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ARB AIR LOCKER

AIR OPERATED LOCKING DIFFERENTIALS

NORTH AMERICAN

APPLICATION CHART

AUGUST 2008

This listing covers most common North American applications but is not a complete list of all possible applications. For South or Central American, applications, or other international applications not referred to in this listing, please refer to our Australian & International Application Chart, or 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.

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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	RD116 ⁶
		1977-89	GM 10 bolt	30.5 (1.20")	28	3.73 & DN	RD117
	Rear	1989-96	GM 10 bolt, 8.5" dia. RG, semi floating	33.3 (1.31")	30	2.73 & UP	RD83 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	RD116 ⁶
		1977-89	GM 10 bolt	30.5 (1.20")	28	3.73 & DN	RD117
	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	RD35
							4.10 & DN
	To 1974	Dana 60	33.3 (1.31")	30	4.56 & UP	RD21	
						4.10 & DN	RD22
1973 on	GM 14 bolt, 10.5" dia. RG full floating	39.0 (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	RD35
							4.10 & DN
	Rear	1989 on	GM IFS 9.25" dia. RG	34.8 (1.37")	33	All	RD51
		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	RD53 ⁶
			Dana 70U	38.1 (1.50")	35	4.56 & UP	RD65
						4.10 & DN	RD66
	1975-86	Dana 60HD, full floating	38.1 (1.50")	35	4.56 & UP	RD35	
					4.10 & DN	RD36	
1973 on	GM 14 bolt, 10.5" dia RG, full floating	39.0 (1.56")	30	All ⁵	RD114		
3500 HD	Rear	1992 on	Dana 80	38.1 (1.50")	35	3.73 & DN	RD80
							3.73 & DN
		1992 on	GM 14 bolt, 10.5" dia. RG full floating	39.0 (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
Hummer H3	Front	2006 on	AA&M 7.5"	30.5 (1.20")	28	TBA	NA
	Rear	2006 on	GM 10 bolt, 8.5" dia. RG, semi floating	33.3 (1.31")	30	2.73 & UP	RD84

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.

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 ^{3,4}	Front	1971 on	Dana 30	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 ^{4,7} 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 ⁶ RD102 ^{6,7}
		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 ⁵
	Rear	1997 on	Dana 44, TJ model only ³	33.3 (1.31")	30	3.92 & UP	RD116 ^{6,7}
		1985-89	Dana 35 ¹ , non C-clip	29.5 (1.16")	27	3.73 & DN 2.73-3.31	RD117 ^{6,7} RD103
	Rear	1987-89	Dana 44, Commanche truck	33.3 (1.31")	30	3.54 & UP 3.92 & UP	RD102 ⁷ RD116 ⁷
		1986-91	Dana 44, XJ w/ metric ton package	33.3 (1.31")	30	3.73 & DN 3.92 & UP	RD117 ⁷ RD116 ⁷
	Rear	1976-85	AMC Model 20, 8.875" dia. RG	31.8 (1.25")	29	3.73 & DN 3.08 & UP	RD117 ⁷ RD60 ²
		1969-75,86	Dana 44-3R	33.3 (1.31")	30	2.73 & DN 3.92 & UP	RD47 RD116 ⁷
	Rear	1966-68	Dana 44-R	31.8 (1.25")	19	3.73 & DN 3.92 & UP	RD117 ⁷ NA
JK Jeep Wrangler (not Rubicon models)	Front	2007 on	Dana 30	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 ⁷ RD101
	Rear	2007 on	Dana 35 ¹	29.5 (1.16")	27	2.73-3.31 3.54 & UP	RD103 RD102 ⁷
Rear			Dana 44	33.3 (1.31")	30	All	RD117 ^{6,7}
KJ Jeep Liberty	Front	2001 on	Dana 30 IFS	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 ⁷ RD101
	Rear	2001 on	Chrysler 8.25" dia. RG, C-clip	30.7 (1.21")	29	All	RD93 ⁶
Full size AMC Cherokee, Grand Wagoneer	Front	1974-93	Dana M44-1F	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁷ RD117 ⁷
		1971-73	Dana 30	29.5 (1.16")	27	3.73 & DN 3.54 & DN	RD100 ⁷ RD101
	Rear	1986-93	Dana 44	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁷ RD117 ⁷
		1980-86	AMC Model 20, 8.875" dia. RG	31.8 (1.25")	29	3.08 & UP 2.73 & DN	RD60 ² RD47
	Rear	1969-79	Dana M44-3R	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁷ RD117 ⁷
		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	1971-88	Dana M44-1F	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁷ RD117 ⁷
	Rear	1980-88	AMC Model 20, 8.875" dia. RG	31.8 (1.25")	29	3.08 & UP 2.73 & DN	RD60 ² RD47
		1970-88	Dana M44-R	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁷ RD117 ⁷
	Rear	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 ⁷ RD117 ⁷
	Rear	1974-88	Dana M60-3R	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 RD22
		1969-73	Dana M60-2R	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36
WK/WH Grand Cherokee	Front	2005 on	Chrysler 8.25" dia. RG, non-C-clip	30.7 (1.21")	29	TBA	TBA
	Rear	2005 on	Chrysler 8.25" dia. RG, non-C-clip	30.7 (1.21")	29	TBA	TBA

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 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 No application for differentials with aluminium housings.

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

⁵ Pre-1997 8.25" axle assemblies with 27 spline axle shafts will accept newer 29 spline shafts if RD93 is fitted.

⁶ 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.

⁷ 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 ^{3,4}	
		1975-93	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	
		1991-93	Dana 70, three quarter ton truck	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD97 RD98	
	Rear	1988-93	Dana 70U, three quarter ton truck	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD65 RD66	
		1983-93	Dana 60 ¹	33.3 (1.31")	30	3.54	RD22	
		1972-82	Dana 60	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD95 ⁶ RD96 ⁶	
				38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 ⁶ RD36 ⁶	
				33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 ⁶ RD22 ⁶	
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	1979-93	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	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	1994-03	Dana 44	33.3 (1.31")	30	3.91 & UP 3.73 & DN	RD116 ^{3,4} RD117 ^{3,4}	
	Rear	1994 on	Chrysler 9.25" dia. RG		31		NA	
RAM 2500, 3500	Front	1994-02	Dana 60	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD95 ⁶ RD96 ⁶	
				38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 ⁶ RD36 ⁶	
				33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 ⁶ RD22 ⁶	
	Rear	2003 on	AA&M 9.25"	Dana 70	34.8 (1.37")	33	All	RD51
					35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD97 RD98
					38.1 (1.50")	35	3.73 & DN	RD80
					40.6 (1.60")	37	3.73 & DN	RD91
	2003 on	AA&M 11.5"		39.0 (1.56")	30	All	NA ⁵	

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

⁵ Available 2009.

⁶ Several axle shaft variants were used. Verify spline count prior to ordering.

Ford

FORD									
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.		
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 3.73 & DN	RD116 ^{1,4} RD117 ¹		
		To 1982	Dana 44	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ⁴ RD117		
	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		
		To 1979	Ford 9" dia. RG, 28 spline	30.5 (1.20")	28	All	NA		
		1997 on	Ford 9.75" dia. RG	34.8 (1.37")	34	All	NA ⁷		
		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		
		1983-96	Dana 44, C-clip	30.5 (1.20")	28	All	RD82		
		To 1983	Dana 44	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 ^{1,4} RD117 ¹		
		1980-06	Dana 50, IFS w/ HD suspension option	33.3 (1.31")	30	All	RD50		
		2000 on	Dana 60, full floating	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 ² RD36 ²		
	Rear	1985 on	Ford 10.25"/10.5" dia. RG, 6250lb, full floating	38.1 (1.50")	35	All	RD37		
		1975-84	Dana 60, full floating	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 RD22		
		1995-96	Dana 60, full floating	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36		
		2002 on	Dana 70, full floating	35.8 (1.41")	32	4.56 & UP 4.10 & DN	RD97 RD98		
		1981 on	Dana 60, semi floating (C-clip)	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD42 RD43		
		F350 Pickup, E350 Van (2WD)	Front	1980-04	Dana 50	33.3 (1.31")	30	All	RD50
				1997-00	Non-HD option	33.3 (1.31")	30	All	RD50
				1986 on	Dana 60	38.1 (1.50")	35	4.10 & DN 4.56 & UP	RD36 ² RD35 ²
1985 on	Ford 10.25" dia. RG, 6250lb, full floating			38.1 (1.50")	35	All	RD37		
Rear	2000-01		Dana 60 (dual rear wheel axle models)	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36		
	1988 on		Dana 60, full floating	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 RD36		
	1975-85		Dana 70HD, 10.5" dia. RG	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD53 ⁴ RD54		
	1975-85		Dana 70U	38.1 (1.50")	35	4.57 & UP 4.10 & DN	RD65 RD66		
1973-79	Dana 60, full floating	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD21 RD22				
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 on	Dana 35 (non-standard)				NA		
Expedition	Rear	1990 on	Ford 8.8" dia. RG, C-clip	30.5 (1.20")	28	All	RD82		
	Front	1997 on	Ford 8.8" dia. RG, C-clip	33.5 (1.32")	31	All	RD81		
F450/550 Pickup, Super Duty Van (2WD), E/F350 Dually	Front	1997 on	Ford 9.75" dia. RG	30.5 (1.20")	28	All	RD82		
		1997 on	Ford 9.75" dia. RG				NA		
	Rear	1997 on	Dana 60	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD35 ² RD36 ²		
	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 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 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.

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 Under development.

Isuzu

ISUZU							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Trooper	Front	1988 on	Independent suspension (IFS)	28.4 (1.12")	17	All	RD94 ¹
		1987-91	Turbo diesel & V6 petrol only	33.5 (1.32")	26	All	RD44
	Rear	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
Pickup	Front	1988 on	Independent suspension (IFS)	28.4 (1.12")	17	All	RD94 ¹
	Rear	1993 on	All models including 4x2	33.5 (1.32")	26	All	RD44 ⁴
Isuzu Amigo, MU Isuzu Rodeo/Sport,	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
Isuzu 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 internationally. Axle model must be checked prior to purchase of Air Locker.

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	RD127 ^{1,4}
		1993-98	Rover type	31.5 (1.24")	24	3.54	RD128 ^{1,5}
		1998-06	Rover type, P38A	31.5 (1.24")	24	3.54	RD138 ⁵
	Rear	To 1993	Rover type	28.2 (1.11")	10	3.54	RD127 ^{1,4}
		1993-98	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
	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}
	Rear	All	Rover type	31.5 (1.24")	24	3.54	RD128 ^{1,5}
Discovery Series III	Front	2005 on	Rover type, P38A	31.5 (1.24")	24	3.54	RD128 ⁶
	Rear	2002 on	Rover type, P38A	31.5 (1.24")	24	3.54	RD138 ⁶
Defender 110, 130, County	Front	2005 on					NA
		2005 on					NA
	Rear	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}
		1983-02	Salisbury type	31.5 (1.24")	24	3.54	RD20
Rear	2002 on	Rover type	31.5 (1.24")	24	3.54	RD128 ⁶	
	2002 on	Rover type, P38A	31.5 (1.24")	24	3.54	RD138 ⁶	
Defender 90, County	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}
	Rear ²	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}
		2002 on	Rover type, P38A	31.5 (1.24")	24	3.54	RD138 ⁶
LWB models V8 engine	Front	1979-83	Rover type	28.2 (1.11")	10	3.54	RD127
	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	RD127 ^{2,3}
			Salisbury type	31.5 (1.24")	24	4.7	RD32
	Rear	1948-85	Rover type	28.2 (1.11")	10	4.7	RD127 ^{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 190201 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

MAZDA							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Navajo (US)	Front	1990-94	Dana 35	29.5 (1.16")	27	2.73-3.31	RD103
	Rear	1990-94	Ford 8.8" dia. RG, C-clip	30.5 (1.20") 33.5 (1.32")	28 31	All All	RD102 ³ RD82 ² RD81 ²
B4000, Pickup (US)	Front	1993-94	Dana 35	29.5 (1.16")	27	2.73-3.31	RD103
	Rear	1993	Ford 8.8" dia. RG, C-clip	30.5 (1.20") 33.5 (1.32")	28 31	All All	RD102 ³ RD82 ² RD81 ²

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.

Mitsubishi

MITSUBISHI							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Montero, Raider	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	RD05
		1987-95	9.00" 12 bolt 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		
Montaro 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

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/Delica 3.0L petrol automatic.

Nissan

NISSAN							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Frontier, Xterra, Pathfinder, Titan 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 ⁴
	Rear	1986 on	H233B,31 spline, 6 cyl.	32.0 (1.26")	31	All	RD136 ^{3,4}
			H233B,33 spline, 6 cyl.	33.3 (1.31")	33	All	RD135 ³
			C200,29 spline, 4 cyl.	30.4 (1.20")	29	All	RD107 ^{1,3,4}
			C200,31 spline	32.0 (1.26")	31	All	RD106 ^{3,4}
			R230,33 spline,IRS	33.3 (1.31")	33	3.54 & UP	RD137 ⁶
M226,32 spline,10 bolt RG		32	All	RD149 ⁵			

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

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.

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

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

⁵ Available late 2008.

⁶ RD137 does not suit ratio up to 3.36:1 due to RG offset.

Suzuki

SUZUKI							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Samurai / Jimny	Front	1998-03	Jimny model with 8 bolt RG	23.9 (0.94")	22	All	RD87
		1984-98	Leaf spring suspension	23.9 (0.94")	22	All	RD75
	Rear	1984 on	1.3 litre models only	27.4 (1.08")	26	All	RD88
Vitara / Sidekick Grand Vitara, XL7	Front	1988-98	26 spline	27.4 (1.08")	26	All	RD88
			22 spline	23.9 (0.94")	22	All	RD75
		1998-05	26 spline ADD	27.4 (1.08")	26	All	NA ²
		2005 on				All	NA
	Rear	1988-93	Suzuki 10 bolt RG	27.4 (1.08")	26	All	RD74 ¹
		1993-00	Suzuki 12 bolt RG	27.4 (1.08")	26	All	RD79 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 RD88, 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.

Toyota / Lexus

TOYOTA / LEXUS							
Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	ARB Part No.
Landcruiser 200 Series, Lexus LX570	Front	2007 on	IFS	34.8 (1.37")	34	All	NA ⁶
	Rear	2007 on	All models	34.8 (1.37")	32	All	RD64
LandCruiser 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	33 (1.31")	30	All	RD132
	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	RD132
	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
HiLux, Pickup, FJ Cruiser FJ Cruiser (US) ⁷	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
	Rear	To 1988	4 cylinder, 45mm bearing ID	33 (1.31")	30	All	RD132 ¹
		1988-05	All models, 50mm bearing ID	33 (1.31")	30	All	RD132
		2005 on	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
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 on	V6, 4WD, 50mm bearing ID	33 (1.31")	30	All	RD132
		1988 on	V6, 2WD, 45mm bearing ID	33 (1.31")	30	All	RD132 ¹
Lexus GX (JA)	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
T100, Tacoma	Front	2004 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	All	8" dia. RG, 12 bolt	33 (1.31")	30	All	RD129
Tundra	Front	2007 on	IFS	34.8 (1.37")	34	All	NA ⁶
		2005-07	8" dia. RG, IFS clamshell, 53mm BRNG	33 (1.31")	30	3.91 & UP 3.73 & DN	RD111 ³ RD121 ³
	Rear	To 2004	7.5" dia. RG, 10 bolt, IFS	28 (1.1")	27	All	RD90
		2007 on	TBD		36		TBD
		2005-07	8" dia. RG, 12 bolt	33 (1.31")	30	All	RD129

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 May use either RD111 or RD121. Model required varies with R&P ratio used.

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

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

⁶ Under development.

⁷ No application to replace factory locker.

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	3.73 & DN		32	35.8 (1.41")	24/48 DP	30°	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 70	4.56 & UP		37	40.6 (1.60")	24/48 DP	45°	RD115
Rockwell 2.5 Ton	ALL		16	41.3 (1.63")	TAPERED	30°	RD145

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.

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

Differential Covers

Differential Covers		
Axle Type	Application I	ARB Part No.
Dana 30	Not suitable for IFS applications.	0750001
Dana 35		0750002
Dana 44	Not suitable for Dana 44A (aluminum housing)	0750003
Dana 60		0750004

NOTE : 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 red, precision machined, and clear coated.

APPLICATIONS BY PART NUMBER

ARB Part No.	Description	Splines	Ratio
CKSA12	On-Board Air Compressor Kit,Small (suitable for 12 & 24V)		
CKMA12	On-Board Air Compressor Kit,High Output,12V		
CKMA24	On-Board Air Compressor Kit,High Output,24V		
CKMP12	Portable Air Compressor Kit,High Output		
ARB Part No.	Description	Splines	Ratio
RD05	Mitsubishi 8",RR,28 SPL	28	All
RD12	GM 12 Bolt,8.9",30 SPL,3.73 & UP	30	3.73 & UP
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
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
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
RD74	Suzuki Vitara,RR,26 SPL,10 bolt RG	26	All
RD75	Suzuki,FR,22 SPL,10 bolt RG	22	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
RD90	Toyota 7.5" IFS	27	All
RD91	Dana 80,37 SPL	37	Varies by Mfg.
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	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
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
RD119	Ford 9",31 SPL	31	All
RD121	Toyota 8" IFS,53mm BRNG	30	3.73 & DN
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
RD127	Land Rover,10 SPL, Banjo	10	3.54
RD128	Land Rover,24 SPL,Banjo	24	3.54
RD129	Toyota Tacoma,RR	30	All
RD131	Toyota 8" IFS,50mm BRNG	30	All
RD132	Toyota 8",50mm BRNG	30	All
RD133	Toyota 8",RR,shim adjusted	30	All
RD135	Nissan H233B,33 SPL	33	All
RD136	Nissan H233B,31 SPL	31	All
RD137	Nissan R230,33 SPL,IRS	33	3.54 & UP
RD138	Land Rover,24 SPL,Banjo,T/C	24	3.54
RD143	Dana 44,32 SPL,3.73 & DN	32	3.73 & DN
RD145	Rockwell 2.5 Ton	16	All
RD147	Dana 44,35 SPL,3.73 & DN	35	3.73 & DN
RD149	Nissan M226,32 SPL	32	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.

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

'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

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

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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Part No. 215110
Revision Date (m/d/y) 08/06/2008
