



HF PRODUCT MANUAL

# HAIFENG

## DIFFERENTIAL



HIGH QUALITY PRODUCTS BEST  
AND SINCERE SERVICE!



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WENLING HAIFENG DIFFERENTIAL CO., LTD



# HAIFENG COMPANY PROFILE

WENLING HAIFENG DIFFERENTIAL CO., LTD

温岭市海风差速器有限公司位于浙江省东南部 - 温岭市，新千年第一缕曙光照耀的地方。它邻近上海和杭州，有着出众的自然条件和方便的交通运输。

公司拥有高素质的专业技术人才和先进的生产设备，保证了产品的高质量和完善售后服务。我们为客户提供最优质的产品。“诚信，务实，高效，创新”是我们的宗旨；“专注于人，精益求精”是我们的追求。

本公司专业生产差速锁、空气压缩机和盆骨齿等汽车配件。我们的产品无论在国内外，都深受客户的一致好评。

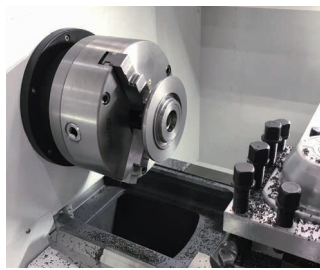
随着社会的进步和科技的发展，温岭市海风差速器公司将不断提高我们的产品质量。我们将继续为客户提供更可靠，更高效的产品和服务。我们非常希望能与您保持长期友好的业务关系。相信我们能有一个良好的开端和光明的未来！

Wenling Haifeng Differential Gear Corporation is located in southeast of Zhejiang province. Wenling, the county enjoyed the very first wisp of sunshine of the new Millennium and the new century in the mainland of China. It adjacents to Shanghai and Hangzhou city. Superior of it 's natural condition, it is convenience for the traffic and the transportation.

The company has high-quality professional-skill talents and sophisticated manufacturing equipments to ensure high-level quality of products and perfect after-sales services. We provide the best quality products for our clients. "Honest, pragmatic, efficient and innovation" is our aim; "Focus on people and seek for ever greater perfection" is our pursuit.

The company specializes in air locker and air compressor. Our products have been well received by clients both in and abroad.

As social progress and technological develop, Wenling Haifeng Differential Gear Corporation will keep improving the quality of our products. We will keep providing more reliable and more efficient products and services for our clients. We would like to express our warmest welcome to keep long and friendly business relationship with you. We believe we can have a good beginning and a brilliant future!





## APPLICATIONS BY PART NUMBER

HF Part No.	Description	Splines	Ratio	Superseded Part #(s)
RD05	Mitsubishi 8",RR,28 SPL	28	All	
RD12	GM 12 Bolt,8.9",30 SPL,3.73 & UP	30	3.73 & UP	
RD40	GM 14 Bolt,9.5",C - clip	33	All	
RD46	Mitsubishi 9",RR,28 SPL	28	All	RD25
RD90	Toyota 7.5" IFS	27	All	
RD93	Chrysler 8.25",29 SPL	29	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	
RD112	Chrysler 8.25",27 SPL	27	All	
RD113	Dana 44,33 SPL,3.92 & UP	33	3.92 & UP	
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
RD121	Toyota 8" IFS,53mm BRNG	30	3.73 & DN	
RD125	Dana 35,non C - clip,30 SPL,3.54 & UP	30	3.54 & UP	
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
RD138	Land Rover,24 SPL,Banjo,P38A	24	All	RD57
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	
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	
RD152	Toyota 9.5" ,32SPL	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	
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

HF Part No.	Description	Splines	Ratio	Superseded Part #(s)
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
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	
RD193	Toyota 8.25" RR,12 Bolt RG,shim adjusted	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	GM12bolt,8.875"dia.RG,semi floating	30	3.73 & UP	RD216
RD217	IFS,29 spline,clamshell type	29	All	RD217
RD218	IFS,29 spline,clamshell type,Disco 3 only	31	All	RD218
RD226	Dana 44A.ZJ C - clip;WJ non C - clip	30	All	RD226



## CHRYSLER OR JEEP DIFFERENTIAL



RD100



ET117

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.	
CJ(5, 6, 7 & 8), YJ & TJ Wrangler, XJ Cherokee XJ Wagoneer, ZJ,WJ,Grand Cherokee 3,	Front	1971on	Dana 30	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 RD101	ET100 ET101	
	Rear	1993-2004	Dana 44A.ZJ C-clip;WJ non C-clip	33.3(1.31")	30	ALL	RD226		
		1990on	Dana 35 C-clip,XJ,YJ,ZJ,TJ,WJ	29.5 (1.16")	27	2.73-3.31 3.54&UP	RD103 RD102		
		1997-00	Chrysler 8.25" dia. RG,	30.7 (1.21")	29	ALL	RD93		
		To-1996	Chrysler 8.25" dia. RG	29.5 (1.16")	27	ALL	RD112		
		1997 on	Dana 44, TJ model only3	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
		1985-89	Dana351,non C-clip	29.5(1.16 ")	27	3.54&UP 2.73-3.31	RD102 RD103		
		1987-89	Dana44, Commanche truck	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
		1986-91	Dana 44, XJ w/ metric ton package	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
		1969-75 ,86	Dana 44-3R	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
		1974-93	Dana M44-1F	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
	Full size AMC Cherokee, Grand Wagoneer	Front	1971- 73	Dana 30	29.5(1 16")	27	3.73 & UP 3.54 & DN	RD100 RD101	ET100 ET101
		Rear	1986-93	Dana 44	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117
			1969-79	Dana M44-3R	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117
	J10, Light Truck, FC150, 170, Honcho	Front	1971-88	Dana M44-1F	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117
Rear		1970-88	Dana M44-R	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
J20, Medium Truck, J30, Heavy Truck	Front	1970-88	Dana M44-1F	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
	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		
JK Jeep Wrangler (not Rubicon models)	Front	2007 on	Dana 30	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 RD101	ET100 ET101	
	Rear	2007 on	Dana 44	33.3 (1.31")	30	All	RD116 RD117	ET116 ET117	
KJ,kk, Jeep Liberty, Cherokee	Front	2001 on	Dana 30 IFS	29.5 (1.16")	27	3.73 & UP 3.54 & DN	RD100 RD101	ET100 ET101	
	Rear	2001 on	Chrysler 8.25" dia. RG, C-clip	30.7(1.21")	29	All	RD93		
WK/WH Grand	Rear	2005 on	Chrysler 8.25 " dia. RG, non-C-Clip	30.7(1.21")	29	All	RD93		
XK/XH Commander	Rear	2005 on	Chrysler 8.25 " dia. RG, non-C-Clip	30.7(1.21")	29	All	RD93		

## TOYOTA/LEXUS DIFFERENTIAL



RD142



ET132

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.	
LandCruiser J200 Series Lexus LX570	Front	2007 on	All models	34.8(1.37")	34	All	RD151		
	Rear	2007 on	All models	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	ET131	
	Rear	1998 on	Live axle suspension	33 (1.31")	30	All	RD132	ET132	
LandCruiser Prado, 90,120 and 150 series, Lexus GX	Front	1996-03	7.5"dia. RG, 10 bolt, IFS 8" dia . RG, IFS clamshell, 53mmBRNG	28(1.1")	27	All	RD90		
		2003on	7.5"dia. RG, 10 bolt, IFS 8" dia . RG, IFS clamshell, 53mmBRNG	33 (1.31")	30	3.91&UP 3.73&DN	RD111 RD121	ET111 ET121	
	Rear	1996 on	8" dia. RG,10 bolt 8.25"dia.RG,12bolt (shimmed)	33 (1.31")	30	All	RD132	ET132	
		2009 on	12 bolt, full floating 10 bolt, full floating	33 (1.31") 33 (1.31")	30	All	RD193 RD142	ET193 ET142	
	LandCruiser40, 55, 60, 62, 70,73,74,75, & 90 Series,Lexus LX450	Front	To 1989	12 bolt, semi floating 10 bolt, full floating	33 (1.31") 33 (1.31")	30	All	RD142 RD132	ET142 ET132
		Rear	1969-76	12 bolt, semi floating, 45mm bearing ID	33 (1.31")	30	All	RD153	
FJ40s made in south America Bundera, LandCruiser II, LJ70, RJ70	Front	1977-89	12 bolt, full floating, 45mm bearing ID	33 (1.31")	30	All	RD142	ET142	
		1990-97	12 bolt, full floating, 50mm bearing ID	33 (1.31")	30	All	RD142	ET142	
	Rear	1977-92	12 bolt, semi floating , 50mm bearing ID	33 (1.31")	30	All	RD153		
		To 2005	Dana 60	33 (1.31")	30	4.56&UP 4.10&DN	RD162 RD163		
HiLux, Pickup Hiace,Fortuner	Front	ALL	10 bolt	33(1.31")	30	All	RD132	ET132	
		to 1985	10 bolt, 45mm bearing ID	33(1.31")	30	All	RD132	ET132	
	Rear	1986 on	10 bolt, 50mm bearing ID	33(1.31")	30	All	RD132	ET132	
		ALL	10 bolt, live axle	33(1.31")	30	All	RD132	ET132	
	Front	To2005	7.5"dia.RG,10bolt, IFS 8" dia. RG IFS clamshell, 53mmBRNG	28(1.1")	27	All	RD90		
		2005 on	8" dia. RG IFS clamshell, 53mmBRNG	33(1.31")	30	3.73&DN 3.91&UP	RD121 RD111	ET121 ET111	
	4Runner, LN61, YN63	Rear	To-1988	4 cylinder, 45mm bearing ID	33(1.31")	30	All	RD132	ET132
			1988-05	All models, 50mm bearing ID	33(1.31")	30	All	RD132	ET132
		Front	2005-15	Adjuster nut models, 50 or 53mm bearing ID Dana Spicer shim adjusted models	33(1.31") 33(1.31")	30	All	RD132 RD133	ET132
			2015 on	TBD					NA
T100,Tacoma	Front	ALL	10 bolt, live axle	33(1.31")	30	All	RD132	ET321	
		To2003	7.5 " dia.RG,10bolt,IFS 8" dia. RG IFS clamshell, 53mmBRNG	28(1.1")	27	All	RD90		
	Rear	2003 on	8" dia. RG IFS clamshell, 53mmBRNG	33(1.31")	30	3.91&up 3.73&DN	RD111 RD121	ET111 ET121	
		1984-88	4 cylinder,45mm bearing ID	33(1.31")	30	All	RD132	ET132	
		1988-10	V6,4WD,50mm bearing ID	33(1.31")	30	All	RD132	ET132	
Tundra	Front	1988-10	V6,2WD,45mm bearing ID	33(1.31")	30	All	RD132	ET132	
		2010 on	8.25" dia. RG, 12 bolt (shimmed)	33(1.31")	30	All	RD193	ET193	
	Rear	2005 on	8" dia. RG IFS clamshell, 53mmBRNG	33 (1.31")	30	3.91&UP 3.73&DN	RD111 RD121	ET111 ET121	
		To2004	7.5"dia.RG,10bolt,IFS 8"dia.RG,12 bolt	28(1.1") 33(1.31")	27 30	All All	RD90 RD129		
Sequoia	Front	2007 on	All models	34.8(1.37")	34	All	TBD		
	Rear	2007 on	7.5"dia.RG,10bolt,IFS 8"dia.RG,12 bolt 10.5" dia.RG	28(1.1") 33(1.31") 36.8(1.45")	27 30 36	All All All	RD151 RD146 RD151		
FJ cruiser	Front	2007 on	All models	34.8(1.37")	34	All	RD151		
	Rear	To 2008	7.5"dia.RG,10bolt,IFS 8" dia.RG,12 bolt 10" dia.RG,IRS	28(1.1") 33(1.31")	27 30	All All	RD90 RD129		
FJ cruiser	Front	2008 on	8" dia. RG IFS clamshell, 53mmBRNG	33(1.31")	30	All	TBD		
	Rear	2005 on	8" dia. RG IFS clamshell, 53mmBRNG	33(1.31")	30	3.91&UP 3.73&DN	RD111 RD121	ET111 ET121	
FJ cruiser	Front	2006-09	8" non - factory locker model	33(1.31")	30	All	RD132	ET132	
	Rear	2010 on	8.15"dia.RG, non - factory locker model	33(1.31")	30	All	RD193	ET193	





## 专注于人 精益求精

We provide the best quality products for our clients. "Honest, pragmatic, efficient and innovation" is our aim; "Focus on people and seek for ever greater perfection" is our pursuit.



## NISSAN DIFFERENTIAL



RD135



RD136

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
Navara D21.D22	Front	1986 on	R200A,10bolt RG, 6 cyl.	30.4(1.20")	29	ALL	RD107	
	Rear	1986 on	H233B,31 spline, 6 cyl.	32.0 (1.26")	31	ALL	RD136	
		1986-97	C200,29 spline,(4 cyl)	30.4(1.20")	29	ALL	RD202	
Pathfinder WD21,R50	Front	1986-05	R200A,6 cyl	30.4(1.20")	29	ALL	RD202	
	Rear	1986-05	H233B,31 spline, (6 cyl)	32.0 (1.26")	31	ALL	RD136	
			H233B,33 spline, (6 cyl)	33.3 (1.31")	33	ALL	RD135	
		1986-97	C200,29 spline,(4 cyl)	30.4(1.20")	29	ALL	RD202	
Y61, Patrol GU 途乐 Y61	Front	1998 on	H233B	32.0 (1.26")	31	ALL	RD136	
	Rear	1998 on	H233B 'small'	33.3 (1.31")	33	ALL	RD135	
		1998 on	H260 'large', 37 spline	38.4(1.51")	37	ALL	RD215	
Y60, Patrol GQ 途乐 Y60	Front	1988-98	H233B,31 SPL	32.0 (1.26")	31	ALL	RD136	
	Rear	1988-98	H233B,33 SPL	33.3 (1.31")	33	ALL	RD135	
		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	
	Rear	1979-88	C200	30.4(1.20")	29	ALL	RD202	
		1979-88	H233	32.0(1.26")	31	ALL	RD134	
		1979-88	H260	38.4(1.51")	37	ALL	RD215	
Terrano II Wagon	Front	1997on	H233B	32.0 (1.26")	31	ALL	RD136	
	Rear	2003on	H233B	32.0 (1.26")	33	ALL	RD135	

## MITSUBISHI DIFFERENTIAL



RD155



ET212

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
Montero, Raider, Pajero, Delica (van) Shogun	Front	1989on	IFS,28 spline,8.00" RG	28.8(1.13")	28	ALL	RD110	
	Rear	1987-95	9.00" 12 bolt RG	30.5 (1.20")	28	ALL	RD212	ET212
		1983-86	8.00" 10 bolt RG	30.5 (1.20")	28	ALL	RD05	
		1993-00	3.5L&2.8TDI,NJ,NK, NL,9.5" RG, live axle	33.6(1.32")	31	ALL	RD154	ET154
		2000 on	NM,NP,NS,NT 9.5" RG,IRS	33.6(1.32")	33	ALL	RD155	ET155
Pajero /Montero iO,	Rear	ALL	8.00" 10 bolt RG	30.5 (1.20")	28	ALL	RD05	
Challenger Montero Sport	Front	ALL	IFS,28 spline	28.8(1.13")	28	ALL	RD110	
	Rear	ALL	3.0L ,9.00" RG	30.5	28	ALL	RD212	ET212
		ALL	3.5L, 9.50"RG	33.6(1.32")	31	ALL	RD154	ET154
		ALL	2.5L, 9.50"RG	33.6(1.32")	31	ALL	RD154	ET154
Triton, Pickup,L200	Front	ALL	IFS,28 spline,8.00"RG	28.8(1.13")	28	ALL	RD110	
	Rear	ALL	9.00" RG	30.5 (1.20")	28	ALL	RD212	ET212
		2002 on	9.50" RG	33.6(1.32")	31	ALL	RD154	ET154

## DODGE DIFFERENTIAL



Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
100, 150, 200, 250, A, B, D, W	Front	All	1988 - 95& 1971 - 82	33.3 (1.31")	30	3.91 & UP 3.73 & DN	RD116 RD117	ET116 ET117
		1975 - 93	Dana 60, three quarter ton truck	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD162 RD163	
		1988 - 95& 1971 - 82	Dana 60HD, three quarter ton truck	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD166 RD167	
		1983 - 93	Dana 60	33.3 (1.31")	30	3.54 4.56&UP	RD163 RD164	
		1972 - 82	Dana 60	35.8( 1.41 ")	32	4.10&DN	RD165	
	Rear	1972 - 82	Dana 60	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD166 RD167	
				33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD162 RD163	
		1997 on	Chrysler 8.25" dia. RG, C - clip	30.7 (1.21")	29	All	RD93	
		to 1996	Chrysler 8.25" dia. RG, C - clip	29.5 (1.16")	27	All	RD112	
		1976 - 95	Dana 60HD	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD166 RD167	
300, 350, 400, B, C, M, W	Front	1955 on	Dana 60	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD162 RD163	
		1994 - 03	Dana 44	33.3 (1.31")	30	3.91 & UP 3.73 & DN	RD116 RD117	ET116 ET117
RAM 1500	Front	1994 - 02	Dana 60	35.8(1.41 ")	32	4.56&UP 4.10&DN	RD164 RD165	
		1994 - 2002	Dana 60	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD166 RD167	
				33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD162 RD163	



## SUZUKI DIFFERENTIAL

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
Sierra/Samurai/ Jimny Holden Drover	Front	2003on	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	
		1984 - 98	Leaf spring suspension 1.3 litre models only	23.9(0.94")	22	ALL	RD205	
Jimny (Japan only) (JA11, JA12)	Rear	1990 - 95	JA11,660cc turbocharged engines ONLY	23.9 (0.94")	22	ALL	RD207	
		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	
		1988 - 93	22 spline	23.9 (0.94")	22	ALL	RD205	
	Rear	1988 - 93	Suzuki 10 bolt RG	27.4(1.08")	26	ALL	RD204	
		1993 - 00	Suzuki 12 bolt RG	27.4(1.08")	26	ALL	RD209	

## ISUZU DIFFERENTIAL



Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.	
Isuzu Trooper	Front	1988 on	Independent suspension(IFS)	28.4(1.12")	17	All	RD203		
		1987 - 91	Turbo diesel&V6 petrol only	33.5(1.32")	26	All	RD213	ET213	
		1993 - 97	All models	33.5(1.32")	26	All	RD213	ET213	
Isuzu Pickup, D - Max Opel Campo MUX	Front	1988 on	Independent suspension(IFS)	28.4(1.12")	17	All	RD203		
		Rear	1987 - 91	4*4 diesel & 4*2diesel models	33.5(1.32")	26	All	RD213	ET213
			1993 on	All models including 4*2	33.5(1.32")	26	All	RD213	ET213
Isuzu Rodeo/ Sport, Isuzu Amigo, MU	Front	1990 on	Independent suspension(IFS)	28.4(1.12")	17	All	RD203		
		Rear	1990 on	Dana 44	33.3(1.31")	30	4.56&UP 4.13&DN	RD117 RD117	ET117 ET117
Isuzu Axiom, Honda Passport	Front	2001 on	Independent suspension(IFS)	28.4(1.12")	17	All	RD203		
		Rear	2001 on	Dana 44	33.3(1.31")	30	4.56&UP 4.13&DN	RD117 RD117	ET117 ET117



## CHEVROLET OR GMC OR HUMMER DIFFERENTIAL

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.	
10/1500 Series, C, G, K, P, Blazer, Jimmy, Yukon, Suburban1, Vans	Front	To 1980	Dana M44, 3600lb	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
		To 1982	GM 12 bolt,8.875"dia. RG,semi floating	33.3 (1.31")	30	3.73 & UP	RD216		
20/2500 Series, C, G, K, P, Cab Chassis, Pickup, Suburban1, Rally, Sportvan	Front	To 1980	Dana 44	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117	
		Rear	1975 - 77	Dana 60HD	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD166 RD167	
			To 1974	Dana 60	33.3(1.31 ")	35	4.56 & UP 4.10 & DN	RD162 RD163	
30/3500 Series, C, K, G, P, RV, Pickup, Suburban, Rally, Sportvan 2500HD	Front	1977 - 90	Dana 60HD	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD166 RD167		
		Rear	1975 - 86	Dana 60HD, full floating	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD166 RD167	

**FORD**  
DIFFERENTIAL



RD116

ET116

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
Maverick (Nissan Patrol GQ)	Front	All	H233B	32.0 (1.26")	31	All	RD136	
	Rear	All	H233B		33	All	RD135	
F100/150 Pickup, E100/150 Van (2WD), Bronco	Front	1983-96	Dana 44, C-clip	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117
		To1982	Dana 44	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117
	Rear	1977-79	Dana 44	33.3 (1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117
F250 Pickup, E250 Van (2WD)	Front	1983-96	Dana 44, C-clip	33.3(1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117
		To 1983	Dana 44	33.3(1.31")	30	3.92 & UP 3.73 & DN	RD116 RD117	ET116 ET117
		2000 on	Dana 60, full floating	38.1 (1.50")	35	4.56 & UP 4.10 & DN	RD166 RD167	
	Rear	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	
		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	1986 on	Dana 60	38.1 (1.50") 38.1 (1.50")	35 35	4.56 & UP All	RD166 RD167	
	Rear	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	
		1973-79	Dana 60, full floating	33.3 (1.31")	30	4.56 & UP 4.10 & DN	RD162 RD163	
Explorer, Ranger(US), Aerostar (2WD)	Front	1990-97	Dana35(V6 only)	29.5(1.16")	27	3.54&UP	RD102	
						2.73-3.31	RD103	
Courier, Ranger(Thai)	Rear	2006-11	Dana 44,32 spline	35.8(1.41")	32	ALL	RD143	ET143



**LAND ROVER**  
DIFFERENTIAL



RD138

RD128

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
Range Rover	Front	To1993	Rover type	28.2 (1.11")	10	3.54	RD127	ET127
		1993-96	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
		1994-01	Rover type,P38A	31.5 (1.24")	24	3.54	RD138	ET138
		2002 on	Rover type,L322				NA	
	Rear	To1993	Rover type	28.2 (1.11")	10	3.54	RD127	ET127
		1993-96	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
		1994-01	Rover type,P38A	31.5 (1.24")	24	3.54	RD138	ET138
		2002 on	Rover type,L322				NA	
Discovery	Front	To 1993	Rover type	28.2 (1.11")	10	3.54	RD127	ET127
		1993-98	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
	Rear	To 1993	Rover type	28.2 (1.11")	10	3.54	RD127	ET127
Discovery Series II	Front	1993-98	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
	Rear	All	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
Discovery Series II / IV, Range Sport	Front	2002 on	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
		2002 on	Rover type,P38A	31.5 (1.24")	24	3.54	RD138	ET138
	Rear	2004 on	IFS,29spline,clamshell type	31.5 (1.24")	29	ALL	RD217	
Defender 110, 130, County	Front	1983-93	Rover type	28.2 (1.11")	10	3.54	RD127	ET127
		1993 on	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
	Rear	2002 on	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
		1983-02	Rover type,P38A	31.5 (1.24")	24	3.54	RD138	ET138
LWB models V8engine	Front	1979-83	Salisbury type	28.2 (1.11")	10	3.54	RD127	ET127
	Rear	1979-83	Salisbury type	31.5 (1.24")	24	3.54	RD161	
Defender 90, County	Front	1984-93	Rover type	28.2 (1.11")	10	3.54	RD127	ET127
		1993 on	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
	Rear	1983-93	Rover type,4cyl.petroil & diesel engines	28.2 (1.11")	10	3.54	RD127	ET127
		1993 on	Rover type	31.5 (1.24")	24	3.54	RD128	ET128
Series III, Series II, Series I	Front	2002 on	Rover type,P38A	31.5 (1.24")	24	3.54	RD138	ET138
			Rover type	28.2 (1.11")	10	4.7	RD127	ET127
	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	ET127

**SSANGYONG**  
DIFFERENTIAL



RD117

ET117

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
Musso/Rexton / Korando	Rear	1996 on	Dana 44, manual	33.3 (1.31")	30	4.55	RD116	ET116
		1996 on	Dana 44, automatic	33.3 (1.31")	30	3.73	RD117	ET117



**HYUNDAI**  
DIFFERENTIAL



RD156



RD110

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
Terracan	Front	2001on	All models	28.8(1.13")	28	ALL	RD110	
	Rear	2001on	All models	34.8(1.37")	34	ALL	RD156	
Galopper/Galopper II	Front		All models	28.8(1.13")	28	ALL	RD110	
	Rear		8.00" 10 bolt RG2	30.5(1.20")	28	ALL	RD210	
			8.00" 10 bolt RG2	30.5(1.20")	28	ALL	RD212	ET212



RD208



RD206

**SANTANA**  
DIFFERENTIAL

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
UAZ - 469	Rear				10		RD305	
SANTANA - PS300	Front		10 bolt RG (Suzuki Vitara type)	27.4 (1.08")	26	ALL	RD208	
SANTANA - PS350	Front		10 bolt RG (Suzuki Vitara type)	27.4 (1.08")	26	ALL	RD208	
MAZDA - Navajo(US)	Front	1990 - 94	Dana35	29.5(1.16")	27	3.54&UP	RD102	
						2.73 - 3.31	RD103	
MAZDA - B4000, Pickup(US)	Front	1993 - 94	Dana35	29.5(1.16")	27	3.54&UP	RD102	
						2.73 - 3.31	RD103	
MAZDA - BT - 50(Thai)	Rear	2006 - 11	Dana 44, 32 spline	35.8(1.41")	32	ALL	RD143	ET143



RD213



RD203

**Holden**  
DIFFERENTIAL

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
Holden Jackaroo	Front	1988	Independent	28.4(1.12")	17	All	RD203	
	Rear	1987	Turbo diesel&V6 petrol only	33.5(1.32")	26	All	RD213	ET213
		1993 - 97	All models	33.5(1.32")	26	All	RD213	ET213
Holden Rodeo/Colorado	Front	1988	Independent	28.4(1.12")	17	All	RD203	
	Rear	1987	4*4 diesel & 4*2 diesel	33.5(1.32")	26	All	RD213	ET213
		1993	All models including 4*2	33.5(1.32")	26	All	RD213	ET213
Holden Frontera/Sport	Front	1990 on	Independent suspension(IFS)	28.4(1.12")	17	All	RD203	
	Rear	1999 on	Dana 44	33.3(1.31")	30	4.56&UP 4.13&DN	RD117 RD117	ET117 ET117

切诺基 / 长城 / 牧马人  
DIFFERENTIAL



RD112



RD101

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
切诺基 4缸、6缸	Front	ALL	Dana 30	29.5 (1.16")	27	3.54 & DN	HF101	
	Rear	ALL	Chrysler 8.25" dia. RG, C-clip	29.5 (1.16")	27	ALL	HF112	
长城 - 塞弗	后桥	All	2.4 .2.8T 柴油	33 (1.31")	30	All	HF300	ET300
	后桥	All			粗牙	All	HF300 - 1	
长城 - 哈弗	后桥	All	2.4 .2.8T 柴油 10 bolt RG	33 (1.31")	30	All	HF300	ET300
	后桥	All	柴油 diesel oil 2.5T/2.0T, 9.00" 12 bolt RG	33 (1.31")	30	All	HF301	ET301
长城 - 皮卡	后桥	All	10bolt RG	33 (1.31")	30	All	HF300	ET300
	后桥	All	9.00"10 bolt RG	33 (1.31")	30	All	HF301	ET301
牧马人 - 撒哈拉	Front	ALL	Dana 30	29.5 (1.16")	27	3.54 & DN	RD100	ET100
	Rear	ALL	Dana 44 - 3R	33.3 (1.31")	30	3.73 & DN	RD117	ET117
牧马人 - 鲁宾肯	Front	ALL	Dana 44 - 3R	33.3 (1.31")	30	3.73 & DN	RD117	ET117
	Rear	ALL	Dana 44 - 3R	33.3 (1.31")	30	3.73 & DN	RD117	ET117



RD212



ET212

三菱 / 日产 / 荣威  
DIFFERENTIAL

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
三菱 - 四缸、六缸 猎豹 - 四缸、六缸 华泰吉田, 北汽勇士		ALL	9.00" RG	30.5 (1.20")	28		HF46	ET212
猎豹 飞腾	后桥	ALL				All	HF05	
速跑	前桥	ALL				All	HF110	
	后桥	ALL				ALL	HF212	ET212
郑州日产 - 帕拉丁	Front	All	6缸		29		HF202 ( HF107)	
	Rear	All	4缸		29		HF202(HF107)	
		All	6缸		33		HF135	
郑州日产 - 奥丁	Front	All	汽油				HF102 or	
		All	柴油				HF103 or	
	Rear	All	汽油				HF116	ET116
		All	柴油				HF117	ET117
东风日产 - 柴油 3.2T	Front			29.5 (1.16")	27	3.73&DN	RD182	
	Rear			33.3 (1.31")	30	3.73&up	RD117	ET117
荣威 W5	Rear			33.3(13.1")	27	3.73&DN	HF117 - 1	ET117
	Front			29.5(1.16")	30	3.73&up	HF100 - 1	ET100
特拉卡	Front	2001on	All models	28.8(1.13")	28	ALL	HF110	
	Rear	2001on	All models	34.8(1.37")	34	ALL	HF156	
霸锐	后桥	ALL				ALL	HF306	
	前桥	ALL				ALL	HF110	



## 北京 JEEP DIFFERENTIAL



RD308



ET132

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
BJ2020VJ	后桥	ALL				ALL	HF112	
JEEP2400 JEEP2500	Rear	ALL	Chrysler 8.25" dia. RG, C-clip	29.5 (1.16")	27	ALL	HF93	
BJ40	Front						RD309	
	Rear						RD308	ET308
BJ2023 CHB2	Front	2014.5				4.55	RD308	ET308
		2013.1 早期					RD300-1	ET100
	Rear	2014.5				4.55	RD307	ET308
		2013.1 早期						RD308
北汽 213	Front						RD300-1	ET100
	Rear						RD307	ET100
BJ2023 CHB1	Front	2014.6					RD100	ET132
	Rear	2014.6					RD112	ET132
北汽骑士 战旗	Rear						HF132	ET132
							RD93	RD315



RD132



ET132

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
旗胜	后桥	ALL				All	HF132-1	ET132
拓路者	Rear						HF117-2	ET117
	Front						HF110	
傲龙	Rear						HF212	ET212
SCEO	Rear						HF212	ET212
吉田	Rear						HF212-1	ET212
X5	Rear						HF212-2	ET212
角斗士 (2023)	Front						HF132-3	ET132
	Rear						HF132-3	ET132
lo(飞腾)	Rear			28	ALL		HF210	
V31, V32, V33	Rear			28	ALL		HF212	ET212
	Front			28	ALL		RD110	
V43	Rear			28	ALL		HF212	ET212
	Front			28	ALL		RD110	
V45	Rear			28	ALL		RD154	ET154
	Front			28	ALL		HF110	
V73 2002年原装 /V73 2009年国产猎豹	Front	2007on		31	ALL		HF110	
	Rear			31	ALL		HF155	ET155
V75	Front			28	ALL		HF110	
	Rear			33	ALL		HF155	ET155
EVO	Rear			31	ALL		HF154	ET154
	Front				ALL		HF110	
V93	Front				ALL		N/A	
	Rear				ALL		RD155	ET155

## 江铃



RD213



RD203

Vehicle/Model	Axle Loc'n	Year	Description	Shaft Diameter	Shaft Spline	Ratio	Air locker Part No.	E-Locker Part No.
江铃驭胜自动	Front						RD314	
	Rear						RD313	ET313
江铃驭胜手动	Front						HF111	
	Rear						RD313	ET313
D-MAX	Front						RD314	
	Rear						RD313	ET313
X9	Front						RD314	
	Rear						RD313	ET313

## Ring and pinion gear 盆骨齿



Vehicle/Model	Axle Loc'n	Year	Description	Photo	Ratio	Air locker Part No.
Suzuki Jimny	Front		Ring and pinion gear (盆骨齿) 10 bolt RG		4.625	HFCS837 - 10 - left
	Rear		Ring and pinion gear (盆骨齿) 10 bolt RG		4.625	HFCS837 - 10 - right
	Front		Ring and pinion gear (盆骨齿) 10 bolt RG		4.875	HFCS839 - 10 - left
	Rear		Ring and pinion gear (盆骨齿) 10 bolt RG		4.875	HFCS839 - 10 - right
牧马人 Jeep Rubicon	Front		Ring and pinion gear (盆骨齿) 10 bolt RG		4.875	D44 - 2051 - 488
	Rear		Final reduction gear (盆骨齿) 10 bolt RG		4.875	D44 - 2052 - 488
牧马人 SAHARA	Front		Ring and pinion gear (盆骨齿) 10 bolt RG		4.875	D30 - 2050 - 488
	Rear		Ring and pinion gear (盆骨齿) 10 bolt RG		4.875	D44 - 2052 - 488
	Front		Ring and pinion gear (盆骨齿) 10 bolt RG		4.56	D30 - 2050 - 456
	Rear		Ring and pinion gear (盆骨齿) 10 bolt RG		4.56	D44 - 2052 - 456
尼桑 Nissan Y60 Y61	Front		Ring and pinion gear (盆骨齿) 9 bolt RG		4.625	HFCS837 - 9 - front
	Rear		Ring and pinion gear (盆骨齿) 9 bolt RG		4.625	HFCS837 - 9 - rear
	Front		Ring and pinion gear (盆骨齿) 9 bolt RG		4.875	HFCS839 - 9 - front
	Rear		Ring and pinion gear (盆骨齿) 9 bolt RG		4.875	HFCS839 - 9 - rear
	Front		Ring and pinion gear (盆骨齿) 9 bolt RG		5.125	HFCS841 - 9 - front
	Rear		Ring and pinion gear (盆骨齿) 9 bolt RG		5.125	HFCS841 - 9 - rear
丰田 Toyota Lond Cruiser	Front		839 - 10 - front		4.88	Toyota839 - 10 - front
	Rear		839 - 10 - rear		4.88	Toyota839 - 10 - rear
	Rear		839 - 12 - rear		4.88	Toyota839 - 12 - rear
	Front		839 - 10 - front		4.88	HF203ISUZU - 488
五十铃 Isuzu	Rear		839 - 12 - rear		4.88	HF213ISUZU - 488
	Front		IFS,28spline,8.00 ''RG		4.1	HF110MITSUBISHI - 4.1
三菱 MITSUBISHI	Rear		9.0 '' 12 bolt RG2		4.1	HF212MITSUBISHI - 4.1
	Front		IFS,28spline,8.00 ''RG		4.875	HF110MITSUBISHI - 488
	Rear		9.0 ''12 bolt RG2		4.875	HF212MITSUBISHI - 488

### Spring 弹簧

Nissan



Vehicle/Model	Axle Loc'n	Year	Description	Photo	Ratio	Air locker Part No.
Nissan Y60 , Y61	Front		升高3英寸弹簧 height: 3"			HF412
	Rear		升高3英寸弹簧 height: 3"			HF415

### 缆绳 Cable



直径	破断力 (未打扣) KN	T (吨)
4mm	16.23	1.66
5mm	26.47	2.70
6mm	36.7	3.74
8mm	65.3	6.66
10mm	102	10.41
12mm	147	15
14mm	200	20.41
16mm	260	26.5
18mm	310	31.6
20mm	380	38.78

### 气泵 Air compressor

CKMA12 & CKMA24  
70L/min @ 0kPa  
45L/min @ 200kPa



### 充气组件 Tire Inflate



### 防滑板 Sand Track



### 关刀 Leading



3L fuel tank



5L fuel tank



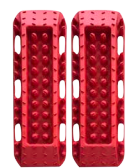
10L fuel tank



20L fuel tank



30L fuel tank



沙板 plastic track board



拼接 10L splice tank



三把手油箱 three handle tank



保温箱  
Heat insulation box



小钥匙 5L small key



大钥匙 20L small key



### 轮胎气压表 Tyre Deflator



### 轮胎修理工具 Tire Repair



### 止推杆 Adjustable panhard