⁰ | |
| | | 1975-77 | Dana 60HD | 38.1 (1.50") | 35 | HIGH SPEED | RD197 ¹⁰ | |
| | | To 1974 | Dana 60 | 33.3 (1.31") | 30 | 2.73 & UP | RD221 ² | |
| | To 1974 | Dana 60 | 33.3 (1.31") | 30 | 4.56 & UP | ● RD166 | | |
| | | 1973 on | GM 14 bolt, 10.5" dia. RG full floating | 39.0 (1.56") | 30 | 4.10 & DN | ● RD167 | |
| | 30/3500 Series, C, K, G, P, RV, Pickup, Suburban ¹ , Rally, Sportvan, 2500HD | Front | 1977-90 | Dana 60HD | 38.1 (1.50") | 35 | 4.56 & UP | ● RD166 |
| | | | 1989-2010 | GM IFS 9.25" dia. RG | 34.8 (1.37") | 33 | 4.10 & DN | ● RD167 |
| Rear | | 2011 on | AAM 925 IFS | | | LOW SPEED | RD254 ¹⁰ | |
| | | 1988 on | GM 14 bolt, 9.5" dia. RG, semi floating | 34.8 (1.37") | 33 | HIGH SPEED | RD197 ¹⁰ | |
| | | 1976 on | Dana 70HD ^{3,4} | 38.1 (1.50") | 35 | 4.56 & UP | RD172 ⁸ | |
| | | | Dana 70U | 38.1 (1.50") | 35 | 4.10 & DN | RD173 ⁶ | |
| 1975-86 | | Dana 60HD, full floating | 38.1 (1.50") | 35 | 4.56 & UP | RD172 ⁸ | | |
| | | | | | | 4.10 & DN | RD173 ⁶ | |
| 1973 on | | GM 14 bolt, 10.5" dia. RG, full floating | 39.0 (1.56") | 30 | 4.56 & UP | ● RD166 | | |
| | | 2001 on | AAM 1150 (11.5") | 39.0 (1.56") | 30 | 4.10 & DN | ● RD167 | |
| 3500 HD | Rear | 1992 on | Dana 80 | 38.1 (1.50") | 35 | All ⁵ | RD114 ⁸ | |
| | | 2001 on | AAM 1150 (11.5") | 39.0 (1.56") | 30 | All | RD139 | |
| | 1992 on | GM 14 bolt, 10.5" dia. RG full floating | 39.0 (1.56") | 30 | 4.10 & UP | RD172 ^{6,7,9} | | |
| | | 2001 on | AAM 1150 (11.5") | 39.0 (1.56") | 30 | 3.73 & DN | RD173 ^{6,7,9} | |
| | 1992 on | GM 14 bolt, 10.5" dia. RG full floating | 39.0 (1.56") | 30 | 4.10 & UP | RD174 ^{6,7,9} | | |
| | | 2001 on | AAM 1150 (11.5") | 39.0 (1.56") | 30 | 3.73 & DN | RD175 ^{6,7,9} | |
| | 1992 on | GM 14 bolt, 10.5" dia. RG full floating | 39.0 (1.56") | 30 | All ⁵ | RD114 ⁸ | | |
| | | 2001 on | AAM 1150 (11.5") | 39.0 (1.56") | 30 | All | RD139 | |
| | Hummer H1 | Front | 1983 on | AMC Model 20, 8.875" dia. RG | 31.8 (1.25") | 29 | 2.73 | RD187 ⁴ |
| | | Rear | 1983 on | AMC Model 20, 8.875" dia. RG | 31.8 (1.25") | 29 | 2.73 | RD187 ⁴ |
| Hummer H2 | Front | 2003 on | GM IFS 9.25" dia. RG | 34.8 (1.37") | 33 | LOW SPEED | RD254 ¹⁰ | |
| | Rear | 2003 on | GM 14 bolt, 9.5" dia. RG, semi floating | 34.8 (1.37") | 33 | HIGH SPEED | RD197 ¹⁰ | |
| Hummer H3, Chevrolet Colorado S/10, GMC Canyon | Front | 2006 on | AAM 760, IFS | 30.5 (1.20") | 28 | LOW SPEED | RD254 ¹⁰ | |
| | Rear | 2006 on | GM 10 bolt, 8.5" dia. RG, semi floating | 33.3 (1.31") | 30 | HIGH SPEED | RD197 ¹⁰ | |

● ARB Diff Cover available (RED and/or BLACK).

¹ Suburban kept 10 bolt front and rear ends until 1991. Keep in mind spline change in 1989.

² If vehicle was manufactured in 1989/90 check spline count to determine which model is needed.

³ Some 1988 and newer trucks use a unique Dana 70-3HD. Special fitment is required.

⁴ 1999 and newer axle shafts may need .005" dia. removed for proper fit.

⁵ 4.56 & UP ratios must use 'thick' type high offset gearset.

⁶ See performance section of this guide for non-standard upgrade model(s) available for this application.

⁷ Air Locker flange holes must be drilled or reamed to suit 9/16" bolts for Dana 80 applications.

⁸ See performance section of this guide for non-standard upgrade model(s) available for this application.

⁹ Consult your gear supplier to confirm proper application.

¹⁰ Refer to R&P manufacturer for correct carrier break.



| CHRYSLER / JEEP | | | | | | | |
|---|------------|--------------|---|------------------------------|--------------|------------------------|--|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| CJ(5, 6, 7 & 8), YJ & TJ Wrangler, XJ Cherokee, XJ Wagoneer, ZJ, WJ Grand Cherokee ³ | Front | 1971 on | Dana 30 | 29.5 (1.16") | 27 | 3.73 & UP 3.54 & DN | ● RD100 ^{3,6} ● RD101 ³ |
| | | 2003 on | TJ Wrangler Rubicon w/ OEM 4.10:1 gears | 33.3 (1.31") | 30 | 4.10:1 | ● RD117 ⁶ |
| | Rear | 2003 on | TJ Wrangler Rubicon w/ OEM 4.10:1 gears | 33.3 (1.31") | 30 | 4.10:1 | ● RD117 ⁶ |
| | | 1993-2004 | Dana 44A, ZJ C-clip; WJ non C-clip | 33.3 (1.31") | 30 | All | RD226 ³ |
| | | 1990 on | Dana 35 ¹ , C-clip, XJ, YJ, ZJ, TJ, WJ | 29.5 (1.16") | 27 | 2.73-3.31 | ● RD103 ⁵ |
| | | 1997-00 | Chrysler 8.25" dia. RG, C-clip | 30.7 (1.21") | 29 | 3.54 & UP | ● RD102 ^{5,6} |
| | | to 1996 | Chrysler 8.25" dia. RG, C-clip | 29.5 (1.16") | 27 | All | ● RD93 |
| | | 1997 on | Dana 44, TJ model only | 33.3 (1.31") | 30 | 3.92 & UP | ● RD116 ^{5,6} |
| | | 1985-89 | Dana 35 ¹ , non C-clip | 29.5 (1.16") | 27 | 3.73 & DN | ● RD117 ^{5,6} |
| | | 1987-89 | Dana 44, Commanche truck | 33.3 (1.31") | 30 | 2.73-3.31 | ● RD103 |
| | | 1986-91 | Dana 44, XJ w/ metric ton package | 33.3 (1.31") | 30 | 3.54 & UP | ● RD102 ⁵ |
| | | 1976-85 | AMC Model 20, 8.875" dia. RG | 31.8 (1.25") | 29 | 3.92 & UP | ● RD116 ⁵ |
| | | 1969-75,86 | Dana 44-3R | 33.3 (1.31") | 30 | 3.73 & DN | ● RD117 ^{5,6} |
| 1966-68 | Dana 44-R | 31.8 (1.25") | 19 | 2.73 & DN | RD187 | | |
| JK Wrangler (not Rubicon models) | Front | 2007 on | Dana 30 | 29.5 (1.16") | 27 | 3.73 & UP 3.54 & DN | ● RD100 ⁵ ● RD101 |
| | | 2007 on | Dana 35 | TBD | TBD | All | TBD |
| JK Wrangler Rubicon | Rear | 2007 on | Dana 44 | 33.3 (1.31") | 30 | All | ● RD117 ^{5,6} |
| | | 2007 on | replacement for 32 SPL Rock-Trac e-locker (axle upgrade required - see note 7) | | All | All | ● RD157 ⁷ |
| KJ,KK, Jeep Liberty, Cherokee | Front | 2001 on | Dana 30 IFS | 29.5 (1.16") | 27 | 3.73 & UP 3.54 & DN | RD100 ⁵ RD101 |
| | | 2001 on | Chrysler 8.25" dia. RG, C-clip | 30.7 (1.21") | 29 | All | ● RD93 ⁵ |
| Full size AMC Cherokee, Grand Wagoneer | Front | 1974-93 | Dana M44-1F | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁶ ● RD117 ⁶ |
| | | 1971-73 | Dana 30 | 29.5 (1.16") | 27 | 3.73 & UP 3.54 & DN | ● RD100 ⁵ ● RD101 |
| | | 1986-93 | Dana 44 | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁵ ● RD117 ⁶ |
| | Rear | 1980-86 | AMC Model 20, 8.875" dia. RG | 31.8 (1.25") | 29 | 3.08 & UP 2.73 & DN | RD186 ² RD187 |
| | | 1969-79 | Dana M44-3R | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁶ ● RD117 ⁶ |
| | | 1966-69 | Dana M44-R | 31.8 (1.25") | 19 | 3.92 & UP 3.73 & DN | ● NA ● NA |
| JL Wrangler (not Rubicon models) | Front | 2018 on | Dana M186 (Dana 30) | 29.5 (1.16") | 27 | All | ● RD100 |
| | | 2018 on | Dana M210 ¹⁴ | 35.8 (1.41") | 32 | All | ● RD245 |
| | Rear | 2018 on | Dana M200 ¹³ Dana M220 ^{13,14,15} | 31.5 (1.24") 35.8 (1.41") | 29 32 | All | ● RD244 ● RD245 ^{5,9} |
| JL Wrangler Rubicon | Front | 2018 on | Dana M210, axle upgrade required, see note 10 | 38.1 (1.50") | 35 | All | ● RD246 ^{10,11} |
| | Rear | 2018 on | Dana M220, axle upgrade required, see note 10 | 38.1 (1.50") | 35 | All | ● RD246 ^{10,12} |
| JT Gladiator | Front | 2019 on | Dana M210 | 35.8 (1.41") | 32 | All | ● RD245 ⁵ |
| | Rear | 2019 on | Dana M220 | 35.8 (1.41") | 32 | All | ● RD245 ⁵ |
| JT Gladiator Rubicon | Front | 2019 on | Dana M210, axle upgrade required, see note 10 | 38.1 (1.50") | 35 | All | ● RD246 ^{10,11} |
| | Rear | 2019 on | Dana M220, axle upgrade required, see note 10 | 38.1 (1.50") | 35 | All | ● RD246 ^{10,12} |

***All notes on next page

Chrysler / Jeep (Cont.) 

| CHRYSLER / JEEP | | | | | | | |
|---------------------------------------|------------|---------|--|----------------|--------------|------------------------|--|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| J10, Light Truck, FC150, 170, Honcho | Front | 1971-88 | Dana M44-1F | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁶ ● RD117 ⁶ |
| | Rear | 1980-88 | AMC Model 20, 8.875" dia. RG | 31.8 (1.25") | 29 | 3.08 & UP 2.73 & DN | RD186 ² RD187 |
| | | 1970-88 | Dana M44-R | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁶ ● RD117 ⁶ |
| | | 1966-69 | Dana M44-R | 31.8 (1.25") | 19 | 3.92 & UP 3.73 & DN | ● NA ● NA |
| J20, Medium Truck, J30, Heavy Truck | Front | 1970-88 | Dana M44-1F | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁶ ● RD117 ⁶ |
| | Rear | 1974-88 | Dana M60-3R | 33.3 (1.31") | 30 | 4.56 & UP 4.10 & DN | ● RD162 ● RD163 |
| | | 1969-73 | Dana M60-2R | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ● RD167 |
| WK/WH Grand Cherokee, XK/XH Commander | Front | 2005-10 | TBD | | | | |
| | Rear | 2005-10 | Chrysler 8.25" dia. RG, non-C-clip | 30.7 (1.21") | 29 | ALL | ● RD93 ^{5,8} |
| WK2/WH2 Grand Cherokee | Front | 2005-10 | Dana 44A (WK/WH: SRT8 only; XK/XH: 2WD only) | 33.3 (1.31") | 30 | ALL | RD226 ³ |
| | Rear | 2011 on | ALL | | | | NA |
| | Rear | 2011 on | ALL | | | | NA |

- ARB Diff Cover available (RED and/or BLACK).

¹ The "C" in "Dana 35C" does not represent C-clip. They are manufactured in both C-clip and non C-clip models.

Air Locker model RD102, RD103 and RD105 suits both types of axles regardless.

² Air Locker model RD186 has a floating thrust block to suit vehicles with tapered axles.

The thrust block must not be used when swapping to full floating axles and some one-piece axle shaft conversions.

³ Quadradrive traction control vehicles require non-Quadradrive axle shaft replacements for Air Locker installation.

⁴ Pre-1997 8.25" axle assemblies with 27 spline axle shafts will accept newer 29 spline shafts if RD93 is fitted.

⁵ Newer OEM Dana 35, Dana 44 & Chrysler 8.25" ring gears may have 3/8", 7/16", or 1/2" ring gear bolts.

Air Locker flange holes must be drilled or reamed larger to suit 7/16" or 1/2" bolts.

⁶ See performance section of this guide for non-standard upgrade model(s) available for this application.

⁷ JK Rubicon's Rock-Trac system e-locker replacement requires upgrade to 35 spline axle shafts (sold separately).

⁸ Does not suit Quadra-Drive ELSD equipped vehicles.

⁹ RD245 must NOT be used in JL Rubicons. It must only be used in JL Sport/Sahara vehicles equipped with M220 differential.

¹⁰ RD246 requires upgrade to aftermarket 35 spline axle shafts (sold separately).

¹¹ To use RD246 in the front of JL Rubicon, aftermarket electronics (not supplied by ARB) are required to modify the ECU to clear error codes.

¹² RD246 cannot be used in rear only applications. It can be used in front only, or front and rear together, however both of these will require aftermarket electronics (not supplied by ARB) to modify the ECU to clear error codes.

¹³ M200 rear axle can be identified by the oil drain plug in the bottom center of axle housing. The M220 rear axle can be identified by the oil drain plug in the left hand side of the housing.

¹⁴ Suits JL Wrangler models with 3.0 V6 Diesel motor.

¹⁵ JL Wrangler models with manual transmission, and auto transmission models with LSD differential use M220 rear axle.



| DODGE | | | | | | | |
|--------------------------------|------------|-------------------|---|------------------------------|------------------|------------------------|--|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| 100, 150, 200, 250, A, B, D, W | Front | All | Dana 44, half ton truck | 33.3 (1.31") | 30 | 3.91 & UP 3.73 & DN | ● RD116 ^{3,4} ● RD117 ^{3,4} |
| | | 1975-93 | Dana 60, three quarter ton truck | 33.3 (1.31") | 30 | 4.56 & UP 4.10 & DN | ● RD162 ● RD163 |
| | | 1989-93 | Dana 70, three quarter ton truck | 35.8 (1.41") | 32 | 4.56 & UP 4.10 & DN | RD170 RD171 |
| | | 1988-95 & 1971-82 | Dana 60HD, three quarter ton truck | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ● RD167 |
| | Rear | 1991-93 | Dana 70, three quarter ton truck | 35.8 (1.41") | 32 | 4.56 & UP 4.10 & DN | RD170 RD171 |
| | | 1988-93 | Dana 70U, three quarter ton truck | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | RD172 ³ RD173 ³ |
| | | 1983-93 | Dana 60 ¹ | 33.3 (1.31") | 30 | 3.54 | ● RD163 |
| | | 1972-82 | Dana 60 | 35.8 (1.41") | 32 | 4.56 & UP 4.10 & DN | ● RD164 ⁵ ● RD165 ⁵ |
| | | | | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ⁵ ● RD167 ⁵ |
| | | | | 33.3 (1.31") | 30 | 4.56 & UP 4.10 & DN | ● RD162 ⁵ ● RD163 ⁵ |
| 300, 350, 400, B, C, M, W | Front | 1976-95 | Dana 60HD | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ● RD167 |
| | | 1971-74 | Dana 70 | 35.8 (1.41") | 32 | 4.56 & UP 4.10 & DN | RD170 ³ RD171 ³ |
| | | 1955 on | Dana 60 | 33.3 (1.31") | 30 | 4.56 & UP 4.10 & DN | ● RD162 ● RD163 |
| | Rear | 1979-93 | Dana 70HD | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | RD172 ³ RD173 ³ |
| | | 1971-93 | Dana 70 | 35.8 (1.41") | 32 | 4.56 & UP 4.10 & DN | RD170 ³ RD171 ³ |
| | | 1993 | Dana 80 | 38.1 (1.50") 40.6 (1.60") | 35 37 | 3.73 & DN 3.73 & DN | RD173 ^{3,6} RD175 ^{3,6} |
| Dakota V6, 1500/2500 Van | Front | 1997 on | Dana 30 (non-standard) | 29.5 (1.16") | 27 | - | NA |
| | Rear | 1997 on to 1996 | Chrysler 8.25" dia. RG, C-clip Chrysler 8.25" dia. RG, C-clip | 30.7 (1.21") 29.5 (1.16") | 29 27 | All All | ● RD93 ⁴ ● N/A ² |
| RAM 1500 | Front | 1994-03 | Dana 44 | 33.3 (1.31") | 30 | 3.91 & UP 3.73 & DN | ● RD116 ^{3,4} ● RD117 ^{3,4} |
| | Rear | 1994-2010 | Chrysler 9.25" dia. RG Chrysler/Dodge/RAM ZF 9.25" dia. RG, C-clip | | 31 31 | | NA RD259 |
| RAM 2500, 3500 | Front | 1994-02 | Dana 60 | 35.8 (1.41") | 32 | 4.56 & UP 4.10 & DN | ● RD164 ⁵ ● RD165 ⁵ |
| | | | | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ⁵ ● RD167 ⁵ |
| | | | | 33.3 (1.31") | 30 | 4.56 & UP 4.10 & DN | ● RD162 ⁵ ● RD163 ⁵ |
| | | | | 2003 on | AAM 925 (9.25") | 34.8 (1.37") | 33 |
| | Rear | 1994-02 | Dana 70 | 35.8 (1.41") | 32 | 4.56 & UP 4.10 & DN | RD170 ³ RD171 ³ |
| | | | | 38.1 (1.50") | 35 | 4.10 & UP 3.73 & DN | RD172 ^{3,6,10} RD173 ^{3,6,10} |
| | | | Dana 80 | 40.6 (1.60") | 37 | 4.10 & UP 3.73 & DN | RD174 ^{3,6,10} RD175 ^{3,6,10} |
| | | | | 2003 on | AAM 1150 (11.5") | 39.0 (1.56") | 30 |

● ARB Diff Cover available (RED and/or BLACK).

¹ 1988 and newer half ton petrol trucks may have either a Chrysler 9.25" or Dana 60. Check spline count.

² Pre-1997 8.25" axle assemblies with 27 spline axle shafts will accept newer, stronger 29 spline shafts if RD93 is used.

³ See performance section of this guide for non-standard upgrade model(s) available for this application.

⁴ Newer OEM Chrysler 8.25" and Dana 44 ring gears may have 3/8", 7/16" or 1/2" ring gear bolts.

Air Locker flange holes must be drilled or reamed larger to suit 7/16" or 1/2" bolts.

⁵ Several axle shaft variants were used. Verify spline count prior to ordering.

⁶ Air Locker flange holes must be drilled or reamed to suit 9/16" bolts for Dana 80 applications.

⁷ 2003-06 use with stock gears only

⁸ 2003-06 use with aftermarket gears only. Use on all 2007-19

⁹ 2016 on dual rear wheel trucks MAY use a 16 bolt ring gear. The RD139 will not fit this application.

¹⁰ Refer to R&P manufacturer for correct carrier break.



| FORD | | | | | | | | |
|---|--------------------------------|--------------------------------|---------------------------------------|--|--------------|------------------------|--|--|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. | |
| Maverick (Nissan Patrol GQ) | Front | All | H233B | 32.0 (1.26") | 31 | All | RD136 ^{6,12} | |
| | Rear | All | H233B | | 33 | All | RD135 ¹² | |
| F100/150 Pickup, E100/150 Van (2WD), Bronco | Front ³ | 1997 on | Ford 8.8" dia. RG, IFS | 30.5 (1.20") | 28 | All | ● RD82 | |
| | | 2010 on | Ford 8.8" dia. RG, IFS (incl. Raptor) | 33.5 (1.32") | 31 | All | ● RD81 | |
| | | 1983-96 | Dana 44, C-clip | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ^{1,4} ● RD117 ^{1,4} | |
| | | To 1982 | Dana 44 | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁴ ● RD117 ⁴ | |
| | Rear | 1976-86 | Ford 9" dia. RG | 33.5 (1.32") | 31 | All | RD119 ⁴ | |
| | | 1977-79 | Dana 44 | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁴ ● RD117 ⁴ | |
| | | To 1979 | Ford 9" dia. RG, 28 spline | 30.5 (1.20") | 28 | All | NA | |
| | | 1997 on | Ford 9.75" dia. RG, C-clip | 34.8 (1.37") | 34 | All | RD150 | |
| | | 1983 on | Ford 8.8" dia. RG | 33.5 (1.32") | 31 | All | ● RD81 | |
| | F250 Pickup, E250 Van (2WD) | Front ³ | 1997-98 | Ford 8.8" dia. RG, 3750lb | 33.5 (1.32") | 31 | All | ● RD81 |
| | | | | 30.5 (1.20") | 28 | All | ● RD82 | |
| 1983-96 | | | Dana 44, C-clip | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ^{1,4} ● RD117 ^{1,4} | |
| | | | To 1983 | Dana 44 | 33.3 (1.31") | 30 | 3.92 & UP 3.73 & DN | ● RD116 ⁴ ● RD117 ⁴ |
| | | | 1980-06 | Dana 50, IFS w/ HD suspension option | 33.3 (1.31") | 30 | All | ● RD158 |
| | | | 1999-02 | Dana 50, live axle | 33.3 (1.31") | 30 | All | ● RD158 |
| Rear | | | 2000-05 | Dana 50, live axle | 33.3 (1.31") | 30 | All | ● RD158 |
| | | | 2000 on | Dana 60, full floating | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ² ● RD167 ² |
| | | | 1985-16 ¹³ | Ford 10.25"/10.5" dia. RG, 6250lb, full floating | 38.1 (1.50") | 35 | All | RD140 ⁷ |
| | | | 1975-84 | Dana 60, full floating | 33.3 (1.31") | 30 | 4.56 & UP 4.10 & DN | ● RD162 ● RD163 |
| | | | 1995-96 | Dana 60, full floating | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ● RD167 |
| | | | 2002 on | Dana 70, full floating | 35.8 (1.41") | 32 | 4.56 & UP 4.10 & DN | RD170 RD171 |
| | | | 1981 on | Dana 60, semi floating (C-clip) | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD168 ● RD169 |
| | | F350 Pickup, E350 Van (2WD) | Front | 1980-04 | Dana 50 | 33.3 (1.31") | 30 | All |
| 1997-00 | Non-HD option | | | 33.3 (1.31") | 30 | All | ● RD158 | |
| 1986 on | Dana 60 | | | 38.1 (1.50") | 35 | All | ● RD167 ² | |
| Rear | | | | | 38.1 (1.50") | 35 | 4.56 & UP | ● RD166 |
| | | | 1985-16 ¹³ | Ford 10.25" dia. RG, 6250lb, full floating | 38.1 (1.50") | 35 | All | RD140 ⁷ |
| | | | 2000-01 | Dana 60 (dual rear wheel axle models) | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ● RD167 |
| | | | 1988 on | Dana 60, full floating | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ● RD166 ● RD167 |
| | | | 1975-85 | Dana 70HD, 10.5" dia. RG | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | RD172 ⁴ RD173 ⁴ |
| | | | 1975-85 | Dana 70U | 38.1 (1.50") | 35 | 4.57 & UP 4.10 & DN | RD172 ⁴ RD173 ⁴ |
| | | | 1973-79 | Dana 60, full floating | 33.3 (1.31") | 30 | 4.56 & UP 4.10 & DN | ● RD162 ● RD163 |

***All notes on next page

| FORD | | | | | | | |
|--|------------------------|---------|--|------------------------------|--------------|-------------------------------------|---|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Explorer, Ranger (US), Aerostar (2WD) | Front | 1990-97 | Dana 35 (V6 only) | 29.5 (1.16") | 27 | 2.73-3.31 3.54 & UP | ● RD103 ¹ ● RD102 ^{1,4} |
| | | 1998-11 | Dana 35 (non-standard) | | | | NA |
| | Rear | 2019 on | IFS,29 spline,aluminium,clamshell type | 31.5 (1.24") | 29 | All | RD219 |
| | | 1990-11 | Ford 8.8" dia. RG, C-clip | 30.5 (1.20") 33.5 (1.32") | 28 31 | All All | ●● RD82 ●● RD81 |
| | | 2019 on | Dana M220 ¹¹ | 35.8 (1.41") | 32 | All | ●● RD245 ¹¹ |
| Courier, Ranger (Thai), Raptor (Aus) | Front | To 2006 | All | | | All | NA |
| | | 2006-12 | IFS,30 spline | 30.8 (1.21") | 30 | All | RD223 |
| | | 2012 on | IFS,29 spline,cast iron,clamshell type | 31.5 (1.24") | 29 | All | RD219 |
| | Rear | To 2006 | 4 cylinder, Dana banjo type | 30.8 (1.21") | 30 | All | RD123 ⁵ |
| | | | 6 cylinder, salisbury type | 32.8 (1.29") | 30 | All | NA |
| | | 2006-11 | Dana 44,32 spline | 35.8 (1.41") | 32 | All | RD143 |
| | | 2012 on | All models (incl. OE locker equipped) ⁹ | 34.6 (1.36") | 32 | All | RD220 ⁹ |
| 2018 on | Raptor rear diff - TBD | | | | All | NA | |
| Expedition | Front | 1997 on | Ford 8.8" dia. RG, C-clip | 30.5 (1.20") | 28 | All | ●● RD82 |
| | Rear | 1997 on | Ford 9.75" dia. RG | 34.8 (1.37") | 34 | All | RD150 |
| F450/550 Pickup, Super Duty Van (2WD), E/F350 Dually | Front | 1997 on | Dana 60 | 38.1 (1.50") | 35 | 4.56 & UP 4.10 & DN | ●● RD166 ●● RD167 |
| | Rear | 1996 on | Dana 80 | 40.6 (1.60") | 37 | 4.10 & UP | RD174 ^{4,8,10} |
| | | 1988 on | Dana 80 | 38.1 (1.50") | 35 | 3.73 & DN 4.10 & UP 3.73 & DN | RD175 ^{4,8,10} RD172 ^{4,8,10} RD173 ^{4,8,10} |
| Everest | Front | 2015 on | IFS,29 spline,clamshell type | 31.5 (1.24") | 29 | All | RD219 |
| | Rear | 2015 on | Everest rear diff - TBD | | | All | NA |

- ARB Diff Cover available (RED and/or BLACK).

¹ The C-clip used in the OE differential cannot be used in the Air Locker. Refer to installation guide or Air Locker Service & Parts Manual for alternative 'spring retained stub' fitment method.

² Reverse rotation Dana 60 front ends with aftermarket ring & pinion sets all use RD167 regardless of the gear ratio.

³ Dana 44's, 50's, 60's and Ford 8.8's were all found in these vehicles. Use housing markings and axle splines to identify.

⁴ See performance section of this guide for non-standard upgrade model(s) available for this application.

⁵ Suits the shimmed type third member (not the early adjuster nut type) which can be visually identified by the Dana logo cast into the third member between the two fins of the right hand side.

⁶ Floating thrust block(s) are included but should ONLY be installed on semi-floating axle assemblies.

⁷ Ford's 10.25" & 10.5" Corporate Sterling (RD140) can be identified by the absence of a filler hole in the OE inspection cover.

⁸ Air Locker flange holes must be drilled or reamed to suit 9/16" bolts for Dana 80 applications.

⁹ Models equipped with OE locking rear diff (LRD) require axle shafts replaced with non-LRD axles. Further details in installation guide.

¹⁰ Consult your gear supplier to confirm proper application.

¹¹ When installing RD245 an aftermarket ring and pinion set to suit JL Jeep Wrangler Rubicon version M220 differential is required due to Ford welded ring gear. Confirm ratios before ordering ring and pinion set.

¹² RD135 & RD136 require the higher rated 50mm ID carrier bearing (Timken #32010X - ARB #160116).

¹³ Some early 2017 F250 and F350's were supplied with the 10.5" Sterling axle.



| HOLDEN | | | | | | | |
|---|------------|---------|--|----------------|--------------|------------------------|--|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Holden Jackaroo | Front | 1988 on | Independent suspension (IFS) | 28.4 (1.12") | 17 | All | RD203 ¹ |
| | Rear | 1987-91 | Turbo diesel & V6 petrol only | 33.5 (1.32") | 26 | All | RD213 |
| | | 1993-97 | All models | 33.5 (1.32") | 26 | All | RD213 |
| | | 1998-99 | Non-LSD models | 38.1 (1.50") | 23 | All | NA ³ |
| | | 2000 on | | 38.1 (1.50") | 23 | All | NA ³ |
| Holden Rodeo/Colorado, Colorado 7/Trailblazer | Front | 1988 on | Independent suspension (IFS) | 28.4 (1.12") | 17 | All | RD203 ¹ |
| | Rear | 2012 on | AAM 760,IFS | 30.5 (1.20") | 28 | All | RD148 |
| | | 1987-91 | 4x4 diesel & 4x2 diesel models | 33.5 (1.32") | 26 | All | RD213 |
| | | 1993 on | All models including 4x2 | 33.5 (1.32") | 26 | All | RD213 ⁴ |
| | | 2012 on | AAM 860 (8.6") | 33.3 (1.31") | 30 | All | RD222 |
| Holden Suburban | Front | 1998 on | | | | | NA |
| | Rear | 1998 on | 1500 petrol engine 2500 diesel engine | 33.3 (1.31") | 30 | 2.73 & UP | ●● RD222 NA |
| Holden Frontera/Sport | Front | 1990 on | Independent suspension (IFS) | 28.4 (1.12") | 17 | All | RD203 ¹ |
| | Rear | 1999 on | Dana 44 | 33.3 (1.31") | 30 | 4.56 & UP 4.13 & DN | ●● RD117 ^{2,5} ●● RD117 ² |

- ARB Diff Cover available (RED and/or BLACK).

¹ Some builds between December 1996 and May 1998 used an unidentified 3rd member and carrier with a different ring gear bolt pattern. A 3rd member with the same ratio may be swapped from earlier or later models for Air Locker installation.

² Aftermarket Dana 44 ring and pinion ratios of 4.56 & up will require RD116 instead.

³ Third member may be swapped from pre-2000 non-LSD model for RD85 fitment (now discontinued).

⁴ 2003 on models may require thrust block removal or axle shaft shortening.

⁵ See performance section of this guide for non-standard upgrade model(s) available for this application.



| HYUNDAI | | | | | | | |
|----------------------|------------|---------|-------------------------------|----------------|--------------|-------|--------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Terracan | Front | 2001 on | All models | 28.8 (1.13") | 28 | All | RD110 ¹ |
| | Rear | 2001 on | All models | 34.8 (1.37") | 34 | All | RD156 |
| Galloper/Galloper II | Front | | All models | 28.8 (1.13") | 28 | All | RD110 ¹ |
| | Rear | | 8.00" 10 bolt RG ² | 30.5 (1.20") | 28 | All | RD210 |
| | | | 9.00" 12 bolt RG ³ | 30.5 (1.20") | 28 | All | RD212 |

¹ Air Locker fitment requires larger ring gear bolt holes. Reaming from Ø10.2mm to 12.2mm [31/64"] is required.

² 8" differential has a crown wheel inside diameter of 124mm.

³ 9" differential has a crown wheel inside diameter of 145mm.



| ISUZU | | | | | | | |
|------------------------------------|------------|---------|--------------------------------|----------------|--------------|------------------------|--|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Isuzu Trooper | Front | 1988 on | Independent suspension (IFS) | 28.4 (1.12") | 17 | All | RD203 ¹ |
| | Rear | 1987-91 | Turbo diesel & V6 petrol only | 33.5 (1.32") | 26 | All | RD213 |
| | | 1993-97 | All models | 33.5 (1.32") | 26 | All | RD213 |
| | | 1998-99 | Non-LSD models | 38.1 (1.50") | 23 | All | NA |
| | | 2000 on | | 38.1 (1.50") | 23 | All | NA |
| Isuzu Pickup,D-Max Opel Campo, MUX | Front | 1988 on | Independent suspension (IFS) | 28.4 (1.12") | 17 | All | RD203 ¹ |
| | Rear | 1987-91 | 4x4 diesel & 4x2 diesel models | 33.5 (1.32") | 26 | All | RD213 |
| | | 1993 on | All models including 4x2 | 33.5 (1.32") | 26 | All | RD213 |
| | | 2021 on | OE Locked Models - TBD | | | | NA |
| Isuzu Rodeo/Sport, Isuzu Amigo, MU | Front | 1990 on | Independent suspension (IFS) | 28.4 (1.12") | 17 | All | RD203 ¹ |
| | Rear | 1999 on | Dana 44 | 33.3 (1.31") | 30 | 4.56 & UP 4.13 & DN | ●● RD117 ^{2,3} ●● RD117 ³ |
| Isuzu Axiom, Honda Passport | Front | 2001 on | Independent suspension (IFS) | 28.4 (1.12") | 17 | All | RD203 ¹ |
| | Rear | 2001 on | Dana 44 | 33.3 (1.31") | 30 | 4.56 & UP 4.13 & DN | ●● RD117 ^{2,3} ●● RD117 ³ |

- ARB Diff Cover available (RED and/or BLACK).

¹ Some builds between December 1996 and May 1998 used an unidentified 3rd member and carrier with a different ring gear bolt pattern. A 3rd member with the same ratio may be swapped from earlier or later models for Air Locker installation.

² Aftermarket Dana 44 ring and pinion ratios of 4.56 & up will require RD116 instead.

³ See performance section of this guide for non-standard upgrade model(s) available for this application.



| LAND ROVER | | | | | | | |
|--|------------|---------|--|----------------|--------------|-------|----------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Range Rover | Front | To 1993 | Rover type | 28.2 (1.11") | 10 | 3.54 | RD127 ^{1,4} |
| | | 1993-96 | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ^{1,5} |
| | | 1994-01 | Rover type, P38A | 31.5 (1.24") | 24 | 3.54 | RD138 ⁵ |
| | Rear | 2002 on | Rover type, L322 | | | | NA |
| | | To 1993 | Rover type | 28.2 (1.11") | 10 | 3.54 | RD127 ^{1,4} |
| | | 1993-96 | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ^{1,5} |
| Discovery | Front | To 1993 | Rover type | 28.2 (1.11") | 10 | 3.54 | RD127 ¹ |
| | | 1993-98 | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ^{1,5} |
| | Rear | To 1993 | Rover type | 28.2 (1.11") | 10 | 3.54 | RD127 ¹ |
| Discovery Series II | Front | All | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ^{1,5} |
| | | All | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ⁶ |
| | Rear | 2002 on | Rover type, P38A | 31.5 (1.24") | 24 | 3.54 | RD138 ⁶ |
| Discovery Series III/IV, Range Rover Sport | Front | 2004 on | IFS, 29 spline, clamshell type | 31.5 (1.24") | 29 | All | RD217 |
| | Rear | 2004-09 | IRS, 31 spline, clamshell type, Disco 3 only | 33.6 (1.32") | 31 | All | RD218 |
| Defender 110, 130, County | Front | 1983-93 | Rover type | 28.2 (1.11") | 10 | 3.54 | RD127 ¹ |
| | | 1993 on | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ^{1,5} |
| Defender 90, County | Rear | 1983-02 | Salisbury type | 31.5 (1.24") | 24 | 3.54 | ● RD161 |
| | | 2002 on | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ⁶ |
| | Front | 1984-93 | Rover type | 28.2 (1.11") | 10 | 3.54 | RD127 ¹ |
| | | 1993 on | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ^{1,5} |
| LWB models V8 engine | Rear | 1983-93 | Rover type, 4 cyl. petrol & diesel engines | 28.2 (1.11") | 10 | 3.54 | RD127 ¹ |
| | | 1993 on | Rover type | 31.5 (1.24") | 24 | 3.54 | RD128 ^{1,6} |
| | Front | 2002 on | Rover type, P38A | 31.5 (1.24") | 24 | 3.54 | RD138 ⁶ |
| Series III, Series II, Series I | Front | 1979-83 | Rover type | 28.2 (1.11") | 10 | 3.54 | RD127 |
| | | 1979-83 | Salisbury type | 31.5 (1.24") | 24 | 3.54 | ● RD161 |
| Series III, Series II, Series I | Rear | 1948-85 | Rover type | 28.2 (1.11") | 10 | 4.7 | RD127 ^{2,3} |
| | | 1948-85 | Salisbury type | 31.5 (1.24") | 24 | 4.7 | ● RD160 |
| | Front | 1948-85 | Rover type | 28.2 (1.11") | 10 | 4.7 | RD127 ^{2,3} |
| Series III, Series II, Series I | Rear | 1948-85 | Salisbury type | 31.5 (1.24") | 24 | 4.7 | ● RD160 |
| | | 1948-85 | Rover type | 28.2 (1.11") | 10 | 4.7 | RD127 ^{2,3} |
| Series III, Series II, Series I | Rear | 1948-85 | Salisbury type | 31.5 (1.24") | 24 | 4.7 | ● RD160 |
| | | 1948-85 | Rover type | 28.2 (1.11") | 10 | 4.7 | RD127 ^{2,3} |

● ARB Diff Cover available (RED and/or BLACK).

¹ If vehicle was manufactured during 1993, check spline count.

² Air Locker not available for vehicles equipped with high load option.

³ 190102 ring gear spacer required. Longer ring gear bolts (not supplied) are also necessary - (Land Rover part no. 576521).

⁴ When an RD127 Air Locker is to be installed in Range Rovers manufactured prior to 1980 (approx.), special carrier bearings

(No. K11300/K11162) may also be necessary - Land Rover part no. RTC3426.

⁵ Some vehicles have crown wheel bolts which cannot be reused and must be replaced. Consult service manual.

⁶ P38A is most commonly found in traction control equipped vehicles. Identify P38A type diff by large 205mm [8.07"] flange diameter.

P38A was not used on North American delivered Discoverys - use RD128.



| MAZDA | | | | | | | |
|--------------------|------------|---------|--|----------------|--------------|-----------|----------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Bravo (Thai) | Front | All | | | | | NA |
| | Rear | To 2006 | 2500/2600, 4 cylinder, Dana banjo type | 30.8 (1.21") | 30 | All | RD123 ¹ |
| BT-50 (Thai) | Front | 2006-12 | IFS, 30 spline | 30.8 (1.21") | 30 | All | RD223 |
| | | 2012 on | IFS, 29 spline, clamshell type | 31.5 (1.24") | 29 | All | RD219 |
| | Rear | 2006-11 | Dana 44,32 spline | 35.8 (1.41") | 32 | All | RD143 |
| | | 2012-20 | All models (incl. OE locker equipped) ⁴ | 34.6 (1.36") | 32 | All | RD220 ⁴ |
| Navajo (US) | Front | 1990-94 | Dana 35 | 29.5 (1.16") | 27 | 2.73-3.31 | ● RD103 |
| | | 1990-94 | Ford 8.8" dia. RG, C-clip | 30.5 (1.20") | 28 | 3.54 & UP | ● RD102 ³ |
| B4000, Pickup (US) | Rear | 1990-94 | Ford 8.8" dia. RG, C-clip | 33.5 (1.32") | 31 | All | ● RD82 ² |
| | | 1990-94 | Ford 8.8" dia. RG, C-clip | 33.5 (1.32") | 31 | All | ● RD81 ² |
| | Front | 1993-94 | Dana 35 | 29.5 (1.16") | 27 | 2.73-3.31 | ● RD103 |
| B4000, Pickup (US) | Rear | 1993-94 | Dana 35 | 29.5 (1.16") | 27 | 3.54 & UP | ● RD102 ³ |
| | | 1993 | Ford 8.8" dia. RG, C-clip | 30.5 (1.20") | 28 | All | ● RD82 ² |
| B4000, Pickup (US) | Rear | 1993 | Ford 8.8" dia. RG, C-clip | 33.5 (1.32") | 31 | All | ● RD81 ² |
| | | 1993 | Ford 8.8" dia. RG, C-clip | 33.5 (1.32") | 31 | All | ● RD81 ² |

● ARB Diff Cover available (RED and/or BLACK).

¹ Suits the shimmed type third member (not the early adjuster nut type) which can be visually identified by the Dana logo cast into the third member between the two fins of the right hand side.

² Axle spline must be determined for correct model selection.

³ See performance section of this guide for non-standard upgrade model(s) available for this application.

⁴ Models equipped with OE locking diff (LRD) require axles replaced with non-OE LRD axles. Further details in installation guide.

| MERCEDES BENZ | | | | | | | |
|---------------|------------|---------|------------------|----------------|--------------|-----------|----------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| X220d, X250d | Front | 2018 on | R180A,10 bolt RG | 30.8 (1.21") | 30 | 3.54 & DN | RD231 ¹ |
| | Rear | 2018 on | All | 34.8 (1.37") | 34 | All | RD229 ^{2,3} |
| X350d | Front | 2018 on | C200K,34 SPL | 34.8 (1.37") | 34 | All | RD228 ¹ |
| | Rear | 2018 on | All | 34.8 (1.37") | 34 | All | RD229 ^{2,3} |

¹ Replacement axle shaft seal required, see Mercedes or Nissan for availability.

² Axle shafts from non-locked model are required for fitment. See Mercedes or Nissan.

³ OE diff lock actuator plug will need to be short circuited to avoid warning light coming on.

| MITSUBISHI | | | | | | | |
|---|--------------------------|--------------|---|----------------|--------------------|-------|--------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Montero, Raider, Pajero, Shogun | Front | 1989 on | IFS, 28 spline, 8.00" RG | 28.8 (1.13") | 28 | All | RD110 ⁴ |
| | | 1984-97 | IFS, 25 spline, 7.25" RG | | 25 | All | NA |
| | Rear | 1983-86 | 8.00" 10 bolt RG ¹ | 30.5 (1.20") | 28 | All | RD210 |
| | | 1987-95 | 9.00" 12 bolt RG ² | 30.5 (1.20") | 28 | All | RD212 ³ |
| | | 1993-00 | 3.5L & 2.8TDI, NJ,NK,NL, 9.5" RG, live axle | 33.6 (1.32") | 31 | All | RD154 |
| 2000 on | NM,NP,NS,NT 9.5" RG, IRS | | 33 | All | RD155 ⁵ | | |
| Delica, L300, Starwagon | Front | All | IFS, 28 spline, 8.00" RG | 28.8 (1.13") | 28 | All | RD110 ⁴ |
| | | | IFS, 25 spline, 7.25" RG | | 25 | All | NA |
| | Rear | All | 8.00" 10 bolt RG | 30.5 (1.20") | 28 | All | RD210 |
| | | | 9.00" 12 bolt RG | 30.5 (1.20") | 28 | All | RD212 |
| | | | 9.50" 12 bolt RG | 33.6 (1.32") | 31 | All | RD154 |
| Pajero/Montero iO, Pinin | Front | TBD | TBD | TBD | TBD | TBD | NA |
| | Rear | All | 8.00" 10 bolt RG ¹ | 30.5 (1.20") | 28 | All | RD210 |
| Challenger, Montero Sport, Pajero Sport, Shogun Sport | Front | All | IFS, 28 spline | 28.8 (1.13") | 28 | All | RD110 |
| | Rear | To 2008 | 3.0L petrol, 2.5L diesel, 9.00" RG | 30.5 (1.20") | 28 | All | RD212 |
| | | All | 3.5L, 9.50" 12 bolt RG | 33.6 (1.32") | 31 | All | RD154 |
| | | 2008 on | 2.5L, 9.50" 12 bolt RG | 33.6 (1.32") | 31 | All | RD154 |
| 2016 on | 2.4L, 9.50" 12 bolt RG | 33.6 (1.32") | 31 | All | RD154 | | |
| Triton, L200, Pickup | Front | All | IFS, 28 spline, 8.00" RG | 28.8 (1.13") | 28 | All | RD110 ⁴ |
| | | All | IFS, 25 spline, 7.25" RG | | 25 | All | NA |
| | Rear | All | 9.00" 12 bolt RG | 30.5 (1.20") | 28 | All | RD212 |
| | | 2002 on | 9.50" 12 bolt RG | 33.6 (1.32") | 31 | All | RD154 |

¹ 8" differential has a crown wheel inside diameter of 124mm.

² 9" differential has a crown wheel inside diameter of 145mm.

³ Will not fit 2.8L turbo diesel with intercooler or 3.5L petrol vehicles.

⁴ Some 28 spline axles have the smaller 7.25" RG and will not accept RD110.

⁵ Models equipped with OE locking rear diff (LRD) require axle shafts replaced with non-LRD axles. Further details in installation guide.



| NISSAN | | | | | | | | |
|----------------------------|--------------------|---|---|---|------------------------------|--|--|--|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. | |
| Navara, Terrano, D21, D22 | Front | 1986-15 | R180A,8 bolt RG (4 cyl.) | 27.8 (1.09") | 27 | All | RD182 | |
| | | 1986-03 | R200A,10 bolt RG (6 cyl.) | 30.4 (1.20") | 29 | All | RD202 ⁴ | |
| | Rear | 1986 on | H233B,31 spline (6 cyl.) | 32.0 (1.26") | 31 | All | RD136 ^{3,4,6} | |
| | | 1986-97 | H233B,33 spline (6 cyl.) | 33.3 (1.31") | 33 | All | RD135 ^{3,6} | |
| | | 2002 on | C200,29 spline (4 cyl.) C200,31 spline | 30.4 (1.20") 32.0 (1.26") | 29 31 | All | RD202 ^{1,3,4} RD201 ^{3,4} | |
| Navara, NP300, D23 | Front | 2015 on | R180A,10 bolt RG R180A,10 bolt RG | 30.8 (1.21") 30.8 (1.21") | 30 30 | TBD 3.54 & DN | TBD RD231 | |
| | | Rear | 2015 on | All | 34.8 (1.37") | 34 | All | RD229 ^{9,9} |
| | Navara D40 | Front | 2005 on | R180A,10 bolt RG R180A,10 bolt RG | 27.8 (1.09") 27.8 (1.09") | 27 27 | 3.69 & UP 3.54 & DN | RD180 RD181 |
| Rear | | | 2005 on | D40,M226,10 bolt RG (Spain made) D40,M226,12 bolt RG (Thailand made) | 35.8 (1.41") 35.8 (1.41") | 32 32 | All All | ● RD149 ⁵ ● RD159 ⁵ |
| Frontier D40, Xterra N50 | | Front | 2005 on | R180A,10 bolt RG | 27.8 (1.09") | 27 | 3.69 & UP | RD180 |
| | 2005 on | | R180A,10 bolt RG | 27.8 (1.09") | 27 | 3.54 & DN | RD181 | |
| | Rear | 2005 on | D40,M226,10 bolt RG (Spain made) | 35.8 (1.41") | 32 | All | ● RD149 ⁵ | |
| | | 2005 on | D40,M226,12 bolt RG (Thailand made) | 35.8 (1.41") | 32 | All | ● RD159 ⁵ | |
| | | 2005 on | C200K C200K | 32.0 (1.26") 32.0 (1.26") | 31 31 | 3.54 & UP 3.36 & DN | TBD RD196 | |
| Pathfinder WD21,R50 | Front | 1986-05 | R180A,4 cyl. R200A,6 cyl. | 27.8 (1.09") 30.4 (1.20") | 27 29 | All All | RD182 RD202 ⁴ | |
| | | Rear | 1986-97 | C200,29 spline (4 cyl.) | 30.4 (1.20") | 29 | All | RD202 ^{1,3,4} |
| | | | 1986-05 | H233B,31 spline (6 cyl.) H233B,33 spline (6 cyl.) | 32.0 (1.26") 33.3 (1.31") | 31 33 | All All | RD136 ^{3,4,6} RD135 ^{3,4,6} |
| | Front | 2005 on | R180A,10 bolt RG | 27.8 (1.09") | 27 | 3.69 & UP | RD180 | |
| | | | R180A,10 bolt RG | 27.8 (1.09") | 27 | 3.54 & DN | RD181 | |
| M205 (USA built V8) | | | 32.8 (1.26") | 30 | All | RD224 | | |
| Rear | 2005 on | R230,33 spline,IRS R230,33 spline,IRS | 33.3 (1.31") 33.3 (1.31") | 33 33 | 3.54 & UP 3.36 & DN | RD137 ² NA ² | | |
| Pathfinder R52 | Front | All | TBD | | | | TBD | |
| | Rear | All | TBD | | | | TBD | |
| Y62, Patrol, Infinity QX55 | Front | 2010 on | C200K,31 SPL C200K,34 SPL | 32.0 (1.26") 34.8 (1.37") | 31 34 | All All | RD196 ⁷ RD228 ⁷ | |
| | | | Rear | 2010 on | R248,34 spline,IRS | 34.8 (1.37") | 34 | All |
| | R230,33 spline,IRS | 33.3 (1.31") | | | 33 | 3.54 & UP | RD137 ^{2,3} | |
| | R230,33 spline,IRS | 33.3 (1.31") | | | 33 | 3.36 & DN | NA ² | |
| | Y61, Patrol GU | Front | 1998 on | H233B | 32.0 (1.26") | 31 | All | RD136 ^{4,6} |
| Rear | | | 1998 on | H233B 'small' | 33.3 (1.31") | 33 | All | RD135 ^{3,6} |
| 1998 on | | H260 'large', 37 spline H260 'large', 34 spline, full-floating | 38.4 (1.51") 34.8 (1.37") | 37 34 | All All | RD215 ³ RD214 ³ | | |
| Y60, Patrol GQ | Front | 1988-98 | H233B,31 SPL | 32.0 (1.26") | 31 | All | RD136 ^{4,6} | |
| | | Rear | 1988-98 | H233B,33 SPL | 33.3 (1.31") | 33 | All | RD135 ^{3,6} |
| | 1988-98 | H260, leaf sprung cab chassis & utility | 38.4 (1.51") | 37 | All | RD215 | | |
| 160, Patrol MQ | Front | 1979-88 | C200 | 30.4 (1.20") | 29 | All | RD202 ⁴ | |
| | | Rear ³ | 1979-88 | C200 | 30.4 (1.20") | 29 | All | RD202 ⁴ |
| | Rear ³ | 1979-88 | H233 | 32.0 (1.26") | 31 | All | RD134 | |
| | | 1979-88 | H260 | 38.4 (1.51") | 37 | All | RD215 | |
| Terrano II Wagon | Front | All | TBD | TBD | TBD | TBD | TBD | |
| | | Rear | 1997 on | H233B | 32.0 (1.26") | 31 | All | RD136 ^{3,4,6} |
| | 2003 on | H233B | 33.3 (1.31") | 33 | All | RD135 ^{3,6} | | |
| Titan | Front | 2004 on | M205 | 32.8 (1.29") | 30 | All | RD224 | |
| | | 2016-19 | AAM 9.25 | 34.8 (1.37") | 33 | All | RD254 | |
| | Rear | 2004-09 | M226,32 spline | 35.8 (1.41") | 32 | All | ● RD149 | |
| | | 2009 on | TBD | TBD | TBD | TBD | TBD | |
| Armada | Front | 2004 on | M205 | 32.8 (1.29") | 30 | All | RD224 | |
| | | Rear | 2004 on | R230,33 spline,IRS R230,33 spline,IRS | 33.3 (1.31") 33.3 (1.31") | 33 33 | 3.54 & UP 3.36 & DN | RD137 ² NA ² |

- ARB Diff Cover available (RED and/or BLACK).

¹ Only suitable for differentials with 12mm crown wheel bolts.

² RD137 does not suit ratio up to 3.36:1 due to RG offset.

³ Refer to dealer or check spline count to determine axle type.

⁴ Floating thrust block(s) are included but should ONLY be installed on semi-floating axle assemblies. Refer to installation guide.

⁵ Use country of manufacture to determine diff type.

⁶ RD134, RD135 & RD136 require the higher rated 50mm ID carrier bearing (Timken #32010X - ARB #160116).

⁷ A replacement righthand side axle seal will be required for each removal of the OE straight shaft to access the diff.

⁸ Axle shafts from non-locked model are required for fitment. See Nissan.

⁹ OE diff lock actuator plug will need to be short circuited to avoid warning light coming on.

| SANTANA | | | | | | | |
|---------------|------------|------|---------------------------------|----------------|--------------|-------|--------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Anibal, PS10 | Front | | All models (Land Rover type) | | 10 | All | RD127 ¹ |
| | Rear | | All models | | 24 | All | RD126 |
| PS300 | Front | | 10 bolt RG (Suzuki Vitara type) | 27.4 (1.08") | 26 | All | RD208 |
| | Rear | | 12 bolt RG | 27.4 (1.08") | 26 | All | NA ² |
| PS350 | Front | | 10 bolt RG (Suzuki Vitara type) | 27.4 (1.08") | 26 | All | RD208 ² |
| | Rear | | 12 bolt RG | 27.4 (1.08") | 26 | All | NA ² |

¹ Requires ring gear spacer (ARB part # RD03A) ordered separately.

² Requires 10 bolt RD208 conversion using PS300 front third member assembly of same ratio.

| SSANGYONG | | | | | | | |
|--------------------------|------------|---------|--------------------|----------------|--------------|-------|----------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Musso / Rexton / Korando | Rear | 1996 on | Dana 44, manual | 33.3 (1.31") | 30 | 4.55 | ● RD116 ¹ |
| | | 1996 on | Dana 44, automatic | 33.3 (1.31") | 30 | 3.73 | ● RD117 ¹ |

●● ARB Diff Cover available (RED and/or BLACK).

¹ See performance section of this guide for non-standard upgrade model(s) available for this application.

| SUZUKI | | | | | | | | |
|--|------------|---------------|---|----------------|--------------|-----------------|--------------------|----|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. | |
| Sierra / Samurai / Jimny Holden Drover Maranti Gypsy | Front | 2003 on | Jimny model with 10 bolt RG | 23.9 (0.94") | 22 | All | RD206 | |
| | | 1998-03 | Jimny model with 8 bolt RG | 23.9 (0.94") | 22 | All | RD207 ⁴ | |
| | Rear | 1984-98 | Leaf spring suspension | 23.9 (0.94") | 22 | All | RD205 | |
| | | 1984 on | 1.3 litre models only | 27.4 (1.08") | 26 | All | RD208 | |
| Jimny (Japan only) (JA11, JA12) | Front | 1990-95 | JA11, 660cc turbocharged engines ONLY | 23.9 (0.94") | 22 | All | RD207 ⁴ | |
| | Rear | 1990-98 | JA11 & JA12, 660cc turbocharged engines | 27.4 (1.08") | 26 | All | RD208 | |
| Vitara / Sidekick Grand Vitara, XL7 | Front | 1988-98 | 26 spline | 27.4 (1.08") | 26 | All | RD208 | |
| | | | 22 spline | 23.9 (0.94") | 22 | All | RD205 | |
| | | 1998-05 | 26 spline ADD | 27.4 (1.08") | 26 | All | NA ² | |
| | Rear | 2005 on | | | | | All | NA |
| | | 1988-93 | Suzuki 10 bolt RG | 27.4 (1.08") | 26 | All | RD204 ¹ | |
| | | 1993-00 | Suzuki 12 bolt RG (excl. Grand Vitara) | 27.4 (1.08") | 26 | All | RD209 ¹ | |
| | 1998-05 | 26 spline | 27.4 (1.08") | 26 | All | NA ³ | | |
| | 2005 on | 28 spline IRS | 28.8 (1.13") | 28 | All | NA | | |

¹ Note that in some (Asian) countries, the Dana 30 salisbury type axle was used from 1993 on. See RD100 & RD101.

² Grand Vitara/XL7 (to 2005) front requires conversion using RD208, Vitara/Sidekick third member assembly and free wheeling hubs.

³ Grand Vitara/XL7 (to 2005) rear requires conversion using Vitara/Sidekick third member assembly (& 26 spl axle shafts if required).

No application for current model (2005 on) Grand Vitara.

⁴ See performance section of this guide for non-standard upgrade model(s) available for this application.



| TOYOTA / LEXUS | | | | | | | |
|---|---|------------|--|----------------------------|--------------------|------------------------|--|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| LandCruiser J200 Series, Lexus LX570 | Front | 2007 on | All models | 34.8 (1.37") | 34 | All | RD151 ⁶ |
| | | 2016 on | USA 200 series with 8 speed Auto | 34.8 (1.37") | 34 | 3.307 | NA |
| | Rear | 2007 on | 9.5" dia. RG, 12 bolt | 34.8 (1.37") | 32 | All | RD152 |
| LandCruiser 71, 76, 78, 79, 100 & 105 Series, Lexus LX470 | Front | 1998 on | 8" dia. RG, IFS, 50mm bearing ID | 33 (1.31") | 30 | All | RD131 |
| | | 1998 on | Live axle suspension ⁷ | 33 (1.31") | 30 | All | RD132 ⁷ |
| | Rear | 1998 on | 9.5" dia. RG, 12 bolt OE Locker models | 34.8 (1.37") | 32 | All | RD152 RD253 |
| LandCruiser Prado, 90, 120 and 150 Series, Lexus GX | Front | 1996-03 | 7.5" dia. RG, 10 bolt, IFS | 28 (1.1") | 27 | All | RD90 |
| | | 2003 on | 8" dia. RG, IFS clamshell, 53mm BRNG | 33 (1.31") | 30 | 3.91 & UP 3.73 & DN | RD111 ³ RD121 ³ |
| | Rear | 1996 on | 8" dia. RG, 10 bolt | 33 (1.31") | 30 | All | RD132 |
| | | 2009 on | 8.15" dia. RG, 12 bolt (shimmed) OE Locker models | 33 (1.31") 33 (1.31") | 30 30 | All All | RD193 NA |
| LandCruiser 40, 55, 60, 62, 70, 73, 74, 75 & 80 Series, Lexus LX450 | Front | To 1989 | 12 bolt, full floating | 33 (1.31") | 30 | All | RD142 ¹ |
| | | 1990-97 | 10 bolt, full floating | 33 (1.31") | 30 | All | RD132 |
| | Rear | 1969-76 | 12 bolt, semi floating, 45mm bearing ID | 33 (1.31") | 30 | All | RD153 ¹ |
| | | 1977-89 | 12 bolt, full floating, 45mm bearing ID | 33 (1.31") | 30 | All | RD142 ¹ |
| | | 1990-97 | 12 bolt, full floating, 50mm bearing ID | 33 (1.31") | 30 | All | RD142 |
| 1977-92 | 12 bolt, semi floating, 50mm bearing ID | 33 (1.31") | 30 | All | RD153 | | |
| FJ40s made in South America | Rear | | Dana 60 | 33 (1.31") | 30 | 4.56 & UP 4.10 & DN | RD162 RD163 |
| Bundera, LandCruiser II, LJ70, RJ70 | Front | All | 10 bolt | 33 (1.31") | 30 | All | RD132 ¹ |
| | Rear | To 1985 | 10 bolt, 45mm bearing ID | 33 (1.31") | 30 | All | RD132 ¹ |
| | | 1986 on | 10 bolt, 50mm bearing ID | 33 (1.31") | 30 | All | RD132 |
| HiLux, Pickup, Hiace, Fortuner | Front | All | 10 bolt, live axle | 33 (1.31") | 30 | All | RD132 ¹ |
| | | To 2005 | 7.5" dia. RG, 10 bolt, IFS | 28 (1.1") | 27 | All | RD90 ² |
| | | 2005 on | 8" dia. RG, IFS clamshell, 53mm BRNG | 33 (1.31") | 30 | 3.91 & UP 3.73 & DN | RD111 ³ RD121 ³ |
| | | To 1988 | 4 cylinder, 45mm bearing ID | 33 (1.31") | 30 | All | RD132 ¹ |
| | Rear | 1988-05 | All models, 50mm bearing ID | 33 (1.31") | 30 | All | RD132 |
| | | 2005-15 | Adjuster nut models, 50 or 53mm bearing ID Dana Spicer shim adjusted models. | 33 (1.31") 33 (1.31") | 30 30 | All All | RD132 ⁴ RD133 ⁵ |
| | | 2015 on | 8.9" dia. RG, 12 bolt (shimmed) | 34.8 (1.37") | 32 | All | RD232 |
| 4Runner, LN61, YN63 | Front | All | 10 bolt, live axle | 33 (1.31") | 30 | All | RD132 ¹ |
| | | To 2003 | 7.5" dia. RG, 10 bolt, IFS | 28 (1.1") | 27 | All | RD90 ² |
| | | 2003 on | 8" dia. RG, IFS clamshell, 53mm BRNG | 33 (1.31") | 30 | 3.91 & UP 3.73 & DN | RD111 ³ RD121 ³ |
| | Rear | 1984-88 | 4 cylinder, 45mm bearing ID | 33 (1.31") | 30 | All | RD132 ¹ |
| | | 1988-10 | V6, 4WD, 50mm bearing ID | 33 (1.31") | 30 | All | RD132 |
| 1988-10 | V6, 2WD, 45mm bearing ID | 33 (1.31") | 30 | All | RD132 ¹ | | |
| 2010 on | 8.15" dia. RG, 12 bolt (shimmed) | 33 (1.31") | 30 | All | RD193 | | |
| T100, Tacoma | Front | 2005 on | 8" dia. RG, IFS clamshell, 53mm BRNG | 33 (1.31") | 30 | 3.91 & UP 3.73 & DN | RD111 ³ RD121 ³ |
| | | To 2004 | 7.5" dia. RG, 10 bolt, IFS | 28 (1.1") | 27 | All | RD90 |
| | Rear | To 2015 | 8.4" dia. RG, 12 bolt | 33 (1.31") | 30 | All | RD129 |
| | | 2016 on | 8.0" dia RG, all autos excl. OE Locker Equipped 8.9" dia RG, all manuals & all OE Locker Equipped | 33 (1.31") 34.8 (1.37") | 30 32 | All All | RD132 RD232 |
| Tundra | Front | 2007 on | All models | 34.8 (1.37") | 34 | All | RD151 ⁶ |
| | | To 2006 | 7.5" dia. RG, 10 bolt, IFS | 28 (1.1") | 27 | All | RD90 |
| | Rear | To 2006 | 8.4" dia. RG, 12 bolt | 33 (1.31") | 30 | All | RD129 |
| | | 2007 on | 9.5" dia. RG, 12 bolt 10.5" dia. RG, 12 bolt | 35(1.38") 36.8 (1.45") | 32 36 | All All | RD152 ⁸ RD146 ⁸ |
| Sequoia | Front | 2007 on | All models | 34.8 (1.37") | 34 | All | RD151 ⁶ |
| | | To 2008 | 7.5" dia. RG, 10 bolt, IFS | 28 (1.1") | 27 | All | RD90 |
| | Rear | To 2007 | 8.4" dia. RG, 12 bolt, live axle | 33 (1.31") | 30 | All | RD129 |
| 2008 on | 10" dia. RG, IRS | All | All | TBD | | | |
| FJ Cruiser | Front | 2005 on | 8" dia. RG, IFS clamshell, 53mm BRNG | 33 (1.31") | 30 | 3.91 & UP 3.73 & DN | RD111 ³ RD121 ³ |
| | Rear | 2006-09 | 8" non-factory locker model | 33 (1.31") | 30 | All | RD132 |
| 2010 on | 8.15" dia. RG, non-factory locker model | 33 (1.31") | 30 | All | RD193 | | |
| Dyna 150 | Rear | TBD | 10.5",34 SPL | 34.8 (1.37") | 34 | All | RD183 |

● ARB Diff Cover available (RED and/or BLACK).

¹ Late model 50.00mm [1.969"] ID carrier bearings (e.g., from FJ/HJ80 model) must be used. This will also improve bearing life.

² Does not fit some 1986-1995 manual hub models with larger 33mm [1.30"] dia. 27 spline axle shafts.

³ Factory R&P may use either RD111 or RD121 depending on ratio. All known aftermarket R&P sets suit RD121.

⁴ Some models have 53mm bearing ID and require new carrier bearings (ARB# 160118 or Koyo #TR100802-2).

⁵ Shim adjusted Dana Spicer made models came in some vehicles from South Africa and South America.

⁶ Carrier bearings are available from ARB #160119.

⁷ Does not suit models with Front OE Diff Lock.

⁸ For Tundra models with 4.6 or 4.7L engine, use RD152. For models with 5.7L engine, use RD146.



| VOLKSWAGEN | | | | | | | |
|---------------|------------|---------|--------------------------------|----------------|--------------|-------|--------------------|
| Vehicle/Model | Axle Loc'n | Year | Description | Shaft Diameter | Shaft Spline | Ratio | ARB Part No. |
| Amarok | Front | 2010 on | | | | | NA ¹ |
| | Rear | 2010 on | All (incl. OE locker equipped) | 33.3 (1.31") | 30 | All | RD198 ² |

¹ Amaroks were built with ring gear welded to the front diff. No aftermarket application is feasible at this time.

² OE Locker equipped models require VW dealer to remove diff lock functionality from ECU.

Performance Applications

| Performance Applications | | | | | | | |
|----------------------------|-----------|--|--------------|----------------|-------------|----------------|---------------------|
| Description | Ratio | Notes | Spline Count | Shaft Diameter | Spline Type | Pressure Angle | ARB Part No. |
| Ford 9" | ALL | Does not suit OE third member | 35 | 38.1 (1.50") | 24/48 DP | 30° | RD99 ¹ |
| Ford 9" COMPETITION | ALL | Does not suit OE third member | 35 | 38.1 (1.50") | 24/48 DP | 30° | RD99CE ¹ |
| Dana 30 | 3.73 & UP | | 30 | 33.3 (1.31") | 24/48 DP | 30° | RD104 |
| Dana 35 | 3.54 & UP | Suits C-clip or non-C-clip type shafts | 30 | 33.3 (1.31") | 24/48 DP | 30° | RD105 |
| Dana 44 | 3.73 & DN | Suits all ratios of some late model D44 (e.g. JK) | 32 | 35.8 (1.41") | 24/48 DP | 37.5° | RD143 |
| Dana 44 | 3.92 & UP | | 33 | 34.8 (1.37") | 24/48 DP | 45° | RD113 |
| Dana 44 | 3.92 & UP | | 35 | 38.1 (1.50") | 24/48 DP | 30° | RD109 |
| Dana 44 | 3.73 & DN | Suits all ratios of some late model D44 (e.g. JK) | 35 | 38.1 (1.50") | 24/48 DP | 30° | RD147 |
| Dana 60 | 4.56 & UP | | 40 | 43.2 (1.70") | 24/48 DP | 45° | RD188 |
| Dana 60 | 4.10 & DN | | 40 | 43.2 (1.70") | 24/48 DP | 45° | RD189 |
| Dana 70/Dana 80 | xxx & UP | 'Low Speed Carrier' | 37 | 40.6 (1.60") | 24/48 DP | 45° | RD174 |
| Dana 70/Dana 80 | xxx & DN | 'High Speed Carrier' | 37 | 40.6 (1.60") | 24/48 DP | 45° | RD175 |
| Dana 70/Dana 80 | xxx & UP | 'Low Speed Carrier' | 40 | 43.2 (1.70") | 24/48 DP | 45° | RD176 |
| Dana 70/Dana 80 | xxx & DN | 'High Speed Carrier' | 40 | 43.2 (1.70") | 24/48 DP | 45° | RD177 |
| GM 14 Bolt,10.5",FF | ALL | 4.56&UP ratios must use 'thick' high offset gearset. | 40 | 43.2 (1.70") | 24/48 DP | 45° | RD234 |
| GM 14 Bolt,10.5",FF | ALL | 4.56&UP ratios must use 'thick' high offset gearset. | 35 | 38.1 (1.50") | 24/48 DP | 30° | RD235 |
| Rockwell 2.5 Ton | ALL | | 16 | 41.3 (1.63") | TAPERED | 30° | RD145 |
| Rockwell 2.5 Ton | ALL | | 40 | 43.2 (1.70") | 24/48 DP | 45° | RD200 |
| Suzuki Jimny 26 SPL | ALL | | 26 | 27.4 (1.08") | 1 MOD | 45° | RD227 |
| JL Sport/Sahara M220 | ALL | | 35 | 38.1 (1.50") | 24/48 DP | 30° | RD246 |
| JT Gladiator (NOT Rubicon) | ALL | Does not suit Rubicon models | 35 | 38.1 (1.50") | 24/48 DP | 30° | RD246 |
| Ford 10" COMPETITION | ALL | Does not suit OE third member | 40 | 43.2 (1.70") | 24/48 DP | 45° | RD249CE |

NOTE: Performance application models do not suit any original equipment axle shafts.

Custom shafts to suit your specific axle assembly must be obtained.

Contact ARB for more information on performance upgrades available to suit your axle type.

¹ Can be manually modified to accept some other axle splines. Contact ARB.

RD99 will suit Ford 9 3/8" third member if alternative ARB adjuster nut is used.

Differential Covers

| Differential Covers | | |
|---|--|--|
| Axle Type | Application Notes | ARB Part No. |
| Dana 30 | Not suitable for IFS applications. | 0750002 ● 0750002B ● |
| Dana 35 | | 0750004 ● |
| Dana 44 | Not suitable for Dana 44A (aluminum housing) or 'banjo' style axles. | 0750003 ● 0750003B ● |
| Dana 50, Dana 60, Land Rover Salisbury Chrysler 8.25" | | 0750001 ● 0750001B ● 0750005 ● 0750005B ● |
| Ford 8.8 | | 0750006 ● 0750006B ● |
| Chev 10 Bolt, AAM 850/860 | | 0750007 ● 0750007B ● |
| Dana M226 (Nissan) | | 0750008 ● 0750008B ● |
| Dana M186 | | 0750009 ● 0750009B ● |
| Dana M200 | | 0750010 ● 0750010B ● |
| Dana M210 | | 0750011 ● 0750011B ● |
| Dana M220 | | 0750012 ● 0750012B ● |

NOTES : Cast differential covers are designed to suit a wide range of vehicles globally, and as such, care must be

exercised when fitting to assure that interference with suspension components and other surrounding features can be accounted for. Therefore, some modifications to the cover and/or vehicle may be required for correct installation.

All covers come powdercoated, precision machined, and clear coated.

Where cooling means have been employed on the cover being replaced alternative cooling means should be considered.

Known applications for differential cover models have been highlighted throughout this chart with ● or ● symbols

depending on colours available.

Air Compressors

| Air Compressors | | | | | | |
|--|----------------------|-------------------------------|-------------------|------|---------------|--------------|
| Description | Voltage | Performance @ 0 Bar [0 PSI] | | | Duty Cycle | ARB Part No. |
| | | LPM | CFM | Amps | 22°C [72°F] | |
| On-Board Air Compressor Kit, Compact | 12V/24V ² | 27.7 | 0.98 | 5.5 | 35% | CKSA12 |
| On-Board Air Compressor Kit, High Output | 12V | 87.2 | 3.08 | 14.2 | 50% | CKMA12 |
| On-Board Air Compressor Kit, High Output | 24V | 87.2 | 3.08 | 7.1 | 50% | CKMA24 |
| Portable Air Compressor Kit, High Output | 12V | 87.2 | 3.08 ¹ | 14.2 | 50% | CKMP12 |
| Twin On-Board Air Compressor Kit, Maximum Output | 12V | 174.4 | 6.16 | 28.4 | 100% | CKMTA12 |
| Twin On-Board Air Compressor Kit, Maximum Output | 24V | 174.4 | 6.16 | 14.2 | 100% | CKMTA24 |
| Twin Portable Air Compressor Kit, Maximum Output | 12V | 174.4 | 6.16 | 28.4 | 100% | CKMTP12 |
| Twin Portable Air Compressor Kit, Maximum Output | 24V | 174.4 | 6.16 | 28.4 | 100% | CKMTP24 |

¹ Flow is measured directly from compressor. Restriction due to the tire inlet valve of a vehicle may effect actual filling rate.

² Unit may be directly wired to one of the two 12V batteries of a 24V vehicle due to the light amp load.

APPLICATIONS BY PART NUMBER

| ARB Part No. | Description | Splines | Ratio | Superseded Part #(s) |
|--------------|--|---------|-----------|----------------------|
| RD81 | Ford 8.8",31 SPL | 31 | All | RD15 |
| RD82 | Ford 8.8",28 SPL | 28 | All | RD16 |
| RD90 | Toyota 7.5" IFS | 27 | All | |
| RD93 | Chrysler 8.25",29 SPL | 29 | All | |
| RD99 | Ford 9", 35 SPL, 2" BRNG | 35 | All | |
| RD99CE | Ford 9", 35 SPL, 2" BRNG | 35 | All | |
| RD100 | Dana 30,27 SPL,3.73 & UP | 27 | 3.73 & UP | RD30 |
| RD101 | Dana 30,27 SPL,3.54 & DN | 27 | 3.54 & DN | RD31 |
| RD102 | Dana 35,27 SPL,3.54 & UP | 27 | 3.54 & UP | RD49,RD59,RD69 |
| RD103 | Dana 35,27 SPL,3.31 & DN | 27 | 3.31 & DN | RD48,RD58,RD68 |
| RD104 | Dana 30,30 SPL,3.73 & UP | 30 | 3.73 & UP | |
| RD105 | Dana 35,30 SPL,3.54 & UP | 30 | 3.54 & UP | |
| RD109 | Dana 44,35 SPL,3.92 & UP | 35 | 3.92 & UP | |
| RD110 | Mitsubishi IFS,28 SPL | 28 | All | |
| RD111 | Toyota 8" IFS,53mm BRNG | 30 | 3.91 & UP | |
| RD113 | Dana 44,33 SPL,3.92 & UP | 33 | 3.92 & UP | |
| RD114 | GM 14 Bolt,10.5",FF | 30 | 4.10 & DN | |
| RD116 | Dana 44,30 SPL,3.92 & UP | 30 | 3.92 & UP | RD06 |
| RD117 | Dana 44,30 SPL,3.73 & DN | 30 | 3.73 & DN | RD07 |
| RD119 | Ford 9",31 SPL | 31 | All | RD55,RD55A,RD55B |
| RD121 | Toyota 8" IFS,53mm BRNG | 30 | 3.73 & DN | |
| RD123 | Mazda,RR,shim adjusted | 30 | All | |
| RD127 | Land Rover,10 SPL,Banjo | 10 | 3.54 | RD03 |
| RD128 | Land Rover,24 SPL,Banjo | 24 | All | RD56 |
| RD129 | Toyota Tacoma,RR | 30 | All | RD89 |
| RD131 | Toyota 8" IFS,50mm BRNG | 30 | All | RD92 |
| RD132 | Toyota 8",50mm BRNG | 30 | All | RD01,RD23 |
| RD133 | Toyota 8",RR,shim adjusted | 30 | All | |
| RD134 | Nissan H233,31 SPL | 31 | All | RD04 |
| RD135 | Nissan H233B,33 SPL | 33 | All | RD17,RD24 |
| RD136 | Nissan H233B,31 SPL | 31 | All | RD09,RD78,RD78A |
| RD137 | Nissan Pathfinder R51,33 SPL,RR | 33 | 3.54 & UP | |
| RD138 | Land Rover,24 SPL,Banjo,P38A | 24 | All | RD57 |
| RD139 | AAM 11.5" | 30 | All | |
| RD140 | Ford 10.25" & 10.5" (Sterling / corporate) | 35 | All | RD37 |
| RD141 | Toyota 8" IFS,34 SPL | 34 | All | |
| RD142 | Toyota 8.9",50mm BRNG | 30 | All | RD02,RD33 |
| RD143 | Dana 44,32 SPL,3.73 & DN | 32 | 3.73 & DN | |
| RD145 | Rockwell 2.5 Ton | 16 | All | |
| RD146 | Toyota 10.5",36 SPL,RR | 36 | All | |
| RD147 | Dana 44,35 SPL,3.73 & DN | 35 | 3.73 & DN | |
| RD148 | AAM 760,28 SPL,IFS | 28 | All | |
| RD149 | Nissan M226,32 SPL,10 bolt RG | 32 | All | |
| RD150 | Ford 9.75",34 SPL | 34 | All | |
| RD152 | Toyota 9.5",32 SPL | 32 | All | |
| RD153 | Toyota 8.9",C-clip,50mm BRNG | 30 | All | RD08,RD124 |
| RD154 | Mitsubishi 9.5",31 SPL,LIVE AXLE | 31 | All | |
| RD155 | Mitsubishi 9.5",33 SPL,IRS | 33 | All | |
| RD156 | Hyundai 9.5",34 SPL,LIVE AXLE | 34 | All | |
| RD157 | Jeep JK Rubicon,35 SPL | 35 | All | |
| RD158 | Dana 50,30 SPL | 30 | All | RD50 |
| RD159 | Nissan M226,32 SPL,12 bolt RG | 32 | All | |
| RD160 | Land Rover,Salisbury,4.70:1 | 24 | 4.7 | RD32 |
| RD161 | Land Rover,Salisbury,3.54:1 | 24 | 3.54 | RD20 |
| RD162 | Dana 60,30 SPL,4.56 & UP | 30 | 4.56 & UP | RD21 |
| RD163 | Dana 60,30 SPL,4.10 & DN | 30 | 4.10 & DN | RD22 |
| RD164 | Dana 60,32 SPL,4.56 & UP | 32 | 4.56 & UP | RD95 |
| RD165 | Dana 60,32 SPL,4.10 & DN | 32 | 4.10 & DN | RD96 |
| RD166 | Dana 60HD,35 SPL,4.56 & UP | 35 | 4.56 & UP | RD35 |
| RD167 | Dana 60HD,35 SPL,4.10 & DN | 35 | 4.10 & DN | RD36 |
| RD168 | Dana 60HD,C-clip,35 SPL,4.56 & UP | 35 | 4.56 & UP | RD42 |
| RD169 | Dana 60HD,C-clip,35 SPL,4.10 & DN | 35 | 4.10 & DN | RD43 |

Please note that reporting any incorrect application data or any new vehicle application suitability that you may find to ARB Head Office in Australia will assure that your information is verified to the best of our ability and that any verified input will be included in future updates of this application chart.

APPLICATIONS BY PART NUMBER

| ARB Part No. | Description | Splines | Ratio | Superseded Part #(s) |
|--------------|--|---------|-----------|----------------------|
| RD170 | Dana 70/80,32 SPL,LOW SPEED | 32 | xxx & UP | RD97 |
| RD171 | Dana 70/80,32 SPL,HIGH SPEED | 32 | xxx & DN | RD98 |
| RD172 | Dana 70/80,35 SPL,LOW SPEED | 35 | xxx & UP | RD53,RD65 |
| RD173 | Dana 70/80,35 SPL,HIGH SPEED | 35 | xxx & DN | RD54,RD66,RD80 |
| RD174 | Dana 70/80,37 SPL,LOW SPEED | 37 | xxx & UP | RD115 |
| RD175 | Dana 70/80,37 SPL,HIGH SPEED | 37 | xxx & DN | RD91 |
| RD176 | Dana 70/80,40 SPL,LOW SPEED | 40 | xxx & UP | |
| RD177 | Dana 70/80,40 SPL,HIGH SPEED | 40 | xxx & DN | |
| RD180 | R180A,27 SPL,10 bolt RG,3.69 & UP | 27 | 3.69 & UP | |
| RD181 | R180A,27 SPL,10 bolt RG,3.54 & DN | 27 | 3.54 & DN | |
| RD182 | R180A,27 SPL,8 bolt RG (D22 4 cyl.) | 27 | All | |
| RD186 | AMC Model 20,3.08 & UP | 29 | 3.08 & UP | RD60 |
| RD187 | AMC Model 20,2.73;1 | 29 | 2.73 | RD47 |
| RD188 | Dana 60XHD,40 SPL,4.56 & UP | 40 | 4.56 & UP | |
| RD189 | Dana 60XHD,40 SPL,4.10 & DN | 40 | 4.10 & DN | |
| RD193 | Toyota 8.15" RR,12 Bolt RG,shim adjusted | 30 | All | |
| RD195 | Nissan Patrol Y62, RR | 34 | All | |
| RD196 | Nissan C200K, 31 SPL | 31 | All | |
| RD197 | AAM 925/950,33 SPL HIGH SPD | 33 | All | RD51 |
| RD198 | VW Amarok Rear | 30 | All | |
| RD201 | Nissan C200,31 SPL | 31 | All | RD106 |
| RD202 | Nissan C200/R200A,29 SPL | 29 | All | RD27,RD107 |
| RD203 | Isuzu IFS,17 SPL | 17 | All | RD94 |
| RD204 | Suzuki Vitara,RR,26 SPL,10 bolt RG | 26 | All | RD74 |
| RD205 | Suzuki,FR,22 SPL,10 bolt RG | 22 | All | RD73,RD75 |
| RD206 | Suzuki Jimny,FR,22 SPL,10 bolt RG | 22 | All | RD118 |
| RD207 | Suzuki Jimny,FR,22 SPL,8 bolt RG | 22 | All | RD77,RD87 |
| RD208 | Suzuki,26 SPL,10 bolt RG | 26 | All | RD72,RD88 |
| RD209 | Suzuki Vitara,RR,26 SPL,12 bolt RG | 26 | All | RD79 |
| RD210 | Mitsubishi 8",RR,28 SPL | 28 | All | RD05 |
| RD212 | Mitsubishi 9",RR,28 SPL | 28 | All | RD25, RD46 |
| RD213 | Isuzu,RR,26 SPL | 26 | All | RD44 |
| RD214 | Nissan H260,34 SPL | 34 | All | RD144 |
| RD215 | Nissan H260,37 SPL | 37 | All | RD70,RD71 |
| RD216 | GM 12 Bolt,8.9",30 SPL,3.73 & UP | 30 | 3.73 & UP | RD12 |
| RD217 | LR Discovery 3 + 4, FR, 29 SPL | 29 | All | |
| RD218 | LR Discovery 3, RR, 31 SPL | 31 | All | |
| RD219 | T6 Ranger/BT50, FR, 29 SPL | 29 | All | |
| RD220 | T6 Ranger/BT50, RR, 32 SPL | 32 | All | |
| RD221 | GM 8.5"/10 Bolt/AAM 860,28 SPL | 28 | All | RD83 |
| RD222 | GM 8.5"/10 Bolt/AAM 860,30 SPL | 30 | All | RD84 |
| RD223 | Ranger/BT50 IFS, 30 SPL | 30 | All | |
| RD224 | Nissan M205 | 30 | All | |
| RD226 | Dana 44A (aluminium) | 30 | All | |
| RD227 | Suzuki Jimny,FR,26 SPL,8 bolt RG | 26 | All | |
| RD228 | Nissan C200K, 34 SPL | 34 | All | |
| RD229 | Nissan D23,RR,34 SPL | 34 | All | |
| RD230 | Nissan R180A,30 SPL,3.69 & UP | 30 | 3.69 & UP | |
| RD231 | Nissan R180A,30 SPL,3.54 & DN | 30 | 3.54 & DN | |
| RD232 | Toyota 8.9" RR,12 Bolt RG,shim adjusted | 32 | All | |
| RD234 | GM 14 Bolt,10.5",FF | 40 | 4.10 & DN | |
| RD235 | GM 14 Bolt,10.5",FF | 35 | 4.10 & DN | |
| RD244 | Dana M200, Jeep JL Sport RR | 29 | All | |
| RD245 | Dana M220, Jeep JL Sahara, 32 SPL, RR | 32 | All | |
| RD246 | Dana M210/M220, Jeep JL Rubicon, 35 SPL | 35 | All | |
| RD249CE | Ford 10", 40 SPL | 40 | All | |
| RD253 | Toyota 9.5",32 SPL, OE locker replacement | 32 | All | |
| RD254 | AAM 925/950,33 SPL LOW SPD | 33 | All | |
| RD259 | Dodge Ram 1500, 31 SPL 9.25" Rear ZF C-clip Axle | 31 | All | |



GENERAL NOTES:

While every effort has been made to ensure that this list is accurate, ARB Corporation Ltd. cannot possibly guarantee its accuracy or completeness given the large number of vehicle makes, models, and option variations, and therefore it is the client's responsibility to establish the correct model Air Locker for their application.

While ARB supplies Air Lockers for the front of many vehicles, they should only be engaged for off-highway use only.

'TBD' refers to information that is still yet 'To Be Determined' at the time this list was last updated.

'& UP' following the ratio means that the Air Locker is suitable for the stated ratio and those which are numerically higher.

'& DN' following the ratio means that the Air Locker is suitable for the stated ratio and those which are numerically lower.

'RG' refers to the 'Ring Gear' or 'crown wheel' of the vehicle.

'dia RG' refers to the outside diameter taken over the outside of the ring gear teeth.

'SPL' refers to the spline count of the axle shaft.

'FR' refers to front axle application.

'RR' refers to rear axle application.

'IFS' refers to independent front suspension.

'BRNG' refers to carrier bearing inside diameter.

'LSD' refers to vehicles originally equipped with a 'Limited Slip Differential'.

'Year xxxx on' refers to model years up to the revision date of this printing of the chart.

'OE' refers to the 'Original Equipment' the vehicle is fitted with at manufacture.

Part No. : 215109
Revision Date (d/m/y) : 03/12/2020

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