

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
ALFA ROMEO				
All Models (except as listed)	1964-85	350	352	452
Alfasud (All models) Alfa 33 (All models)	1974-92		355	455
Alfa 75,90 (All models)	1985-on	355	357	457
Alfetta	1974-82		355	455
Brera/Nuova Spider	2006-	355	357	475
GTV, Quadrafoglio, Station Wagon, GT 2.0L	1976-on	355		455
GTV, 166, GT 3.2 (2004), GTV JTS,	2000-	357	383	457, 483
GTV V6	1999-2004	355	357	455
GTV V6 (in boot)	2004-	357	383	483
Guilietta	1983-on		355	455
	2011-			461
Mito 1.4 Petrol	2009-			435, 435T
Romeo Brera	2006-			475T
Zagatto Sprint, Spider, Sportiva	All	355	357	457
145,146, 156, 166,	1994-on	355	357	457
145 2.0 Twin spark, 147, 147Ti, Selespeed, MY, 147GTA, GT 2.0L	2001-on 2003-on	355		455
155 V6, 156 V6, 156 JTS, JTS Selespeed, Ti, V6	1992-on	357		457
155 1.7,1.8, 2.0: 156, 2.0, 2.5, 3.2 (2003-5)	1999-on, 2003-5	355	357	455, 457
159	2006-on			475
164 3.0L. GTV, GTV6	1989-92	351	353	453
166, 166 3.0L V6	1999-on, 2003	357	383	483T
ASTON MARTIN				
All Models	1957-88		382	482
DB7, Vanquish, DB9 Vantage	2001-on	383		483T, 483
ASIA				
Ceres Rocsta	1992-93	351	353	453
Ceres Diesel	1994-on		382	482
Rocsta	1994-on	359		459
AUDI				
All Models	1967-73	351	353	453
Estate, 100, 200Turbo, 200T	1982-91		355	455
Fox 80, 80S, 80 Quattro, GL, GLS	1974-89		355	455
Quattro V8, 80 2.0E, 2.3E, 2.8E, A3	1990-on	355	357	457
A3 Hatchback, 1.8 Turbo, Quattro	2001-on			
90 Series, Fox, 100GL, LS, 200T,	1974-89		355	455, 435
5E, 100CD	1974-89		355	455, 435
5+5, 701	1979-83	357		457
80 4Cyl	1994-on	355		455
80 6Cyl, 100 6Cyl, 2.6 Cabriolet, A8,	1994-on	357		457
A3 1.6, 1.8. A3 Sportback (2004), 1.4T	2001-on		355	461
A3-2.0T	2008-on		357	457T
A3 Diesel	2009-			AGM Battery - AGML5
A4 1.8, S2, S4,	1995-on	355		455, 461
A4 1.8 Turbo,S8, Quattro V8 Sedan	1995-on	357		457
A4 Cabriolet	2003-on			457T, 475T
A4 1.8L, 2.4L, Sedan 3.0, Multitronic, Tiptronic	2001 on			475, 475T
Allroad 2.7T, S4 Sedan, S6 Avant	2002-on			
A5 Coupe	2007-	383		483
A6 2.4 Tiptronic, 2.8 V6 Quattro,	2000-on	357		457, 457T

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
A6 – A8 4.2 Quattro Tiptronic	1996-on	383		483, 483T
S6 Avant 4.2, A8, S8 4.2	2002-3			
Audi 1.8T and 3.0 Cabriolet	2004-on			
A8 3.7, A8 4.2				457, 457T
A8	2004-			483, 483T
A1 1.4 Petrol	2010-			AGM Battery - AGM80L4
S3, S4, TT Coupe/Quattro	1993-on	355		455, 457T
Q5 Quattro TDi Diesel	2010-			AGM Battery - AGM80L4
Q5 Diesel	2009-			AGM Battery - AGM80L4
Q7	2006-			483T
RS4	2001-2001			457T, 483T
RS6				475, 483
S4, S8,	2000-on	357		457, 457T, 483
S4 Sedan 2.7 Quattro S6 Avant 2.7	2002-on			475, 483
TT 1.8 Quattro, Roadster	2001-2004	357		475
TDi Diesel	2005-			475T
90, 90 Quattro	1987-1991	355		455
100, 100 Quattro	1990-1994	355		455
AUSTIN				
A50, A55, A60, A90, A95, A105	1952-67	350	352	452
Lancer, Cambridge, Freeway	1952-67	350	352	452
A99, A110, Westminster, 3Lt Princess, MKIV	1959-72		382	482
1800 Generator Model	1965-70	339		
1800 Alternator Model, Kimberley, Tasman	1965-73	340		

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
BELLETT				
All Models	1964-65	342		434
BENTLEY				
All Models	1947-89, 90-on		382	482
Arnage T	2002-on	357		457
Continental GT	2003-on	383		483
BMW				
All 6 volt models	1962-67	303		
2000, 2002, 2500, 2800, 3.0 Lt, 3.3 Lt	1967-78	355		455
116i, 118i, 125i, 130i	2004-on	355		455
120d, 135i	2004-on			457
318, 320 4Cyl, (under bonnet)	1976-94	355		455
3 Series sedan 316Ti, 318i, 318Ti	2001-on			
3 Series 330i, 330Ci E46, 323Ci, 325Ci, 320, 328Ci	2004-			475, 475T
3 Series (in boot)	1991-on	357		457
3 Series: 316i, 320i, 320Ci, 325i, 325Ti, 330i	2001-			
330Ci, 335i,	2001-			
3 Series: 316ti, 318i, sport E46	2004-			457T
335i	2006-			457T
3 Series (under bonnet)	1991-on	355		455
5 series, Exec sport, 525i, 530i, 540i	2001-on	357		457
Convertible, 3.0i, Steptronic, M633Csi				
5 & 7 Series 6Cyl (under bonnet)	1976-94	357		457
5 & 7 Series (under seat), 8 series, exec sport	1987-on	383		483
3.0i, 4.4i, 4.6iS, M635Csi, 530i, 550i, 545i	2001-on			
535i V8, 540i V8, X5 3.0i, 4.4i, 4.6i, 530D	2001-on			483T
645Ci, 650i	2004-on			
7 Series, 735i, 735Li, 745i, 745Li, 750, 740c, 760c	2005-on			
M5 V8, X5	2001-on			483T
540	2003-			AGM Battery - AGML5
6 series, 633 CSI, 635 CSI	1978-88	357		457
746, 760	2004-			AGM Battery - AGML5
760Li	2003-on			483
8 Series, 840, 850 Series	1990-on	357x2		457x2, 483x2
M3, M3 Coupe	2001-on	357		457, 483
X3, X5, X6	2004-on		383	475, 483, 483T
X3 2.5 SI	2008-			456
Z3, Z4	2003-on	357		457, 461
BUICK				
All Models	1947-89		382	482
All Models	1990-on		364	464B

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
CADILLAC				
All Models	1956-89		364	464B
All Models	1990-on		382	482
CHERY				
J1 Petrol	2011-			461
J11 Petrol	2011-		350	450
CHEVROLET				
All Models	1956-91	364	382	464B
CHRYSLER				
300C	2005-		357	457, 475, 483T
	2010-			475
300c Diesel	2007-	383		483T
Centura 4Cyl	1975-79	339		
Centura 6Cyl, Chrysler	1965-75-79	351	353	453
Crossfire	2003-on	357	383	457, 457T
Galant, Lancer	1971-80	340		
Neon - Check hold down	1997-99			456
Neon	2000-on			435
PT Cruiser	2000-on	355		435, 455
	2004-5	365		
Prowler	2002-on	US Battery		462
Sebring	2007-	350	352	452, 462
Voyager	1998-2001			456
Viper	1997-on			456
Voyager MPV SE, LWB RG	2001-on	US Battery		462
CITROEN				
AXGT5	1990-94	357		457
BX1	1986-90	351	353	453
BX16TRX, BX19GT, All BX Models	1986-on	357	383	457, 483
Berlingo, 1.1i, 1.4i, 1.8i, 4WD	2000-on	355		455, 435
Berlingo 1.8D, 1.9D, 2.0	2002-on		357	457
Berlingo 1.4	2007-			461
CX2200, CX2400	1976-83	351	353	453
CX2500IE, CX Pallas	1984-85	355		455
C2, C31.1i, 1.4i, LX, 1.6i, 16V	2003-on		355	455, 435
C3, 1.4Hdi, Pluriel	2003-on	355	357	455, 457
C4	2009-			457T
C5 1.8i/2.0 HDi, SX 3.0, V6	2001-on		357	455, 457
C5 3.0 V6/2.0, HDi/2.2 C8 2.0i, 2.2	2001-on		357	457
C6	2009-on	357		457
C8 3.0 V6, 2.0 Hdi, 2.2 Hdi	2002-on			475
Diesel Models	1976-88	357	383	457, 483
Dispatch	2009-on	357		457
Estate Diesel	2005-		357	457
GS, GS Club, GS Pallas	1972-78		355	455
GS 1200, 1220	1972-78		355	455
Pluriel	2005-on		355	435, 455
XM V6	1990-94		355	455
Xantia, XM hatch	1994-98	355	357	457
Xsara 5 dr hatch,	1998-2001		355	455
Xsara Coupe VTR 1.6, VTS 2.0	2001-on			435
Xsara Estate 1.6i, 2.0Hdi, Picasso	2000-	6		455, 457

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
DAEWOO (see GM Daewoo)				
DAIHATSU				
All Petrol Models	1966-87	328	332	428
Applause	1990-94	328	332	428
	1994-on	327	331	431
Charade, Charade Centro	1991-96-	327	331	431
Copen	2003-on	327		427
Cuore	2000-on	327	331	431
Feroza 4WD, Rocky Petrol	1983-on	328	332	428
Feroza 4WD, Rocky, Scat Diesel	1983-on			490
Hijet Van	1983-85	328	332	428
Max S38, S40, S80	1971-75	305		405
Mira	1990-94	328	332	428
Mira, Move	1994-on	327	331	431
Scat Petrol	1982-83	328	332	428
Sirion	1998-2000	327	331	431
Terios, Pysar, YRV, 4WD	1998-on	327	331	431
Terios DX, Cuore, Sirion	2001-	329	329	429
TRV, YRV	2003-on	327		427
DAIMLER				
All Models	1953-79		364	464B
Daimler 3.6, Double 6	1987-on		382	482
Daimler 4.0	1990-on		382	482
Sovereign	1970-92		364	464B
DATSUN (REFER NISSAN)				
DODGE				
All Models	1958-72		364	464B
Caliber 1.8, 2.0L	2006-on			456, 462
Nitro, Avenger	2007-		US Battery	462
DETOMASO				
All Models	1980-87	364	382	464B

APPLICATION CHART
PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
EUNOS				
30X V6,	1993-on		359	459
300, 500	1992-on			459B
800	1994-6		364	464B

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
FERRARI				
All Models	1965-93		364	464B
F430, 575, 612	2005- on			
Ducato	2006-		383	483
360 Spider	1999-on	352		452
456MGA/GTA, 512, 512.i, F355, Mondial, Testarossa		355	357	457T
550 Maranello 5.5	1997-on	357	383	457, 483
575M Maranello, Challenge Stardale	2003-on	357		457
Punto all models	2006-		355	455
Enzo	2002-on	Special OEM		
FIAT				
100, 124, 125, 127, 128, 130, 131, 132	1958-82	350	352	452
500 1.2, 1.4	2006-on			435, 455, 455T
850, 850S, 855, 1100, 1500, 1800, 2100, 2300	1958-82	350	352	452
Argenta	1983-85	350	352	452
Chroma	1988-89		355	455
Ducato	2004-2006		357	457
	2006-on		383	483
Regata 85S, 100S, Ritmo	1984-92		355	455
Scudo	2007-on	357		457
Strada, Stracki	1987-89		355	455
Super Brava Mk11, Mk111	1981-85	350	352	452
Panda	2003-on			
Punto	2006-on			435
	2008-	355		455
Ritmo	2008-	355		455, 461
Uno	1983-on		355	455
X1.9	1978-83	350	352	452
FORD				
Bronco	1981-89	351	353	453
Capri	1960-72	339		
	1989-92	329		429
	1992-94		359	459
Capri GT3000 V6, RS3100 V6	1970-74	351	353	453
Corsair	1989-91	351	353	453
Cortina 4Cyl	1962-74	339		
Cortina 4Cyl Cortina 6cyl	1975-82	351	353	453
Cougar Coupe	2000-on	357		457
Courier Petrol	1986-94	351	353	453
	1995-2005			458
Courier Diesel	1986-on		382	482
Courier V6	2004-	355		455
Courier Petrol	2006-on			
Econovan Maxi Petrol	1985-87	327		427
Econovan Maxi Diesel	1985-87		382	482
Econovan Maxi	1997-98	329		429
Econovan JG Petrol	1997-8	328		428
Escort	1965-78	339	351 (1975-79)	
Escape	2001-0n	359	Some 363	459
Explorer, Expedition				65D
F100, F150, F250	1974-94	351	353	453
F250, F350, F250 5.41 V8	2003-on		1 OR 2	65D

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Fairlane, Fairmont, Falcon, Futura	1972-91	351	353	453
Fairlane, Fairmont EB, ED	1991-94	351EB	353EB	453EB
Falcon, Futura EB, ED	1991-94	351EB	353EB	453EB
Fairlane NF, Fairmont EF, EL	1994-on	350EF	353EF	452EF
Falcon, Futura EF, EL, XT	1994-on	350EF	352EF	452EF
Falcon, Fairmont, Fairlaine, AU, AUII, BA, BF, XR6, XR8, FG, FPV	1998-on	350EF	352EF	452EF
Festiva	1991-93	329		429
Festiva, XR4, Trio, GLI	1994-on		359	459
Fiesta LX, Ghia, Zetec WP	2004-			435
FG	2008-	350EF	352EF	452
Focus 2L	2002-on	355		455
Focus ST170, STI170, XR5	2002-on	357		457
FPV GT, GT-P, Pursuit	2003-on		352EF	452EF
KA	2000-0n		355	455, 435
LTD, Landau	1972-91	351	353	453
LTD	1991-94	351EB	353EB	453EB
	1994-on	350EF	352EF	452EF
Laser KA-KF,	1981-92	329		429
Laser KH, KJ, , KL, KN, LXI, Liata,	1992-on		359	459
Laser Lynx Sport, Hatch, GLX, KQ	1996-0n	365	359	459
Maverick Petrol	1989-93		363	463B
Maverick Diesel	1989-93	381		481
Meteor	1982-87	329		429
Mondeo 1.8Lt, 2.0Lt	1995-on	355		455
Mondeo V6	2000-		357	457
Mondeo V6 Diesel	2010-			475
Mustang	1963-87	351	453	453
Mustang Cobra	2001-on	350	352	452
Mustang 87-on, Probe	1995-on			461
Puma				435
Raider 4X4	1991-96	364		464B
Ranger XL	2007-	382	382	482
Ranger 3.2Lt Diesel	2012-		357	457, 457T
Sierra	1984-on	351	353	453
Spectron Petrol	1983-94	328	332	428
Spectron Diesel	1983-94		382	482
Taurus (Modify hold-down)	1996-on			461
Telstar 4 Cyl	1983-90	329		429
Telstar TX5 6 Cyl	1991-on		359	459
Territory TX, TS, Ghia	2003-on	350EF or 350	452	452EF or 452
Territory Diesel	2011-			457T
Trader D409	1997-		364	464B
Transit Van 6 Cyl	1973-81	351	353	453
Transit Van 2.5Lt Diesel	1994-on	355	357	455, 457
Transit Van	1996-on	355x2	357 x 2	455 x2, 457 x 2
Transit Van (Diesel. Under driver's seat)	2004-			475
Zetec	2004-	357		457

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
GM DAEWOO				
All Models 94-97, 1.5i	1994-on	351	353	453
Cielo GL/GLX, Espero sedan, Ceros	1995-98-on	357		457
Kalos	2003-	350	352	452
Matiz M150 2002	1999 -on		330	430
Nubira , Lanos	1997-on			452
Lanos Sports,	2001-	350	352	452
Leganza	1997-on	350	352	452
Ssangyong Musso Korando/Tacuma	1997-on	364	382	464B
GREAT WALL				
V240 Ute	2009 -on	359		459
SA220 Ute	2009 -on	359		459
VX240	2009 -on	359	363	463B, 459

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
HOLDEN				
All 6 Volt Models	1948-56	303	812	
All Models	1956-80	350	352	452
Adventura CX8, LX8	2003-	351	353	453
Apollo	1989-92	329		429
	1992-97		359	459
Astra	1984-89	329		429
Astra 1.6Lt, 1.8Lt	1996-2000	355		455
Astra	2001-on	357		457
Avalanche	2004-on	351	353	453
Barina	1985-94	328	332	428
Barina, Cabrio, City, Gsi, TRII	1994-on	355		455
Barina SRI, XC	2001-on	357		457
Barina 1.6L	2005-on	350EF	352EF	452EF
Barina Spark 1.2 Petrol	2010-			435T
Berlina	1997-2003	350	350EF	452EF
Berlina VZ	2004-	351	353	453
Calibra	1991-95	355		455
Camira SLE	1983-86	350	352	452
Camira SL, SLX	1983-86	328		428
Camira SL, SLX, SLE	1987-89	350	352	452
Captive Petrol	2006-	special	Check dealer	Try 456
	2011-on			457T
Captive Diesel	2006-10			476T
	2011-			483T
City	1996-on	355		455
Colorado Diesel	2008-on	381		481
Colorado Petrol	2008-on	363		463B or 464B
Combo Van	1996-on	355		455
Commodore 4Cyl, 6Cyl, 8Cyl, Calais, Caprice	1980-97	350	352	452
Commodore S, VT, Calais, Caprice, Commodore VX, VY, VZ, Phantom SS ute, SV8,	1998-on	351	353	459B
	9/00-on			453 or 461 under bonnet
Commodore/Calais/ Caprice/ V6, V8. VE	2006-8-on	355B		461, 459B, 457T
Coupe	2003-on	351	353	453
Cruze AWD	2002-on	330		428 + sheath
Cruze	2003-on	327		427
	2009-on	355	357	455, 457
	2009-on	355		455, 457
	2011-on			461
Cruze Diesel	2009-on			475T, 457T
Drover	1985-87	328	332	428
Epica	2007-	351	353	453/459B
Frontera Sport	1996-on	355		455
Frontera Sport V6	1999-on	359	363	463B
Gemini Petrol	1975-84	340		
Gemini Diesel	1975-84	350	352	452
Gemini	1985-87	328	332	428
Grange	2003-On	351	353	453 or 459B
Jackaroo Petrol	1982-92	340		
Jackaroo Diesel	1982-92		382	482
Jackaroo Petrol	1993-on		364	464B
Jackaroo Monterey	2001-on			458
Jackaroo Nullabor	2003-on	354		464B

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Monaro	2001	351	353EB	453EB
Monterey	2002-5		some 359	462
Nova	1989-95	339		
Omega		355		455
One Ton	2004-	351	353	453
Piazza	1986-87	350	352	452
Rodeo Petrol	1981-87	340		
	1988-95	350	352	452
	1996-on	359	363	463B
Rodeo V6 Petrol	1998-on		359	459 or 433
Rodeo Diesel	1981-95	364	382	482
Rodeo Diesel	1996-on		382	482
Rodeo 3.0L, 3.5L, 3.6 V6	2001-	381		481
Rodeo LX (V6 takes a 359)	2004-	341	331 + sheath	431 + sheath
Sandman Van	1974-79	350	352	452
Senator	2003-on	351	453	453 or 463B
Shuttle Petrol	1983-91	340		
Shuttle Diesel	1983-87		382	482
Statesman De Ville, Caprice	1971-85-97	350	352	452
Statesman, Caprice, SV6	1998-on	351	353	453 or 459B
Statesman – Holden Assist Intellematic	2005-	359		459
Suburban	1995 - 2005	350	352	452
SV6	2005-	351	353	453
Swing	1999-on	355		455
Tigra	2005-on	355	357	457
Torana 4Cyl	1974-79	339		
Torana 6Cyl, 8Cyl	1969-79	350	352	452
Ute, S Ute, SS Ute	2004-	350	352	452
Vectra Imported, 3.2 V6, CDX	1996-, 2003-	355	357	455, 457
Vectra Aust made, Equipe, V6 Inter	6/98-	351	351EB	459B
Viva 1.8L	2005-on	352EF	352EF	452EF
Zafira MPV	2001-on	357		457
HILLMAN				
Royal, Safari	1964-73	340		
Minx, Super Minx	1965-67	350	352	452
HONDA				
600, 1300, 20T, Life	1968-74	328	332	428
Accord, Scamp	1977-85	329		429
Accord, City, Scamp	1986-92	342		434
Accord	1993-94	332		432
Accord, Exi, Vti, Euro, V6 (2003-on)	1994-2002, 2005-		359	459
Accord 4 Cyl, EURO, Vti (2003-on)	1998-on	342		434
Accord 6 Cyl Vti	1998-2002	364		464B
Accord 2.4VTI	2008-on	341		433
Accord 3.5V6	2008-on	359		459
Civic	1973-95	328		428
Civic	1996-on	342		434
Civic VTi	2007		341	433
Civic Hybrid	2004-	327		427
Civic Type R	2007-on	341		433
Concerto	1989-92,	342		434
Concerto	1993-on	332		432

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
CRX	1989-92	342		434
CRX	1993-on	328		428
CRV 4X4	1998-2001	342		434
CRV	2003-on	341		433
HRV 1.6L, 4X4	1998-	341		433
Epica	2008-		364	464B
Euro	2008-	341		433
Insight Coupe	2001-on	328		428
Insight Hybrid	2010-			427
Integra 4Cyl	1986-94	342		434
Integra DOHC	1986-96		359	459
Integra, R	1996-2001	342		434
Integra	2002-on	341		433
Jazz (Note: Some 2003-8 take 329)	2002-on	327		427
Legend	1986-93-2006		363	463B
Legend 2007-	2008-	364		464B
MDX,	2004-on		some 363	464B
NSX V6	1990-on	363		463B
Odyssey	1996-on		359	459
Odyssey L4	2000-on	341	458 (V6)	433
Prelude, Prelude Si (97-2000)	1979-88	341		433
Prelude 4WS	1988-90		364	464B
Prelude Si, Si-SRS	1991-1997		359	459
Prelude VTiR, ATTS	1997-on	363		463B
Shuttle	1984-86	340		
S2000	1999-on	341		433
HUMMER				
Petrol & Diesel Models			Side terminal	454, 462
HUMBER				
Hawk, Snipe	1959-66		382	482
Vogue	1963-68	350	352	452
HYUNDAI				
Accent, GL, GLS, MC	2000-on	351	353	459B
Accent	2011-			465
Elantra GL, GLS (XD)	2000-on	351	353	459B- 463B
Excel	1986-87	328		428
Excel. GL, GLS,L,LS,GS	1988-95		351	433
Excel Sprint GX, GXL	1992-on	351	353	433
Elantra, Elantra HD				459B
Getz	2002-on		351	459B
Grandeur XG and TG	1999, 2006 on		363	463B
Grandeur	2008		357	457
H1	2008-		382	482
i20	2010-on			459B
i30 Petrol	2007-on			459B
i30 Diesel	2007-on			463B
iX35 Petrol 2.0	2010-on	351	353	459B
iX35 Petrol 2.4			364	464B
iX35 Diesel				482
i45 Diesel	2010-on	363		463B
iLoad Petrol	2008-		364	464B
iLoad Diesel				482
iMAX	2008-on		382	482

APPLICATION CHART
PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Lantra	1990-96	350	352	459B
Lantra	1996-on	351	353	459B
Lantra Petrol	2011-			461
Lavita 2001	Base hold down	351		459B
Santa Fe, CM, Diesel	1999-	base hold down	363	463B, 481
Sonata 2.0 Lt	1989-98	351	353	459B
Sonata 3.0 Lt	1993-98		364	464B
Sonata	1998-on	355	363	463B
Sonata EF 4 cyl: release Sep 2001	2001-on	351	353	459B
Sonata EF 6 cyl: NF 4 & 6 Cylinder, 3..3V6 NF	2001-on		363	463B
S Coupe SX,FX,SFX	1990-97-98-on	351	353	453
Sportswagon	1999-on	351	353	459B
Terracan	2001-on		364	464B
Terracan 2004 Diesel	2004-on			482 or 486
Tiburon, 6cyl, 4 cyl,	2002-on	355	363	463B
Trajet	2004-	355	363	463B
Tucson	2004-on	363		463B

APPLICATION CHART
PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
INTERNATIONAL				
Terra, Traveller, Traveltop, Scout 4X4	1978-81	350	352	452
ISUZU				
Bellett, Florian	1966-73	340		
Bellett	1964-65	328	332	428, 432
D-Max Diesel	2008-		381	481
Mu	1998-on	364		464B
IVECO				
Daily	2004-6	357		457

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
JAGUAR				
2.4, 3.4, 3.8 Lt, MkVII, MkVIII	1956-69		382	482
420S, 420G, Mk X, Mk XI	1966-71		382	482
E Type 6Cyl & 12 Cyl	1962-76	350	352	452
S-Type V6, V8,	2000-01		357	457
	2002-on		383	483
S-Type R	2002-05			483T
XF	2008-on	383		483, 483T
XJ	2003-on	355	357	457
XJ6, Sovereign, V6	1972-93	350	352	452
XJ40, Sovereign	1987-94		355	455
XJ6, XJR, XJ12 (in boot), XK8	1994-95	383		483
Sovereign, XJ300 (in boot)	1995-on		383	483
XJ6, XJ8 3.2, 4.0, Sport	2001-on			
XK Series, XK8, XKR	2001-on			
JEEP				
Most Models	1979-85	350	352	452
Cherokee, Grand Cherokee, Sports	1994-2006		350	452, 462
Cherokee, Grand, Larado 4x4 Overland	2011-on			AGM Battery - AGML5
Compass	2007-			462
CRD, Overland, Vision, Commander	2003-on		383	483
Grand Cherokee Laredo, 4.7L V8, SRT8	2000, 2004,6-on	357		457, 475 or 483T
Grand Voyager	2003-on			462
Neon (Modify Base Hold Down)	1996-on			462
Patriot	2007-			462
Renegade	All	350	352	452
Wrangler (Check Hold Down)	1996-on			462
JENSEN				
CV8, Interceptor	1963-78		364	464B
J-Healey Roadster	1973-76	340		

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
KARMANN GHIA				
Coupe 6 Volt	1960-68	303		
All 12 Volt	1968-70			435
KIA				
Carens	2001	355	PT48-24GL	455, 461
Carnival	1999-2006		363	463B
Carnival 2.2 CRDi Diesel	2011-			485
Cerato	2004-on	351	353	459B, 453
Cerato Hatch Petrol	2011-		359	459
Credos		355	PT48-24GL	455, 461
K2700 Truck	2003-4		382	482
K2700, K2900 Truck	2004-on		381	481
Magentis	2006- 2008-	351 363	353	459B, 453 463B
Mentor Series I	1996-on		PT40-23ER-MF	454
Mentor Series II (Shuma)	1996-on	355	PT48-24GL	455, 461
Optima	2001-		363	463B
Pregio	2002-		381	481
Rio	2000-		351, 353	459B, 453, 465
Rondo	2007-		353	459B. 453
Sorento	2003-on		364	464B
Sorento MY 08 Diesel	2008-			464B, 482
Spectra	2001-	355	PT48-24GL	455, 461
Sportage 4WD	1996-on		PT48-24HR-MF	434
Sportage Series II	1999-on		PT 48-24 GR	434
Sportage	2005 -on		363	463B
Sportage	2007-		353	459B, 453

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
LADA				
Cabriolet, Cevaro, Niva, Samara, Toro, Volante	1983-on	350	352	452
LAMBORGHINI				
All Models (except as listed)	1979-on	352	364	464B
Countach 5.2 Sports, Jalbs, Silhouette	All		355	457
Diablo, Murcielago	2002-			456
LANCIA				
Beta, Beta HPE, Beta 2000	1974-85		355	455
Gamma	1974-85	350	352	452
Thelma 2800 V6	1988-on		355	455
LANDROVER				
Diesel	1978-84	387		485
One Ten	1984-90	350x2	352x2	452x2
Petrol	1977-84		382	482
Defender Diesel	1992-2004	382	482	485
Defender TD5/130	2003-on	383		483, 483T
Discovery Petrol.	1991-96		364	464B
	1998-2004	-	-	485
Discovery Diesel	1992-96	364	364x2	464B
	1998 - on			485 or 486
Discovery series 3	2005-			475T
Discovery	2011-			483T
Freelander Petrol	1998-on	355		455
Freelander Diesel, Wagon SE, TD4, ES	1998-on	357		457
Range Rover Petrol	1974-83		382	482
Range Rover Petrol	1984-96		364	464B
Range Rover Petrol	1998-2002			485
Range Rover Diesel	1990-93		364x2	464Bx2
Range Rover	1994-95		382	482
Range Rover 4.0, 4.6L, TD5, TD6	1996-2004			485
Range Rover 75 Series	2000-on	357		357
Range Rover 3.0L T(Diesel), 4.4L Petrol	2003-		383	483, 475
LEYLAND				
Austin 1800, Kimberley, Marina, Tasman	All	340		
Mini, P76 (1973-75)	1959-71	350	352	452
Mini, Mini Clubman Mini K, Moke	1971-83	340		
Morris 1100, 1300, 1500	1964-72	340		
LEXUS				
ES300	1990-on	355		455
ES300 LXS	1996-on		359	459
ES430	2001-		357	457
GS300, GS430, GS450, GS460	1998-on	363	463B	463B
IS200	1999-on		359	459
IS250	2006-8	363	Some 364	403B
ISF, IS350F	2002-on	359	363	459, 463B
IS300 Sedan, Sports Luxury	2001-on	359	363	463B
LS400	1990-95	381		481
LS400	1996-on	357	Some 363	457
LS430	2000-06	364		464B
LSX400, LX470, LX570	1998-on	363	381	481
RX300, 330, RX 350, RX400	2004-on	359	363	463B
RX400h Hybrid	2006-on			433

APPLICATION CHART
PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
RX450h	2009-			AGM Battery - AGM55D23L
SC430	2002-on	357		457, 457T
LOTUS				
All models except Excel	1968-on	340		
Excel	1986-on		355	455
Elise, Elise III, S2	2000-3-on			435
Elise 111R Touring	2004-	357		457
Europa, Exiges	2007-	341		433, 435

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
MAHINDRA				
All Models	2007-		381	481
MASERATI				
All Models	1987-on	350	352	452
Granturismo	2007-			483
Spyder GT, Cambio, Corsa	2001-on		some 355	462
Quattroporte	2003-on	357		457
MAZDA				
121	1977-86	328		428
	1987-95	329		429
121 Revue	1996-on	341		433
121 Metro	1996-on	365	359	459
2	2003-on	329		429
3, Maxx, Neo, SP23, Petrol	2003-on	365	359	459
3 Diesel	2008-	381		481
3 Diesel	2010-on		363	463B
323	1980-85	329		429
	1985-89	327		427
	1989-91	329		429
	1994-96		359	459
323/Astina/Protégé	1996-on		359	459, 465
6, MPS	2002-on		359	459, 465
626	1978-83	328		428
	1983-87	327		427
	1987-94	329		429
626, Limited, Classic, Platinum	'94-2003-on		359	459
626 Diesel	1984-88		363	463B or 481
626 Eclipse	2001-on		353 (some 359)	453
929	1973-82	328		428
929	1982-87	327		427
929	1991-96		359	459
Astina & V6	1993-on		359	459
B2200	1981-90	328		428
B2200 Petrol	1980-91	330		430
B2500 4X4	2000-on	382		482
B2600 Bravo 4X2	1993-on	350	352	452
Bravo Diesel, 4X2	1999-2006	382		482
Bravo 2.65L Petrol	2004-6			458
BravoB4000	2006-on	355		455
BT50	2010-on	382		482
CX7, CX9	2008-	359	363, some 351	459, 463B
E1300, E1400, E1600	1978-89	328		428
E2000	1980-95	327		427
E2000Van, 1.8, 2.0	2004-	359		459
E2200	1980-89	381		481
Genki	2008-			
MPV	1998-on	359	363	463B
MX5	1989-on			339MF
MX5	2005-	Under bonnet	341	433
MX6	1987-91	329		429
MX6, MX7	1990-on		359	459
Millenia	2001-on		359	459

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Neo	2008-		359	
Premacy	2002-on	365	359	459
Protégé	1993-on		359	459
RX7	1980-95		359	459
RX8	2004-on	359	363	463B
Traveller, Savanna	1983-89	330		
Tribute	2000-on	359	363	463B
Tribune Classis 3.0 Limited Sport	2004	364		464B
MERCEDES BENZ				
A140, A150, A160, A170, A190, A200,	1999-on	357		457, 461
B180 CDI, B200 Turbo	2007-	357		457, 475
B200	2009-on	355		455, 461
C180	1996-on	357	383	457, 483
C200, C220, C240, C250, C280, C320	1994-	357	383	457, 483
C220 CDI Classic W203, C320 CDI	2001-on	383		483
C32, 36, 43, 55,	2000-on	357		457
C63	2009	383		483
CLC200	2009-on	357		457T
CLK200, CLK55AMG	1997-	355	357	457
CL500/55, CL600, CL55AMG, CLK 500, AMG/600	1998-on	383		483
CLK200, 230, 240, 320, 350, 380, 430, CLK63AMG, CLS350	2000-on, 2004-			
C Series	2006-			AGM Battery - AGM5L
CL Series 55, 500, 600				
CLK230				
CLK 500				
CLK 63				
E Series 320, 300, 500				
M Series 320, 350, 430, 500				
SL Series 320, 350, 420, 430				
SLK Series 230, 280, 320				
E220/240/300/320 (U/seat)	1997-8	383		483
E220, E280, E36, E55, E230	1994-on	355	357	457
E200/240/270/320/350/430/55 AMG	2001-on	383		483
E500, ML500	2003-on			483
Four Four, Four Two (Smart Car)	2005-on		Some 329	435
GL	2006-on	383		483
MB100, MB140 Van	2002-	381		481
MB	2003-		357	457, 475
ML320 4XD, ML320 CDI	1998-on	383		457, 483
ML270/CDI/320/500/55 AMG	2001-on			
ML63	2009-on			
ML350	2003-on	383		483
Roadster (Smart Car)	2005-on			435
R280CDI	2001	383		483
S280, 320, 350, 420, 430, 500, 600, 600SEL, S430 (2003)-483 only	1993-on	383		483
S320CDI	2009	383		483
SL500, SL600	2009-on	357		457T
SLK200, SL500 (2003-on)	1996-on	357		457
SL280/320/500/600, S500L, S600L,	1993-	383		483
SLK Supercharged/CLK230 Coupe	1998-	357		457
SLK 200/230/320/32 AMG	2000-on	383		483
SLK350	2009-on	357		457T

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Sprinter	2000-on	357		457 (Van 483)
Vito Van 113/108/412	1998-	357		457 (Van 483)
Viano	2009-on	357		457T
180E	1991-on	355	357	455
108CDI Van, 190E, 190E 2.6	1984-93	355	357	457
190D	1986-87	357	383	457, 483
230, 230E, 230GE, 230SL, 230TE	1966-on	357		457
240D	1976-85	383		457, 483
250, 250C, 250CE	1968-78	357		457
260E, 280, 280C, 280CE, 280E	1976-85	357		457
280SL, 280SLC, 280TE	1976-85	357		457
280S, 280SE, 280SEL, 300SE, 300SEL	1973-86	357		457
300D, 300SE, S320	1991-on	383		457, 483
300D, 300E, 300CE, 320E, 380SL	1986-on	357		457
352SL, 450SL, 450SLC	1986-on	357		457
380SEC, 352SE, 352SEL, 380SEL	1981-86	383		457, 483
400, S/SE, S420, 420, 430, 450 S/SE/SEL/SLC	1981-86, 1992-on	383		457, 483
500SEL, 500SL, SL500, 500SE, 500SEC	1990-on	383		483
560SL	1986-89	357		457
560SEC, 560SEL, 600SEL, 600SL	1986-94	383		483T
MG				
Magnette	1954-59	350	352	452
MGA 1500, 1600, MGB 1800	1955-76	303x2		
MGF, Sport Car, MGTF, ZT 230, TF, ZT, ZTT	1998-on, 2002-	355	357	455
Midget	1968-73	340		
MINI (BMW)				
Mini Cooper	2002-on	355		461, 457T
Mini Cooper S, Mini Diesel	2002-on	357		461, 457T
MINISUBISHI				
380 Series	2005-on			458
ASX Petrol	2010-		359	459
ASX Diesel	2010-		381	481
Centura 4Cyl	1975-79	339		
Centura 6Cyl	1975-79	351	353	453
Challenger PA	1998-		364	464B
Challenger 4X4	2000-08		382	482
Challenger LS	2001-on		352	452
Challenger DI-D, Diesel	2009-on		381	481
Colt	1981-91	329		429
Colt LS, XLS, Rallint, VRX (2010-on)	2005-		359	459
Cordia	1983-89	328		428
Delica	1996-on	329		429
Delica	1990-1995	363		436B
Eclipse	1990-95	329		429
Express L200, L300, Long Wheel Base N48	1979-87	328		428
Express Diesel	1979-87		382	482
Express Van 2.4	2004-on	330		428
FTO	1994-on		342	434
Galant	1974-94	340		
Galant Hardtop, Lancer	1974-80	342		434
Galant	1994-on	350	352	452
Grandis	2004-	359	363	459, 481

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
i-Miev	2010-			427
Lancer	1971-88	340		
Lancer, Lancer, Lancer Stn W. GLXI 2001-	'89-94 then 96-04	329		429
Lancer	1994-96	330		430
Lancer Tommi, Makinen, Evolution	2001-2005	327		427
Lancer Evolution IX, 2.6L, CH	2005-on		359	459
Lancer Evolution in boot	2008			463B
Lancer EVO MR 2.0L Petrol	2010-on			AGM Battery - AGM55D23L
L200, L300	1990-1996	328		428
Magna	1985-92	330	340	430
Magna Advance, Elite, Altera, V6, Executive	1985-92	350	352	452
Magna Advance, Solera, Executive, TH, TJ	1993-2002		350	452
Magna TJ, ES, LS, VR	2000-, 2004-	350	352	452
Mirage	1996-7	330		
Mirage	1997-on	329		429
Nimbus	1984-91	329		429
Nimbus	1992-on	340		
Nimbus MPV, UG	2001-on	329		433
Outlander	2003-on		359, 363	459, 463B
Pajero Petrol	1983-95		364	464B
Pajero V6	1996-on	364	382	482
Pajero Diesel	1983-95	364	382	482
Pajero 4WD, NM petrol, GL/X/S, Exceed Petrol	1999-on		359	459
Pajero Exceed Diesel, NM Diesel	2000-on	381		481
Pajero Exceed Diesel	2011-on		363	463B
Rosa minibus	2003-	364		464B
Scorpion	1978-80	342		434
Scorpion	1980-85		363	463B
Sigma 1600, 1850	1977-79	340		
Sigma 2000, 2600 2.6, Starion	1980-87		363	463B
Starwagon 2.0Lt, 2.4Lt	1986-95	329		429
Starwagon MPV, GL/X	2001-on	331		431
Three Eighty	2005-on			458
Triton	1987-92		364	464B
Triton	1993-on	328		428
Triton Dual Cab V6 4WD, GL 3.0L	1996-2003-on		364	464B
Triton Dual Cab Diesel/ 3.0 V6 MK	1996-2006		382	482
Triton Ute 2.8, 3.2 Diesel MK, 3.6Petrol	2005-2010		381	481
Verada	1991-2003	350	352	452
Verada Ei	2004-on		359	459
MORGAN				
4+4	1978-85	340		
Plus 8	1973-89	350	352	452

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
NIKI				
All Models	1989-94			
NISSAN Including Datsun				
120Y, 1200	1970-79	340		
180B, 200B	1972-81	350	352	452
200SX	1996-2000	364		458
	2000-2004	341		433
	2004-on	328		428
240, 260, 280 Series	1971-78-84	350	352	452
300C, 300ZX	1967-96		363	463B
350Z	2003-on		359	459
720 Diesel	1980-85		382	482
720 Petrol	1980-85	350	352	452
1300, 1600, 1600S	1967-81	350	352	452
1800, 1900, 2000, 2300, 2400	1967-80		364	464B
Bluebird 1300	1961-67	351	353	453
Bluebird Stanza	1981-86	350	352	452
Bluebird V6, SGX, Turbo	1986-on		364	464B
Bluebird SSS	1994-on		359	459
Dualis Ti	2008-	some 355		455
270Z	2010 - on	359		459
EXA	1983-87	329		429
EXA Turbo	1987-on	350	352	452
Fairlady	1964-70	342		434
Gazelle	1984-88	329		429
GTR-R35	2009-		341	431
Infiniti	1992-on		359	459
Maxima, all models	'96-2003-on	359	363	463B
Micra	1996-on	331		431
Murano	2005-7		359	459
Murano	2008-		357	475, 475T
Murano	2008-	Some 363		Some 463B
Navara Petrol	1986-94	350	352	452
Navara Petrol	1994-99		359	459
Navara , Navara Dual Cab Petrol, 3.3 V6	1999-2003-			458
Navara Dual Cab	2001	382	382	482
Navara Diesel	1985-94-'03-		382	482
Navara	2006-	Note:190mm high		457T
Navara D22 Turbo	2008-	363		463B
Navara D40				457T
Navara STX	2012			483T
Nomad, NX Coupe	1988-93	329		429
NX	1990-1993	329		429
Outlaw	2008-	357		457
Pathfinder	1988-92		364	464B
Pathfinder V6	1993-97	350	352	452
Pathfinder, R50	1998-on			458
Pathfinder Diesel, V6	2006-on	357		457
Pathfinder Petrol	2007-on		359	459
Patrol Petrol	1974-89		364	464B
Patrol Petrol	1989-95		363	463B
Patrol Diesel	1980-85		382x2	482x2

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Patrol Diesel	1985-88		382	482
Patrol Diesel	1989-on	381		481
Patrol Petrol	1995-on	363		463B
Patrol Y61 Petrol, 4.8i, ST-6, V6	'98-2003-on	363		463B
Patrol 4.2 Diesel	1998-on	381		481
Patrol 2.8 Turbo Diesel, DX Turbo (2004-)	1998-on	381		481
Patrol ST 4.2, 3.0 Di ST-L	2001-on	382	382	482
Pintara	1986-89	350	352	452
Pintara	1989-93	351	353	453
Prairie	1983-85	328		428
Pulsar	1981-93	329		429
Pulsar	1993-94	341		433
Pulsar LX, ST, Q, TI, Plus, ST, ST-L, Q	1996. 2000-2004-	327		427
Pulsar SSS, Q, SLX	1998-	329		429
Pulsar N16, 1.8ST (Europe)	2000-		355	435, 455
Silvia/Sylvia	2001-2003	329		429
Skyline	1978-89	350	352	452
Skyline	1989-on	327		427
Stanza	1978-83	350	352	452
Sunny	1979-86	340		
Serena Wagon	1993-on	364		464B
SX V6	1994-on		359	459
Terrano Petrol	1997-0n			458
Terrano Diesel	1997-0n	382		482
Tiida	2006-on	327		427
Tiida	2008-	331		431
Urvan Petrol	1974-92		364	464B
Urvan Diesel	1974-92		382	482
Vanette	1981-93	328		428
Vector	1986-88	350	352	452
Vector	1989-on	330		430
X-Trail	2001-2003	353		453
X-Trail ST-X	2004-		359	459
Y61 (4X4)	2000-	381		481
NSU				
Prinz	1963-67	340		
RO80	1967-74		364	464B

APPLICATION CHART
PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
OLDSMOBILE				
All Models	1954-76		382	482
OPEL				
All Models	1986-89			435

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
PEUGEOT				
205	1987-90	350	352	452
205, 306,	1993-97		355	435, 455
206 convertible 306	1998-on	355		455 or 461
207	2008	355		455
306 XT HDi, 2.0 XSI	2001-on			435
307 XS, XS HDi, XSE, XSI	2003-on	355		455, 401
308	2008-	357		457
308 Diesel	2008-		361	
403, 404, 504, 505	1955-86	350	352	452
405Mi, 1.6	1991-94			461
405	1989-93	350	352	452
405	1994-on			435
405 SRDT, 406	1996-on	355	357	455, 457
407 Hdi	1996-on	355	357	461, 457
407 Hdi Diesel	2010-on		381	481
504LTI	1975-76	340		
504GLD	1979-87		382	482
505 Diesel, 505 Turbo	1980-on	364	382	482
604GL, 605	1978-on	350	352	452
607 2.2, 3.0, 28, 29	2001-on	357		457
Expert	2007-on	357	383	483
RCZ Coupe	2010-on			461
PLYMOUTH				
All Models	1953-66		382	482
PONTIAC				
All Models	1955-76		364	464B
PORSCHE				
110 4WD	2003-	383		383
911, 911E, 911S, 911SC, Turbo	1969-94	357		457
911 Carrera, Cabriolet, Targa	2001-on	357		457
911T	1968-73			435x2
911 GTI	2001-on	383		483
924	1977-82		355	455
928, 928S	1980-92	357	383	457, 483
928S4	1987-88	357		457
944, 944S	1983-94		355	455
968	1992-95	355		455
Boxster	2000-on	357		457, 475
Cayenne	2003-on	Din 105	383	483T
Cayman	2005-on		383	475 or 483
PROTON				
Gen 2	2004-		some DIN55 Rev	459
Jumbuck	2004-	342		434 or 458
M21 Coupe	1997-on	350	352	452
Persona	1996-on	350	352	452
Proton, Wira, GTI, Jumbuck	1994-on	352		458
Saga	1987-89	328		428
Satria	1997-on	350	352	452
Satria Neo				458
Savvy	2005-	341		433
Waja	2001-on		359	459

APPLICATION CHART
PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Wira	2001-on	355	Some 359	
	1994-2001	352		452
PRINCE				
Gloria, Skyline	1964-67	350	352	452

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
RAMBLER				
All Models	1967-78	364	382	464B
RENAULT				
14 Virage, 16, 16TL, 16TS,	1968-77-83	339		
17TL, TLS, 18, 18GTS	1980-84	339		
19	1993-94		355	455
19	1995-on			
19RT, 19TXE	1992-94	350	352	452
20TS	1979-84	351	353	453
21TSE, 211TXE, 25GTV	1985-89	350	352	452
Clio, Clio Sport 2.0	2001-on		355 some models	435
Clio RS	2010-on			461
Fuego GTX	1982-87	350	352	452
Kangoo	2004-	355	357	457
Laguna, Master-van, Megane, Scenic, Traffic	2001-	355	357	455
Megane 11 Manual, Scenic Manual	2005-		357	457
Megane Sports Turbo	2005-	355	357	457
Scenic	2001-	355		455
Trafic	2004-	357		457
ROLLS ROYCE				
All Models	1955-86		382	482
All Models	1986-on		364	464B
ROVER (also see LANDROVER)				
75, 90, 100, 3.5Lt, 3520, 3520S	1965-69		382	482
2000, 2000TC	1965-91	350	352	452
416i	1986-87	340		
416i	1987-92	351	353	453
825, 827	1988-91	351	353	453
Quintet	1983-86	341		433
SDI 3520SE, Vanden Plas	1979-85		364	464B
Series 2 SE	1983-85	350	352	452
75 Club/Connoisseur SE, CDTI, Classic	2001-on	357		457

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
SAAB				
All Models	1973-94		364	464B
900, 900 2.0Lt, 900 V6	1994-on	355	357	457
900S, 900SI, 9000	1994-on	355	357	457
9-3/9-5 series, SE convertible, 2.0T/ Aero	1997-on	355	357	455
9-5 Series S/SE/Aero/Griffin	2000-	363		463B
9-5 Series Aero, ARC, Linear	2004-	357		457, 457T
9000 V6	1995-on	350	352	452
SSANGYONG				
Actyon	2007-			
Chairman	2005-	383		483
Musso 4WD Petrol & Diesel	1996-on		382	482
Korando 4WD Petrol	1998-on	350	352	452
Korando, Kyron, Stavic, Rexton	2005-	382		482
SEAT				
Ibitza	1994-on		355	455
Cordoba, Toledo	1994-on	355	357	457
SIMCA				
All Models	1955-65	350	352	452
SKODA				
All Models	1958-83	351	353	453
Octavia, Roomster	2007-	355	357	455, 457, 457T
Superb Tdi	2009-		357	457T
Yeti	2011-			461
SMART				
Fortwo, Four Four	2007-			435
STUDEBAKER				
All Models	1956-66	350	352	452
SUBARU				
All Models except Sherpa	1973-91	328		428
Brumby, DL 4WD	1983-94	328	332	428
Fiori	1989-92	328		428
Impreza	1993-on	329	341	433
Impreza GX, Liberty Sportswagon	1996-on	329	341	433
Impreza WRX, WRX STi	1997-2002	329	some 359	429, some 459
Impreza 2.5L, WRX Sti	2004-on	327		427, 431
	2007-	some 359		some 459
Impreza NA	Oct 2010 - on			458
Impreza Turbo	2003 - on Oct 2009 - on	359		459, 458
Impreza 2L non turbo	2011-	328	332	432
Impreza Stop-Start		Q85	Use 459	
Forester	1997-on	365 (50D20L)	359	459
Forester Ltd/GT, 2.5Series, Turbo	2002-on		359	459
Forester NA	Oct 2009 - on			458
Forester Diesel	Oct 2009 - on	363		463B
Heritage	2000-on	331		431
Legacy		328		428
Leone, Liberty	1986-95-on	327	331	431
Liberty GX, LX, RX 2.5Lt	1996-on	327	331	431
Liberty 3.0 Series, GT, B4	All		359	459
Liberty NA	Oct 2009 - on	332		

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Liberty Turbo, H6	2001 - 2004 2005 - 2008 Oct 2009 - on		331 359	431, 459, 458
Liberty Exige - Outback	2010-2011			458
Outback 4WD 2.5L	1996-on	327	331	431
Outback Wagon, Ltd, H6, 3.0L, 2.5i	2001-2009 2010 - on		359	459
Outback NA	1996 - 2008 2009 - on	331 332		431
Outback Diesel	Nov-10	364		464B
Outback 3.0	2010-on			458
Sherpa	1983-86	306		
Sherpa	1987-93	327	331	431
SVX	1992-95	351	353	453
Tribeca	2007-	359		459
Vortex	1987-93	327	331	431
WRX (97-02 earlier models take 351)	2002-4			458
WRX	2005-	359		459
SUZUKI				
LJ50, LJ80, LJ81 4WD, ST10, ST20	1971-82	328		428
Alto, Mighty Boy	1983-2008	306	some 327	
Alto	2009-		328	
APV Van	2005-on	328		428
Baleno, Ciana 2001-, Ignis, WRX, Cino 3 door	1995-on	327		427
Baleno 1.6Lt, 1.8Lt	1996-on	331		431
Carry Van	1983-90	330	some 305	430
Grand Vitara	1998-on 2001-on	 351	359 353	459 453
Ignis	2001-on	331	some 329	431
Jimny, Liana, R Wagon	2001-on	327	some 329	427
Jimny	2008-		330	
Kisashi	2010-on	359		459
Liana	2004	341	some 331	some 431
Swift, Sierra, Vitara	1986-93	328		428
Swift 1.6Lt, Sierra 1.3Lt	1994-on	328	332	428
Swift S5 door H/back	2005-	331		431
SX4	2006-on	328	some 331, 327	428
Vitara, Cabrio	1994-96	329		429
Vitara 1.6Lt, X90 1.6Lt, Jimny3 door	1996-on	327	331	427
Vitara 2.0Lt V6	1996-on	342		434
Vitara 2.0,V6, Grand	1998-on		359	459
Vitara Wagon R	1998-on	359	363	463B
Vitara Soft Top	1998-on	327		427
Wagon R	1996 - 2000			433
XLT, XL7	2003, 2005		359	459
X90, Targa	2000-		327	427

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
TATA				
Safari Turbo Diesel	2000-on	382		482
TOYOTA				
200 Series	2007-		381, 382	481, 482
4 Runner	1989-95	329		429
	1990-95	359		459
100 Series	2000-on	381		481
Altise	2003		359	459
Ascent	2000-on	327		427
Aurion V6	2006-		359	459
Avalon	2000-on		359	459
Avante	1985-87	329		429
Avensis (some take 339)	2003-on		359	459
Bundera 2.6Lt	1985-91		364	464B
Bundera Diesel	1985-91		382	482
Camry Gli	1983-87	339		
Camry	1988-92	329	329	429
Camry 6Cyl	1992-on	359	363	463B
Camry- 4 & 6 cyl, Ateva V6, Azura, CSI, Intrigue, Touring, Conquest, CSI, 380N	2000-on		359	459
Celica	1972-91	342		434
Celica GT4 Turbo 4WD	1990-on	381		481
Celica SX ,ZF -2001	1989-on	329		429
Celica ST, SX1997-	1991-on		359	459
Celica	1999-2000	339		
Corolla	1974-82	339		
Corolla 1300, CS, CS-X, S, SE, XX	1983-89	329		429
Corolla AE90, AE93, AE95 (Japan)	1990-on	329		429
Corolla AE92, AE94, AE96, AE101, AE102	1990-on	339		
Corolla Accent, Levin, Ultima (South Africa)	1999-on	327		427
Corolla Levin ZR	2007-		359	459
Corolla	2008-		341	433
Corona	1972-83	339		
Corona	1984-87	329		429
Crown	1963-70	339		
Crown	1971-83		364	464B
Crown Royal	1983-88		363	464B
Cressida	1977-82	339		
Cressida, Cresta	1983-94		359	459
Dyna	2004-	2 x 359		2X459
Echo	1999-2002	327	some 329	431
Echo Sportivo	2002-on	330	342	434
Echo	2005-	341		433
Harrier		351	353	453
Hilux		See Truck Section		
Grande	2001	351	353	453
Kluger	2003-on	363		463B
Landcruiser Petrol	1979-84		364	464B
Landcruiser Diesel	1974-95		382	482
Landcruiser Petrol	1984-95		382	482
Landcruiser Series 80	1995-on	381		481
Landcruiser 100 Series Petrol	1998-on	363		463B
Landcruiser 100 Series Diesel, HZL	1998-on	381		481

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
Landcruiser Kakadu , Muster	2004-	382		482
Landcruiser Diesel: 2 batteries	2008	Driver 364 or 382	Passenger 363 or 381	364B, 363B or 382, 381
Lexcen	1989-97	350	352	452
MR2	1993-on	341		433
MR2 Spyder	2001-on	331		431
Paseo	1983-on	350	352	452
Prado all Petrol models	1996-on	359	363	463B
Prado (90 series), Diesels	2000-2005	382		482
Prado Diesel	2006-on	381		481
Prius I &II	2001-3-6	327		427
Prius	2007 - on			432
RAV4	1995-on	342	Some 359	434
	2000-	330	340	
RAV 4 Cruiser 2.4 AWD	2003-7	382		482
RAV 4 V6	2008	359	363	463B
Rukus	2010-on	359		459
Seca	1985-91	329		429
	1991-99	339		
	1999-2001	327		429
	2001-on	329		429
	2004-			458
Soarer	1991-8		381	481
Sahara	2003-on	463B	381	481
Solara	2003-on		359	459
Spacia Van 2.0L	1996-8	328		428
Sprinter	1992-95	339		
Starlet	1996-on	330	342	434
Supra	1983-92		359	459
Supra Turbo	1988-92	381		481
SupraMA70 (no turbo)	08/08-		359	459
Supra Turbo MA70	08/08-		382	482
Surf petrol	1990-		364	464B
Surf diesel	1990-		381	481
SR5	1999-	382		482
T18 SE	1983-on	328		428
Tarago Petrol	1983-90	328		428
Tarago 4WD Petrol	1990-on		359	459
Tarago 4WD Diesel	1985-90		364	464B
Tarago	1990-on		359	459
Tarago	2000-	339	341	433
Tarago GLX 2.4L	2006-	359	363	463B
Terrel SR5	1983-88	342		434
Townace	1992-on	350	452	452
Ultima	1987-93	329		429
Ultima	1993-on		359	459
Vienta	1993-on		359	459
Yaris	2005-on	339	341	433
TRIUMPH				
2000, 2500S, 2500TC, Dolomite Sprint	1964-78	340		
Herald, Spitfire	1959-82	350	352	452
Stag, TR2, TR3, TR4, TR4A, TR5, TR6, TR7	1959-82	350	352	452

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
VALIANT				
All Models	1962-69	350	352	452
All Models	1969-81	351	353	453
VAUXHALL				
Cresta, Velox, Victor	1959-66	350	352	452
Viva	1964-65	339		
Viva	1966-67	340		
VOLKSWAGON				
1300, 1500, 1600 6 Volt	1963-69	303		
1300, 1500, 1600 12 Volt	1969-83		355	455
9C	1999-on	355		455
Amarok Tdi Diesel	2011-		383	483T
Beetle 1.8, 2.0 Petrol	2001-on	355	357	455
Beetle 1.9 Diesel	2001-on	357		457
Bora	2000-		357	457
Bus				
Caddy, California (Diesel)	2004-		357	457
Caddy TDi Diesel	2010-on	355		461
California	2003-2009			475
Caravelle	1982-87			
Caravelle	1988-91	355		455, 457
Crafter	2006-on			475 or 457T
Caravelle	1998-on	357	483 (2003-on)	457, 483
EOS	2007-	Din55 Tall		461, 457T
Golf Petrol	1975-82			435
	1990-94	355	357	457
	1994-96-on	355		455 or 461
Golf Diesel, Passat Diesel	1978-82	355	357	455
Jetta	2005-on	355	357	457
Jetta Tdi Diesel	2010-			461
Kombi, Micro Bus	1974-87	350	352	452
Konbi Beach	2006-on	383		483
LT35, LT36 Van, Multivan Diesel	2005-on		383	483, 483T
Multi Van	2007-on	383		483
Passat Petrol	1975-83			435
Passat Diesel	1974-78	355	357	457
Passat, 9C, VR6,	1998-on	355	357	457
Passat V6	2005-			475T
Passat CCTDi Diesel	2010-			457T
Polo	1998-on	355	357	455, 457
Polo Petrol	2010-			435T
Polo Diesel	2010-			461
R36	2008-	383		483
Tiguan	2010-			461
Touareg	2003-			483
	2008-	357 under seat	383 Tyre well, 383T	
Transporter	1995-on	355	357	457
Vento		355		455
VR6	1999-	355		455
VOLVO				
1800, 142, 144, 145, 164 Series	1962-67-75	350	352	452
240, 242, 244, 245 Series	1975-86		364	464B

APPLICATION CHART

PASSENGER & RECREATIONAL VEHICLES

MAKE & MODEL	YEAR	HEAVY DUTY	EXTRA HEAVY DUTY	MAINTENANCE FREE
240, 242, 244, 240 series, 245 Series	1986-91	357		457
360 Series	1984-87		355	455
440 Series	1993-94	355		455
740 Series	1983-91	355	357	457
760 Series	1983-90	357		457
850 Series	1992-on	355	357	457
940 Series	1991-96	355	357	457
960 Series	1991-95	357		457
960 Series	1996-on	355		455
C30	2006-on	355		461, 457T
C70	2006-on			475T
Cross Country, V50, V70, V90	2000	355	357	457
S40- T5, XC70,	2004			457 or 475
S60, S70, S80, S90, C70, XC 90 (Petrol)	1996-on	357		457
S60 T5 2.0L Petrol	2011-on			475T
V40, V50, V70, V90, 7 Series	1996-2004-on	355		455
XC 90 (Diesel takes 383), V40, V50	2003-on	357	383	457, 483