

MotoRad[®]

Advanced Engine & Thermal Management

Radiator and Expansion tank caps

MotoRad:

**Outstanding performance,
quality and innovation .**

OEM
SUPPLIER

MotoRAD

OEM and Aftermarket Manufacturer

***MotoRad:
Outstanding
Performance,
Quality and
Innovation***

For more than 60 years , MotoRad has manufactured thermostats , fuel, oil and radiator caps for the most major carmakers around the world , including many premium and luxury car brands and the aftermarket segment.

MotoRad has a long history , with a tradition of dependability and top performance , giving it a strong reputation in the industry .



Product Range and Service

At MotoRad , you can find any application you need .
The company's wide range of products and ongoing
development of new parts includes all European ,
Korean and American applications

All MotoRad products for the European market are
delivered through distribution center in Germany
within few days , providing our customers an on -time
delivery and fill rate greater than 95%.

Quality

We are committed to supplying our customers
with OEM quality products. Through out the entire
production process- starting with development ,
continue with the materials acquisition and packing –
we constantly inspect and monitor all processes and
products.

Our quality assurance system is based on well defined
development procedures and controlled processes
that are designed to meet the highest international
and OEM standards for quality.

MotoRad is certified to the following standards:

ISO/IATF 16949, ISO 9001, ISO 14001 & OHSAS
18001.

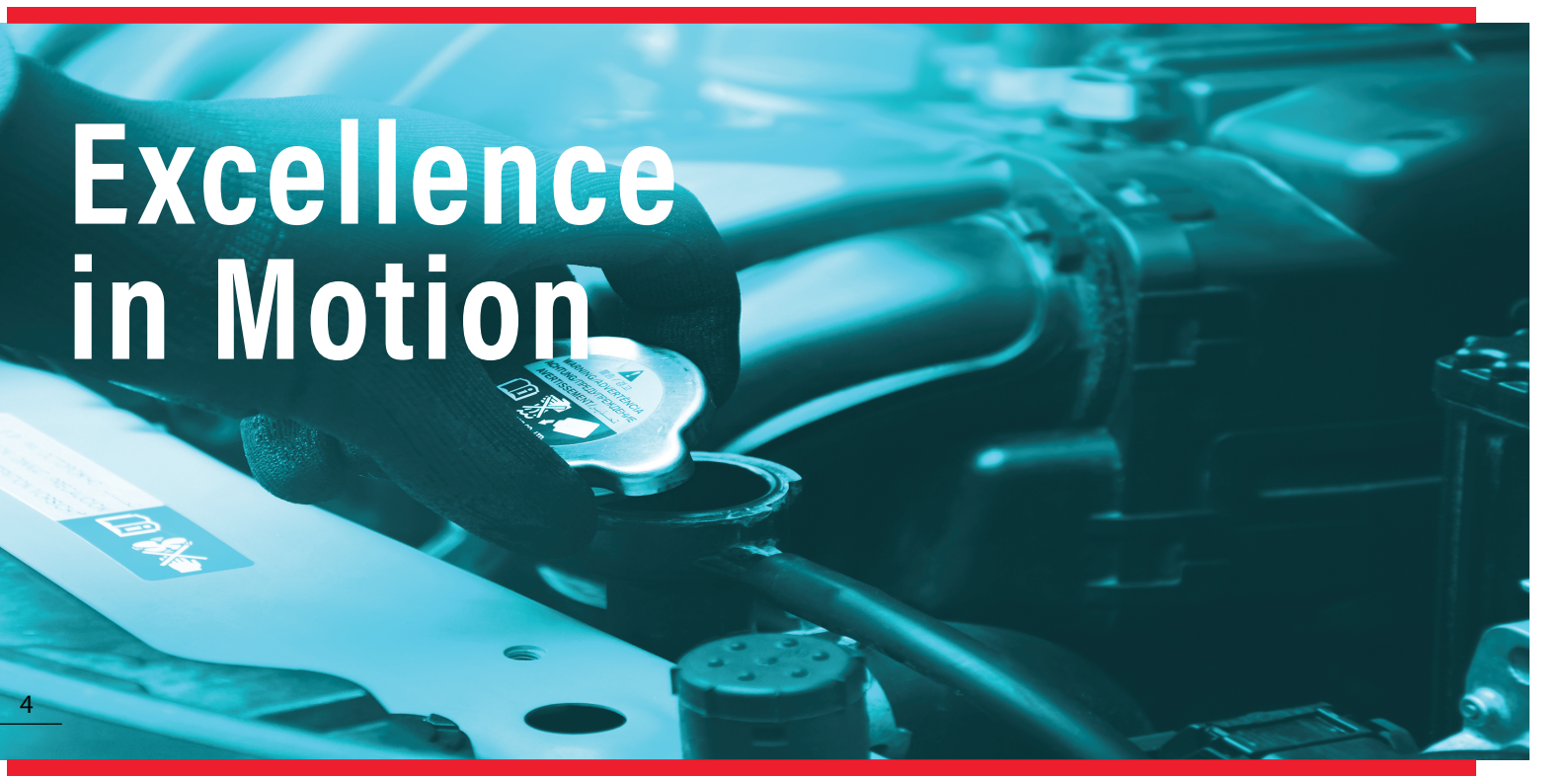
Innovation and Excellence

All MotoRad plants are equipped with high- speed
,computerized assembly lines that utilize advanced
technologies and operate under meticulous quality
control. MotoRad is committed to product and service
innovation . The professional , skilled R&D team works
constantly to develop new products and production
methods.

Radiator & Expansion tank caps

- MotoRad's radiator and expansion tank caps range contains 50-part numbers that will fit perfectly to your vehicle. All radiator and expansion tank caps might look similar, but they are different in features, size, shape and the material they are made of. They play a very significant role as a vital part of the vehicle cooling system.

- MotoRad developed the radiator and expansion tank caps range to comply with the strictest OEM specifications. Motorad is the expert in the cooling system and we recommend to always refer the vehicle application list to ensure the correct part number was picked.



Excellence in Motion

How does it work ?

The car's radiator is a heat exchanger, transferring excess heat from the engine's coolant fluid into the air. The radiator is composed of tubes that carry the coolant fluid, a Radiator protective cap that is also a pressure valve and a tank on each side to catch the coolant fluid overflow.

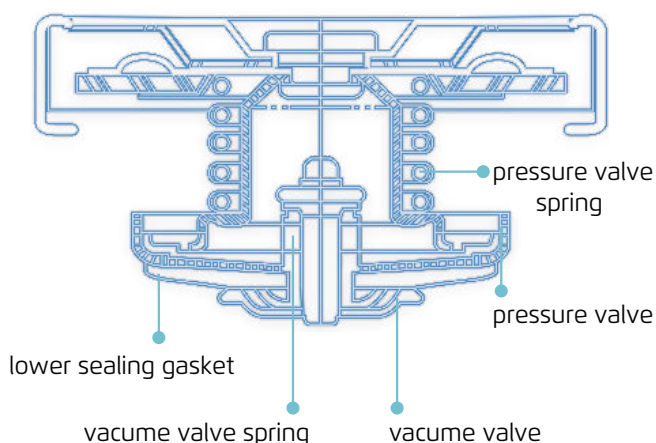
When coolant fluid overheats, it expands, causing the fluid to become highly pressurized. The coolant enters the radiator, the pressure increases even more because it's in an enclosed space. The radiator cap acts as a release valve set to open at the maximum pressure point.

The seal provided by the cap ensures a consistent pressure level and secures control

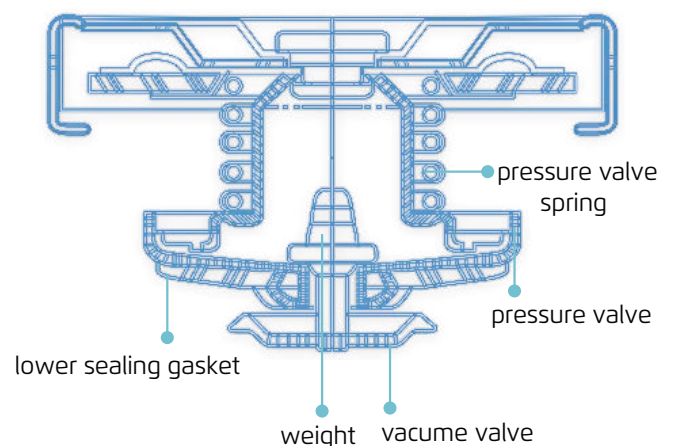
when the pressure increases as the coolant heats up and expands. As the temperature lowers the coolant returns to the recovery tank. Without a functioning radiator cap the engine can over-heat at lower temperatures and the coolant will not return to cool it off.

Yearly cap replacement can ensure a long-lasting functional cooling system !

Nornally **Closed** or Spring pressed Vacume Valve Radiator Cap



Open or Weighted Vacum Valve Radiator Cap



How to choose the correct cap?

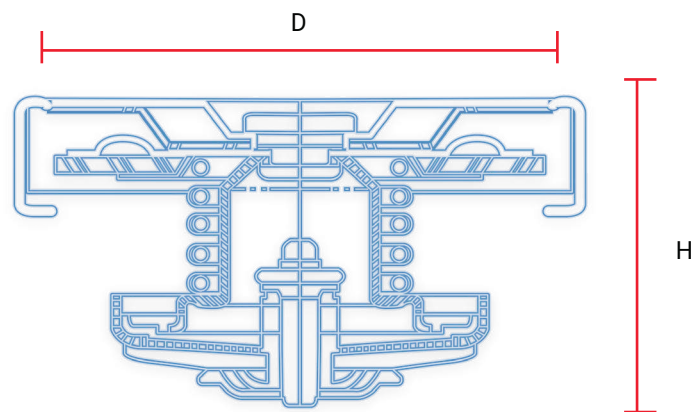
Prior to the replacement of the cap you need to have the below information

1. Car model
2. Radiator cap function (recovery/ nonrecovery)
3. The radiator cap dimensions
4. Opening pressure rating

Opening pressure rating

PSI	BAR
4	0.3
7	0.5
10	0.7
13	0.9
14	1
15	1.03
16	1.1
17	1.17
18	1.24
19	1.31
20	1.37
21	1.44
22	1.51
30	2.06

Radiator & Expansion tank caps



T-25

49.2 mm



33.7 mm

1.12 Bar

MODEL: AUDI

T-30

45.2 mm



31.7 mm

0.98 Bar

MODEL: SAAB

T-34

42.6 mm



32.7 mm

1.12 Bar

MODEL: VW

T-36

40.8 mm



21.5 mm

0.91 Bar

MODEL: LEXUS/MITSUBISHI/SUBARU/TOYOTA

ST-36

41.9 mm



31.5 mm

BAR 0.91

MODEL: LEXUS/ MITSUBISHI/ SUBARU/ TOYOTA

T-37

50 mm



21.5 mm

BAR 1.1

MODEL: ACURA / CITROEN / DAIHATSU/ FIAT /
HONDA/ ISUZU/ LEXUS / MAZDA / MITSUBISHI/
PEUGEOT /SUBARU/ SUZUKI/ TOYOTA

Safety
lever

Safety
laver

ST-37



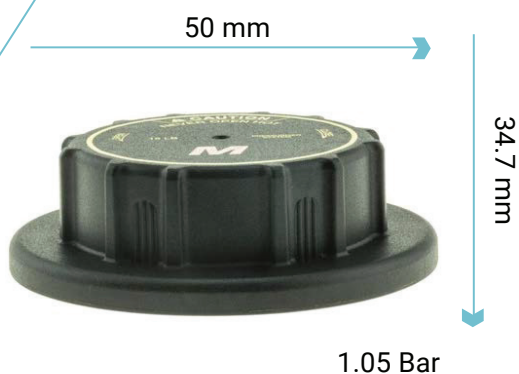
MODEL: ACURA / CITROEN / DAIHATSU/ FIAT /
HONDA/ ISUZU/ LEXUS / MAZDA / MITSUBISHI/
PEUGEOT /SUBARU/ SUZUKI/ TOYOTA

T-38



MODEL: FORD USA / LAND ROVER

T-39



MODEL: FORD USA / OPEL / VAUXHALL

T-41



MODEL: SEAT / VW

T-42



MODEL: BMW /LAND ROVER

T-43



MODEL: BMW/ LAND ROVER / MG /ROVER

T-46



MODEL: CHEVROLET/ GENERAL MOTORS / SAAB

T-49



MODEL: AUDI/ MAN/ SEAT/ SKODA/ VW

T-50



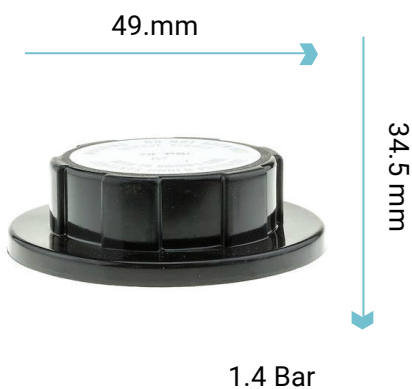
MODEL: MAYBACH/ MERCEDES - BENZ

T-51



MODEL: LEXUS/ SUBARU/ TOYOTA

T-54



MODEL: MERCEDES - BENZ

T-55



MODEL: CHEVROLET/ OPEL/ SAAB/ VAUXHALL

T-57



MODEL: FORD/FORD USA/ LAND ROVER
MAZDA/ VOLVO

T-58



MODEL: OPEL

T-60



MODEL: DAIMLER/ JAGUAR

T-61



MODEL: GENERAL MOTORS / VAUXHALL

T-62



MODEL: CHEVROLET/ OPEL/ SAAB/ VAUXHALL

T-63



MODEL: DACIA/ LADA/ MERCEDES - BENZ/ MITSUBISHI/
NISSAN/ OPEL / RENAULT / RENAULTTRUCKS / SMART /
SUZUKI/ VAUXHALL

T-64



MODEL: BMW

T-65



MODEL: BMW

T-72



MODEL: CITROEN/PEUGEOT

T-73



MODEL: ALFA ROMEO/ FIAT/ JEEP

T-75



MODEL: ABARTH/ ALFA ROMEO/ CHRYSLER
CITROEN/ FIAT/ FORD/ LANCIA/ PEUGEOT

T-76



MODEL: CITROEN/ DS/ FIAT/ LANCIA/ OPEL/
PEUGEOT/ VAUXHALL

T-89



MODEL: OPEL/VAUXHALL

T-90



MODEL: MERCEDES- BENZ

T-91



MODEL: AUDI

T-92



MODEL: HYUNDAI/ KIA

T-93



MODEL: AUDI/ CUPRA/ SEAT/ SKODA/ VW

T-94



MODEL: LADA

T-95

60.1mm



25.2 mm

1.2 Bar

MODEL: FORD

T-96

53 mm



29.4 mm

1.4 Bar

MODEL: ALFA ROMEO/ FIAT/ FORD/ LANCIA

T-13R2

43.6 mm



24.6 mm

0.9 Bar

MODEL: FORD USA/HYUNDAI/INFINITI/KIA/MAZDA/
MITSUBISHI/NISSAN/SUBARU/SUZUKI/TOYOTA

Safety
laver

ST-13R

43.4 mm



33.5 mm

0.9 Bar

MODEL: FORD USA /HYUNDAI/ INFINITI/KIA/MAZDA/
MITSUBISHI/NISSAN/SUBARU/TOYOTA

T-16R2

43.6 mm



24.6 mm

1.1 Bar

MODEL: FORD USA / GENESIS/ HONDA/ HYUNDAI/ISU-
ZU/ KIA/LEXUS /MAZDA/ MITSUBISHI/ NISSAN/ OPEL /
SUBARU/ SUZUKI/ TOYOTA/ VAUXHALL

Safety
laver

ST-16R

43.4 mm



33.5 mm

1.1 Bar

MODEL: FORD USA / GENESIS/ HONDA/ HYUNDAI/ISUZU/
KIA/LEXUS /MAZDA/ MITSUBISHI/ NISSAN/ OPEL /SUBARU/
SUZUKI/ TOYOTA/ VAUXHALL

T-18R2

43.6 mm



24.8 mm

1.2 Bar

MODEL: INFINITI/NISSAN

T-20R2

43.6 mm



24.6 mm

1.4 Bar

MODEL: HONDA/ MAZDA /NISSAN / SUBARU

OT-7

58.9 mm



29 mm

0.5 Bar

MODEL: FORD USA

OT-9

58.9 mm



29 mm

0.6 Bar

MODEL: ALFA ROMEO

OT-16

58.9 mm



29 mm

1.1Bar

MODEL: LAND ROVER/ MERCEDES -BENZ

OT-18

58.9 mm



29 mm

1.2 Bar

MODEL: CHRYSLER/DODGE /FIAT /JEEP/LANCIA

OT-20

58.9 mm



29 mm

1.4 Bar

MODEL: MERCEDES- BENZ

OT-22

58.9 mm



29 mm

1.5 Bar

MODEL: CHRYSLER / JEEP

Model OEM Cross Radiator and Expansion tank caps





ABARTH

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
46799364	500/500C	2008		T-75
	595/595C	2008		
	695/695C	2008		
	Grande punto	2007	2012	
	Punto /	2008		



ALFA ROMEO

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
53330779	Giulietta	2015		T-73
46799364	Mito	2008		T-75
	Giulietta	2010		
50561258	33	1990	1994	OT-9
60561208				
60813177				
60504215				
60744153				
60561258				



AUDI

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
171121321D	80	1991	1995	T-25
	100	1990	1994	
	A6	1994	1997	
443121321	A8	1994	2002	
547121321	Cabriolet	1991	2000	
1J0121321B 3B0121321	A1	2010	2018	T-49
	A2	2000	2005	
	A3	1996		
	A4	1994	2016	
	A5	2007	2017	
	A6	1995	2018	
	A7	2010	2018	
	Allroad	2000	2005	
	Q5	2008		
	Q7	2006	2015	
	TT	1998	2014	
	A4	2000	2008	T-91
	A6	2001	2011	
	A8	2002	2010	
	A1	2014		

8E0121321 2Q0121321 2Q0121321A 3C0121321 5Q0121321	A3	2012		T- 93
	A6	2019		
	A7	2019		
	A8	2009	2018	
	Q2	2016		
	Q3	2011		
	Q5	2019		
	Q7	2015		
	TT	2008		



BMW

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
17110152374 17111712492 17111712669 17111742231 17117639022	3 Series	1990	2007	T-42
	5 Series	1995	2017	
	6 Series	2011		
	7 Series	1994	2015	
	X3 Series	2003	2011	
	X5 Series	1999	2006	
	Z3 Series	1995	2003	
	Z4 Series	2003	2009	
	Z8 Series	2000	2003	
17111719167 17111742232 17112242256 17114379048 17137639023	3 Series	1990	2007	T-43
	5 Series	1996	2011	
	6 Series	2007	2010	
	7 Series	1996	2008	
	X3 Series	2003	2011	
	X5 Series	2001	2006	
17117521071 17117639020	1 Series	2004		T-64
	2 Series	2013		
	3 Series	2004		
	4 Series	2013		
	5 Series	2009		
	6 Series	2011		
	7 Series	2008		
	8 Series	2018		
	i8 Series	2014		
	X1 Series	2008	2015	
	X3 Series	2010		
	X4 Series	2014		
	X5 Series	2007		
	X6 Series	2008		

	X7 Series	2019		
	Z4 Series	2009	2016	
17117639021 17137516004	2 Series	2018		T-65
	3 Series	2007		
	4 Series	2014		
	5 Series	2003		
	6 Series	2003		
	7 Series	2008		
	8 Series	2019		
	X5 Series	2006		
	X6 Series	2008		
	X7 Series	2019		



Chevrolet

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
15042975	HHR	2006	2011	T-46
	Trailblazer	2013		
90467473	Tigra	1998	1999	T-55
13598760 13502353	Aveo	2011		T-62
	Cobalt	2013		
	Corvette	2014		
	Cruze	2009		
	Malibu	2011		
	Orlando	2011		
	Spark	2010		
	Tracker	2013		
	Trailblazer	2012		
	Trax	2012		
	Volt	2011		



CHRYSLER

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
46799364	Delta	2011	2014	T-75
	Ypsilon	2011		
	300/300M	1998		

4596198 52028974AA 55116897AA	Grand Voyager	1995		OT-18
	PT Cruiser	2000	2010	
	Sebring	2000	2010	
	Voyager	1995	2008	
5183710AA	300	2012		OT-22
5278767AA	Aspen	2006	2008	
68096261A 68249136AA 68442532AA	Pacifica	2017		T-73



CITROËN

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1306F4 1611823480	C1	2005		T-37
130684 130699 1306C7	Berlingo	1996	2003	T-72
	Saxo	1996	2004	
	Xantia	1993	2003	
	XM	1994	2000	
	Xsara	1997	2004	
	ZX	1991	1998	
1306F8	Jumper	2006		T-75
	Nemo	2007		
	Relay	2006		
1306C9 1306J5 1306E4 1606E4	Berlingo	1996		T-76
	C1	2014		
	C2	2003	2010	
	C3	2002		
	C4	2004		
	C5	2000		
	C6	2005	2012	
	C8	2002		
	C-Elysee	2012		
	Dispatch	1998		
	DS3	2009	2015	
	DS4	2010	2015	
	DS5	2011	2015	
	Jumpy	1998	2004	
	Saxo	1996		
	Spacetourer	2016		
	Xsara	1997		



CUPRA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
2Q0121321 2Q0121321A	Ateca	2018		T- 93



DACIA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
7700805031 8200048024	Dokker	2012		T-63
	Duster	2010		
	Lodgy	2012		
	Logan	2004		
	Sandero	2007		
	Solenza	2003	2005	



DAEWOO

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
96293957 96312510 94539597 96351578 96420303 96536649	Assol	1997	1999	T-26
	Gentra	2013		
	Kalos	2002	2004	
	Kondor	1997	2002	
	Lacetti	2002	2008	
	Lanos	1997	2002	
	Leganza	1997	2002	
	Matiz	1998	2014	
	Nubira	1997	2005	
	Orion	1998	2000	
	Rezzo	2000	2004	
	Sens	2001	2005	
	Tacuma	2000	2004	
	Tosca	2006	2010	



DODGE

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
4596198	Caliber	2010	2011	OT-18
52028974AA	Journey	2008		
55116897AA	Nitro	2006	2012	



DAIHATSU

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1640131520	Charade	2011		T-37



DS

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1306J5 16060000	DS3	2015		T-76
	DS4	2015		
	DS5	2015		
	DS7	2017		



FIAT

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
71742152	Sedici	2006	2014	T-37
53330779	500	2014		T-73
	Egea	2015		
	Tipo	2015		
46799364	500	2007		T-75
	Albea	2001	2012	
	Bravo	2007	2014	
	Doblo	2010		
	Ducato	2006		
	Fiorino	2008		
	Grande Punto	2005	2013	
	Idea	2003	2012	
	Linea	2006		
	Palio	2002	2012	
	Panda	2003		
	Pratico	2010		
	Punto	2005		
	Qubo	2008		
	Siena	2001	2012	
		2001	2008	
9638001280	Scudo	2006	2016	T-76
9681593380	Ulysse	2002	2010	
K04592098 K04596198	Freemont	2011		OT-18



FORD

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
	B-Max	2012		
	C-Max	2007		
	Ecosport	2012		
1224233 1301104 3M5H8100AC 3M5H8100AD	Fiesta	2007		T-57
	Focus	2003		
	Galaxy	2006		
	Grand C-Max	2010		
	Grand Tourneo Connect	2013		
	Kuga	2008		
	Mondeo	2007		
	S-Max	2006		
	Tourneo/Tourneo Custom	2012		
	Transit/Transit Custom	2006		
1559509 9S518100AA	KA	2008		T-75
1647751 1650630 1659288 6160686 7267969 86FB8100GA 86FB8100GB 86FB8100GC 86FB8100GD	Courier	2005	2011	T-95
	Escort	1990	2001	
	Fiesta /VAN	1995	2010	
	Focus	1998	2006	
	Fusion	2002	2010	
	KA/VAN	1996	2005	
	Orion	1990	1993	
	Puma	1997	2002	
	Street KA	1997	2003	
	Tourneo Connect	2002	2013	
	Transit Connect	2002	2013	



FORD USA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
9C348101AA 9C3Z8101A 9C3Z8101B F6DZ8100A	Explorer	2011		T-38
	GT	2003	2006	
1455876	Ranger	2005	2011	T-16R2
		1995	1998	
XM348100CB 4601916	Ranger	2007	2009	T-13R2
BE8Z8100A DG9Z8100A	Ranger	2011		T-57



GENESIS

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
25330B1000	G70	2017		T-16R2
	G90	2016		



HONDA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
19045P08003 19045P08013 19045P45G01	Accord	1993		T-37
	Civic	1991		
	Crosstour	2012		
	CR-V	2001		
	CRX	1992	1998	
	HR-V	1999		
	Insight	2000	2006	
	Integra	1997	2001	
	Jazz	2014		
	Legend	1991	2012	
	Pilot	2009		
	Prelude	1993	2000	
	S2000	1999	2009	
	Stream	2001	2006	
19045P1KE01 19045PAAA51 19045PMAE01 19045PR7A07 19045PR7A08 19045PT0003 19045PT0004	Accord	1990	1993	T-16R2
	Civic	1994	2005	
	Logo	1999	2001	
	Prelude	1991	1996	
19045RBDE01	Accord	2003	2015	T-20R2
	Civic	2005		
	CR-V	2005		
	FR-V	2005	2009	



HYUNDAI

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
254402E000 254402H000 254403K000 254413X000	Azera	2006	2011	T-92
	Grandeur	2006	2011	
	i30	2007	2012	
	Sonata	2005	2010	
	Sonica	2005	2010	

0K20215205 0K20215205A 2533002000 2533017000 2533024100 2533033000 2533033001 2533033101 2533036000 253405H000	Accent	1994	2012	T-13R2
	Amica	1999	2003	
	Atos	1998	2003	
	Atoz	1998	2001	
	Click	2001	2006	
	Coupe	1996	2002	
	Elantra	1990	2005	
	Excel	1994	2006	
	Galloper	1997	2003	
	Getz	2002	2012	
	Grace	1993	2004	
	Grandeur	1998	2010	
	H1	1997	2007	
	H100	1993		
	H150	1994	2001	
	H200	1997	2007	
	Highway Van	2000	2004	
	I 10	2008	2013	
	I 30	2007	2012	
	I800	2007		
	ix55	2008	2012	
	Lantra	1990	2000	
	Lavita	2000	2010	
	Matrix	2001	2010	
	Maxivan	1994	1997	
	Pony	1990	2000	
	Santa Fe	2000	2006	
	Santamo	1998	2002	
	Satellite	1997	2007	
	Scoupe	1990	1996	
	Sonata	1993	1998	
	Sonica	1994	1998	
	Starex	1997		
	Terracan	2001	2007	
	Trajet	1999	2008	
	Veracruz	2007	2012	
	Verna	2005	2013	
	XG-series	1998	2005	

2533005000 253301H000 253301P000 253302D090 253302D500 253302E000 253302E001 253302E100 2533038000 2533038001	Accent	2002		T-16R2
	Amica	2006	2008	
	Atos	2003	2008	
	Azera	2005		
	Centennial	1999	2009	
	Click	2006	2009	
	Coupe	1996	2009	
	Creta	2015		
	Elantra	2000		
	Equus	2009		
	Excel	2002	2006	
	Genesis	2008		
	Grand Santa Fe	2013		
	Grandeur	2005		
	H1	2007		
	H100	2010		
	H300	2007		
	H350	2015		
	i10	2008		
	i20	2008		
	i30	2007		
	i40	2011		
	i800	2009		
	iLoad	2009		
	iX20	2010		
	iX35	2009	2015	
	iX55	2011	2012	
	Kona	2020		
	Lantra	2000	2006	
	Matrix	2001	2005	
	Montana	2007		
	NF	2005	2010	
	Santa Fe	2001		
	Solaris	2010		
	Sonata	1998		
	Sonica	1998	2010	
	Starex	2008		
	Tiburon	1999	2010	
	Trajet	2003	2008	
	Tuscon	2004	2015	
	Tuscani	2001	2008	
	Velster	2011		
	Veracruz	2006	2012	



INFINITI

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
2143079901 214307994A 214307995A 214307996D 214307999A 214307999C 214308994A	EX Series	2008		T-13R2
	FX Series	2008	2013	
	G Series	2008		
	M Series	2005		
	Q50	2015		
	Q60	2013		
	Q70	2013		
	QX50	2013		
	QX70	2013		
21430D991A 21430D999A	JX Series	2012	2013	T-18R2
	M Series	2006		
	Q70	2013		
	QX50	2013		
	QX60	2013		
	QX80	2014		

ISUZU

ISUZU

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
8941169160 8941169161 8971041940 94116916 97104194	D-Max	2002	2012	T-16R2
	Elf	1992	1999	
	KB-series	1990	2003	
	N-series	1992	1999	
	Rodeo	2002	2006	
	Spacecab	2000	2003	
	Trooper	1991	1998	



JAGUAR

Jaguar

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
MJA4440BA	Sovereign	1997	2003	T-60
	Vanden Plas	1997	2003	
	XJ Serie	1997	2003	
	XK Serie	1996	2007	
	X-Type	2001	2011	

Jeep[®]

JEEP

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
68096261AA 68249136AA	Cherokee	2013		T-73
4596198 52028974AA 55116897AA	Cherokee	2001	2013	OT-18
	Commander	2005	2010	
	Compass	2007		
	Grand Cherokee	1998		
	Patriot	2007	2017	
	Wrangler	2006		
5183710AA 5278767AA	Cherokee	2008	2013	OT-22
	Liberty	2007	2012	

KIA

KIA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
254402E000 254402H000 254403K000 254413X000	Carnival	2006	2015	T-92
	Ceed	2007	2012	
	Cerato	2013	2014	
	Grand Carnival	2005	2015	
	Proceed	2007	2012	
	Sedona	2006	2015	
	Sportage	2004	2010	
2533017000 2533033001 0K30A15205 0K20215205A 0K30A15205 253301G010	Besta	1992	2005	T-13R2
	Bongo	2003		
	Carens	2000	2002	
	Cerato	2004	2009	
	Clarus	1996	2001	
	Credos	1996	2000	
	Joice	1999	2003	
	K-series	1997	2003	
	Lotze	2005	2010	
	Magentis	2001	2010	
	Mentor	1993	2005	
	Opirus	2003	2012	
	Optima	2001	2015	
	Picanto	2004		
	Pregio	1995	2006	
	Pride	1990	2001	
	Retona	1999	2001	
	Rio	2000	2011	
	Sephia	1993	2005	
	Shuma	1997	2005	
	Soul	2005	2011	
	Sorento	2009	2014	
	Spectra	2001	2010	
	Sportage	1994	2004	

2533005000 253301H000 253301P000 253302D500 253302E000 253302E001 2533038001 253303Z000 253304D000	Bongo	2012		T-16R2
	Carens	2000		
	Carnival	2006	2015	
	Ceed	2006		
	Cerato	2004		
	Forte	2009	2013	
	K-series	2007		
	Mohave	2007		
	Optima	2010		
	Picanto	2015		
	Proceed	2007		
	Quoris	2012		
	Rio	2005		
	Sedona	2006	2015	
	Seltos	2019		
	Soul	2002	2015	
	Sorento	2010		
	Sportage	2004		
	Stinger	2017		
	Venga	2010		
	Xceed	2019		



LADA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
8200048024 21080131106501	Largus	2012		T-63
	Vesta	2015		
	X Ray	2016		
21080131106503 21081311065 2108131106501	110	1995	2012	T-94
	111	1995	2009	
	112	2000	2008	
	Granta	2011		
	Kalina	2003		
	Priora	2007		
	Samara	1990	2013	
	Vega	1995	2012	



LANCIA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
46799364	Delta	2008	2014	T-75
	Musa	2004	2012	
	Thesis	2002	2009	
	Ypsilon	2003		
9638001280	Phedra	2003	2010	T-76
K05086226AA K05278697AA K55116897AA	Thema	2011	2014	OT-18
	Voyager	2011		



LAND ROVER

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
PCD000090 PCD500030	Discovery	2004		T-38
	Freelander	1998	2006	
	Range Rover	2004	2013	
ESR1480 PCD000070	Discovery	1998	2004	T-43
	Range Rover	1994	2009	
LR000243	Discovery	2014		T-57
	Evoque	2011		
	Freelander	2006	2014	
565540 PCD100150	Discovery	1989	1990	OT-16
	Defender	1990	2001	



LEXUS

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1640120310 1640120353	GS	1991	1997	T-36
	RX	1998	2008	
1640131520 1640131680 1640136020 1640146610 1640150370 164015B630 1640162100 1640175440	ES	1991		T-37
	GS	1997		
	GX	2001		
	IS	1999	2005	
	LS	2000	2006	
	LX	2007		
	RX	1998		
	SC	2001	2010	
	CT	2010		
1640153010 1640175120 1647528120 1647528140 1647537010 1647551010	ES	2018		T-51
	GS	2000		
	HS	2009		
	IS	2005		
	ISF	2007	2013	
	LC	2016		
	LS	2006		
	NX	2014		
	RC	2014		
	SC	2001	2010	
	UX	2018		
1640162090 1640167150	LX	1998	2008	T-16R2
1J0121321B 3B0121321	TGE-Series	2016		T-49



MAYBACH

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
2105010615	57	2002	2012	T-50
	62	2002	2012	



MAZDA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
LF5015205A	2	2007	2014	T-57
	3	2003	2014	
	5	2010		
LFB715205 WL2115205 ZM4315205	2	2007	2014	T-37
	5	2005		
	323	1998	2004	
	Demio	1996	2002	
	Premacy	1999	2005	
	Protégé	2000	2004	
D31615205 K81715205	323	1994	2001	T-13R2
	626	1992	1997	
	Eunos	1994	1999	
	MX3	1992	1998	
	MX6	1991	1997	
	Protégé	1994	1998	
	RX8	2003	2012	
	Xedos	1992	1999	
AJA415205 AS0115205 KL0115205 PE1115205 PE0115205 PE2015205 YF4715205	2	2014		T-16R2
	3	2013		
	6	2002		
	323	1994	1998	
	626	1991	2002	
	CX3	2015		
	CX5	2011		
	CX9	2007		
	Eunos	1993	2000	
	Millenia	1999	2002	
	MPV	1999	2006	
	MX5	1998		
	MX6	1992	1997	
	Premacy	1999	2005	
	Xedo	1993	2002	
L3R415205 LF2115205 LFH115205 NF0115205 NF0115205A RFH115205	6	2002	2013	T-20R2
	CX7	2006	2014	



MERCEDES - BENZ

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
0005018215 2105010215 2105010315 2105010515 2105010615 2105010715	300-Series	1991	1998	T-50
	400-Series	1991	1993	
	500-Series	1989	1993	
	600-Series	1991	1993	
	AMG GT	2014		
	A-Series	2012		
	B-Series	2011		
	CLA-Series	2013		
	CLC-Series	2008	2011	
	CLK-Series	1998	2010	
	CL-Series	1996	2013	
	CLS-Series	2004		
	C-Series	1993		
	EQC-Series	2019		
	E-Series	1995		
	GLA-Series	2013		
	GLB-Series	2019		
	GLC-Series	2015		
	GLE-Series	2015		
	GLK-Series	2008		
	GL-Series	2006	2015	
	GLS-Series	2015		
	G-Series	1997		
	MARCO POLO	2015		
	ML-Series	2005	2015	
	R-Series	2005	2014	
	SLC -Series	2016		
	SLR-Series	2003	2011	
	S-Series	1991		
	SLK-Series	1999		
	SL-Series	1992		
	SLS-Series	2010		
	Sprinter Series	2018		
	Vito-Series	2014		
	V-Series	2014		
	X-Series	2018		
1635000006	ML-Series	1998	2005	T-54
4155010015	Citan	2012		T-63
6395010015 9065010015	Sprinter Series	2006		T-90
	Viano	2003		
	Vito-Series	2003	2014	

0005011715	G-Series	1993	1997	OT-16
'0005014115	T2-800-Series	1996	2011	
4615010015	Vario-Series	1996	2013	
0005016215	200-Series	1985	1993	OT-20
	300-Series	1989	1993	
1235010215	C-Series	1993	2000	
	E-Series	1995	1999	
1245000106	G-Series	1989	2008	
	S-Series	1996	2004	
1245000206	SLK-Series	1995	2006	
1245000406	Sprinter Series	1991	1999	
1295000006	Vario-Series	1996	2010	



MG

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
ESR1480	ZT	2002	2006	T-43
	ZT T	2002	2005	



MITSUBISHI

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
45137XA01B MB660667 MR481216 MR481267	Challenger	1998	2009	T-36
	Chariot	1991	1998	
	Colt	1991	2005	
	Galant	1992	2004	
	I.O	1999	2005	
	L200	1996	2007	
	Lancer	1991	2003	
	Mirage	1991	2005	
	Montero	1997	2009	
	Pajero	1993	2009	
	Shogun	1994	2008	
	Sigma	1990	1996	
	Space Runner	1991	2003	
	Space Wagon	1991	2004	
	Sport Wagon	1998	2009	
	Strakar	2001	2005	
1375A307 MR161523	Carisma	1996	2004	T-63
	Space Star	2000	2004	
MR597126	Attrage	2013		T-37
	Galant	2006	2011	
	Grandis	2003	2011	
	L200	2005	2015	
	Mirage	2012		
	Pajero	2003		
	Space Star	2012		

	Space Wagon	2004	2013	
1350A088 'MB222336 'MB356417 MB660171 'MB660735 MB845036 MB890520 'MB957124 MR481217 'MR481218	Canter	1992	1996	T-13R2
	Carisma	1995	2006	
	Colt	1991	2013	
	L300	1986	2007	
	L400	1994	2005	
	Lancer	1991	1994	
	Mirage	1991	1995	
	Montero	1991		
	Pajero	1990	2007	
	Shogun	1991		
	Space Gear	1994	2001	
	Space Star	1998	2004	
1350A730 MR481252 MR968532	Airtrek	2002	2006	T-16R2
	ASX	2010		
	Eclipse	2017		
	Lancer	1999		
	Montero	2000		
	Outlander	2003		
	Pajero	2000		
	Shogun	2000		



NISSAN

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
21430AX300 21430AX600 2151600QAA 2151600QAB 2171290J00 7700805031 8200048024	Almera	2012		T-63
	Interstar	2002	2011	
	Juke	2010		
	Kubistar	2003	2010	
	Micra	2003		
	Note	2006	2013	
	NV200	2010		
	NV200 Evalia	2009		
	NV250	2019		
	NV300	2019		
	NV400	2011		
	Primastar	2001		
	Primera	1996	2002	
	Pulsar	2014		
	Qashqai	2006		
	Terrano	2014		
	X-Trail	2014		

2143001F01 '2143001F02 '2143050A01 '2143050A02 2143079901 '214307994A 214307995A 214307995B 214307996D 214307996E	100NX	1990	1996	T-13R2
	200SX	1993	1999	
	350Z	2002	2009	
	370Z	2009		
	Almera	1995	2006	
	Cabstar	1992	2000	
	Cefiro	1994	2003	
	Cube	2009		
	Cubic	1991	1994	
	Datsun	1998	2001	
	GT-R	2011		
	JUKE	2010		
	March	1992	2002	
	Maxima	1994	2003	
	Micra	1992		
	Murano	2004	2008	
	Navara	2001		
	Note	2006		
	NV200	2009		
	Pathfinder	1995	2005	
	Pick Up	1998		
	Primera	1990	2008	
	QX	1994	2001	
	Sentra	2014		
	Sunny	1990	2000	
	Terrano	1993	2005	
	Tiida	2004		
	X-Trail	2001		
214300M900	Fairlady	1990	1996	T-16R2
'214301P111				
'2143030P00	Terrano	2002	2006	
'2143054P00				
21430D991A	Micra	2011		T-18R2
21430D999A	Murano	2016		
21430D999A	Note	2013		
21430D999C	NP300	2015		
	Pathfinder	2013		
214308996A	GT-R	2008		T-20R2
214308996B				
214308991A	Teana	2008	2015	



OPEL

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1304240 91162027	Frontera	1998	2004	T-26
10296465 1306303 1306305	Sintra	1996	1999	T-39
1304660	Agila	2000	2008	T-55
1304661	Astra	1991	2009	
1304665	Calibra	1989	1998	
1304666	Combo	1992	2012	
1304667	Corsa	1993	2012	
1304853	Frontera	1991	1998	
4705149	Meriva	2003	2010	
5508521	Omega	1994	2003	
90409256	Speedster	2000	2006	
90409257	Tigra	1994	2010	
9208633	Vectra	1995	2003	
	Zafira	1999	2005	
1304530 1304651 93220885 93288274	Corsa	1998	2003	T-58
1305248	Adam	2012		T-62
13502353	Ampera	2011	2015	
13598760	Astra	2009		
	Cascada	2013		
	Corsa	2014		
	Insignia	2008		
	Karl	2015		
	Meriva	2010	2017	
	Mokka	2012		
	Zafira	2011		
4408066 91166192	Movano	2010		T-63
	Vivaro	2000		
1306J5	Corsa	2019		T-76
	Grandland X	2017		
	Vivaro	2019		
	Zafira	2019		
1304677 9202799	Astra	2004		T-89
	Corsa	2006	2014	
	Signum	2003	2008	
	Vectra	2002	2009	
	Zafira	2005		
1326027 97104194	Campo	1990	2003	T-16R2



PEUGEOT

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1611823480 1306F4	107	2005	2014	T-37
	108	2014		
130684 130699 1306C7	106	1991	2004	T-72
	306	1993	2003	
	405	1992	1999	
	406	1995	2005	
	605	1989	2000	
	Partner	1996	2005	
	Ranch	1996	2002	
1306F8	Bipper	2007		T-75
	Boxer	2006		
1306C9 '1306E4	1007	2004	2010	T-76
	106	1998		
	107	2005	2004	
	108	2014	2014	
	2008	2013		
	206	1998		
	207	2006	2013	
	208	2012	2015	
	3008	2009		
	301	2012		
	307	2000		
	308	2007	2012	
	406	1995		
	407	2004	2004	
	5008	2009	2011	
	508	2010		
	607	1999		
	807	2002	2011	
	Expert	1998		
	Partner	1996		
	Ranch	1996		
	RCZ	2010	2012	
	Rifter	2018	2015	
	Traveller	2016		



RENAULT

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
5000395208 7700760508 7700805031 7700808836 8200048024 8304401790 8952006707	19	1988	1995	T-63
	Avantime	2001	1999	
	Captur	2013	1998	
	Clio	1990		
	Dokker	2013	2015	
	Duster	2011	2013	
	Espace	1991		
	Express	1991		
	Extra	1991		
	Fluence	2010		
	Grand Espace	1997		
	Grand Modus	2007	2015	
	Grand Scenic	2004		
	Kadjar	2015		
	Kangoo	1997		
	Kaptur	2016		
	Koleos	2008	2010	
	Laguna	1993	2013	
	Latitude	2010	2001	
	Lodgy	2013		
	Logan	2004	1998	
	Master	1989		
	Master Pro	2005	2000	
	Modus	2004		
	Mascott	1999		
	Megane	1995		
	Rapid	1991		
	Scenic	1999	2014	
	Safrane	1992		
	Sandero	2007	2009	
	Symbol	2008		
	Trafic	1989		
	Talisman	2015		
	Thalia	2008		
	Twingo	1993		
	Vel Satis	2002		
	Wind	2010		
	Zoe	2012		
214307995A	Koleos	2009		T-13R2



RENAULT TRUCKS

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
7700805031	Mascott	1999	2004	T-63



ROVER

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
ESR1480	75	1999	2005	T-43



SAAB

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
4395570 7577323	9000	1988	1998	T-30
15042975	9-7X	2004	2012	T-46
1304666 90467473	9-5	1997	2010	T-55
13502353	9-5	2010	2012	T-62



SEAT

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1H0121321C	Cordoba	1993	2003	T-41
	Ibiza	1993	2003	
	Toledo	1991	1999	
	Altea	2004		
	Cordoba	1999	2009	
1J0121321B 3B0121321	Exeo	2008		T-49
	Ibiza	1999		
	Leon	1998	2013	
	Toledo	1998		
2Q0121321 2Q0121321A 3C0121321 5Q0121321	Alhambra	2010		T-93
	Arona	2017		
	Ateca	2016		
	Ibiza	2015		
	Leon	2012		
	Mii	2011		
	Tarraco	2018		



SKODA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1J0121321B 3B0121321	Fabia	1999		T-49
	Octavia	1996		
	Rapid	2012		
	Roomster	2006		
	Superb	2001	2015	
	Yeti	2009	2015	
2Q0121321 2Q0121321A 3C0121321 5Q0121321	Citigo	2011		T-93
	E-Citigo	2019		
	Fabia	2015		
	Kamiiq	2019		
	Karoq	2017		
	Kodiaq	2016		
	Octavia	2012		
	Rapid	2015		
	Scala	2019		
	Superb	2015		
	Yeti	2014		



SMART

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
4155010015	Fortwo	2014		T-63
	Forfour	2014		



SUBARU

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1647551010	Trezia	2011		T-51
45137AJ000 1640131520	BRZ	2011		T-37
	Legacy	2015		
	Outback	2011		
	Trezia	2011		
45113GA020 45113GA021 45113GA022 45113AC030	Forester	1997	2002	T-13R2
	Impreza	1993	2000	
	Legacy	1993	1999	
	Outback	1996	1998	
	SVX	1994	1997	
	Vivio	1992	2001	

45137AE000 45137AE001 45137AE002 45137AE003 45137AE00B	Forester	2002		T-16R2
	Impreza	1996	2016	
	Legacy	2003		
	Levorg	2015		
	Outback	2003		
	WRX	2014		
	XV	2011		
45137FE001 45137FE002	Forester	2008	2013	T-20R2
	Impreza	2005		
	Legacy	1998	2009	
	Outback	2000	2003	
	XV	2019		



SUZUKI

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1792056B20 '1792066F00 '1792066F01 '1792075F00 '1792075G00	Alto	1994		T-37
	Baleno	1995	2002	
	Grand Vitara	1998		
	Ignis	2000	2011	
	Jimny	1998		
	Kizashi	2010		
	Liana	2001	2008	
	Splash	2007	2014	
	Swift	2005		
	SX4	2006		
	Vitara	2015		
	Wagon R	1997	2012	
	X90	1995	1998	
1793184A00	Grand Vitara	2005	2015	T-63
	Jimny	2004		
1792060B20 '1792060B21 1792078120 1792082020	Alto	1993	1996	T-13R2
	Cappuccino	1991	1995	
	Carry	1992	1999	
	Samurai	2000	2004	
	Super Carry	1992	1999	
	Swift	1989	2003	
1792068HA0 1792069L01 '1792083E00	Ignis	2003	2012	T-16R2
	Jimny	2018		
	Swift	2010		
	Wagon R	1999	2012	



TOYOTA

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
1640121250 164017209	4 Runner	1995	2002	T-36
	Avenis	1997	2008	
	Caldina	1992	1997	
	Camry	1991	1996	
	Carina	1992	1998	
	Celica	1989	1999	
	Corolla	1992	2009	
	Corona	1992	1997	
	Land Cruiser	1995	2002	
	Matrix	2008		
	Picnic	1996	2000	
	Prius	2000	2009	
	Starlet	1989	1999	
1640153010 1640175120 1647528120 1647528140 1647551010 1647537010	Alphard	2008	2015	T-51
	Auris	2006		
	Avenis	2001		
	Celica	1990	2002	
	C-HR	2016		
	Corolla	2000		
	Hiace	2005		
	Highlander	2019		
	Hilux	2015		
	Iq	2008	2015	
	Land Cruiser	2002		
	MR2	1999	2007	
	Previa	2001		
	Prius	2008		
	Ractis	2010		
	RAV 4	2001		
	Urban Cruiser	2009	2014	
	Vellfire	2008	2014	
	Verso	2009		
	Yaris	2005		

1640128120 1640128280 1640131480 1640131650 '164017A470	Aurion	2006		T-37
	Avensis	2001	2005	
	Aygo	2005		
	Camry	1991		
	Echo	2001	2005	
	Estima	2000	2006	
	FJ Cruiser	2005		
	Funcargo	2000	2005	
	Funcruiser	1994	1999	
	Highlander	2014		
	Hilux	1997	2005	
	iQ	2008	2015	
	Land Cruiser	2000		
	Picnic	2000	2001	
	Previa	2000	2005	
	Ractis	2010		
	RAV 4	1994	2005	
	Scepter	1992	1996	
	Sienna	2010		
	Supra	1993	2002	
	Tundra	2006	2013	
	Venza	2008	2016	
	Verso	2010		
	Vitz	2005		
	Yaris	1999		
	Yaris Cross	2020		
1640154750	Dyna	1995	2001	T-13R2
	Hiace	1989	2004	
1640171010	Land Cruiser	1990		T-13R2
	Liteace	1992	1995	
1640150210 1640162090 1640163010 1640132020 1640167150	4 Runner	1990	1995	T-16R2
	Camry	1991	1996	
	Dyna	1995		
	Hiace	1989	2012	
	Land Cruiser	1998	2008	
	Liteace	1992	1998	
	MR2	1989	2000	
	Toyoace	2001	2011	



VAUXHAL

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
91162027	Frontera	1998	2004	T-26
10296465	Sintra	1997	1999	T-39
90409256 90409257 90410326 90467472 90467473 90500007 9208633	Agila	2000	2008	T-55
	Astra	1991	2006	
	Calibra	1990	1998	
	Combo	1993	2012	
	Corsa	1993	2007	
	Frontera	1992	1998	
	Meriva	2003	2010	
	Omega	1994	2003	
	Tigra	1994	2009	
	Vectra	1995	2003	
	VX220	2000	2005	
	Zafira	1998	2005	
92205634	VXR8	2007	2009	T-61
13502353 13598760	Adam	2012		T-62
	Ampera	2011		
	Astra	2009		
	Cascada	2013		
	Corsa	2006		
	Insignia	2008		
	Meriva	2010		
	Mokka	2012		
	Viva	2015		
	Zafira	2011		
91166192	Movano	2010		T-63
	Vivaro	2001		
1306J5	Corsa	2019		T-76
	Grandland X	2019		
	Vivaro	2019		
9202799	Astra	2004	2013	T-89
	Corsa	2006	2014	
	Signum	2003	2008	
	Vectra	2002	2009	
	Zafira	2005		
97104194	Brava	1990	2002	T-16R2



VOLVO

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
30680002 31368311	C30	2006	2013	T-57
	C70	2005	2013	
	S40	2003	2012	
	S60	2010		
	S80	2006		
	S90	2016		
	V40	2012		
	V50	2003	2012	
	V60	2010		
	V70	2007		
	V90	2016		
	XC40	2017		
	XC60	2008		
	XC70	2007		
	XC90	2014		



VW

OEM CROSS	MODEL	YEAR FROM	YEAR TO	MOTORAD ITEM
025121321A 025121321B	Transporter	1979	1992	T-34
1H0121321A 1H0121321B 1H0121321C 357121321C	California	1994	2003	T-41
	Campmobile	1990	2002	
	Caravelle	1990	2003	
	Golf	1991	2002	
	Multivan	1992	2003	
	Passat	1988	1997	
	Polo	1994	2002	
	Transporter	1990	2003	
1J0121321B 3B0121321	Vento	1991	1997	T-49
	Amarok	2009		
	Beetle	2010		
	Bjalla	2011	2016	
	Bora	1998	2014	
	Caddy	2004		
	California	2007		
	Campmobile	2004		
	Caravelle	2003		
	CC	2011	2016	
	Crafter	2006		

	Eos	2006	2015	
	Fox	2005	2011	
	Golf	1997	2016	
	Grand California	2019		
	Jetta	2005		
	LT	1996	2006	
	Multivan	2003		
	New Beetle	1998	2010	
	Passat	1996	2015	
	Polo	2001		
	Scirocco	2008	2017	
	Touareg	2002	2018	
	Touran	2003	2015	
	Transporter	2003		
2Q0121321 2Q0121321A 3C0121321 5Q0121321	Amarok	2016		T- 93
	Arteon	2017		
	Beetle	2014		
	Caddy	2010		
	CC	2011	2016	
	Golf	2009		
	ID.3	2019		
	Jetta	2014		
	Passat	2007		
	Polo	2014		
	Scirocco	2009	2017	
	Sharan	2010		
	T-Cross	2018		
	Teramont	2016		
	Tiguan	2007		
	Touran	2015		
	T-Roc	2017		
	Up	2011		



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