



BILTRON

RACK & PINION CATALOG

2017

BILTRON AUTOMOTIVE PRODUCTS

2077 5TH AVENUE, RONKONKOMA, NEW YORK 11779 USA

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ACURA

INTEGRA			
1986-1989		5000	
1990-1993		5138	
1994-2001		5176	
LEGEND			
1986-1988		5001	
1989-1990		5136	
1991-1995		5137	
VIGOR			
1992-1994		5139	
CL			
1997-1999	2.2 or 2.3 litre engine	5180	
	3.0 litre engine	566	
2001-2003		25681	
ILX			
2013-2015		CFA Electric	
MDX			
2001-2002		25644	
2003-2006		25675	
2007-2013		30197	
NSX			
1991-1995	manual steering		25151
RDX			
2007-2012		30183	
RL			
1996-2004		499	
2005-2012		26509	
RSX			
2002-2006	base	25712	
	type S	25713	
TL			
1995-1998	2.5 litre engine	488	
	3.2 litre engine	499	
1999-2001		25556	
2002-2003	base	25556	
	type S	25681	
2004-2008		25905	
2009-2014	electric power steering	CFA Electric	
TSX			
2004-2008		25931	
2009-2010	electric power steering	CFA Electric	

ZDX			
2010-2013	8th digit in VIN 2 or 4	30494	
	8th digit in VIN 6	30497	

ALFA ROMEO

MILANO / QUADRIFOGLIO			
1984-1992		758	
164 / 164S			
1990-1995	manual transmission & w/ steering strut	799	
	manual transmission & w/o steering strut	783	
	automatic transmission & w/ steering strut	25331	
	automatic transmission & w/o steering strut	25330	

AMERICAN MOTORS

PACER			
1975-1977	13/16" diameter pinion shaft	6414	
1977-1980	3/4" diameter pinion shaft	6401	

ASTON MARTIN

1970-1993		557	8018
1994-2003	OB7	25006	
2004-2009		25009	

AUDI

100GL / 100LS / FOX			
1970-1977			8190
4000 SERIES / COUPE / 80&90 SERIES / QUATTRO			
1979-1990		5004	
1991	Quattro	521	
	non Quattro 4 cylinder to #167 124	5004	
	non Quattro 4 cylinder from #167 125	521	
	non Quattro 5 cylinder to #054 849	5004	
1992-1995		521	
5000 SERIES / 100&200 SERIES / S4 / V8 QUATTRO			
1978-1983		5006	
1984-1988		5005	
1989-1994	w/o Servotronic	5005	
	w/ Servotronic	794	
A3			
2005-2007	EPS - (Verify high voltage leads enter motor from passenger side)	CFA Electric	
2008-2013	EPS - (Verify high voltage leads enter motor from driver side)	CFA Electric	

A4			
1996-1999		815	
2000-2001		815	
2002	1.8 litre & 8th digit in VIN "D"	815	
	1.8 litre & 8th digit in VIN "E"	8370	
	2.8 litre	815	
	3.0 litre	8370	
2003-2004	w/o Servotronic	8370	
	w/ Servotronic - 1.8L	25899	
	w/ Servotronic - 3.0L	25899	
2005	Non convertible thru VIN 400000	8370	
	Non convertible from VIN 400001	25899	
	Convertible w/ Servotronic thru VIN 013000 - 1.8L	25899	
	Convertible w/ Servotronic thru VIN 013000 - 3.0L	25899	
	Convertible w/ Servotronic from VIN 013001	25899	
	Convertible w/o Servotronic	8370	
2006	Non convertible	25899	
	Convertible w/o Servotronic	8370	
	Convertible w/ Servotronic	25899	
2007-2008	Servotronic sensor	25899	
2009-2012	Convertible	25899	
	Non convertible	30287	
A5			
2008-2012	Servotronic sensor	30287	
A6			
1995-1998	w/o Servotronic	5005	
1995-1997	w/ Servotronic	794	
1998	w/ Servotronic & 8th digit in VIN "A"	794	
	w/ Servotronic & 8th digit in VIN "B"	8360	
1999-2001	Servotronic sensor	8360	
2002-2004	w/o Servotronic	25958	
	w/ Servotronic	25698	
2005-2011	6 cylinder	26524	
	8 cylinder	26525	
A8			
1997-2002		25451	
2003	8th digit in VIN "D"	25451	
	8th digit in VIN "E"	26473	
2004-2010		26473	
2011-2014	w/ steering assist (opt 1N3)	30557	
	w/ dynamic steering (opt 1N7)	30558	
ALLROAD			
2001	Servotronic sensor	8360	
2002-2005		25698	

CABRIOLET			
1994-1998		521	
Q5			
2009-2012	w/ Servotronic	30410	
	w/o Servotronic, w/ dynamic steering (opt 1N7)	30411	
	w/o Servotronic, w/o dynamic steering	30412	
Q7			
2007-2008	Servotronic sensor	30188	
2009-2010		30389	
2011-2014		30567	
R8			
2008-2014		30318	
RS4			
2007-2008		26553	
RS6			
2003-2004		26472	
S4			
2000-2002		25573	
2004		26470	
2005	convertible thru VIN 903000	26470	
	convertible from VIN 903001	26553	
	Non convertible thru VIN 400000	26470	
	Non convertible from VIN 400001	26553	
2006-2009		26553	
2010-2012	Servotronic sensor	30287	
S5			
2008-2012	Servotronic sensor	30287	
S6			
1995-1997	w/ Servotronic	794	
	w/o Servotronic	5005	
2002-2003		25699	
2007-2011		26525	
S8			
1997-2003		25451	
2007-2010		26473	
2012-2013	w/ dynamic steering (opt 1N7)	30558	
TT			
2000-2003		25589	
2004-2006	4 cylinder	25589	
	6 cylinder	26471	

BENTLEY

1977-1987	21.5" between mounting bolts	597	
1988-1997	23" between mounting bolts	567	
1998-2006	POW-A-RAK housing w/ speed sensitive steering	568	
	POW-A-RAK housing w/o speed sensitive steering	569	
	ZF housing w/ Servotronic	570	
2007-2009	POW-A-RAK housing w/ speed sensitive steering	468	
	POW-A-RAK housing w/o speed sensitive steering	469	
	ZF housing w/ Servotronic	470	

BMW

128I / 135I			
2008-2013	w/ active steering	30351	
	w/o active steering	30157	
318I			
1983-1985		5007	
1994-1998		5140	
318IC			
1991-1993		5007	
1994-1996		5140	
318IS			
1990-1991		5007	
1992-1996		5140	
318TI			
1995-1998		5140	
320I			
1977-1983	manual steering w/o steering strut		839
	manual steering w/ steering strut		839S
323CI			
2000		5140	
323I			
1999-2000		5140	
323IC / 323IS			
1998-1999		5140	
325			
1987-1988		5007	
325CI			
2001-2006		5140	
325E			
1984-1988		5007	
325ES			
1986-1987		5007	

325I			
1987-1991		5007	
1992-2001		5140	
2002-2005		5140	
2006	w/ active steering	30156	
	w/o active steering	30157	
325IC			
1987-1993		5007	
1994-1995		5140	
325IS			
1987-1991		5007	
1992-1995		5140	
325IX			
1987-1991		5175	
325XI			
2001-2005		25670	
2006		30155	
328CI			
2000		5140	
328I / 328IC / 328IS			
1996-2000		5140	
328I			
2007	RWD w/ Active steering	30156	
	RWD w/o Active steering	30157	
	AWD w/ Servotronic	30379	
	AWD w/o Servotronic	30155	
2008-2011	RWD w/ Active steering	30351	
	RWD w/o Active steering	30157	
	AWD w/ Servotronic	30379	
	AWD w/o Servotronic	30155	
2012	AWD Cpe, Conv and SW w/ Servotronic	30379	
	AWD Cpe, Conv and SW w/o Servotronic	30155	
	RWD Cpe, Conv and SW w/ Active steering	30351	
	RWD Cpe, Conv and SW w/o Active steering	30157	
2013	AWD Coupe w/ Servotronic	30359	
	AWD Coupe w/o Servotronic	30155	
	RWD Coupe w/ Active steering	30351	
	RWD Coupe w/o Active steering	30157	
	Convertible w/ Active steering	30351	
	Convertible w/o Active steering	30157	
328XI			
2007-2011	w/ Servotronic	30379	
	w/o Servotronic	30155	
330CI			
2001-2006		5140	

		POWER	MANUAL
330I			
2001-2005		5140	
2006	w/ active steering	30156	
	w/o active steering	30157	
330XI			
2001-2005		25670	
2006		30155	
335I			
2007	w/ active steering	30156	
	w/o active steering	30157	
2008-2013	w/ active steering	30351	
	w/o active steering	30157	
335XI			
2007	RWD w/ Active steering	30156	
	RWD w/o Active steering	30157	
	AWD w/ Servotronic	30379	
	AWD w/o Servotronic	30155	
2008-2011	RWD w/ Active steering	30351	
	RWD w/o Active steering	30157	
	AWD w/ Servotronic	30379	
	AWD w/o Servotronic	30155	
2012	AWD Coupe and Conv w/ servotronic	30379	
	AWD Coupe and Conv w/o servotronic	30155	
	RWD Coupe and Conv w/ active steering	30351	
	RWD Coupe and Conv w/o active steering	30157	
2013	AWD Coupe w/ servotronic	30379	
	AWD Coupe w/o servotronic	30155	
	RWD Coupe w/ active steering	30351	
	RWD Coupe w/o active steering	30157	
	Convertible w/ active steering	30351	
	Convertible w/o active steering	30157	
525I / 530I / 535I / 545I / 550I			
1997-2000		25462	
2001-2003	w/ Servotronic	25680	
	w/o Servotronic	25462	
2004-2005	w/ active steering	26482	
	w/o active steering & w/o Servotronic	26485	
	w/o active steering & w/ Servotronic	26484	
2006	w/ active steering thru 8/05	26482	
	w/ active steering from 9/05	30142	
	w/o active steering & w/ Servotronic	26484	
2007	w/ active steering	30142	
	w/o active steering (has Servotronic)	26484	
2008-2010	w/ active steering	30274	
	w/o active steering (has Servotronic)	26484	

525XI / 528XI / 530XI / 535XI (AWD)			
2006-2010	Servotronic sensor	30141	
528I			
2012-2015	AWD w/ Servotronic - hydraulic	30506	
535I GT / 550I GT			
2010	w/ active steering	30424	
	w/o active steering (has Servotronic)	30425	
535I / 535I GT / 550I / 550IGT - ALL W/ AWD			
2011-2015	w/ Servotronic	30506	
535I GT / 550I GT (RWD)			
2011-2015	w/ active steering	30424	
	w/o active steering (has Servotronic)	30425	
550I			
2011-2015	AWD w/ Servotronic - hydraulic	30506	
640I			
2014	AWD w/ Servotronic - hydraulic	30506	
645I			
2004-2015	w/ active steering	26482	
	w/o active steering thru 10/13/04	26496	
	w/o active steering from 10/14/04	26520	
650I			
2006-2007	w/ active steering	30142	
	w/o active steering	26484	
2008-2010	w/ active steering	30274	
	w/o active steering (has Servotronic)	26484	
2012	AWD w/ Servotronic	30506	
2015	AWD w/ Servotronic - hydraulic	60080	
740I			
2011-2012	w/ active steering	30424	
	w/o active steering w/ Servotronic	30425	
2013-2014	AWD w/ Servotronic - hydraulic	30506	
745I / 750I / 760I			
2002-2008	Servotronic sensor	25894	
750I			
2009	w/ active steering	30424	
	w/o active steering (has Servotronic)	30425	
2008-2010	w/ active steering	30424	
	w/o active steering (has Servotronic)	30425	
2012-2014	AWD w/ Servotronic	30506	
740I / 760I			
2011-2012	w/ active steering	30424	
	w/o active steering (has Servotronic)	30425	
750 ACTIVE HYBRID			
2011-2012	RWD Servotronic	30506	

		POWER	MANUAL
760I			
2010-2012	RWD w/ Active steering	30424	
	RWD w/o Active steering (Servotronic)	30425	
B6 - APLHINA B6			
2015	AWD w/ Servotronic - hydraulic	60080	
B7 - APLHINA B7			
2011-2012	AWD Servotronic	30506	
2011-2015	RWD Servotronic	30425	
M1			
2011-2012	Coupe w/ dynamic stability control	30377	
M3			
1987-1991		5007	
1995-1999		5140	
2001-2006		25889	
2008-2013		30377	
M5 / M6			
2006-2010	Servotronic sensor	30149	
X3			
2004-2010	w/ Servotronic	26490	
	w/o Servotronic	26491	
X5			
2000-2006	w/ Servotronic	25616	
	w/o Servotronic	25617	
2007-2013	w/ active steering	30271	
	w/ active steering 3.0L	30374	
	w/o active steering	30272	
X5M			
2010-2013		30504	
X6			
2008-2014	w/ Active steering	30271	
	w/o Active steering	30272	
X6M			
2010-2014	=====>	30504	
Z3			
1996-1997		25460	
1998-2002	1.9, 2.5, 2.8, & 3.0 litre motor	25460	
	3.2 litre motor	25259	
Z4			
2003-2005			25957
2006-2008	3.0 litre		25957
	3.2L coupe	30280	
	3.2L roadster	30150	

Z8			
2000-2002		25685	
2003	4.8 litre	25954	
	5.0 litre	25685	

BUICK

CENTURY			
1982-1996		6400	
1997-2002	w/o Magnasteer	3524	
	w/ Magnasteer	3526	
2003-2005		3524	
ELECTRA / LE SABRE / PARK AVENUE / REATTA / ULTRA (1985-1995)			
1985-1995	w/ pressure switch mounted in pinion tower	6431	
	w/o pressure switch mounted in pinion tower	6435	
1996	w/o Magnasteer	3412	
	w/ Magnasteer	3410	
ENCLAVE			
2008-2012	w/o variable assist steering (opt N40)	55138	
	w/ variable assist steering (opt NV7) - EVO sensor not supplied	55137	
2013-2015	w/o variable assist steering	2253	
	w/ variable assist steering (opt NV7) - EVO sensor not supplied	55137	
ENCORE			
2013-2014		2251	
2015-2016		2329	
LACROSSE			
2005-2009	3.6 or 5.3 litre	3526	
	3.8 litre	3524	
2010-2012	hydraulic rack w/o Magnasteer	5289	
	hydraulic rack w/ Magnasteer	5290	
2013	hydraulic rack	2231	
2014-2016	w/ opt code NV7 (Hydraulic)	2286	
LUCERNE			
2006-2011	3.8 or 3.9 litre	3886	
	4.6 litre	3888	
LE SABRE			
1997-1999	w/o Magnasteer	3412	
	w/ Magnasteer	3410	
2000	w/o Magnasteer	3886	
	w/ Magnasteer	3888	
2001-2005		3886	

PARK AVENUE / ULTRA			
1997-1998	w/o Magnasteer	3514	
	w/ Magnasteer	3286	
1999-2000	w/o Magnasteer	3886	
	w/ Magnasteer	3888	
2001-2005	w/o Magnasteer	3886	
	w/ Magnasteer	3888	
RAINER			
2004-2007		2009	
REGAL			
1988-1996	w/o pressure switch mounted in pinion tower	6499	
	w/ pressure switch mounted in pinion tower	6460	
1997-2002	w/o Magnasteer	3524	
	w/ Magnasteer	3526	
2003-2004		3524	
2011-2012	w/o Magnasteer	5337	
	w/ Magnasteer	5336	
2013	w/o Magnasteer	5289	
	w/ Magnasteer	5290	
		CFA Electric	
2014-2016		CFA Electric	
RENDEZVOUS			
2002-2007	w/ AWD	1987	
	w/ FWD	3574	
RIVIERA			
1985-1991	w/o pressure switch mounted in pinion tower	6432	
	w/ pressure switch mounted in pinion tower	6431	
1992-1993		6431	
1995-1999		6932	
SKYHAWK / SOMERSET / SOMERSET REGAL			
1982-1986		6409	
1987-1989		6442	
SKYLARK			
1980-1981		6403	
1982-1985		6400	
1986		6409	
1987-1998		6442	
TERRAZA			
2005-2007	w/ AWD	2139	
	w/ FWD	2096	
VERANO			
2012	w/ 17" tires	CFA Electric	
	w/ 18" tires	CFA Electric	
2013-2016	ID # 13423005 (opt NJ1)	CFA Electric	

CADILLAC

ALLANTE / BROUGHAM / CONCOURS / DEVILLE / ELDORADO (1985-1991) / FLEETWOOD / FUNERAL COACH / SEVILLE (1985-1991)			
1985-1991	w/o pressure switch mounted in pinion tower	6432	
	w/ pressure switch mounted in pinion tower	6431	
ALLANTE			
1992		6431	
1993	EVO sensor	6908	
CIMARRON			
1982-1986		6409	
1987-1989		6442	
CONCOURS / DEVILLE / FLEETWOOD / LIMOS			
1992		6431	
1993	Limos	6431	
	non Limos - EVO sensor	6901	
1994-1995	EVO sensor	6908	
1996	w/ 8th digit of VIN# Y - EVO sensor	3418	
	w/ 8th digit of VIN# 9	3434	
1997-1998	w/ Limo or Hearse package	3434	
	w/o Limo or Hearse package	3434	
1999		3434	
2000		3888	
2001-2005	w/ Limo or Hearse package	3888	
	w/o Limo or Hearse package	3888	
CTS			
2003	w/o sensor	2010	
	w/ sensor	2010S	
2004-2007	w/o sensor	2010	
	w/ sensor	2010S	
2008-2013	w/ AWD	5209	
	w/ RWD	5210	
2014	w/ AWD Cpe & SW only	5209	
	w/ RWD Cpe, SW & V Series only	5210	
2015	Coupe (Sensor not supplied)	5210	
DTS			
2006-2011	w/ Limo or Hearse package	3888	
	w/o Limo or Hearse package	3888	
ELDORADO			
1992		6431	
1993-1995	EVO sensor	6908	
1996	w/ 8th digit of VIN# Y - EVO sensor	3418	
	w/ 8th digit of VIN# 9	3434	
1997-1998		3434	
1999-2002	w/ 8th digit of VIN# Y	3434	
	w/ 8th digit of VIN# 9	3434	

ESCALADE			
2007-2014		55142	
SEVILLE			
1992		6431	
1993-1995	EVO sensor	6908	
1996	w/ 8th digit of VIN# Y - EVO sensor	3418	
	w/ 8th digit of VIN# 9	3434	
1997		3434	
1998-2000		3888	
2001-2004		3888	
SRX			
2004-2009	EVO sensor	2113	
2010-2014	w/o sensor	5307	
	w/ sensor	5306	
STS			
2005-2011	w/ 1 1/8" dia EVO sensor on pinion tower	2152	
	w/ 1 3/4" dia EVO sensor on pinion tower	2154	
XLR			
2004-2008		2088	
2009		5251	
XTS			
2013-2014	Base & Livery Package (opt W20)	2252	
	All other options (W30, B05, V4U, B9Q)	2239	
2015-2016	All but Base Model (Hydraulic Rack)	2286	

CHEVROLET

ACADIA			
2007-2012	w/o variable assist steering (opt N40)	55138	
	w/ variable assist steering (opt NV7) - EVO sensor	55137	
2013-2015	w/o variable assist steering	2253	
	w/ variable assist steering (opt NV7) - EVO sensor not supplied	55137	
AVALANCHE			
2007-2013	non-hybrid	55142	
AVEO			
2004-2011		2095	
BERETTA / CORSICA			
1987-1996	all racks except 2.25 turns lock to lock	6442	439
	w/ 2.5 turns lock to lock	6445	
CAMARO			
1993-1997	w/ FE2 suspension	6907	
	w/ F41 suspension	6903	
1998-1999	w/ FE2, FE4, or FE7 suspension	3570	
	w/ F41 suspension	6903	
2000-2002		3570	

		POWER	MANUAL
2010-2011		5294	
2012	all except ZL 1	5294	
	ZL 1	2215	
2013-2014	3.6L	5294	
CAPRICE			
2011-2013		5364	
CAPTIVA SPORT			
2012-2015		2203	
CAVALIER			
1982-1986		6409	
1987-1994		6442	
1995-2006		6900	
CELEBRITY / CITATION			
1980-1981		6403	
1982-1990		6400	
CHEVETTE			
1976-1987		6405	
COBALT			
2005-2007		2040	
2008-2010	w/ FE1 or FE3 suspension	2040	
	w/ FE5 suspension or SS model	5211	
COLORADO / CANYON			
2004-2005	2 WD w/ off road package opt Z71	2126	
	2 WD w/ chassis package opt Z85 or ZQ8	2127	
	4 WD	2126	
2006	2 WD w/ off road package opt Z71 (thru VIN 68272519)	2126	
	2 WD w/ off road package opt Z71 (from VIN 68272519)	2130	
	2 WD w/ chassis package opt Z85 or ZQ8 (thru VIN 68272519)	2127	
	2 WD w/ chassis package opt Z85 or ZQ8 (from VIN 68272519)	2129	
	2 WD w/ sport chassis package opt ZQ8 (from VIN 68272519)	2128	
	4 WD (thru VIN 68272519)	2126	
	4 WD (from VIN 68272519)	2130	
2007-2008	2 WD w/ off road package opt Z71	55149	
	2 WD w/ chassis package opt Z85	55162	
	2 WD w/ sport chassis package opt ZQ8	55161	
	4 WD	55149	
2009-2012	2 WD w/ off road package opt Z71	5252	
	2 WD w/ 2.9L or 3.7L & chassis package opt Z85	117	
	2 WD w/ 5.3L & chassis package opt Z85	5252	
	2 WD & sport chassis package opt ZQ8	5253	
	4 WD	5252	
CORVETTE / ZR 1			
1984-1987	w/ 2.25 turns lock to lock	6426	
	w/ 2.0 turns lock to lock	6433	

		POWER	MANUAL
1988-1992	w/ 16" tires	6433	
	w/ 17" tires	6465	
1993-1996		6909	
1997-2004		3652	
2005-2008		2150	
2009-2013		5256	
ENVOY			
2002	w/ 14mm outer tie rod threads	2008	
	w/ 16mm outer tie rod threads	2009	
2003-2009		2009	
ENVOY XL OR XUV			
2002-2005		2009	
EQUINOX			
2005-2007			2023
2007-2008	w/ electric power assisted rack		2023
	w/ hydraulic power assisted rack	5215	
2010-2015	w/ AWD - 3.0L	5292	
	w/ FWD - 3.0L	5293	
EXPRESS VAN / SAVANNA			
2003-2006	1500 series	2077	
	2500 series AWD	2077	
	2500 series RWD & 6 lugs	2077	
2007-2014	1500 series	2077	
HHR			
2006-2007	LT/LS		2040
	SS		5211
2008-2011	w/ FE1 suspension		2040
	w/ FE3 and FE5 suspension		5211
IMPALA			
2000-2003		3524	
2004-2005	w/o FE4 suspension	3524	
	w/ FE4 suspension	2109	
2006-2007	6 cylinder	3524	
	8 cylinder	2109	
2008-2011	w/o FE3 suspension	3524	
	w/ FE3 suspension	2109	
2012	w/ FE1, FE2, or FE3 suspension	2186	
	w/ FE3 suspension	2187	
2013	w/ FE1, FE2, or FE3 suspension	2226	
	w/ FE3 suspension	2187	
2014	Vin 1 (4th digit) & NJ1 opt	CFA Electric	
LUMINA / EURO			
1990-1996	w/o pressure switch mounted in pinion tower	6499	
	w/ pressure switch mounted in pinion tower	6460	
1997-2001		6499	

LUMINA APV			
1990-1996		6463	
MALIBU			
1997-2003		3568	
2004-2005	4th digit in VIN "N"	3568	
	4th digit in VIN "Z"		2110
2006-2012	w/ electric power assisted rack		2110
	w/ hydraulic power assisted rack	55113	
2013-2014		CFA Electric	
METRO / SPRINT			
1985-1988			
1989-1994		498	
1995-1997		498	
1998-2001		498	
MONTE CARLO			
1995-1999	w/ pressure switch mounted in pinion tower	6461	
1995-1999	w/o pressure switch mounted in pinion tower	6499	
2000-2003		3524	
2004-2005	w/ FE2 or FE3 suspension	3524	
	w/ FE4 suspension	2109	
2006-2007		3524	
NOVA			
1985-1988		6436	
PRIZM			
1989-1992	w/o pressure switch mounted in pinion tower	700	
	w/ pressure switch mounted in pinion tower	699	
1993-1997	made in Japan (first two digits of VIN # JT)	585	
	made in America (all other VIN #'s)	5173	
1998-2002		5173	
SIERRA 1500			
1999-2006	w/ 2 wheel drive	3642	
2007	w/ 2 wheel drive & w/ crease in center of door skin	3642	
	w/ 2 wheel drive & w/ smooth door skin (new body style)	55142	
2008-2013	non-hybrid	55142	
SILVERADO 1500			
1999-2006	w/ 2 wheel drive	3642	
2007	w/ 2 wheel drive & w/ crease in center of door skin	3642	
	w/ 2 wheel drive & w/ smooth door skin (new body style)	55142	
2008-2013	non-hybrid	55142	
SONIC			
2012-2013	w/ 15" & 16" wheels		2184
	w/ 17" wheels		2185
2014-2015	w/ 15" and 16" wheels		2327
	w/ 17" and 18" wheels		2328

SPARK			
2013-2015			2218
SPECTRUM			
1985-1991		5010	
SSR			
2003-2006		2009	
STORM			
1990-1993		756	
SUBURBAN 1500			
2007-2014	non-hybrid	55142	
TAHOE			
2007-2014	non-hybrid	55142	
TERRAIN			
2010-2015	w/ AWD	5292	
	w/ FWD	5293	
TRACKER			
1999-2002		25561	
2003-2004		2114	
TRAILBLAZER			
2002	w/ 14mm outer tie rod threads	2008	
	w/ 16mm outer tie rod threads	2009	
2003-2009		2009	
TRAILBLAZER EXT			
2002-2005		2009	
TRAVERSE			
2009-2012	w/o variable assist steering (opt N40)	55138	
	w/ variable assist steering (opt NV7) - EVO sensor	55137	
2013-2015	w/o variable assist steering	2253	
	w/ variable assist steering (opt NV7) - EVO sensor not supplied	55137	
TRAX			
2013-2014		2264	2251
UPLANDER			
2005-2006	w/ AWD	2139	
	w/ FWD	2096	
2007-2009		2096	
VAN			
2003-2006	1500 series	2077	
	2500 series AWD	2077	
	2500 series RWD & 6 lugs	2077	
2007-2011	1500 series	2077	
VENTURE			
1997-2001		3574	
2003-2005	w/ AWD	2011	
	w/ FWD	3574	

YUKON / XL			
2007-2014	non-hybrid	55142	

CHRYSLER MOTORS

200			
2011-2014	convertible	5341	
	sedan	5340	
300C			
2005	w/ AWD	2172	
	w/ RWD	2173	
2006-2010	w/ AWD	2172	
	w/ RWD	2027	
2011-2014	w/ AWD	5367	
	w/ RWD 3.6L	5368	
	w/ RWD 5.7L	5369	
	w/ RWD 6.4L	2210	
300M			
1998-2004	w/o pressure switch mounted in pinion tower	3588	
	w/ pressure switch mounted in pinion tower	3590	
ASPEN			
2007-2009	all including hybrid	55188	
CIRRUS			
1995-2000	w/ only 1 pressure switch mounted in pinion tower	6918	
	w/ 2 pressure switches mounted in pinion tower	6919	
CONCORDE			
1993-1995	w/o pressure switch mounted in pinion tower	6905	
	w/ pressure switch mounted in pinion tower	6910	
1996-1997	w/o pressure switch mounted in pinion tower	279	
	w/ pressure switch mounted in pinion tower	279S	
1998-2004	w/o pressure switch mounted in pinion tower	3588	
	w/ pressure switch mounted in pinion tower	3590	
E-CLASS / IMPERIAL / LH / LHS / NEW YORKER / 5TH AVENUE (1981-2001)			
1988	New Yorker w/o turbo	6452	
1981-1988	all racks w/ 2.5 or more turns lock to lock (TRW Manf.)	6448	
	all racks w/ 2.5 or more turns lock to lock (Saginaw Manf.)	6422	
	all racks w/ less than 2.5 turns lock to lock (TRW Manf.)	6440	
	all racks w/ less than 2.5 turns lock to lock (Saginaw Manf.)	6422	
1989-1993		6452	
1994-1995	w/o pressure switch mounted in pinion tower	6905	
	w/ pressure switch mounted in pinion tower	6910	
1996-1997	w/o pressure switch mounted in pinion tower	279	
	w/ pressure switch mounted in pinion tower	279S	
1999-2001	w/o pressure switch mounted in pinion tower	3588	
	w/ pressure switch mounted in pinion tower	3590	

EXECUTIVE SEDAN / LASER / LE BARON / TOWN & COUNTRY (AUTO) (1981-1988)			
1981-1988	all racks w/ 2.5 or more turns lock to lock (TRW Manf.)	6448	
	all racks w/ 2.5 or more turns lock to lock (Saginaw Manf.)	6422	
	all racks w/ less than 2.5 turns lock to lock (TRW Manf.)	6439	
	all racks w/ less than 2.5 turns lock to lock (Saginaw Manf.)	6427	
1990-1994	LASER (See Plymouth)		
1989-1994	EXECUTIVE SEDAN / TOWN & COUNTRY (auto)		
	all racks w/ 2.5 or more turns lock to lock	6448	
	all racks w/ less than 2.5 turns lock to lock	6439	
1989-1995	LE BARON		
	w/ 2 Strap mounting	6452	
	2 Bolt and 1 strap mount w/ 2.5 or more turns lock to lock	6448	
	2 Bolt and 1 strap mount w/ 2.25 turns lock to lock	6439	
1981-1983	w/ 1 spline missing on pinion shaft		408
1984-1988	w/ flat on pinion shaft		420
MASERATI TC			
1988-1991		6439	
PT CRUISER			
2001-2002		303	
2003-2008	w/o pressure switch mounted in pinion tower	2050	
	w/ pressure switch mounted in pinion tower	303	
	w/ turbo	305	
2010		2050	
PACIFICA			
2004-2008		2093	
SEBRING			
1995-1997	Coupe	6933	
	Convertible w/ only 1 pressure switch mounted in pinion tower	6918	
	Convertible w/ 2 pressure switches mounted in pinion tower	6919	
1998-2000	Coupe	6933	
	Convertible w/ only 1 pressure switch mounted in pinion tower	6919	
	Convertible w/ 2 pressure switches mounted in pinion tower	6918	
2001-2004	Coupe w/ 2.4 litre	25659	
	Coupe w/ 3.0 litre	25567	
	Convertible or Sedan w/ no sensor in pinion tower	2004	
	Convertible or Sedan w/ 1 sensor in pinion tower	2005	
2005-2006	Coupe w/ 2.4 litre	25659	
	Coupe w/ 3.0 litre	25567	
	Convertible or Sedan	2004	
2007-2010		55167	

TOWN & COUNTRY MINI VAN			
1990		6424	
1991-1995		6495	
1996-2000		297	
2001-2004		1974	
2005-2007		2134	
2008-2010		55202	
2011-2015		5339	

DODGE

ARIES / DAYTONA / IROC / LANCER / PACIFICA / SHADOW / SHELBY / SPIRIT / 400 / 600			
1981-1988	all racks w/ 2.5 or more turns lock to lock (TRW Manf.)	6448	
	all racks w/ 2.5 or more turns lock to lock (Saginaw Manf.)	6422	
	all racks w/ less than 2.5 turns lock to lock (TRW Manf.)	6439	
	all racks w/ less than 2.5 turns lock to lock (Saginaw Manf.)	6427	
1989-1995	w/ 2 Strap mounting	6452	
	2 Bolt and 1 strap mount w/ 2.5 or more turns lock to lock	6448	
	2 Bolt and 1 strap mount w/ 2.25 turns lock to lock	6439	
1981-1983	w/ 1 spline missing on pinion shaft		408
1984-1988	w/ flat on pinion shaft		420
AVENGER			
1994-1997		6933	
1998-2000	base model	6933	
	ES model	6933	
2008-2010		55167	
2011-2014		5340	
CALIBER			
2007-2009	w/ AWD	55169	
	w/ FWD	55168	
2010-2011		5302	
2012	SE	2209	
	SXT or SXT plus	2209HD	
CARAVAN / GRAND CARAVAN / MINI RAM VAN			
1984-1990		6424	423
1991-1995		6495	
1996-2000		297	
2001-2004		1974	
2005-2007		2134	
2008-2010		5202	
2011-2015		5339	
CHALLENGER			
2008-2010		2027	
2011-2014	SE or SXT	5368	
	RT	5369	
	SRT8	5375	

CHARGER			
2006-2010	w/ AWD	2172	
	w/ RWD	2027	
2011-2014	w/ AWD	5367	
	w/ RWD 3.6L	5368	
	w/ RWD 5.7L	5369	
	w/ RWD 6.4L	2210	
DAKOTA			
1986-1990		6441	415
1991-1993	production date prior to 7/12/93	6487	415
1993-1996	production date after 7/12/93	6911	415
1997-1999	2 wheel drive	3468	
2000-2004	2 wheel drive	3468	
	4 wheel drive	3880	
2005-2011		2136	
DART			
2013-2014		CFA Electric	
DURANGO			
1999	2 wheel drive	3468	
2000-2003	2 wheel drive	3468	
	4 wheel drive	3880	
2004-2006		2092	
2007-2009	All including hybrid	55188	
2011-2012	2 wheel drive	121	
	4 wheel drive	122	
2014-2015	3.6L 2WD	2201	
	3.6L 4WD	5328	
	5.7L Crew Cab or Citadel	5328	
	5.7L R/T	2268	
INTREPID			
1993-1995	w/o pressure switch mounted in pinion tower	6905	
	w/ pressure switch mounted in pinion tower	6910	
1996-1997	w/o pressure switch mounted in pinion tower	279	
	w/ pressure switch mounted in pinion tower	279S	
1998-2004	w/o pressure switch mounted in pinion tower	3588	
	w/ pressure switch mounted in pinion tower	3590	
JOURNEY			
2009-2016	w/o performance steering (opt SBA)	55271	
	w/ performance steering (opt SBB or SBP)	55271HD	
MAGNUM			
2005	w/ AWD	2172	
	w/ RWD	2173	
2006-2008	w/ AWD	2172	
	w/ RWD	2027	

NEON			
1995-1999		6923	414
2000		3931	
2001-2002		303	
2003-2005	w/o pressure switch mounted in pinion tower	2050	
	w/ pressure switch mounted in pinion tower	303	
NITRO			
2007-2008	left hand drive	55189	
	right hand drive	55190	
2011	SE & SXT	55189	
	Heat, Detonator or Shock	5330	
PROMASTER			
2014-2016		2387	
RAM 1500 PICK UP			
2002-2005	w/ 2 wheel drive	2032	
	w/ 4 wheel drive	2037	
2006	2 wheel drive SRT-10	55170	
	2 wheel drive SRT-10 w/ standard or quad cab	55171	
	2 wheel drive SRT-10 w/ mega cab	2032	
	4 wheel drive standard or quad cab	55171	
	4 wheel drive mega cab	2057	
2007	2 wheel drive SRT-10 w/ standard or quad cab	55171	
	2 wheel drive SRT-10 w/ mega cab	5206	
	4 wheel drive standard or quad cab	55171	
	4 wheel drive mega cab	2057	
2008-2011	Standard or quad cab	55171	
	Mega cab	5206	
2012	2 dr 6'4" box	2216	
	All others	2217	
RAM 2500/3500 PICK UP			
2003-2006	w/ 2 wheel drive	2032	
2007-2011	w/ 2 wheel drive	5206	
2012		2233	
SPRINTER			
2003-2006		25007	
2007-2011		25008	
STEALTH			
1991-1996	w/ 2 wheel drive	5143	
	w/ 4 wheel drive	5178	
STRATUS			
1995-2000	w/ only 1 pressure switch mounted in pinion tower	6918	
	w/ 2 pressure switches mounted in pinion tower	6919	
2001-2004	Coupe w/ 2.4 litre	25659	
	Coupe w/ 3.0 litre	25567	
	Convertible or Sedan w/ no sensor in pinion tower	2004	
	Convertible or Sedan w/ 1 sensor in pinion tower	2005	

		POWER	MANUAL
2005-2006	Coupe w/ 2.4 litre	25659	
	Coupe w/ 3.0 litre	25567	
	Sedan	2004	
VIPER			
1992-2002		263	
2003-2013		2046	

FERRARI

1969-2008	All models	490	8017
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FIAT

500			
2012-2013			30583
2014-2015	4 door		60020

FORD MOTOR COMPANY

AEROSTAR			
1986-1997		6429	429
ASPIRE			
1994-1997		6935	818
C-MAX			
2013-6/17/14		CFA Electric	
6/18/14-2016		CFA Electric	
CONTOUR			
1995-2000		6925	
CROWN VICTORIA			
2003-2007	EVO sensor	300	
2008-2011	w/o speed sensitive steering	55221	
	EVO sensor	300	
EDGE			
2007		55156	
2008-2010	17" or 18" wheels	55156	
	20" wheels	5269	
	22" wheels	5270	
2011-2014	17", 18" or 20" wheels	5269	
	22" wheels	5351	
ESCAPE			
2001-2004		1979	
2005-1/7/07	non-hybrid	1979	
	Hybrid	CFA Electric	
1/8/07-6/3/09	All including Hybrid w/ 16mm inner tie rod threads		55178
	All including Hybrid w/ 14mm inner tie rod threads		30341

		POWER	MANUAL
6/4/09-2012	All including Hybrid		30341
2013-2014	EPS	CFA Electric	
ESCORT / EXP / TEMPO / ZX2			
1981-1986		6411	
1987-1990	w/ TRW gear (2 piece steel/aluminum casting)	6411	
	w/ Ford gear (1 piece all aluminum casting)	6438	
1991-1994	Tempo	6438	
	Escort w/ 1.8 litre non GT (Mazda gear)	6481	
	Escort w/ 1.8 litre GT or 1.9 litre (Ford gear)	6482	
1995-2003		6482	
EXPEDITION			
2003-2006		2121	
2007-2008		55135	
2011-2014		5358	
EXPLORER			
1995-1997		6927	
1998-2001	left hand drive	3566	
	right hand drive	1997T	
2002-2005	4.0 litre	1998	
	4.6 litre	2019	
	Right hand drive w/ screw in lines	1997T	
	Right hand drive w/ push in lines	1997P	
2006-2010		55112	
2011-2012	w/ Autopark	CFA Electric	
2011	w/o Autopark	CFA Electric	
2012	w/o Autopark 2.0L	CFA Electric	
10/21/11-2012	w/o Autopark 3.5L	CFA Electric	
EXPLORER SPORT / EXPLORER SPORT TRAC			
2001-2002	w/ screw in pump lines	6927	
	w/ push in pump lines	3567	
2003-2005		3567	
2006-2010		55112	
FAIRMOUNT			
1978-1979	w/ TRW gear (2 piece steel/aluminum casting)	6418	
	w/ Ford gear (1 piece all aluminum casting)	6417	
1980-1983	w/ TRW gear (2 piece steel/aluminum casting)	6404	
	w/ Ford gear (1 piece all aluminum casting)	6406	
FESTIVA			
1988-1993		2968	
	w/ aluminum housing		809A
	w/ steel housing		809S
FIESTA			
1978-1980			421
2010-2015			5314

FIVE HUNDRED			
2005-2007		2168	
FLEX			
2009		55201	
2010-2012	w/o turbo (hydraulic rack)	55201	
FOCUS			
2000-2005		3920	
2006-2011		55104	
2012-12/1/13	w/ 15', 16", 17" Tires	CFA Electric	
	w/ 18" Tires or Electric Vehicle (EV)	CFA Electric	
12/2/13-2014	w/ 15', 16", 17" Tires	CFA Electric	
	w/ 18" Tires or Electric Vehicle (EV)	CFA Electric	
2013-2014	All w/ Turbo	CFA Electric	
FREESTAR			
2004-2007		3564	
FREESTYLE			
2005-2007		2168	
FUSION			
2006-2008	w/ 16" tires	55100	
	w/ 17" tires	55101	
2010-2014	3.5L	5277	
	EPS	CFA Electric	
F150			
2004-2008	w/ 2 wheel drive	2102	
	w/ 4 wheel drive	2104	
2009-2010	w/ 126WB & 133WB & 145WB w/ reg cab	5264	
	w/ 145WB w/ crew cab & 157WB & 163WB	5265	
2011-2014	Hydraulic steering w/ HD tow package	5357	
	Hydraulic steering w/o HD tow package	5358	
F150 RAPTOR			
2011	133" WB Super Cab	5366	
	145" WB Crew Cab	5365	
2012-2014	133" WB Super Cab	2207	
	145" WB Crew Cab	2206	
GT			
2005-2006		2169	
MUSTANG			
1974-1976	w/ 3 Hole mounting	6413	416
1977-1978	w/ 2 Hole mounting	6418	418
1979	w/ TRW gear (2 piece steel/aluminum casting)	6418	410
	w/ Ford gear (1 piece all aluminum casting)	6417	410
1980-1984	w/ TRW gear (2 piece steel/aluminum casting)	6404	410
	w/ Ford gear (1 piece all aluminum casting)	6406	

		POWER	MANUAL
1985	w/ 1 piece rubber mounting bushing with a steel insert	6430	410
	w/ 2 piece rubber mounting bushing and no insert	6446	410
1986-1993	w/ 3.0 turns lock to lock	6446	410
	w/ 2.5 turns lock to lock	6430	410
1994-1998		6483	
1999-2004	3.8 Litre	6483	
	4.6L, GT and Cobra models	1999	
2005-2006	base	2170	
	GT	2171	
2007-2010	GT w/ 17" wheels	2170	
	GT w/ 18" wheels	2171	
	Shelby GT 500	2182	
PROBE			
1989-1992	w/o turbo	5065	8004
	w/ turbo	5108	
1993-1996		6479	
1997	w/ pinion tower casting number is 25-31	6479	
	w/ pinion tower casting number is 25-81	25511	
RANGER			
1998-2000		3566	
2001-2011		3567	
TAURUS			
1986-1/87		6425	
2/87-1989		6437	
1990-1995	w/o variable assist (no sensor mounted to pinion tower)	6437	
	w/ variable assist (sensor mounted to pinion tower)	6467	
1996-1998	non SHO	286	
1996-1999	SHO w/ banjo fittings on rack lines	3392B	
	SHO w/ screw in fittings on rack lines	3392S	
1999	non SHO	3391	
2000-2007		3391	
2008-2009		55201	
2010-2012	w/p SHO - Hydraulic Steering	55201	
TAURUS X			
2008-2009		55201	
THUNDERBIRD			
1980-1984	w/ TRW gear (2 piece steel/aluminum casting)	6404	
	w/ Ford gear (1 piece all aluminum casting)	6406	
1985	w/ 1 piece rubber mounting bushing with a steel insert	6430	
	w/ 2 piece rubber mounting bushing and no insert	6446	
1986-1988	w/ 3.0 turns lock to lock	6446	
	w/ 2.5 turns lock to lock	6446	
1989-1997		6462	
2002	EVO sensor	3672	
2003-2005	EVO sensor	2071	

TRANSIT CONNECT			
2010-2013		55275	
TRANSIT 150, 250, 350			
2015			2311
WINDSTAR			
1995-2003		3564	

FREIGHTLINER

SPRINTER			
2002-2006		25007	
2007		25008	

GEO (SEE CHEVROLET)

GMC (SEE CHEVROLET)

HONDA

ACCORD			
1976-1981		5018	828
1982-1985		5017	829
1986-1989		5016	829
1990-1993		5103	
1994-1997	4 cylinder engine	5180	
	6 cylinder engine	566	
1998-2002	Coupe	25521	
	4 cylinder engine Sedan	25522	
	6 cylinder engine Sedan	25523	
2003-2007	4 cylinder engine	25905	
	6 cylinder engine hydraulic rack	25906	
2005-2007	6 cylinder engine Sedan electric rack	CFA Electric	
2008-2012	4 cylinder engine	30301	
	6 cylinder engine	30302	
2013-2015	2.0L Hybrid, 2.4 L, 3.5 L coupe, 3.5 L sedan	CFA Electric	
CR-V			
1997-2001		25468	
2002-2006		25860	
2007-2011	First digit in VIN 3 or 5 (UK)	30202	
	First digit in VIN J (Japan)	30203	
2012-2014	EPS	CFA Electric	
CIVIC / CRX			
1974-1979			850
1980-1983			875

		POWER	MANUAL
1984-1987		5019	876
1988-1991		5104	838
1992-1995		5145	842
1996-2000		596	800
2001-2005	1.3L Hybrid thru VIN 3S017359	CFA Electric	
	1.3L Hybrid thru VIN 3S017360	CFA Electric	
	1.7 litre	25661	
2001-2002		25855	
2003-2005		CFA Electric	
2006-2011	1.3 Hybrid	CFA Electric	
	1.8L DX or GX	30111	
	1.8L EX or LX	30112	
	2.0L	CFA Electric	
2012	Coupe	CFA Electric	
	Sedan w/ 1.3L & 1.8L	CFA Electric	
	Sedan w/ 2.4L	CFA Electric	
2013-2015		CFA Electric	
CR-Z			
2011-2015		CFA Electric	
CROSSTOUR			
2010-2011		30477	
2012	2.4L	59917	
	3.5L Hydraulic only	30477	
2013-2015	2.4L	59917	
DEL SOL			
1993-1997	S and Si Series - 3 port holes	5145	8420
	VTEC Series (DOHC) - 2 port holes	811	
ELEMENT			
2003-2011		25860	
FIT			
2007-2008		CFA Electric	
2009-2013	Except EV	CFA Electric	
2015-2016			60109
INSIGHT			
1999-2006	Manual Trans	CFA Electric	
	Automatic Trans	CFA Electric	
2010-2014		CFA Electric	
ODYSSEY			
1995-1998		25385	
1999-2004		25555	
2005-2006		26504	
2007	Touring	26505	
	Non Touring	26504	
2008-2010		30184	
2011-2015		30566	

PASSPORT			
1998-2000		25526	
2001-2002		25656	
PILOT			
2003-2008		25900	
2009-2015		30416	
PRELUDE			
1979-1982		5021	
1983-1987		5020	
1988-1991	w/ 2 wheel steer	5105	
	w/ 4 wheel steer	5189	
1992-1996	w/ 2 wheel steer	5146	
	w/ 4 wheel steer	536	
1997-2002		25467	
RIDGELINE			
2006-2014		26530	
S2000			
2000-2009		CFA Electric	

HUMMER

H3			
2006-2010	w/ 14mm inner tie rod threads	55124	
	w/ 16mm inner tie rod threads	55123	

HYUNDAI

ACCENT			
1995-1999		5199	
2000-2005		25581	
2006-2011		30136	
2012-2015			59899
AZERA			
2006-10/20/07		30119	
10/21/07-2008		30400	
2009-2011	5 speed AT	30400	
	6 speed AT	30401	
2012-2014			59951
2015			60120
ELANTRA			
1992-4/92	w/ 12mm inner tie rod threads	790	
5/92-8/95	w/ 14mm inner tie rod threads	5200	
1996-2000		524	
2001		25881	

		POWER	MANUAL
2002-2006	Hatchback	25637	
	Sedan GL or GLS	25637	
	Sedan GT	25637	
2007			30232
2008-2010			30371
2011-2012	Sedan		30595
	Station Wagon		30371
2013	Coupe & Sedan		59977
	Hatchback (GT)		59978
2014-2015	Sedan		60031
	Coupe		59977
	Hatchback (GT)		59978
ENTOURAGE			
2007-2010		30128	
EQUUS			
2011-2012		30622	
2013		59983	
EXCEL			
1986-1989		5106	8660
1990-1994		5118	9660
GENESIS			
2009-2012	Belt-driven pump Coupe	30468	
	Belt-driven pump Sedan	30469	
2011	Motor driven pump	30613	
2015	3.8L Coupe	59997	
SANTA FE			
2001-2006		25645	
2007-2009		30241	
2010-2012		30459	
2013-2014	2.0L & 2.4L		59980
	3.3L		59981
SCOUPE			
1991-1995		5118	
SONATA			
88-5/10/91	Mando type - (Has metal lower pinion cap)	5107	
	TRW type - (Has plastic lower pinion cap)	5147	
5/11/91-93		5148	
1/1/94-98		547	
1999-2001		25565	
2002-2005	w/o electronic sensor	25565	
	w/ electronic sensor	25877	
2006-2008		30131	
2009-2010		30376	
2011	2.0L (8th digit in VIN - B)		30589
	2.4L (8th digit in VIN - C) Sports Suspension		30590

		POWER	MANUAL
	2.4L (8th digit in VIN - C) w/o Sports Suspension		30591
	2.4L (8th digit in VIN - 4) thru 4/14/2011		30575
	2.4L (8th digit in VIN - 4) from 4/15/2011		30585
2012-2014	2.0L (8th digit in VIN - B)		59902
	2.4L (8th digit in VIN - C) Sports Suspension		30590
	2.4L (8th digit in VIN - C) w/o Sports Suspension		30591
	2.4L (8th digit in VIN - 4)		30585
TIBURON			
1997-2001	w/o electronic sensor	25424	
	w/ electronic sensor	25470	
2003-2008		25881	
TUCSON			
2005-2008		26502	
2010-2013			30487
2014			60057
VELOSTER			
2012-2015			30595
VERACRUZ			
2007-2012		30244	
XG SERIES			
2001-2002		25565	
2003-2005	w/o electronic sensor	25565	
	w/ electronic sensor	25877	

INFINITI

EX35			
2008-3/09	AWD w/ 17" wheels	30303	
	AWD w/ 18" wheels	30304	
	RWD w/ 17" wheels	30305	
	RWD w/ 18" wheels	30306	
4/09-2010	AWD w/ 17" wheels	30463	
	AWD w/ 18" wheels	30464	
	RWD w/ 17" wheels	30305	
	RWD w/ 18" wheels	30306	
2011-2013	AWD	30464	
	RWD	30306	
EX37			
2013	AWD	30464	
	FWD	30306	
FX SERIES			
2003-9/03		25920	
10/03-2008		25990	
2009-2013	18" wheels	30408	

G20			
1990-1996		776	
1999-2002		25569	
G25			
2011-2012	AWD Sedan w/ 17" wheels	30539	
	AWD Sedan w/ 18" wheels	30540	
	RWD Sedan	30541	
G35			
2003	Coupe	25910	
2004-2005	AWD	25987	
	RWD	25910	
2006	AWD	25987	
	RWD w/o rear active steering	25910	
	RWD w/ rear active steering	30125	
2007	AWD	30235	
	RWD Coupe w/o rear active steering	25910	
	RWD Coupe w/ rear active steering	30125	
	RWD Sedan w/o rear active steering Sport model	30237	
	RWD Sedan w/o rear active steering non Sport model	30238	
	RWD Sedan w/ rear active steering	30236	
2008	AWD Sedan w/ 17" wheels	30235	
	AWD Sedan w/ 18" wheels	30324	
	RWD Sedan w/o rear active steering Sport model	30237	
	RWD Sedan w/o rear active steering non Sport model	30238	
	RWD Sedan w/ rear active steering	30236	
G37			
2008	w/o rear active steering	30321	
	w/ rear active steering	30322	
2009	Convertible	30415	
2010-2012	Convertible w/ rear active steering	30321	
	Convertible w/o rear active steering	30415	
2009-4/09	AWD Coupe	30414	
5/09-2012	AWD Coupe	30482	
2009-4/09	AWD Sedan w/ 17" wheels	30235	
	AWD Sedan w/ 18" wheels	30234	
5/09-4/10	AWD Sedan w/ 17" wheels	30483	
	AWD Sedan w/ 18" wheels	30484	
5/10-2012	AWD Sedan w/ 17" wheels	30539	
	AWD Sedan w/ 18" wheels	30540	
2009-2012	RWD Coupe w/ rear active steering	30321	
	RWD Coupe w/o rear active steering	30322	
2009-4/10	RWD Sedan w/ rear active steering	30236	
	RWD Sedan w/o rear active steering	30238	
5/10-2013	RWD Sedan w/ rear active steering	30582	
	RWD Sedan w/o rear active steering	30541	

I30			
1996-1997		25408	
1998-1999	i30t or manual transmission	25450	
	base model	25408	
2000-2001		25614	
I35			
2002-2004		25615	
J30			
1993-1997	EVO sensor	785	
JX35			
2013		59942	
M30			
1990-1992		775	
M35			
2006-2010	AWD	26563	
	RWD	26564	
2013-2013	M35h - hybrid	59901	
M37			
2011-2013	AWD	30521	
	RWD w/ HICAS (4WS)	30527	
	RWD w/o HICAS (IRS)	30529	
M45			
2003-2004		25917	
2006-2012	AWD	26563	
	RWD	26564	
M56			
2011-2013	AWD	30521	
	RWD w/ HICAS (4WS)	30527	
	RWD w/o HICAS (4WS)	30529	
Q45			
1990-1996	EVO sensor	5149	
1997-2001	Rack only - EVO sensor	25439	
2002-2004		25703	
2005		26512	
2006	w/o HICAS (IRS)	26512	
	w/ HICAS (4WS)	30122	
Q60			
2014	AWD Coupe w/o rear active steering	30482	
	RWD Coupe w/ rear active steering	30321	
	RWD Coupe w/o rear active steering - Journey	30322	
	Conv w/ rear active steering	30321	
	Conv w/o rear active steering	30415	

Q70			
2014-2015	3.5L Hybrid	60122	
	3.7L & 5.0L w/ AWD	30521	
	3.7L & 5.0L w/ RWD	30529	
QX4			
1997-2003		25410	
QX50			
2014-2015	AWD	30464E(8)	
	RWD	30306E(8)	
QX56			
2004-2010		25991	
2011-2013	w/ front and rear stabilizer bars	30514	
	w/o front and rear stabilizer bars	30515	
QX60			
2014-2015		59984	
QX70			
2014-2015	3.7L	30408	
	5.0L	30538	
QX80			
2014-2015	w/o EVO Sensor	30514	
	w/ EVO Sensor	30515	

ISUZU

AMIGO / AXIOM / RODEO			
1998-2000		25526	
2001-2004		25656	
ASCENDER			
2003-2008		2009	
I-280 / I-350			
2005	2 WD w/ off road package (opt Z71)	2126	
	2 WD w/ chassis package (opt Z85 or ZQ8)	2127	
	4 WD	2126	
2006	2 WD w/ off road package opt Z71 (thru VIN 68272519)	2126	
	2 WD w/ off road package opt Z71 (from VIN 68272519)	2130	
	2 WD w/ chassis package opt Z85 or ZQ8 (thru VIN 68272519)	2127	
	2 WD w/ chassis package opt Z85 or ZQ8 (from VIN 68272519)	2129	
	2 WD w/ sport chassis package opt ZQ8 (from VIN 68272519)	2128	
	4 WD (thru VIN 68272519)	2126	
	4 WD (from VIN 68272519)	2130	
I-290 / I-370			
2007-2008	2 WD w/ off road package (opt Z71)	55149	
	2 WD w/ chassis package (opt Z85)	55162	
	2 WD w/ sport chassis package (opt ZQ8)	55161	
	4 WD	55149	

I-MARK			
1981-1984			878
1985-1990		5011	874
IMPULSE			
1983-1989		5022	
1990-1992	2 wheel drive	756	
	4 wheel drive	25220	
OASIS			
1995-2000		25525	
STYLUS			
1991-1994		5144	8890

JAGUAR

F TYPE			
2014-2015		51101	
S TYPE			
2000-2002	w/ Ford gear (sensor on driver side of pinion tower) EVO sensor	25577	
	w/ ZF gear (sensor on pass side of pinion tower) EVO sensor	25577ZF	
2003	thru VIN M45254	25577ZF	
	from VIN M45255	26511	
2004-2007	EVO sensor	26511	
X TYPE			
2002-2003	EVO sensor	25969	
2004	thru VIN 080851	25969	
	from VIN 080852	26516	
2005-2008		26516	
XF			
2009	Rack only - EVO sensor not supplied	30384	
2010-2012	4.2L or non XFR (Sensor not supplied)	30384	
	XFR 5.0 litre supercharged	30450	
2013-2014	2.0L & 3.0L RWD	30384	
	3.0L AWD	60024	
	5.0L	30450	
XJ			
2010-2014		30462	
XJ6 / XJ8 / XJ40			
1969-1977		5025	
1978-1987	w/ 16mm inner tie rod threads	5026	
	w/ 14mm inner tie rod threads	5028	
1988-1991		5029	
1992-1993	w/ casting #BE24146 on side of pinion power	5029	
	w/ casting #BE4014700 on side of pinion power	5029L	
1994-1997	w/o Servotronic	577	
	w/ Servotronic	520	

		POWER	MANUAL
1998-2003		25533	
2004-2005	EVO sensor	26511	
2006-2009	EVO sensor	30176	
XJ12 / XJS			
1973-1977		5025	
1978-1992	w/ 16mm inner tie rod threads	5026	
	w/ 14mm inner tie rod threads	5028	
1993-1997	w/ 3 Bolt grommet mount, w/o Servotronic	506	
	w/ 3 Bolt grommet mount, w/ Servotronic	506S	
	w/ 4 Bolt foot pad mount, w/o Servotronic	507	
	w/ 4 Bolt grommet mount, w/ Servotronic	507S	
XJR			
2014		60026	
XK8			
1997-2006		25533	
XK			
2007-2009	EVO sensor	30215	
2010-2014	Except XKR-S	30450	
XKE			
1961-1971	6 cylinder	600	900
1969-1974	V 12	601	
XKR			
2000-2007		25533	
2008-2009	EVO sensor	30215	
2012-2014	XKR-S	30529	

JEEP

COMMANDER			
2006-2010		55181	
COMPASS			
2007-2010	w/ AWD	55169	
	w/ FWD	55168	
2011-2014	w/ AWD	5344	
	w/ FWD	5345	
GRAND CHEROKEE			
2005-2010		2138	
2011	2 wheel drive	5327	
	4 wheel drive	5328	
2012-2014	SRT	2199	
	Non SRT 4X2 w/ 3.6L	2201	
	Non SRT 4X4 w/ 3.6L	2200	
	Non SRT w/ 5.7L	2202	
2014	3.0L w/ std steering	5328	

LIBERTY			
2002-2005	Left hand drive	2024	
	Right hand drive	2025	
2006-2007	Left hand drive	55158	
	Right hand drive	55159	
2008-2012	Left hand drive	55189	
	Right hand drive	55190	
PATRIOT			
2007-2010	w/ AWD	55169	
	w/ FWD	55168	
2011-2014	w/ AWD	5344	
	w/ FWD	5345	

KIA

AMANTI			
2004-2006	EVO sensor	25985	
2007-2009		30327	
BORREGO			
2009-2011		30436	
CADENZA			
2014-2015			59951
FORTE			
2010-2013	w/ electric power assisted rack		30595
	w/ 2.0L and hydraulic steering	30446	
	w/ 2.4L and hydraulic steering	30447	
OPTIMA			
2001-2005	w/o electric sensor	25565	
	w/ electric sensor	25877	
2006	w/o sensor (5th digit in VIN D in 2006)	25565	
	w/ sensor (5th digit in VIN D in 2006)	25877	
	5th digit in VIN E	30337	
2007-2010		30337	
2011	LX		30590
	EX w/ 2.0L (turbo)		30589
	EX w/ 2.4L		30590
	SX		30589
	Hybrid thru 4/18/2011		30575
	Hybrid from 4/19/2011		30585
2012-2014	LX		59903
	EX w/ 2.0L (turbo)		59902
	EX w/ 2.4L		59903
	SX, SXL		59903
	Hybrid		30585

		POWER	MANUAL
RIO			
2000-2005		25630	8026
2006-2011		30107	8028
2012-2014			59905
RONDO			
2007-2012		30337	
SEDONA			
2002-2005		25891	
2006-2012		30128	
2014		60079	
SEPHIA			
1993-1997		25367	8008
1998-2001	w/ 2 strap mounting	25482	8009
	w/ 1 strap & 2 grommet mounting	25890	8027
SORENTO			
2003-2006	EX	25926	
	LX	25925	
2007-2009		30328	
2011-2013		30459	
2014-2015			59980
SOUL			
2010-2011		30440	
2012-2013			59922
2014			60036
SPECTRA			
2000-2001	w/ 2 strap mounting	25628	8009
2002-2003	w/ 2 strap mounting	25628	
	w/ 1 strap & 2 grommet mounting	25890	
2004	1.8L w/ 2 strap mounting	25628	
	2.0L w/ 1 strap & 2 grommet mounting	25890	
	2.0 litre	26467	
2005-2009		26467	
SPORTAGE			
2005-2009		26502	
2010-2012	2.0L & 2.7L	26502	
	2.4L		30487
2014-2015			60057

LAMBORGHINI

1969-2008		CFA	
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LAND ROVER

FREELANDER			
2002-2005		25888	
LR2			
2008-2013		30290	
LR3			
2005-2008		26528	
2009	thru VIN 9A495999	26528	
	from VIN 9A496000	30467	
LR4			
2010-2013		30467	
RANGE ROVER			
2003-2012	Servotronic sensor	25886	
RANGE ROVER SPORT			
2006-2008	Servotronic sensor	26557	
2009-2013		30428	

LEXUS

CT200H			
2011-2015			30559
ES250			
1990-1991		5152	
ES300			
1992-1996		5153	
1997-2001		25444	
2002-2003		25693	
ES300H			
2013-2015			60002
ES330			
2004-2006		25693	
ES350			
2007-2012		30189	
2013-2015			60002
GS300			
1993-1997	EVO sensor	558	
1998-2005		25502	
2006	w/ AWD	CFA Electric	
	w/ RWD	CFA Electric	
GS350			
2007-2011	w/ AWD	CFA Electric	
	w/ RWD	CFA Electric	

GS400 / GS430			
1998-2005		25502	
2006-2007	w/ sway bar control	CFA Electric	
	w/o sway bar control	CFA Electric	
GS440H			
2006-8/06	w/ sway bar control	CFA Electric	
9/06-2007	w/ sway bar control	CFA Electric	
	w/o sway bar control	CFA Electric	
GX460			
2010-2014		30530	
GX470			
2003-2009		25919	
HS250H			
2010-2012			30533
IS250			
2006-2012	Convertible	CFA Electric	
	Sedan w/ AWD	CFA Electric	
	Sedan w/ RWD	CFA Electric	
2014-2015	Conv w/ sport package (F Sport)	CFA Electric	
	Conv w/o sport package	CFA Electric	
IS300			
2001-2005		25672	
IS350			
2006-2013	Convertible	CFA Electric	
	Sedan w/ AWD	CFA Electric	
	Sedan w/ RWD	CFA Electric	
2014-2015	Conv w/ sport package (F Sport)	CFA Electric	
	Conv w/o sport package	CFA Electric	
IS-F			
2008-2014		CFA Electric	
LS400			
1990-1992	EVO sensor	5151	
1993-1994	EVO sensor	5151	
1995-1997	EVO sensor	25393	
1998-2000	EVO sensor	25142	
LS430			
2001-2006	EVO sensor	25673	
LS470			
1998-2002		25485	
2003-2007		25902	
LS570			
2008-2013		30326	
LX570			
2008-2015		30326	

RX300		POWER	MANUAL
1998-2003		25507	
RX330			
2004-2006		25963	
RX350			
2007-2009		25963	
2010-2014			30536
RX400H			
2006-2009		CFA Electric	
RX450H			
2010-2014			30536
SC300 / SC400			
1992-2000	EVO sensor	5154	
SC430			
2002-2010		25502	

LINCOLN

AVIATOR		POWER	MANUAL
2003-2005	EVO sensor	2053	
CONTINENTAL			
1982-1984		6406	
1985	w/ 1 piece rubber mounting bushing with a steel insert	6430	
	w/ 2 piece rubber mounting bushing and no insert	6446	
1986-1987	w/ 3.0 turns lock to lock	6446	
	w/ 2.5 turns lock to lock	6446HD	
1988-1994		6456	
1995-2002		295	
LS			
2000-2002	EVO sensor	3672	
2003-2008	EVO sensor	2071	
MKS			
2009		55201	
2010-2012	3.7L hydraulic steering	5298	
MKT			
2010-2012	3.7L hydraulic steering	55201	
MKX			
2007-2010		55157	
2011-2012		5269	
2013-2015	w/ 18" or 20" wheels	5269	
	w/ 22" wheels	5351	

MKZ			
2007-2009		55103	
2010-2012	hydraulic steering	5277	
2011-2012	EPS w/ 4 wire pinion sensor lead	CFA Electric	
	EPS w/ 6 wire pinion sensor lead	CFA Electric	
MARK VII / VIII			
1984		6406	
1985	w/ 1 piece rubber mounting bushing with a steel insert	6406	
	w/ 2 piece rubber mounting bushing and no insert	6446	
1986-1992	w/ 3.0 turns lock to lock	6446	
	w/ 2.5 turns lock to lock	6446HD	
1993-1998		6462	
MARK LT			
2006-2008	w/ 2 wheel drive	2102	
	w/ 4 wheel drive	2104	
NAVIGATOR			
2003-2006	EVO sensor	2101	
2007-2010		55135	
2011-2014		5358	
TOWN CAR			
2003-2007	EVO sensor	300	
2008-2011	w/o speed sensitive steering	55221	
	w/ speed sensitive steering	300	
ZEPHYR			
2006		55103	

LOTUS

1969-2005		540	
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MASERATI

1969-1980			8017
1981-2008	Cam style	591C	8910
	ZF style	591Z	8910

MAZDA

323 / PROTEGE			
1986-1989	w/ 2 wheel drive	5032	
	w/ 4 wheel drive	572	
1990-1994	w/ 2 wheel drive	5102	
	w/ 4 wheel drive	561	
1995	w/ VIN #JM1BG	761	
	w/ VIN #JM1BA	25472	

		POWER	MANUAL
1996-1998		25472	
1999-2003		25551	
626 / MX6			
1983-1987		5034	
1988-1992	w/ 4 wheel steer	502	
1988-1992	w/o turbo	5065	
	w/ turbo	5108	
1993-1996		6479	
1997-1998	confirm pinion tower casting number is 25-31 for 1997	6479	
	confirm pinion tower casting number is 25-81 for 1998	25511	
1999-2002		25511	
929			
1988-1989		5127	
1990-1991	w/o pressure sensor in rack housing	5156	
	w/ pressure sensor in rack housing	5185	
1992-1995		769	
B2300 / B2500			
1998-2000		3566	
2001-2010		3567	
B3000 / B4000			
1998-2000		3566	
2001-2010		3567	
CX-5			
2013-2014			59972
CX-7			
2007-2012		30175	
CX-9			
2007-2014		30265	
GLC			
1981-1986		5031	
MPV			
1989-1993	w/ 2 wheel drive	5135	
	w/ 4 wheel drive	5181	
1994-1998	w/ 2 wheel drive	5135	
	w/ 4 wheel drive	25387	
2000-2001		25586	
2002-2006		25702	
MAZDA 2			
2011-2014			30519
MAZDA 3			
2004-2005		26507	
2006-2009		26554	
2010-2013	non Mazdaspeed	30492	
	Mazdaspeed (Turbo)	30491	
2014			60022

		POWER	MANUAL
MAZDA 5			
2006-2010		26554	
2012-2014		59920	
MAZDA 6			
2003-2005		25924	
2006-2008	2.3L w/o turbo	26562	
	2.3L w/ turbo	30145	
	3.0 litre	26562	
2009-2013		30390	
2014			60021
MIATA			
1990-1995		5159	840
1996-1997		25012	840
1999-2003		25515	8011
2004-2005	non Mazdaspeed	25515	
	Mazdaspeed	26479	
2006-2013		30140	
MILLENNIA			
1995-1998		5201	
1999-2000		25550	
2001-2002		25647	
MX-3			
1992-1996	w/ 4 cylinder engine	5182	
	w/ 6 cylinder engine	5182	
RX7			
1986-1992	w/ 2 ports in pinion tower	5033	871
	w/ 3 ports in pinion tower	5101	
1993-1995		5184	
RX8			
2004-2011		CFA Electric	
TRIBUTE			
2001-2006		1979	
2008-6/4/09	non-hybrid w/ 16 mm Tie rods		30385
	non-hybrid w/ 14 mm Tie rods		30341
2008-2009	hybrid		30340
6/5/09-2011	all including hybrid		30341

MERCEDES BENZ

C CLASS C230 / C32 / C55			
2002-2004		25657	
2005-2007	w/o speed sensitive steering	25657	
	w/ speed sensitive steering	25945	
2009		104	

C CLASS C240 / C320			
2001-2002		25657	
2003-2004	AWD w/o speed sensitive steering	920	
	AWD w/ speed sensitive steering	925	
	RWD w/o speed sensitive steering	25657	
	RWD w/ speed sensitive steering	25945	
2005	AWD w/o speed sensitive steering	920	
	AWD w/ speed sensitive steering	925	
	RWD w/o speed sensitive steering	25657	
	RWD w/ speed sensitive steering	25945	
C CLASS C280 / C300 / C350			
2006-2007	AWD w/o speed sensitive steering	920	
	AWD w/ speed sensitive steering	925	
	RWD w/o speed sensitive steering	25657	
	RWD w/ speed sensitive steering	25945	
2008-2011	AWD w/o speed sensitive steering	950	
	AWD w/ speed sensitive steering	955	
	RWD w/o speed sensitive steering	951	
	RWD w/ speed sensitive steering	956	
2012-2015	C250 or C350 Coupe w/ sports package	30368	
	C250 or C350 Coupe w/o sports package	59933	
	C250 or C350 Sedan w/ AWD	30365	
	C250 or C350 Sedan w/o AWD	59933	
	C300	30365	
C CLASS C63			
2008-2012		30369	
CL CLASS			
2000-2006	CL500, CL600, CL55 & CL65	25610	
2007-2008	CL550 & CL600	30433	
	CL63 & CL65	30387	
2009-2010	CL550	30311	
	CL600	30433	
	CL63 & CL65	30387	
2011-2014	CL550	30508	
	CL600	30507	
	CL63	30581	
	CL65	30509	
CLK			
2003	coupe models only CLK320, CLK500 & CLK55	25945	
2004	coupe & convertible CLK320, CLK500 & CLK55	25945	
2005-2009	CLK320, CLK350, CLK500 CLK550 w/o Servotronic sensor	25657	
	CLK320, CLK350, CLK500 CLK550 w/ Servotronic sensor	25945	
	CLK55 & CLK63	30118	

CLS CLASS		<i>POWER</i>	<i>MANUAL</i>
2006-2011	CLS500, CLS550, CLS55 & CLS63	30105	
E CLASS			
1996-2000	E300D, E320, E420 or E430 w/o Servotronic RWD	511	
	E300D, E320, E420 or E430 w/ Servotronic RWD	511S	
	E300D, E320, E420 or E430 w/ Servotronic AWD	25490	
2001-2002	E320 w/ AWD & E430 w/ AWD	25490	
	E320 w/ RWD & E430 w/ RWD	511S	
	E55	511S	
2003	E320 wagon w/ AWD	25490	
	E320 wagon w/ RWD	511S	
	E320 sedan & E500 sedan	26478	
	E55	26478	
2004-2005	E320 w/ AWD & E500 w/ AWD	26480	
	E320 w/ RWD & E500 w/ RWD	26478	
	E55 thru VIN A702696	26478	
	E55 from VIN A702697	30105	
2006	E320	26478	
	E350 w/ AWD & E500 w/ AWD	26480	
	E350 w/ AWD & E500 w/ RWD	26478	
	E355	30105	
2007-2009	E320	30257	
	E350 w/o RWD w/o speed sensitive steering	30254	
	E350 w/ RWD w/o speed sensitive steering	30257	
	E350 w/ AWD & E550 w/ AWD	30255	
	E550 w/ RWD	30105	
	E63	30105	
2010-2011	E350 coupe & E550 w/o speed sensitive steering	30499	
	E350 coupe & E550 w/ speed sensitive steering	30498	
	E350 diesel & E350 RWD & E550 RWD	30502	
	E350 wagon & E350 AWD & E550 AWD	30501	
	E63	30500	
2012	E350 Coupe AWD	30365	
	E350 Coupe RWD w/ Hydraulic Steering	30499	
	E350 Convertible w/ Hydraulic steering	30499	
	E350 Sedan Diesel	30502	
	E350 Sedan Gas AWD	59965	
	E350 Sedan Gas RWD	30502	
	E550 Sedan	59965	
	E63 Sedan	30627	
	E350 Station Wagon	59965	
	E63 Station Wagon	30627	
2013	E350 Coupe AWD	30365	
	E350 Coupe RWD w/ Hydraulic Steering	30499	
	E350 Convertible w/ Hydraulic steering	30499	

		POWER	MANUAL
	E350 Sedan Diesel w/ Hydraulic steering	30502	
	E350 Sedan Gas or FFV RWD (Hydraulic Steering)	30502	
	E400 Sedan	60005	
GL CLASS			
2007-2009	w/o speed sensitive steering	30101	
	w/ speed sensitive steering	30100	
2010-2012	w/o speed sensitive steering	30101	
	w/ speed sensitive steering	134	
GLK CLASS			
2010-2012	w/o speed sensitive steering	950	
	w/ speed sensitive steering (Sensor not supplied)	30449	
ML CLASS			
1998-2000	ML320 & ML430	496	
2000-2001	ML55	25676	
2001	ML320 & ML430	25677	
2002-2003	ML55	25880	
2002-2005	ML320, ML350 & ML500	25879	
2006-2009	w/o speed sensitive steering	30101	
	w/ speed sensitive steering	30100	
2010-2011	ML350 & ML550 w/o speed sensitive steering	30101	
	ML350 & ML550 w/ speed sensitive steering	30553	
	ML450 & ML63 w/o speed sensitive steering	30101	
	ML450 & ML63 w/ speed sensitive steering	30100	
R CLASS			
2006-7/31/07	w/o speed proportional steer	30117	
	w/ speed proportional steer	30115	
8/1/07-2013		30352	
S CLASS			
2000-2002	S430, S500, S600 & S55	25610	
2003	S430 w/ AWD & S500 w/ AWD	25946	
	S430 w/ RWD & S500 w/ RWD	25610	
	S600 & S55	25610	
2004-2005	S430 w/ AWD & S500 w/ AWD	25946	
	S430 w/ RWD & S500 w/ RWD	25610	
	S600 & S55	25610	
2006	S550 w/ AWD	25610	
	S550 w/ RWD	25946	
	S430 w/ RWD & S500 w/ RWD	25610	
	S600, S55 & S65	25610	
2007	S550 w/ AWD	30311	
	S550 w/ RWD	30312	
	S600 & S65	30312	
2008-2009	S550 w/ AWD	30311	
	S550 w/ RWD	30312	
	S600 & S65	30387	

		POWER	MANUAL
2010	S400	30433	
	S550 w/ AWD	30508	
	S550 w/ RWD w/ active body control	30507	
	S550 w/ RWD w/o active body control	30508	
	S600	30507	
	S63 & S65	30509	
2011	S400	30580	
	S550 w/ AWD	30508	
	S550 w/ RWD w/ active body control	30507	
	S550 w/ RWD w/o active body control	30580	
	S600	30507	
	S63	30581	
	S65	30509	
2012-2013	S350	30508	
	S400	30580	
	S550 w/ AWD	30508	
	S550 w/ RWD w/ active body control	30507	
	S550 w/ RWD w/o active body control	30508	
	S600	30507	
	S63	30581	
	S65	30509	
SL CLASS			
2003-2006	SL500, SL600, SL55 & SL65	25944	
2007-2008	SL500, SL600, SL55 & SL65	30204	
2009	SL500, SL600, SL55 & SL65 non-Black Series	30204	
	SL65 non-Black Series	30417	
2011-2013		30204	
SLK CLASS			
2005-2008	SLK280, SLK350 w/o speed proportional steering	26544	
	SLK280, SLK350 w/ speed proportional steering	26545	
	SLK55	26545	
2009-2011	SLK300, SLK350, SLK55	30423	
2012-2015	SLK250, SLK350	59915	
	SLK55	59916	
SLR CLASS			
2005-2008		26548	
SLS CLASS			
2011-2015	Base Model	30605	
SPRINTER			
2003-2006		25007	
2007		25008	

MERCURY

COUGAR			
1980-1984	w/ TRW gear (2 piece steel/aluminum casting)	6404	
	w/ Ford gear (1 piece all aluminum casting) &	6406	
1985	w/ 1 piece rubber mounting bushing with a steel insert	6406	
	w/ 2 piece rubber mounting bushing and no insert	6446	
1986-1988	w/ 3.0 turns lock to lock	6446	
	w/ 2.5 turns lock to lock	6430	
1989-1997		6462	
1999-2002		6925	
LN7 / LYNX / TOPAZ			
1981-1986		6411	
1987-1990	w/ TRW gear (2 piece steel/aluminum casting)	6411	
	w/ Ford gear (1 piece all aluminum casting)	6438	
1991-1995		6438	
MARINER			
2005-1/7/07	non-hybrid	1979	
	Hybrid	CFA Electric	
1/8/07-6/3/09	All including hybrid w/ 16mm inner tie rod threads		55178
	All including hybrid w/ 14mm inner tie rod threads		30341
6/4/09-2012	All including hybrid		30341
MARQUIS			
1982-1984	w/ TRW gear (2 piece steel/aluminum casting)	6404	
	w/ Ford gear (1 piece all aluminum casting)	6406	
1985	w/ 1 piece rubber mounting bushing with a steel insert	6406	
	w/ 2 piece rubber mounting bushing and no insert	6446	
1985-1987	w/ 3.0 turns lock to lock	6446	
	w/ 2.5 turns lock to lock	6430	
2003-2007	EVO sensor	300	
2008-2011	w/o speed sensitive steering	5221	
	w/o speed sensitive steering (EVO sensor not supplied)	300	
MERKUR SCORPIO			
1985-1990		6485	
MERKUR XR4TI			
1985-1990		6485	
MARAUDER			
2003-2004	EVO sensor	300	
MILAN			
2006-2009	w/ 16" tires	55100	
	w/ 17" tires	55101	
2010-2012	EPS w/ 4 wire pinion sensor lead	CFA Electric	
	EPS w/ 6 wire pinion sensor lead	CFA Electric	
MONTEGO			
2005-2007		2168	

MONTEREY			
2004-2007		3564	
MOUNTAINEER			
1997-2001		3566	
2002-2005	4.0 litre	1998	
	4.6 litre	2019	
2006-2010		55112	
MYSTIQUE			
1995-2000		6925	
SABLE			
1986-1/87		6425	
2/87-1989		6437	
1990-1995	w/o variable assist (no sensor mounted to pinion tower)	6437	
	w/ variable assist (sensor mounted to pinion tower)	6467	
1996-1998		286	
1999-2005		3391	
2008-2009		55201	
TRACER			
1985-1990		5032	937
1991-1994	w/ 1.8 litre non GT (Mazda gear)	6481	830
	w/ 1.8 litre GT or 1.9 litre (Ford gear)	6482	830
1995-2000		6482	830
VILLAGER			
1993-2002		6913	

MG/MGB

1962-1980	w/ 14" long pinion shaft		847
	w/ 17" long pinion shaft		848
	w/ 22" long pinion shaft		849

MINI

COOPER			
2002-2006		25695	
2007-2008	convertible thru 2/07	25695	
	convertible from 3/07	30262	
2009-2014		CFA Electric	

MINI

3000 GT			
1991-1999	w/ 2 wheel steer	5143	
	w/ 4 wheel steer	5178	

CORDIA / TREDIA			
1983		652	833
1984-1987		5013	833
1988		701	
DIAMANTE			
1992-1996	w/o electric sensor	5143	
	w/ electric sensor	779	
1997-2004		586	
ECLIPSE			
1989-1994		5150	869
1995-1999	w/ 2 wheel steer	6933	
	w/ 4 wheel steer	25441	
2000-2005	2.4 litre engine	25659	
	3.0 litre engine	25660	
2006-2009		25992	
2010-2013		126	
ENDEAVOR			
2004-2011		25994	
EXPO / EXPO-LRV			
1991-1995		5142	
GALANT			
1985-1987		5036	
1988-1993	w/o electric sensor	5112	
	w/ electric sensor	702	
6/90-1993	w/ 4 wheel steer	5193	
1994	w/o electric sensor	6933	
	w/ electric sensor	5305	
1995-1998		6933	
1999-2003	2.4 litre	25659	
	3.0 litre	25560	
2004-2006	Non Ralliart	25992	
	Ralliart	30201	
2007-2010	2.4 litre	25992	
	3.8 litre	30201	
2011-2013		25992	
GALANT SIGMA			
1985-5/89		5036	
6/89-1992		5107	
LANCER			
2002		25859	
2003	Non Evolution	25859	
	Evolution	25934	

		POWER	MANUAL
2004	2.0 litre non Evolution	25859	
	2.0 litre Evolution	25934	
	2.4 litre w/o ABS	25859	
	2.4 litre w/ ABS	26457	
2005-2/07	2.0 litre non Evolution	25859	
	2.0 litre Evolution	25934	
	2.4 litre	26457	
3/07-2007	2.0 litre non Evolution	30320	
	2.0 litre Evolution	25934	
	2.4 litre	26457	
2008-2010	Non Evolution / Non Ralliart	30354	
	Evolution / Ralliart	30353	
2011-2013	FWD base model	CFA Electric	
	FWD Evolution or GT model	131	
	AWD	132	
LANCER SPORTBACK			
2010-2013	2.0 litre	133	
	2.4 litre or Ralliart	132	
MIRAGE			
1985-3/88		5011	8340
4/88-5/92	non LS	5009	8340
4/88-5/92	LS	5009	8140
6/92-1996		5177	8003
1997-2002		25459	8003
MONTERO			
2001-2006	non Sport	25653	
OUTLANDER			
2003-2006	w/ AWD	25933	
	w/ FWD	25932	
2007-2008		30199	
2009-2013	2.4 litre	30192	
	3.0 litre	30199	
PRECIS			
1987-1989		5106	8660
1990-1994		5118	9660
RAIDER			
2006-2008		2136	
VANWAGON			
1987-1990		5110	8012

NISSAN

ALTIMA			
1993-1/96		5164	
2/96-5/97		796	
6/97-7/01		25531	

8/01-2006		25707	
2007-2008	non Hybrid	30206	
	Hybrid	CFA Electric	
2009-2012	3.5L SE coupe	30405	
	non Hybrid	30206	
	Hybrid	CFA Electric	
2013	Coupe 2.5L	CFA Electric	
	Coupe 3.5L	CFA Electric	
2013-10/13	Sedan 2.5L Base & S	59993	
	Sedan 2.5L SV & SL	59994	
	Sedan 3.5L	59994	
11/13-2015	Sedan 2.5L Base & S	60038	
	Sedan 2.5L SV & SL	60039	
	Sedan 3.5L	60039	
ARMADA			
2004-2014		25991	
AXXESS			
1989-1992	w/ 2 wheel drive	522	
	w/ 4 wheel drive	555	
CUBE			
2009-2014			30435
FRONTIER			
2005-2014		26547	
GT-R			
2009-2014		30434	
JUKE			
2011-2013			30513
2014	S, SV, SL, Nismo		30513
	Nismo RS		30023
LEAF			
2011-2012			30624
2013	S & SV style		59986
	SL style		59987
2014	S & SV style		60045
	SL style		60046
MAXIMA / 810			
7/80-6/84		5038	
7/84-8/88		5045	
9/88-11/94		5035	
2/94-1996		25408	
1997-1999	SE	25450	
	GLE / GXE	25408	
2000-2003		25614	
2004-2008		25708	
2009-2014		30391	

MURANO		POWER	MANUAL
2003-2004	AWD	25936	
	FWD	25937	
2005-2007	AWD	26550	
	FWD	26549	
2009	AWD LE Model	30397	
	AWD S or SL Model	30398	
	FWD	30399	
2010-2011	AWD LE Model	30397	
	AWD S or SL Model	30398	
	FWD LE Model	30457	
	FWD S or SL Model	30399	
2012-2014	AWD 2 dr & 4 dr LE	59908	
	AWD 4 dr S, SL or SV	59909	
	FWD 4 dr LE	59910	
	FWD 4 dr S, SL or SV	59911	
NV 200E			
2013-2014			59989
NX COUPE			
1991-1994	w/ 2 litre motor	5163	
	w/ 1.6 litre motor and mfg in Japan (VIN # JN1)	5161	
	w/ 1.6 litre motor and mfg in America (VIN # 1N4)	5162	
PATHFINDER			
1996-2004		495	
2005-2012		26547	
2013-2015		59984	
PULSAR			
1983-6/84		5040	
7/84-8/86		5041	
9/86-8/90	XE / NX	5049	
	SE	5053	
QUEST			
1993-2002		6913	
2004-2009		26465	
2011		30576	
2012-2014		59907	
ROGUE			
2008-2013			30299
2014-2015	VIN 5N1 or KNM		60101
	VIN JN8		30299
SENTRA			
1982-9/83		5040	812
10/83-12/85		5041	812
1/86-1990	2 wheel drive and mfg in Japan (VIN # JN1)	5049	862

		POWER	MANUAL
	2 wheel drive and mfg in America (VIN # 1N4)	5051	
1986-1990	4 wheel drive	5053	
1991-1994	2 litre motor	5163	873
	1.6 litre motor and mfg in Japan (VIN # JN1)	5161	873
	1.6 litre motor and mfg in America (VIN # 1N4)	5162	953
1995-1999		563	934
2000-2006		25625	
2007-2012	2.0 litre		30196
	2.5 litre		30229
2013-7/13	thru 7/2013		59979
8/13-2014	from 8/2013		60044
STANZA			
8/81-11/85		5048	812
12/85-6/89		5045	
1985-1988	wagon	5040	
1985-1988	wagon w/ 4 wheel drive	5058	
7/89-1992		5155	
TITAN			
2004-2014		25991	
VERSA			
2007-2011			30187
2012-2015	Hatchback		30187
	Sedan		59919
XTERRA			
2005-2014		26547	
200SX			
1984-1988		5043	851
1995-1999		563	
240SX			
1988-1994	w/ 2 wheel steer	5093	
	w/ 4 wheel steer	777	
1995-1999		564	
240Z			
1971-1973			8230
260Z / 280Z			
1973-1978			8250
280ZX			
1978-1983		5042	8110
300ZX			
1984-1988		5039	
1989-1996	2 wheel steer	5113	
	4 wheel steer	5114	
310			
1979-1982		5046	

350Z			
2003-2005		25910	
2006-6/06		30125	
7/06-2009		30220	
370Z			
2009-2014	base or touring	30431	
	Sport or Nismo	30432	

OLDSMOBILE

ACHIEVA / CALAIS / FIRENZA			
1982-1986		6409	409
1987-1991		6442	439
1992-1998	all racks except 2.25 turns lock to lock	6442	439
	w/ 2.25 turns lock to lock	6445	
ALERO			
1999-2004		3568	
AURORA			
1995-1998		6932	
1999		3888	
2001-2002	3.5 litre	3888	
	4.0 litre	3888	
2003		3888	
BRAVADA			
2002	w/ 14mm outer tie rod threads	2008	
	w/ 16mm outer tie rod threads	2009	
2003-2004		2009	
CIERA / CRUISER / OMEGA			
1980-1981		6403	
1982-1996		6400	400
CUTLASS SUPREME / CUTLASS			
1988-1996	w/o pressure switch mounted in pinion tower	6499	
	w/ pressure switch mounted in pinion tower	6460	
1997		6499	
	non Supreme	3568	
1998-1999		3568	
DELTA 88 / 88 ROYALE / 98 REGENCY / LSS			
1985-1995	w/o pressure switch mounted in pinion tower	6432	
	w/ pressure switch mounted in pinion tower	6431	
1996-1999	w/o Magnasteer	3412	
	w/ Magnasteer	3410	
FIREFLY			
1989-1994		498	
1995-1997		498	
1998-2001		498	

INTRIGUE			
1998-2002		3526	
SILHOUETTE			
1990-1996		6463	
1997-2001		3574	
2002-2004	w/ FWD	3574	
	w/ AWD	1987	
TORONADO			
1985-1991	w/o sensor mounted in pinion tower &	6432	
	w/ sensor mounted in pinion tower &	6431	
1992		6431	

PLYMOUTH

ACCLAIM / CARAVELLE / DUSTER / RELIANT / SUNDANCE			
1981-1988	all racks w/ 2.5 or more turns lock to lock (TRW Manf.)	6448	
	all racks w/ 2.5 or more turns lock to lock (Saginaw Manf.)	6422	
	all racks w/ less than 2.5 turns lock to lock (TRW Manf.)	6439	
	all racks w/ less than 2.5 turns lock to lock (Saginaw Manf.)	6427	
1989-1995	2 strap mounting	6452	
	2 bolt and 1 strap mount w/ 2.5 or more turns lock to lock	6448	
	2 bolt and 1 strap mount w/ 2.25 turns lock to lock	6439	
BREEZE			
1995-2000	w/ only 1 pressure switch mounted in pinion tower	6918	
	w/ 2 pressure switches mounted in pinion tower	6919	
NEON (SEE DODGE)			
PROWLER			
1997-2002		3674	
VOYAGER / GRAND VOYAGER			
1984-1990		6424	
1991-1995		6495	
1996-2000		297	
2001-2003		1974	

PONTIAC

AZTEK			
2001-2005	w/ FWD	3574	
	w/ AWD	1987	
BONNEVILLE			
1987-1995	w/o pressure switch mounted on rack housing	6432	
	w/ pressure switch mounted on rack housing	6434	
	SE, SSE, SSEi	6431	
1996-1999	w/o Magnasteer	3412	
	w/ Magnasteer	3410	

		POWER	MANUAL
2000-2003	w/o Magnasteer	3886	
	w/ Magnasteer	3888	
2004-2005	w/o Magnasteer	3886	
	w/ Magnasteer	3888	
FIERO			
1984-1987			426
1988			425
FIREBIRD / FORMULA / TRANS-AM			
1993-1997	w/ FE2 suspension	6903	
	w/ F41 suspension	6907	
1998-1999	w/ FE2, FE4 or FE7 suspension	3570	
	w/ F41 suspension	244HD	
2000-2002		3570	
G3			
2009		2095	
G5			
2007-2009			2040
G6			
2005-2010	w/ electric power assisted rack		2110
	w/ hydraulic power assisted rack	55113	
G8			
2008		5227	
2009	ID 92216841	5246	
	ID 92219418	5227	
GTO			
2004	w/ 14mm inner tie rod threads	2097	
2004	w/ 16mm inner tie rod threads	2160	
2005-2006	w/ 16mm inner tie rod threads	2160	
GRAND AM			
1982-1986		6409	
1987-1991		6442	
1992-1998	all racks except 2.25 turns lock to lock	6442	
	w/ 2.25 turns lock to lock	6445	
1999-2005		3568	
GRAND PRIX			
1988-1996	w/ pressure switch mounted in pinion tower	6499	
	w/o pressure switch mounted in pinion tower	6460	
1997-2003	w/o Magnasteer	3546	
	w/ Magnasteer	3544	
2004-2008	w/o Magnasteer	3524	
	w/ Magnasteer	3526	
LE MANS			
1982-1986		6409	
1987-1993		6496	

MONTANA			
1999-2001		3574	
2002-2004	w/ FWD	3574	
	w/ AWD	2011	
2005-2006	Base model w/ FWD	3574	
	Base model w/ AWD	2011	
	SV6 w/ FWD	2096	
	SV6 w/ AWD	2139	
2007-2009		2096	
SOLSTICE			
2006-2008		55118	
TORRENT			
2006-2007			2023
2008-2009	w/ electric power assist		2023
	w/ hydraulic power assist	55215	
TRANSPORT			
1990-1996		6463	
1997-2000		3574	
VIBE			
2003-2008	w/ FWD	2012	
	w/ AWD	2013	
2009-2010	w/ FWD		30380
	w/ AWD		30382

PORSCHE

BOXSTER			
1997-2004		25493	
2005-2007		26519	
2009-2012		30420	
CARRERA GT			
2004-2007		26466	
CAYENNE			
2002-2009	w/o Servotronic	25939	
	w/ Servotronic	25938	
2010-2014	w/o Servotronic	30532	
	w/ Servotronic	30531	
CAYMAN			
2006-2008		26519	
2009-2012		30420	
PANAMERA			
2010-2011	w/o Servotronic	30489	
	w/ Servotronic	30488	

		POWER	MANUAL
2012-2015	3.0L w/ Servotronic	59927	
	3.6L, 4.8L w/ Servotronic	30488	
	3.6L, 4.8L w/o Servotronic	30489	
911 / 912 / 914 / 930			
1966-1988			8820
911 / 993 / 996 / 997 / CARRERA 2 / CARRERA 4			
1989-1994		575	8013
1995-1998		25403	
1999-2004		25493	
2005	996 series	25493	
	997 series	26519	
2006-2011	997 series	26519	
2012	997 series	26519	
	991 series	59906	
924 / 944 / 968			
1976-1995		5063	
1976-1988	Manual rack		883
928 / 928S			
1982-1995		5061	

RANGE ROVER (SEE LAND ROVER)

ROLLS ROYCE

1977-1987	21.5" between mounting bolts	597	
1988-1998	23" between mounting bolts	567	
1999-2009	POW-A-RAK housing w/o speed sensitive steering	569	
	POW-A-RAK housing w/ speed sensitive steering	568	
	ZF housing w/ Servotronic	570	

SAAB

900			
1979-1993		5067	
1994	convertible	5067	
	nonconvertible	503	
1995-1998		503	
9000			
1986-1998		5068	
9-2X			
2005	2.0 litre	26526	
	2.5 litre	26527	
2006	w/o turbo	26527	
	w/ turbo	26526	

9-3			
1999-2002		501	
2003	convertible or hatchback	501	
	sedan	25956	
2004-2005		25956	
2006	4 cylinder	25956	
	6 cylinder	30259	
2007	4 cylinder	30258	
	6 cylinder	30259	
2008-2011	4 cylinder & AWD	30370	
	4 cylinder & FWD	30258	
	6 cylinder & AWD	30370	
	6 cylinder & FWD	30259	
9-5			
1999-2001		25519	
2002-2009		25887	
2010-2012	w/o variable steering	30546	
	w/ variable steering	30543	
9-7X			
2005-2009		55121	

SATURN

L / LS / LW SERIES			
2000-2005		3916	
SC / SL / SW SERIES			
1991-1996	w/o pressure switch mounted in rack	249	4490
	w/ pressure switch mounted in rack	249S	
1997-2002		249	4490
ASTRA			
2008-2009	w/ push in pump lines	55223	
	w/ screw in pump lines	55224	
AURA			
2007-2009	w/ electric power assisted rack		2110
	w/ hydraulic power assisted rack	55113	
ION			
2003-2007			2040
OUTLOOK			
2007-2010	w/o variable steering (opt N40)	55138	
	w/ variable steering (opt NV7) - EVO sensor not supplied	55137	
RELAY			
2005-2006	w/ AWD	2139	
	w/ FWD	2096	
2007		2096	

		POWER	MANUAL
SKY			
2007-2009		55118	
VUE			
2002-2007			2023
2008-2009	2.4L or 3.5L w/ electric power assist		2023
	2.4L or 3.5L w/ hydraulic power assist	55215	
	3.6L w/o steering gear control	55216	
	3.6L w/ steering gear control (opt D9P)	55217	

SCION

FR-S			
2013-2015			60009
IQ			
2011-2015			30611
TC			
2005-2010		26501	
2011-2015			30533
XA			
2004-2006		25901	
XB			
2004-2006		25901	
2008-2011			30268
2012-2015			59898
XD			
2008-2010			30325
2011-2015			30610

SMART

FORTWO			
2008-2013			8019

SUBARU

DL / GF / GL / BRAT			
1981-1982		5069	
1983-1984		5070	
1985-1989		5071	
1980-1989	w/ 2 Bolts on pinion		859
	w/ 1" long splined pinion		892
	w/ 2" long splined pinion		893

BAJA			
2003		25608	
2004-2006	w/o turbo	25608	
	w/ turbo	25977	
BR-Z			
2013-2015			60009
FORESTER			
1998-2002		25503	
2003-2004		25882	
2005-2008		26494	
2009-2013		30385	
2014		CFA Electric	
IMPREZA			
1993-1997	w/ FWD	5198	
	w/ AWD	25503	
1998-2001		25503	
2002-2004		25882	
2005-2007	4 door base or RS	25882	
	4 door WRX non Sti	26498	
	4 door WRX Sti	26500	
	5 door base, Outback or RS	25882	
	5 door WRX	26500	
2008-2010	Non Sti	30279	
	Sti	30388	
2011	w/o turbo	30279	
	w/ turbo	30388	
2012	2.0L	CFA Electric	
	2.5L	30388	
2013-2014	2.0L	CFA Electric	
	2.5L	30388	
JUSTY			
1987-1994		5071	855
LEGACY			
1990-1999	w/ left hand drive	5165	
	w/ right hand drive	541	
2000-2004		25608	
2005-2009	non GT	26476	
	GT	26475	
2010-2014		30455	
LOYALE			
1990-1994		5071	854
OUTBACK			
2000-2004		25608	
2005-2009		26476	
2010-2012		30454	

		POWER	MANUAL
SVX			
1992-1997	w/o solenoid	808	
	w/ solenoid	809	
B9 TRIBECA			
2006-2007		26558	
TRIBECA			
2008-2009		26558	
2010-2014		30452	
XT / XT6			
1985-1991		5072	
1985-1991	w/ 2 Bolts on pinion		859
	w/ 1" long splined pinion		892
	w/ 2" long splined pinion		893
XV CROSSTREK			
2013-2014	Base	CFA Electric	
	Hybrid	CFA Electric	

SUZUKI

AERIO			
2002-2007		25903	
EQUATOR			
2009-2013		26547	
ESTEEM			
1995-2002		25420	
FORENZA			
2004-2008		25999	
KIZASHI			
2010-2013		CFA Electric	
RENO			
2005-2008		25999	
SWIFT			
1989-1994		505	800
1995-1997		25464	8015
1998-2001		25513	8016
2004-2010		2095	
SX4			
2007-2013		30253	
VERONA			
2004-2006		25989	
VITARA			
1999-2002	base model	25561	
	Grand Vitara	25562	
2003-2005	base model	2114	
	Grand Vitara	25562	

		POWER	MANUAL
2006-2013	Grand Vitara	30169	
XL-7			
1999-2006		25562	
2007-2009		30261	

TOYOTA

4RUNNER			
1996-2002		549	
2003-2009		25919	
2010-12/09		30478	
01/2010-2015		30481	
AVALON			
1995-1996		5168	
1997-2004		25444	
2005-2012		25693	
2013-2015			59985
CAMRY			
1982-1985		5073	824
1986-1991		5129	938
1992-1996		5168	
1997-2001		25444	
2002-2006		25693	
2007-2011	non Hybrid	30189	
	Hybrid	CFA Electric	
2012-2015	non Hybrid 4 cyl (5th digit in VIN F) L model		59937
	non Hybrid 4 cyl (5th digit in VIN F) LE, SE or LXE model		59938
	non Hybrid 4 cyl (5th digit in VIN K) or Hybrid (5th digit in VIN D)		59936
CELICA			
1982-1985		5075	8430
1986-1989	w/o turbo	5076	
	w/ turbo	5130	
1990-1993	GT & GTS	5130	
	ST	5076	
1994-1999		806	
2000-2005		25598	
COROLLA			
1981-7/83		5081	820
1984-1985	w/ 2 door w/o diesel (8/83-7/85)	5082	
	w/ 4 door (8/83-9/84)	5077	
	w/ 2 door w/ diesel	5131	
1985-1987	w/ 4 door (10/84-7/87)	5078	
1986	w/ 2 door (8/85-12/86)	5083	
1984-1987	SR5 or coupe		820
1984-1987	w/ 12mm inner tie rod threads		844

		POWER	MANUAL
1984-1987	w/ 14mm inner tie rod threads		845
1987-1988	FX	6436	
1988-1992	sedan or station wagon	5116	856
	2 door GTS	5119	856
	2 door non GTS	5120	856
1993-1997	made in America (All other VIN codes)	5173	857
	made in Japan (First two digits of VIN # JT)	585	857
1998-2002		5173	
2003-2008		25856	
2009-2013	made in America (All other VIN codes)		30380
	made in Japan (First two digits of VIN # JT)		30381
2014-2015			60028
CRESSIDA			
1985-1988		5084	
1989-1992		5132	
ECHO			
2000-2002		25599	8025
2003-2004		25901	8025
FJ CRUISER			
2007-2014		25919	
HIGHLANDER			
2001-2003		25654	
2004-2007	non Hybrid	25963	
	Hybrid	CFA Electric	
2008-2013	All including Hybrid		30342
2014-2015			60040
LAND CRUISER			
1998-2002		25485	
2003-2007		25902	
2008-2015		30326	
MATRIX			
2003-2008	w/ AWD	2013	
	w/ FWD	2012	
2009-2013	w/ AWD		30382
	FWD non XRS		30380
	FWD XRS		30383
MR2			
1985-11/89			881
12/89-1/92		774	888
2/92-1996		774	898
2000-2005		25602	
PASEO			
1991-1999		742	

PREVIA			
1991-1996	w/o supercharger	726	
1994-1996	w/ supercharger	526	
1997		526	
PRIUS			
2001-2003		CFA Electric	
2004-2009			25986
2010-2011	w/ 17" wheels		30474
	w/o 17" wheels		30475
2012-2015	C Series w/ 15" wheels		30628
	C Series w/ 16" wheels		30630
	V Series w/ 16" wheels		30632
	V Series w/ 17" wheels		30631
	Non C or V Series w/ 17" wheels		30474
	Non C or V Series w/o 17" wheels		30475
RAV4			
1996-2000		592	
2001-2003		25658	
2004-2005		26464	
2006-2012	4 cylinder Sport or 6 cylinder		30138
	4 cylinder non Sport		30139
2013-2015	Gasoline LE & XLE		60003
	Gasoline Limited		60004
	Electric (EV)		30139
SEQUOIA			
2001-2007		25544	
2008-2015		30270	
SIENNA			
1998-1/00		25488	
2/00-2003		25651	
2004-2010		25935	
2011-2015	4 cylinder		30588
	6 cylinder FWD		30587
	6 cylinder AWD		30588
SOLARA			
1999-2003		25444	
2004-2008		25693	
STARLET			
1981-1984		5121	867
SUPRA			
8/81-12/85		5085	
1/86-7/88		5086	
8/88-5/93	w/o turbo	5174	
	w/ turbo	5122	
6/93-1998	EVO sensor	537	

T100			
1993-1998	w/ RWD	5187	
TACOMA 4X2			
1995-5/97		548	894
6/97-2004	Except Prerunner	25500	894
	Prerunner	549	
2005-2011	Except Prerunner	26513	
	Prerunner	26514	
2012-2015	Except Prerunner	26513	
	Prerunner	59945	
TACOMA 4X4			
1995-2004		549	
2005-2011		26514	
2012-2015		59945	
TERCEL			
8/82-1/88		5087	
2/88-1990		5123	
1991-1999		5167	
1980-1982			846
1983-1986	& wagon to 1987		858
1987-1990			868
1991-1998			895
TUNDRA			
2000-2006		25914	
2007-2013		30270	
2014-2015		60035	
VENZA			
2009-2015			30426
YARIS			
2006-2011			30132
2012-2015	Sedan		30132
	Hatchback L & LE		30628
	Hatchback SE		30630

VOLKSWAGEN

BEETLE / SUPER BEETLE			
1975-1979	Manual rack		861
1998-2005		25576	
2006-2007	w/o sports suspension	25576	
	w/ sports suspension	26477	
2008-2010	w/o sports suspension (2.5L)	30298	
	w/ sports suspension (2.5L)	30289	
2012-2015	w/ electric power steering	CFA Electric	
	w/ hydraulic power steering	30604	

CABRIO			
1995-2002	Auto Trans, 22 spline pinion, TRW gear (2 piece steel/aluminum)	788	988
	Auto Trans, 22 spline pinion, ZF gear (1 piece all aluminum)	788ZF	988
1995-2002	Manual Trans, 22 spline pinion, TRW gear (2 piece steel/aluminum)	788M	988M
	Manual Trans, 22 spline pinion, ZF gear (1 piece all aluminum)	788ZM	988M
CABRIOLET			
1985-1993	w/ manual trans	5090	836
	w/ automatic trans	5091	919
	w/ manual trans & solid mounts		890
	w/ automatic trans & solid mounts		890A
CC			
2009-2012	electric power steering	CFA Electric	
CORRADO			
1985-1988		5092	835
1989-2/92	36 spline pinion shaft TRW gear (2 piece steel/aluminum)	5092	835
	36 spline pinion shaft ZF gear (1 piece all aluminum)	5092ZF	835
3/92-1995	Auto Trans, 22 spline pinion, TRW gear (2 piece steel/aluminum)	788	
	Auto Trans, 22 spline pinion, ZF gear (1 piece all aluminum)	788ZF	
	Manual Trans, 22 spline pinion, TRW gear (2 piece steel/aluminum)	788M	
	Manual Trans, 22 spline pinion, ZF gear (1 piece all aluminum)	788ZM	
EOS			
2007-2010	EPS - (Verify High voltage leads enter motor from pass side)	CFA Electric	
	EPS - (Verify High voltage leads enter motor from driver side)	CFA Electric	
2011-2015	EPS - (Verify High voltage leads enter motor from driver side)	CFA Electric	
EUROVAN			
1992-2003		560	
FOX			
1987-1993			821
GOLF			
1985-1988		5092	835
1989-2/92	36 spline pinion shaft TRW gear (2 piece steel/aluminum)	5092	
	36 spline pinion shaft ZF gear (1 piece all aluminum)	5092ZF	835
3/92-1998	Auto Trans, 22 spline pinion, TRW gear (2 piece steel/aluminum)	788	835
	Auto Trans, 22 spline pinion, ZF gear (1 piece all aluminum)	788ZF	
	Manual Trans, 22 spline pinion, TRW gear (2 piece steel/aluminum)	788M	988
	Manual Trans, 22 spline pinion, ZF gear (1 piece all aluminum)	788ZFM	988
3/92-1998	Convertible thru VIN 806130 TRW gear (2 piece steel/aluminum)	788M	
	Convertible thru VIN 806130 ZF gear (1 piece all aluminum)	788ZFM	988M
	Convertible from VIN 806131	25576	988M
1999	Hatchback thru 8/98 - TRW gear (2 piece steel/aluminum)	788M	
	Hatchback thru 8/98 - ZF gear (1 piece all aluminum)	788ZFM	988M
	Hatchback from 9/98	25576	
2000-2003		25576	
2004-2007	R32	26477	
	non R32	25576	

		POWER	MANUAL
2006-2009	EPS - (Verify High voltage leads enter motor from pass side)	CFA Electric	
	EPS - (Verify High voltage leads enter motor from driver side)	CFA Electric	
2010-2014	EPS - (Verify High voltage leads enter motor from driver side)	CFA Electric	
JETTA / PICK-UP / RABBIT			
1982-1984	w/ manual trans	5090	
	w/ automatic trans	5091	
1985-1988		5092	835
1989-2/92	36 spline pinion shaft TRW gear (2 piece steel/aluminum)	5092	835
	36 spline pinion shaft ZF gear (1 piece all aluminum)	5092ZF	835
3/92-8/98	Auto Trans, 22 spline pinion, TRW gear (2 piece steel/aluminum)	788	988
	Auto Trans, 22 spline pinion, ZF gear (1 piece all aluminum)	788ZF	988
	Manual Trans, 22 spline pinion, TRW gear (2 piece steel/aluminum)	788M	988M
	Manual Trans, 22 spline pinion, ZF gear (1 piece all aluminum)	788ZFM	988M
9/98-2004		25576	
2005	8th digit of VIN "J" or "M"	25576	
	8th digit of VIN "K" electric power steering	CFA Electric	
2006-2010	EPS - (Verify High voltage leads enter motor from pass side)	CFA Electric	
	EPS - (Verify High voltage leads enter motor from driver side)	CFA Electric	
2011-2014	2.0L w/ hydraulic power assisted rack	30518	
	1.4L & 2.0L w/ EPS	CFA Electric	
	2.5L w/ hydraulic power assisted rack	30518	
2015-2016	Sedan Hybrid SEL 1.4L	CFA Electric	
PASSAT			
1990-2/92	36 spline pinion shaft TRW gear (2 piece steel/aluminum)	5125	
	36 spline pinion shaft ZF gear (1 piece all aluminum)	5125ZF	
3/92-1997	22 spline pinion shaft TRW gear (2 piece steel/aluminum)	792	
	22 spline pinion shaft ZF gear (1 piece all aluminum)	792ZF	
1998-1999		815	
2000-2005		816	
2006-2008	EPS w/ 4 cyl (Verify High voltage leads enter motor from pass side)	CFA Electric	
	EPS w/ 4 cyl (Verify High voltage leads enter motor from pass side)	CFA Electric	
	EPS w/ 6 cyl (Verify High voltage leads enter motor from pass side)	CFA Electric	
2009-2010	w/ electric power steering	CFA Electric	
2012-2015	w/ electric power steering	CFA Electric	
	w/ hydraulic power steering	30604	
PHAETON			
2004-2006		26489	
RIALTA			
1993-1999		559	
ROUTAN			
2009-2013		30439	
TOUAREG			
2004-2008	w/o Servotronic	26493	
	w/ Servotronic	30137	

		POWER	MANUAL
2011-2016	3.0L Gas (Hybrid)	30570	
	3.0L Diesel	30571	
	3.6L	30572	
VANAGON			
1980-1992	w/ 2 wheel drive	5094	

VOLVO

30 SERIES			
2007		26508	
2008-2009	w/ 18" tires	30162	
	w/o 18" tires	26508	
2010	Sport and R Design	30598	
	Except Sport and R Design	26508	
2011-2013	Sport and R Design	30599	
	Except Sport and R Design	26508	
40 SERIES			
2000		25590	
2001-2003		25706	
2004	4 cylinder	25706	
	5 cylinder - AWD	30163	
	5 cylinder - FWD	26508	
2005-2010	5 cylinder - AWD	30163	
	5 cylinder - FWD	26508	
2011	w/ FWD	26508	
50 SERIES			
2005-2010	w/ AWD	30163	
	w/ FWD	26508	
2011	w/ FWD	26508	
60 SERIES			
2001-2003	w/ variable assist	25638	
	Koyo gear (2 piece steel/aluminum) w/o variable assist	25640	
	ZF gear (1 piece all aluminum) w/o vari assist - threaded pump lines	25632	
	ZF gear (1 piece all aluminum) w/o vari assist - pushin pump lines	30174	
2004	w/ variable assist - threaded pump lines	26533	
	w/ variable assist - pushin pump lines	30172	
	w/o variable assist - threaded pump lines	26532	
	w/o variable assist - pushin pump lines	30174	
2005-2008	w/ variable assist	30172	
	w/o variable assist	30174	
2009-2010	Sedan w/o variable assist pushin	30174	
	Sedan w/ variable assist pushin	30172	
	Station wagon w/ AWD & w/o variable assist	30396	
	Station wagon w/ AWD & w/ variable assist	30395	

		POWER	MANUAL
2011-2015	S60 w/ variable assist	30577	
	S60 w/ variable assist 205 or 215 series tires	30578	
	S60 w/ variable assist 235 series tires	30579	
	XC60 w/ variable assist	30584	
	XC60 w/ variable assist R design	30586	
	XC60 w/o variable assist exc. R design	30396	
70 SERIES			
1998-2000	w/ AWD	25495	
	w/ FWD	25496	
2001-2003	FWD Coupe or convertible	25496	
	FWD SW w/ variable assist	25638	
	FWD SW w/o variable assist	25640	
	FWD SW w/o vari assist ZF gear (1 pc all alum) threaded pump lines	25632	
	FWD SW w/o vari assist ZF gear (1 pc all alum) pushin pump lines	30174	
	AWD SW w/o variable assist	25638	
	AWD SW w/o vari assist Koyo gear (2 piece steel/aluminum)	25641	
	AWD SW w/o vari assist ZF gear (1 pc all alum) threaded pump lines	25943	
	AWD SW w/o vari assist ZF gear (1 pc all alum) pushin pump lines	26459	
2004	FWD Convertible	25496	
	FWD Station Wagon w/ variable assist - threaded pump lines	26533	
	FWD Station Wagon w/ variable assist - pushin pump lines	30172	
	FWD Station Wagon w/o variable assist - threaded pump lines	26532	
	FWD Station Wagon w/o variable assist - pushin pump lines	30174	
	AWD R model w/ pushin pump lines	30172	
	AWD non R model w/o variable assist - threaded pump lines	25943	
2005	FWD w/o variable assist	30174	
	FWD w/ variable assist	30172	
	AWD R model	30172	
	AWD R model w/o variable assist	26459	
	AWD R model w/ variable assist	26458	
2006-2007	Convertible	26508	
	FWD Station Wagon w/ variable assist	30172	
	FWD Station Wagon w/o variable assist	30174	
	AWD Station Wagon R model	30172	
	AWD Station Wagon XC model w/ variable assist	26458	
	AWD Station Wagon XC model w/o variable assist	26459	
	AWD Station Wagon non XC model w/ variable assist	30172	
	AWD Station Wagon non XC model w/o variable assist	30174	
2008-2010	Convertible	26508	
	Station Wagon XC model w/ variable assist	30362	
	Station Wagon XC model w/o variable assist	30363	
	Station Wagon non XC model w/ variable assist 40 Series tires	30221	
	Station Wagon non XC model w/ variable assist 60 Series tires	30314	
	Station Wagon non XC model w/o variable assist 40 Series tires	30315	

		POWER	MANUAL
	Station Wagon non XC model w/o variable assist 60 Series tires	30227	
2011-2013	C70	26508	
2011-2014	XC70 w/ variable assist	30592	
	XC70 w/o variable assist	30593	
80 SERIES			
1999	w/ variable assist	25545	
	w/o variable assist Koyo gear (2 piece steel/aluminum)	25952	
	w/o variable assist ZF gear (1 piece all alum) - threaded pump lines	26532	
	w/o variable assist ZF gear (1 piece all alum) - pushin pump lines	30174	
2000-2003	w/ variable assist Koyo gear	25638	
	w/o variable assist Koyo gear (2 piece steel/aluminum)	25640	
	w/o variable assist ZF gear (1 piece all alum) - threaded pump lines	26532	
	w/o variable assist ZF gear (1 piece all alum) - pushin pump lines	30174	
2004	w/ variable assist - threaded pump lines	26533	
	w/ variable assist - pushin pump lines	30172	
	w/o variable assist - threaded pump lines	26532	
	w/o variable assist - pushin pump lines	30174	
2005-2006	w/ variable assist	30172	
	w/o variable assist	30174	
2007	w/ variable assist AWD	30221	
	w/ variable assist FWD	30222	
	w/o variable assist 5 Cyl (turbo) 40 - 45 Series tires	30223	
	w/o variable assist 5 Cyl (turbo) 50 - 55 - 60 Series tires	30227	
	w/o variable assist 6 Cyl (turbo) 40 - 45 Series tires	30226	
	w/o variable assist 6 Cyl (turbo) 50 - 55 - 60 Series tires	30227	
	w/o variable assist 8 Cyl (turbo) 40 - 45 Series tires	30223	
	w/o variable assist 8 Cyl (turbo) 50 - 55 - 60 Series tires	30225	
2008-2010	w/ variable assist AWD	30221	
	w/ variable assist FWD	30314	
	w/o variable assist 6 Cyl (turbo) 40 - 45 Series tires	30315	
	w/o variable assist 6 Cyl (turbo) 50 - 55 - 60 Series tires	30227	
	w/o variable assist 8 Cyl (turbo) 40 - 45 Series tires	30223	
	w/o variable assist 8 Cyl (turbo) 50 - 55 - 60 Series tires	30225	
2011-2014	w/ variable assist 6 Cyl (turbo) 40 - 45 Series tires	30608	
	w/ variable assist 6 Cyl (turbo) 50 - 55 - 60 Series tires	30592	
	w/o variable assist 8 Cyl (turbo) 40 - 45 Series tires	30609	
	w/o variable assist 8 Cyl (turbo) 50 - 55 - 60 Series tires	30593	
240 / 260 SERIES			
1975-1978	w/ 1 U Bolt & 2 Bolts mounting hardware	5095	
1979-1986	w/ manual steering	CFA	
1979-1993	w/ U Bolt mounting hardware on driver side & pass side	5096	
	w/ 2 Bolt mounting on driver side & casting on pass side of rack	5098	
	w/ 2 Bolt mt on driver side & no cast on end of tube pass side	5098ZF	

700 SERIES / 900 SERIES			
1983-1992		5100	
850 SERIES			
1993-1997	w/ FWD	5188	
	w/ AWD	25495	
940 SERIES			
1993-1995	w/ TRW/Cam gear	5100	
	w/ Koyo gear	517	
960 SERIES			
1993-1994		5100	
1995-1997		518	
XC90			
2003-2004	w/ variable assist - threaded pump lines	25942	
	w/ variable assist - pushin pump lines	26458	
	w/o variable assist - threaded pump lines	25943	
	w/o variable assist - pushin pump lines	26459	
2005-2006	w/ variable assist	26458	
	w/o variable assist	26459	
2007	5 cyl or 8 cyl w/ variable assist	26458	
	5 cyl or 8 cyl w/o variable assist	26459	
	6 cyl w/ variable assist	30239	
	6 cyl w/o variable assist	30240	
2008-2014	6 cyl or 8 cyl w/ variable assist	30355	
	6 cyl or 8 cyl w/o variable assist	30359	
	8 cyl w/ variable assist	30358	
	8 cyl w/o variable assist	30360	

VOLVO NOTE:

26532	w/o sensor	43" threaded ports
26533	w/ sensor	
30172	w/ sensor	43" push-on ports
30174	w/o sensor	
25942	w/ sensor	44" threaded ports
25943	w/o sensor	
26458	w/ sensor	44" push-on ports
26459	w/o sensor	