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ARB AIR

LOCKER

AIR OPERATED LOCKING DIFFERENTIALS

AUSTRALIAN & INTERNATIONAL

APPLICATION CHART

OCTOBER 2005

This listing covers most Australian and International applications but is not a complete list of all possible applications. For North, Central, or South American applications, or other 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 to distinguish between similar models where possible.

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4X4 ACCESSORIES

Chevrolet / GMC / Hummer

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 3.73 & DN	RD116 ⁶ RD117
		1977-89	GM 10 bolt	30.5 (1.20")	28	2.73 & UP	RD83 ²
	Rear	To 1996	GM 10 bolt, 8.5" dia. RG, semi floating	33.3 (1.31")	30	2.73 & UP	RD84 ²
		1982-89	GM 10 bolt, 8.5" dia. RG, semi floating	30.5 (1.20")	28	2.73 & UP	RD83 ²
		1982 on	GM 14 bolt, 9.5" dia. RG, semi floating	34.8 (1.37")	33	All	RD40
		To 1982	GM 12 bolt, 8.875" dia. RG, semi floating	33.3 (1.31")	30	3.73 & UP	RD12
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 3.73 & DN	RD116 ⁶ RD117
		1977-89	GM 10 bolt	30.5 (1.20")	28	2.73 & UP	RD83 ²
	Rear	1982 on	GM 14 bolt, 9.5" dia. RG, 4800-5700lb	34.8 (1.37")	33	All	RD40
		1980-93	GM 10 bolt, 8.5" dia. RG, semi floating	30.5 (1.20")	28	2.73 & UP	RD83 ²
		1975-77	Dana 60HD	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36
		To 1974	Dana 60	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 RD22
		1973 on	GM 14 bolt, 10.5" dia. RG full floating	39 (1.56")	30	All ⁵	RD114
	30/3500 Series, C, K, G, P, RV, Pickup, Suburban ¹ , Rally, Sportvan	Front	1977-90	Dana 60HD	38.1 (1.50")	35	4.56 & UP 4.10 & DN
1989 on			GM IFS 9.25" dia. RG	34.8 (1.37")	33	All	RD51
Rear		1988 on	GM 14 bolt, 9.5" dia. RG, semi floating	34.8 (1.37")	33	All	RD40
		1976 on	Dana 70HD ^{3,4}	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD53 ⁶ RD54
			Dana 70U	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD65 RD66
		1975-86	Dana 60HD, full floating	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36
		1973 on	GM 14 bolt, 10.5" dia. RG, full floating	39 (1.56")	30	All ⁵	RD114
3500 HD		Rear	1992 on	Dana 80	38.1 (1.50")	35	3.73 & DN
				40.6 (1.60")	37	3.73 & DN	RD91
	1992 on		GM 14 bolt, 10.5" dia. RG full floating	39 (1.56")	30	All ⁵	RD114
Hummer H1	Front	1983 on	AMC Model 20, 8.875" dia. RG	31.8 (1.25")	29	2.73	RD47 ⁴
	Rear	1983 on	AMC Model 20, 8.875" dia. RG	31.8 (1.25")	29	2.73	RD47 ⁴
Hummer H2	Front	2003 on	GM IFS 9.25" dia. RG	34.8 (1.37")	33	All	RD51
	Rear	2003 on	GM 14 bolt, 9.5" dia. RG, semi floating	34.8 (1.37")	33	All	RD40

¹ Suburban kept 10 bolt front and rear ends until 1991. Keep in mind spline change in 1990.

² If vehicle was manufactured in 1989 or 1990 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 & higher ratios must use thick gearset.

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

Chrysler / Jeep

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 ⁴	Front	1971 on	Dana 30	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 ^{4,9} RD101 ⁴
	Rear	1990 on	Dana 35 ¹ , C-clip, XJ, YJ, ZJ, TJ, WJ	29.5 (1.16")	27	2.73-3.31 3.54 & UP	RD103 ⁸ RD102 ^{8,9}
		1997-00 to 1996	Chrysler 8.25" dia. RG, C-clip	30.7 (1.21")	29	All	RD93
		1997 on	Chrysler 8.25" dia. RG, C-clip	29.5 (1.16")	27	All	RD112 ⁷
			Dana 44, TJ model only ³	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ^{8,9} RD117 ⁸
		1985-89	Dana 35 ¹ , non C-clip	29.5 (1.16")	27	2.73-3.31	RD103
		1987-89	Dana 44, Commanche truck	33.3 (1.31")	30	3.54 & UP 3.92 & UP	RD102 ⁹ RD116 ⁹
		1986-91	Dana 44, XJ w/ metric ton package	33.3 (1.31")	30	3.73 & DN 3.92 & UP	RD117 RD116 ⁹
		1976-85	AMC Model 20, 8.875" dia. RG	31.8 (1.25")	29	3.73 & DN 3.08 & UP	RD117 RD60
		1969-75 & '86	Dana 44-3R	33.3 (1.31")	30	2.73 & DN 3.92 & UP	RD47 ⁵ RD116 ⁹
1966-68	Dana 44-R	31.8 (1.25")	19	3.73 & DN 3.92 & UP	RD117 NA		
KJ Jeep Liberty	Front	2001 on	Dana 30 IFS	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 ^{6,9} RD101 ⁶
	Rear	2001 on	Chrysler 8.25" dia. RG, C-clip	30.7 (1.21")	29	All	RD93 ⁸
Full size AMC Cherokee, Grand Wagoneer	Front	1974 on	Dana M44-1F	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁹ RD117
		1971-73	Dana 30	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 ⁹ RD101
	Rear	1986 on	Dana 44	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁹ RD117
		1980-86	AMC Model 20, 8.875" dia. RG	31.8 (1.25")	29	3.08 & UP 2.73 & DN	RD60 ² RD47 ⁵
		1969-79	Dana M44-3R	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁹ RD117
		1966-69	Dana M44-R	31.8 (1.25")	19	3.92 & UP 3.73 & DN	NA NA
J10, Light Truck, FC150, 170, Honcho	Front	1971 on	Dana M44-1F	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁹ RD117
		1980-86	AMC Model 20, 8.875" dia. RG	31.8 (1.25")	29	3.08 & UP 2.73 & DN	RD60 RD47 ⁵
	Rear	1986-89, 1970-79	Dana M44-R	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁹ RD117
		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 ⁹ RD117
		1974-88	Dana M60-3R	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 RD22
	Rear	1969-73	Dana M60-2R	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36

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 RD60 has a thrust block to suit vehicles with tapered axles.

The thrust block must be removed when swapping to full floating axles and some one-piece axle shaft conversions.

³ No application for differentials with aluminium housings.

Newer OEM ring and pinion sets use 7/16" bolts. Air Locker flange holes must be reamed to suit.

⁴ Quadradrive traction control vehicles require non-Quadradrive axle shaft replacements for Air Locker installation.

⁵ Requires thrust block #110202 be installed. Use new bolts (#200205 X 6) and tab washers (#150401 X 6).

⁶ RD30/31 must not be used for IFS applications.

⁷ Pre-1997 8.25" axle assemblies with 27 spline axle shafts will accept newer 29 spline shafts if RD93 is fitted.

⁸ Newer OEM Dana 35, Dana 44 & Chrysler 8.25" ring gears have 7/16" bolts. Air Locker flange holes must be reamed larger to suit.

⁹ See performance section of this guide for non-standard upgrade model(s) available for this application.

Dodge

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 ⁴
		1975 on	Dana 60, three quarter ton truck	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 RD22
		1989-93	Dana 70, three quarter ton truck	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD97 RD98
		1988-95 1971-82	Dana 60HD, three quarter ton truck	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36
		1994 on	Dana 70, three quarter ton truck	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD97 RD98
	Rear	1991 on	Dana 70U, three quarter ton truck	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD65 RD66
		1983 - 93 1972-82	Dana 60 ¹ Dana 60	33.3 (1.31") 33.3 (1.31")	30 30	3.54 4.56 & UP	RD22 RD21
						4.10 & DN	RD22
300, 350, 400, B, C, M, W	Front	1976-95	Dana 60HD	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36
		1971-74	Dana 70	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD97 RD98
		1955 on	Dana 60	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 RD22
	Rear	1979-00	Dana 70HD	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD53 ³ RD54
		1971-93	Dana 70	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD97 RD98
		1993 on 1994 on	Dana 80 Dana 80	38.1 (1.50") 40.6 (1.60")	35 37	3.73 & DN 3.73 & DN	RD80 RD91
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 RD112 ²
RAM 1500	Front	1994 on	Dana 44	33.3 (1.31")	30	3.91 & UP 3.73 & DN	RD116 ^{3,4} RD117 ⁴
	Rear	1994 on	Chrysler 9.25" dia. RG				NA
RAM 2500, 3500	Front	1994 on	Dana 60	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD95 RD96
		1994 on	Dana 70	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD97 RD98
	Rear	1994 on	Dana 80 Dana 80	38.1 (1.50") 40.6 (1.60")	35 37	3.73 & DN 3.73 & DN	RD80 RD91

¹ You may have either a Corporate 9.25" rear end or a Dana 60 in 1988 and newer half ton petrol trucks.

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 7/16" bolts. Air Locker flange holes should then be reamed larger to suit.

Ford

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	RD78A	
	Rear	All	H233B		33	All	RD24	
F100/150 Pickup, E100/150 Van (2WD), Bronco	Front	1997 on	Ford 8.8" dia. RG, IFS	30.5 (1.20")	28	All	RD82	
		1983-96	Dana 44, C-clip	33.3 (1.31")	30	3.92 & UP	RD116 ^{1,4}	
			To 1982	Dana 44	33.3 (1.31")	30	3.73 & DN	RD117 ¹
	Rear	1976-86	Ford 9" dia. RG	33.5 (1.32")	31	3.92 & UP	RD116 ⁴	
		All	Ford 9" dia. RG	30.5 (1.20")	28	3.73 & DN	RD117	
		1997 on	Ford 9.75" dia. RG			All	RD119 ⁴	
F250 Pickup, E250 Van (2WD)	Front ³	1983 on	Ford 8.8" dia. RG	33.5 (1.32")	31	All	RD81	
		1983-88	Ford 8.8" dia. RG, IFS	30.5 (1.20")	28	All	RD82	
F350 Pickup, E350 Van (2WD)	Front ³	1983-88	Dana 44, C-clip	33.3 (1.31")	30	3.92 & UP	RD116 ^{1,4}	
			To 1982	Dana 44	33.3 (1.31")	30	3.73 & DN	RD117 ¹
			1980-02	Dana 50	33.3 (1.31")	30	3.92 & UP	RD116 ⁴
		2000-01	Dana 60 (dual rear wheel axle models)	38.1 (1.50")	35	3.73 & DN	RD117	
						All	RD50	
						4.56 & UP	RD35	
	Rear	1985 on	Ford 10.25" dia. RG, 6250lb, full floating	38.1 (1.50")	35	4.10 & DN	RD36	
			Dana 60, full floating	33.3 (1.31")	30	4.56 & UP	RD35	
			1995-96	Dana 60, full floating	38.1 (1.50")	35	4.10 & DN	RD36
		2002 on	Dana 70, full floating	35.8 (1.41")	32	4.56 & UP	RD97	
						4.10 & DN	RD98	
						4.56 & UP	RD42	
F350 Pickup, E350 Van (2WD)	Front	1985-02	Dana 50	33.3 (1.31")	30	4.10 & DN	RD43	
		1975 on	Dana 60	38.1 (1.50")	35	All	RD50	
		1998 on	Dana 60 (original ring & pinion set only)	38.1 (1.50")	35	All	RD36 ²	
	Rear	2000-01	Ford 10.25" dia. RG, 6250lb, full floating	38.1 (1.50")	35	4.56 & UP	RD35	
			Dana 60 (dual rear wheel axle models)	38.1 (1.50")	35	4.10 & DN	RD36	
		1988 on	Dana 60, full floating	38.1 (1.50")	35	4.56 & UP	RD35	
		1975-85	Dana 70HD, 10.5" dia. RG	38.1 (1.50")	35	4.10 & DN	RD36	
			Dana 70U	38.1 (1.50")	35	4.56 & UP	RD53 ⁴	
		1973-79				4.10 & DN	RD54	
						4.57 & UP	RD65	
Explorer, Ranger, Aerostar (2WD)	Front	1990-97	Dana 35 (V6 only)	29.5 (1.16")	27	4.10 & DN	RD66	
						4.56 & UP	RD21	
		1998 on	Dana 35 (non-standard)			4.10 & DN	RD22	
			Ford 8.8" dia. RG, C-clip	30.5 (1.20")	28	2.73-3.31	RD103 ¹	
	Rear	1990 on			33.5 (1.32")	31	3.54 & UP	RD102 ^{1,4}
							All	RD82
		1997 on					All	RD81
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				NA	
F450/550 Pickup, Super Duty Van (2WD), E/F350 Dually	Front	All	Dana 60	38.1 (1.50")	35	4.56 & UP	RD35	
						4.10 & DN	RD36	
	Rear	1996 on	Dana 80	40.6 (1.60")	37	All	RD91	
	1988 on	Dana 80	38.1 (1.50")	35	All	RD80		

¹ The C-clip used in the OE differential cannot be used in the Air Locker. Refer to installation guide.

² Reverse rotation Dana 60 front ends with aftermarket ring & pinion sets all use RD36 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.

Holden / Isuzu

HOLDEN / ISUZU							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Isuzu Trooper, Holden Jackaroo	Front	1988 on	Independent suspension (IFS)	28.4 (1.12")	17	All	RD94 ¹
	Rear	1987-91	Turbo diesel & V6 petrol only	33.5 (1.32")	26	All	RD44
		1993-97	All models	33.5 (1.32")	26	All	RD44
		1998-99	Non-LSD models	38.1 (1.50")	23	All	RD85 ³
		2000 on		38.1 (1.50")	23	All	NA ³
Holden Rodeo, Isuzu Pickup	Front	1988 on	Independent suspension (IFS)	28.4 (1.12")	17	All	RD94 ¹
	Rear	1987-91	4x4 diesel & 4x2 diesel models	33.5 (1.32")	26	All	RD44
		1993 on	All models including 4x2	33.5 (1.32")	26	All	RD44 ⁴
Holden Suburban	Front	1998 on					NA
	Rear	1998 on	1500 petrol engine 2500 diesel engine	33.3 (1.31")	30	2.73 & UP	RD84 NA
Opel Campo	Rear	1991 on	3.1 turbo diesel sports cab	33.5 (1.32")	26	All	RD44
Holden Frontera/Sport, Isuzu Rodeo/Sport, Amigo	Front	1990 on	Independent suspension (IFS)	28.4 (1.12")	17	All	RD94 ¹
	Rear	1999 on	Dana 44	33.3 (1.31")	30	4.56 & UP 4.13 & DN	RD117 ² RD117
Axiom, Honda Passport	Front	2001 on	Independent suspension (IFS)	28.4 (1.12")	17	All	RD94
	Rear	2001 on	Dana 44	33.3 (1.31")	30	4.56 & UP 4.13 & DN	RD117 ² RD117

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 ratio's of 4.56 & up will require RD116 instead.

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

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

NOTE: Applications for Isuzu Pickups may vary outside Australia. Differential used must be checked prior to purchase of Air Locker.

Hyundai

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	All	NA

¹ Air Locker fitment requires larger ring gear bolt holes. Reaming from x to x is required.

Land Rover

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	RD03 ^{1,4}
		1993-98	Rover type	31.5 (1.24")	24	3.54	RD56 ^{1,5}
		1998 on	Rover type, w/ traction control	31.5 (1.24")	24	3.54	RD57 ⁵
	Rear	To 1993	Rover type	28.2 (1.11")	10	3.54	RD03 ^{1,4}
		1993-98	Rover type	31.5 (1.24")	24	3.54	RD56 ^{1,5}
		1998 on	Rover type, w/ traction control	31.5 (1.24")	24	3.54	RD57 ⁵
Discovery	Front	To 1993	Rover type	28.2 (1.11")	10	3.54	RD03 ¹
		1993-98	Rover type	31.5 (1.24")	24	3.54	RD56 ^{1,5}
	Rear	To 1993	Rover type	28.2 (1.11")	10	3.54	RD03 ¹
		1993-98	Rover type	31.5 (1.24")	24	3.54	RD56 ^{1,5}
Discovery Series II	Front	All	Rover type	31.5 (1.24")	24	3.54	RD56
	Rear	All	Rover type	31.5 (1.24")	24	3.54	RD56 ⁶
		2002 on	Rover type, w/ traction control	31.5 (1.24")	24	3.54	RD57 ⁶
Defender 110, 130, County	Front	1983-93	Rover type	28.2 (1.11")	10	3.54	RD03 ¹
		1993 on	Rover type	31.5 (1.24")	24	3.54	RD56 ^{1,5}
	Rear	1983-02	Salisbury type	31.5 (1.24")	24	3.54	RD20
		2002 on	Rover type, w/ traction control	31.5 (1.24")	24	3.54	RD57 ⁶
Defender 90, County	Front	1984-93	Rover type	28.2 (1.11")	10	3.54	RD03 ¹
		1993 on	Rover type	31.5 (1.24")	24	3.54	RD56 ^{1,5}
	Rear ²	1983-93	Rover type, 4 cyl. petrol & diesel engines	28.2 (1.11")	10	3.54	RD03 ¹
		1993 on	Rover type	31.5 (1.24")	24	3.54	RD56 ^{1,6}
		2002 on	Rover type, w/ traction control	31.5 (1.24")	24	3.54	RD57 ⁶
LWB models V8 engine	Front	1979-83	Rover type	28.2 (1.11")	10	3.54	RD03
			Salisbury type	31.5 (1.24")	24	3.54	RD20
	Rear	1979-83	Salisbury type	31.5 (1.24")	24	3.54	RD20
Series III, Series II, Series I	Front	1948-85	Rover type	28.2 (1.11")	10	4.7	RD03 ^{2,3}
			Salisbury type	31.5 (1.24")	24	4.7	RD32
	Rear	1948-85	Rover type	28.2 (1.11")	10	4.7	RD03 ^{2,3}
			Salisbury type	31.5 (1.24")	24	4.7	RD32

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

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

³ RD03A ring gear spacer required. Longer ring gear bolts (not supplied) are also necessary - (Land Rover part no. 576521).

⁴ When an RD03 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 Some vehicles without traction control also use RD57. Identify by 205mm [8.07"] flange diameter.

Mazda

MAZDA							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Bravo 2500/2600	Rear	All	4 cylinder, Dana banjo type	30.8 (1.21")	30	All	RD123 ¹
Bravo V6	Rear	All	6 cylinder, salisbury type	32.8 (1.29")	30	All	N/A

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.

Mitsubishi

MITSUBISHI							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Montero, Raider, Pajero	Front	1991 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" RG ¹	30.5 (1.20")	28	All	RD05
		1987-95	9.00" RG ²	30.5 (1.20")	28	All	RD46 ³
		1995-02	3.5L & TDI, NK,NL, 9.5" RG, live axle	35.5 (1.40")	31	All	NA
	2002 on	NM,NP, 9.5" RG, IRS		33	All	NA	
Challenger Montero Sport	Front	All	IFS, 28 spline	28.8 (1.13")	28	All	RD110
	Rear	All	3.0L, 9.00" RG	30.5 (1.20")	28	All	RD46
		All	3.5L, 9.50" RG	35.5 (1.40")	31	All	NA
Triton, 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" RG	30.5 (1.20")	28	All	RD46
		2002 on	9.50" RG	35.5 (1.40")	31	All	NA

* Refers to Mitsubishi Jeep. For Jeep Cherokee, Wrangler, etc. refer to separate Chrysler Jeep section.

¹ Small differential has a crown wheel spigot diameter of 124mm.

² Large differential has a crown wheel spigot diameter of 145mm.

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

⁴ Will not fit Pajero/Montero 3.0L automatic.

Nissan

NISSAN							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Frontier, Xterra, Navara Pathfinder (WD21), Pickup (D21), Wagon	Front	1986 on	R180A, 4 cyl.	27.8 (1.09")	27	All	NA
			R200A, 6 cyl.	30.4 (1.20")	29	All	RD107
	Rear	1986 on	H233B, 31 spline, 6 cyl.	32.0 (1.26")	31	All	RD78A ³
			H233B, 33 spline, 6 cyl.	33.3 (1.31")	33	All	RD24 ³
			C200, 29 spline, 4 cyl.	30.4 (1.20")	29	All	RD107 ^{1,3}
	2002 on	C200, 31 spline	32.0 (1.26")	31	All	RD106 ³	
Y61, Patrol GU	Front	1998 on	H233B	32.0 (1.26")	31	All	RD78A
	Rear	1998 on	H233B 'small'	33.3 (1.31")	33	All	RD24 ³
		1998 on	H260 'large', 37 spline	38.4 (1.51")	37	All	RD70 ³
			H260 'large', 34 spline		34	All	NA ²
Y60, Patrol GQ	Front	1988-98	H233B,31 SPL	32.0 (1.26")	31	All	RD78A
	Rear	1988-98	H233B,33 SPL	33.3 (1.31")	33	All	RD24
		1988-98	H260, leaf sprung cab chassis & utility	38.4 (1.51")	37	All	RD70
160, Patrol MQ	Front	1979-88	C200	30.4 (1.20")	29	All	RD107
	Rear	1979-88	H233	32.0 (1.26")	31	All	RD04
		1979-88	H260	38.4 (1.51")	37	All	RD70
Terrano II Wagon	Rear	1997 on	H233B	32.0 (1.26")	31	All	RD78A ³
		2003 on	H233B	33.3 (1.31")	33	All	RD24 ³

¹ Only suitable for differentials with 12mm crown wheel bolts; also, the thrust block must be removed on disc brake models.

² No application for leaf sprung cab chassis vehicles with 34 spline axle shafts.

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

Santana

SANTANA							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Anibal, PS10	Front		All models		10	All	RD03 ¹
	Rear		All models		24	All	RD126 ²

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

² Available late 2005.

SsangYong

SSANGYONG							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Musso / Rexton	Front	1996 on	Dana 30	29.5 (1.16")	27	3.73 & UP	RD100 ¹
	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 See performance section of this guide for non-standard upgrade model(s) available for this application.

Suzuki

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	RD118
		1998-03	Jimny model with 8 bolt RG	23.9 (0.94")	22	All	RD87
	Rear	1984-98	Leaf spring suspension	23.9 (0.94")	22	All	RD75
		1984 on	1.3 litre models only	27.4 (1.08")	26	All	RD88
Jimny (Japan only) (JA11, JA12)	Front	1990-95	JA11, 660cc turbocharged engines ONLY	23.9 (0.94")	22	All	RD87
	Rear	1990-98	JA11 & JA12, 660cc turbocharged engines	27.4 (1.08")	26	All	RD88
Vitara / Sidekick Grand Vitara ²	Front	1988-98	26 spline	27.4 (1.08")	26	All	RD88
			22 spline	23.9 (0.94")	22	All	RD75
	Rear	1988-93	Suzuki 10 bolt RG	27.4 (1.08")	26	All	RD74 ¹
		1993-98	Suzuki 12 bolt RG	27.4 (1.08")	26	All	RD79 ¹

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

² Grand Vitara (up to 2005) front requires conversion using RD88, Vitara front third member and free wheeling hubs. Grand Vitara (up to 2005) rear requires conversion using Vitara third member assembly (and upgrade to 26 spline axle shafts if required). No application for 2005 on Grand Vitara.

Toyota / Lexus

TOYOTA / LEXUS							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
LandCruiser 78, 79, 100 & 105 Series Lexus LX470	Front	1998 on	8" dia. RG, IFS, 50mm bearing ID	33 (1.31")	30	All	RD92
		1998 on	Live axle suspension	33 (1.31")	30	All	RD23
	Rear	1998 on	All models	34.8 (1.37")	32	All	RD64
LandCruiser 40, 55, 60, 62, 75, & 80 Series Lexus LX450	Front	To 1989	12 bolt, full floating	33 (1.31")	30	All	RD33 ¹
		1990-97	10 bolt, full floating	33 (1.31")	30	All	RD23
	Rear	1969-76	12 bolt, semi floating	33 (1.31")	30	All	RD124 ¹
		1977-89	12 bolt, full floating, 45mm bearing ID	33 (1.31")	30	All	RD33 ¹
		1990-97	12 bolt, full floating, 50mm bearing ID	33 (1.31")	30	All	RD33
1977-92	12 bolt, semi floating	33 (1.31")	30	All	RD124		
Bundera, LandCruiser II LJ70, RJ70	Front	All	10 bolt	33 (1.31")	30	All	RD23 ¹
	Rear	To 1985	10 bolt, 45mm bearing ID	33 (1.31")	30	All	RD23 ¹
		1986 on	10 bolt, 50mm bearing ID	33 (1.31")	30	All	RD23
HiLux, Pickup	Front	All	10 bolt, live axle	33 (1.31")	30	All	RD23 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	???	RD111 ³
	Rear	To 1988	4 cylinder, 45mm bearing ID	33 (1.31")	30	All	RD23 ¹
		1988-05	All models, 50mm bearing ID	33 (1.31")	30	All	RD23
		2005 on	All models, 50 or 53mm bearing ID	33 (1.31")	30	All	RD23 ⁴
4Runner, LN61, YN63	Front	All	10 bolt, live axle	33 (1.31")	30	All	RD23 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	???	RD111 ³
	Rear	1984-88	4 cylinder, 45mm bearing ID	33 (1.31")	30	All	RD23 ¹
		1988 on	V6, 4WD, 50mm bearing ID	33 (1.31")	30	All	RD23
		1988 on	V6, 2WD, 45mm bearing ID	33 (1.31")	30	All	RD23 ¹
LandCruiser Prado, LandCruiser 120 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	4.10:1	RD111 ³
	Rear	1996 on	8" dia. RG, 10 bolt	33 (1.31")	30	???	RD121 ³
Tundra, T100, Tacoma 4X4	Front	2004 on	8" dia. RG, IFS clamshell, 53mm BRNG	33 (1.31")	30	???	RD111 ³
		To 2004	7.5" dia. RG, 10 bolt, IFS	28 (1.1")	27	All	RD90
	Rear	All	8" dia. RG, 12 bolt	33 (1.31")	30	All	RD89

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 Available late 2005. May use either RD111 or RD121 depending on ratio. Contact ARB for latest info.

⁴ 2WD models require new carrier bearings (Koyo #TR100802-2 from LC100 IFS carrier).

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
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 35	3.54 & UP	Suits ONLY non-C-clip retained shafts (4 pinion)	30	33.3 (1.31")	24/48 DP	30°	RD125
Dana 44	3.92 & UP		35	38.1 (1.50")	24/48 DP	30°	RD109
Dana 44	3.92 & UP		33	34.8 (1.37")	24/48 DP	45°	RD113
Dana 70	4.56 & UP		37	40.6 (1.60")	24/48 DP	45°	RD115

NOTE: Performance application models do not suite 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 33 spline axle shafts. Contact ARB.

Application Notes

APPLICATION NOTES				
Vehicle/Model	Year	Notes		ARB Part No.

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
RDCKA	On-Board Air Compressor Kit,Medium		
RDCKA24	On-Board Air Compressor Kit,Medium (24 VOLT)		
RDCP	Portable Air Compressor,Deluxe (includes pressure cutout & tyre pressure gauge)		
RDCPA	Portable Air Compressor		
CKSA12	On-Board Air Compressor Kit,Small		
ARB Part No.	Description	Splines	Ratio
RD03	Land Rover,10 SPL, Banjo	10	3.54
RD04	Nissan,H233,31 SPL	31	All
RD05	Mitsubishi 8",RR,28 SPL	28	All
RD09	Nissan H233B,31 SPL (thrust block only)	31	All
RD12	GM 12 Bolt,8.9",30 SPL,3.73 & UP	30	3.73 & UP
RD17	Nissan H233B,33 SPL (disc brake only)	33	All
RD20	Land Rover,Salisbury,3.54:1	24	3.54
RD21	Dana 60,30 SPL,4.56 & UP	30	4.56 & UP
RD22	Dana 60,30 SPL,4.10 & DN	30	4.10 & DN
RD23	Toyota 8", 50mm BRNG	30	All
RD24	Nissan H233B,33 SPL	33	All
RD25	Mitsubishi 9",RR,28 SPL (disc brake only)	28	All
RD32	Land Rover,Salisbury,4.70:1	24	4.7
RD33	Toyota 8.9",50mm BRNG	30	All
RD35	Dana 60HD,35 SPL,4.56 & UP	35	4.56 & UP
RD36	Dana 60HD,35 SPL,4.10 & DN	35	4.10 & DN
RD37	Ford 10.25" & 10.5" (Sterling / corporate)	35	All
RD40	GM 14 Bolt,9.5",C-clip	33	All
RD42	Dana 60HD,C-clip,35 SPL,4.56 & UP	35	4.56 & UP
RD43	Dana 60HD,C-clip,35 SPL,4.10 & DN	35	4.10 & DN
RD44	Isuzu,RR,26 SPL	26	All
RD46	Mitsubishi 9",RR,28 SPL	28	All
RD47	AMC Model 20,2.73:1	29	2.73
RD50	Dana 50,30 SPL	30	All
RD51	GM / AAM 9.25",33 SPL	33	All
RD53	Dana 70HD,35 SPL,4.56 & UP	35	4.56 & UP
RD54	Dana 70HD,35 SPL,4.10 & DN	35	4.10 & DN
RD56	Land Rover,24 SPL,Banjo	24	All
RD57	Land Rover,24 SPL,Banjo,T/C	24	All
RD60	AMC Model 20,3.08 & UP	29	3.08 & UP
RD64	Toyota 9.5",32 SPL	32	All
RD65	Dana 70U,35 SPL,4.56 & UP	35	4.56 & UP
RD66	Dana 70U,35 SPL,4.10 & DN	35	4.10 & DN
RD70	Nissan H260,37 SPL	37	All
RD71	Nissan H260,37 SPL (disc brake only)	37	All
RD74	Suzuki Vitara,RR,26 SPL,10 bolt RG	26	All
RD75	Suzuki,FR,22 SPL,10 bolt RG	22	All
RD78A	Nissan H233B,31 SPL	31	All
RD79	Suzuki Vitara,RR,26 SPL,12 bolt RG	26	All
RD80	Dana 80,35 SPL	35	Varies by Mfg.
RD81	Ford 8.8",31 SPL	31	All
RD82	Ford 8.8",28 SPL	28	All
RD83	GM 10 Bolt,28 SPL,8.5"	28	2.73 & UP
RD84	GM 10 Bolt,30 SPL,8.5"	30	2.73 & UP
RD85	Isuzu RR,23 SPL,non-LSD	23	All
RD87	Suzuki Jimny,FR,22 SPL,8 bolt RG	22	All
RD88	Suzuki,26 SPL,10 bolt RG	26	All
RD89	Toyota Tacoma,RR	30	All
RD90	Toyota 7.5" IFS	27	All
RD91	Dana 80,37 SPL	37	Varies by Mfg.
RD92	Toyota 8" IFS,50mm BRNG	30	All
RD93	Chrysler 8.25",29 SPL	29	All
RD94	Isuzu IFS,17 SPL	17	All
RD95	Dana 60,32 SPL,4.56 & UP	32	4.56 & UP
RD96	Dana 60,32 SPL,4.10 & DN	32	4.10 & DN
RD97	Dana 70,32 SPL,4.56 & UP	32	4.56 & UP
RD98	Dana 70,32 SPL,4.10 & DN	32	4.10 & DN
RD99	Ford 9",35 SPL,2" BRNG	35	All
RD100	Dana 30,27 SPL,3.73 & UP	27	3.73 & UP
RD101	Dana 30,27 SPL,3.54 & DN	27	3.54 & DN
RD102	Dana 35,27 SPL,3.54 & UP	27	3.54 & UP
RD103	Dana 35,27 SPL,3.31 & DN	27	3.31 & DN
RD104	Dana 30,30 SPL,3.73 & UP	30	3.73 & UP
RD105	Dana 35,30 SPL,3.54 & UP	30	3.54 & UP
RD106	Nissan C200,31 SPL	31	All
RD107	Nissan C200/R200A,29 SPL	29	All
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	TBA
RD112	Chrysler 8.25",27 SPL	27	All
RD113	Dana 44,33 SPL,3.92 & UP	33	3.92 & UP
RD114	GM 14 Bolt,10.5",FF	30	4.10 & DN
RD115	Dana 70HD,37 SPL,4.56 & UP	37	4.56 & UP
RD116	Dana 44,30 SPL,3.92 & UP	30	3.92 & UP
RD117	Dana 44,30 SPL,3.73 & DN	30	3.73 & DN
RD118	Suzuki Jimny,FR,22 SPL,10 bolt RG	22	All
RD119	Ford 9",31 SPL	31	All
RD121	Toyota 8" IFS,53mm BRNG	30	TBA
RD123	Mazda,RR,shim adjusted	30	All
RD124	Toyota 8.9",C-clip,50mm BRNG	30	All
RD125	Dana 35,non C-clip,30 SPL,3.54 & UP	30	3.54 & UP
RD126	Santana Anibal,RR	24	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.

'& 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.

'SPL' refers to the spline 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

Only the first Air Locker installation in a vehicle requires a compressor kit. The second unit in the same vehicle utilises the same compressor installed for the first unit.



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