



ET1039C

Master Radiator Pressure Test Kit

(32 Pce)



1. FEATURES

2. SPECIFICATIONS

3. INSTRUCTIONS

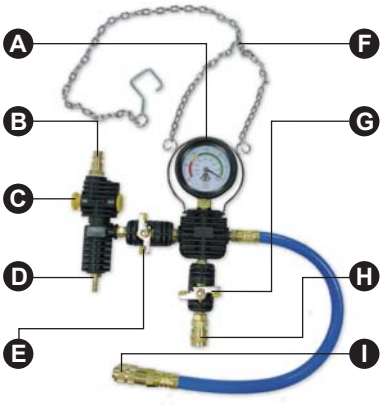
4. APPLICATIONS

1. FEATURES

- Set for testing leaks in automotive cooling systems and refilling new coolant by creating a vacuum in the cooling system
- Includes various adapters for most vehicle brands
- Adapters and pump are made of lightweight nylon 6-6
- Connectors (blue and black) are for pressure testing radiator caps
- Includes a thermometer for extra safety

2. SPECIFICATIONS



No	Description	Specifications	Material
1	Pressure pump	0-2.5 kg/cm ² (35 psi)	Nylon 6-6
2	Pump hose	Max. pressure: 200 psi	Rubber
3	Black cap tester	For R123 and R124	Nylon 6-6
4	Blue cap tester	For R123 and R125	Nylon 6-6
5	Test cap	No. 3 to No. 5	Steel
6	Test cap	No. 6 to No. 24	Nylon 6-6
7	O-ring	Various sizes	NBR
8	Conical adapter	Universally applicable	Rubber
9	90° Connector	Suitable for confined spaces	Bronze
10	Coolant hose	L: 1200mm	PVC
11	Air bleeding hose	Ø8 × 12 × 600mm	PVC
A			
B			
C			
D			
E			
F			
G			
H			
I			

3. INSTRUCTIONS



CAUTION

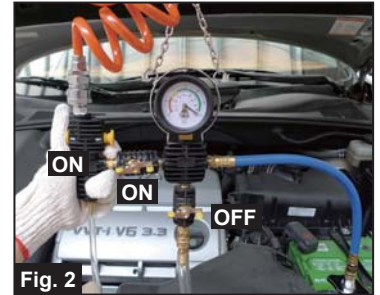
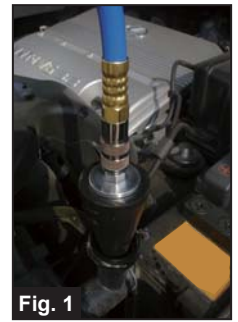


- Always read the instructions carefully before using the tool
- This tool kit is for cooling system maintenance only
- Ensure the working area has adequate lighting
- Keep children and unauthorized persons away from the working area
- Keep working area clean and tidy, dry and free from unrelated materials
- DO NOT allow untrained persons to use this tool kit
- Always wear eye protection that meets OSHA and ANSI Z87.1 standards
- Always wear gloves when working with the tool
- Always wear ear protection
- Disposal: Customers should follow local regulations to handle used/waste parts

VACUUM-TYPE COOLANT REFILLING

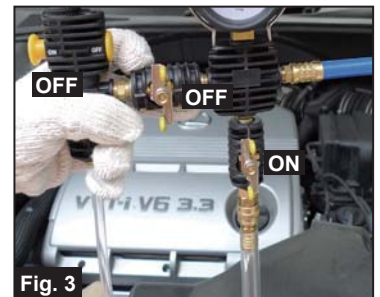
I. CREATE A VACUUM IN THE COOLING SYSTEM

- 1) Drain coolant from the radiator.
- 2) Hook the gauge underneath the car's hood.
- 3) Connect shop air to shop air connector (B).
- 4) Connect the conical adapter (8) or a suitable test cap (5 or 6) onto the radiator filler neck (as in Fig. 1).
- 5) Turn on the air switch (C) and air control valve (E), while coolant control valve (G) remains off, to create a vacuum in the cooling system (as in Fig. 2).
- 6) When the pressure falls into the range between -50 and -60 cmHg (-20 and -25 inHg), turn off the air control valve (E) and then air switch (C).
- 7) Leave the gauge on the radiator for approximately 10 mins to check if there are leaks in the cooling system before refilling new coolant.



II. REFILL NEW COOLANT

- 8) Connect the coolant hose (10) to the coolant hose connector (H).
- 9) Put the the hose into a container filled with pre-mixed new coolant.
- 10) Turn on the coolant control valve (G) (while the air control valve (E) and air switch (C) remain off), coolant will be introduced into the radiator immediately (as in Fig. 3).
- 11) The refilling process is completed when the gauge reads zero.
- 12) Remove residual coolant in the gauge before storage.



COOLING SYSTEM PRESSURE TEST

- 1) Choose a suitable adapter and screw the adapter onto the radiator filler neck.
- 2) Connect the pressure tester to adapter.
- 3) Pump pressure to the range between 10 and 15 psi (Fig. 4).
- 4) Check if the gauge reading moves.
If it does, there could be leaks in the cooling system.
Attention: Do not pump the pressure up to 35 psi.



RADIATOR CAP PRESSURE TEST

- 1) Connect the original radiator cap to one side of the connector, and a test cap on the other side (Fig. 5).
- 2) Pump pressure to the specified pressure on the cap.
- 3) When pumping pressure under the specified pressure, check if the gauge reading drops. If it does, there could be a fault with the cap.
- 4) When pumping pressure above the specified pressure, check if the radiator cap has the ability to release pressure. If it does not, the cap should be replaced.



4. APPLICATIONS

The application list is for reference only. More vehicle applications are possible. Same vehicle models, due to variations in engine size, vehicle type (hatchback, sedan, or convertible...etc), engine fuel type (gasoline or diesel) and so on, may require different radiator test caps.

MAKE	MODEL	YEAR	NO.	MAKE	MODEL	YEAR	NO.
Alfa Romeo	33	1984-1989	7	Audi	Q3 / SQ3 8U+	2015-2017	23
Alfa Romeo	90	1984-1987	7	Audi	Q5	2010-2017	9
Alfa Romeo	145	1994-2001	7	Audi	Q5 / SQ5 8R	2009-2012	23
Alfa Romeo	147	2001-2010	7	Audi	Q7 / SQ7 4L	2006-2015	23
Alfa Romeo	155	1992-1997	7	Audi	Q7 / SQ7 4M	2015-2018	23
Alfa Romeo	156	1997-2006	7	Audi	Quattro	1983-1984	11
Alfa Romeo	164	1987-1998	7	Audi	R8 42	2007-2015	23
Alfa Romeo	166	1998-2007	22	Audi	S3 Sportback	2017-2018	23
Alfa Romeo	145 Diesel	1994-1999	22	Audi	S4	1992-1994	11
Alfa Romeo	145 Gasoline	1987-2001	22	Audi	S6	1995-1997	11
Alfa Romeo	8C	2007-2009	22	Audi	S8	2001-2003	11
Alfa Romeo	8C Spider	2008-2010	22	Audi	TT	1998-2006	8
Alfa Romeo	GT	2003-2010	7	Audi	TT	2003-2014	9
Alfa Romeo	GTV	1995-2005	22	Audi	TT	2008-2018	23
Alfa Romeo	Spider	1994-2005	22	Audi	TT Quattro	2003-2010	9
Audi	80	1988-1992	11	Audi	TT Roadster	1999-2006	8
Audi	90	1988-1995	11	Audi	V8 Quattro	1990-1994	11
Audi	100	1989-1994	11	BMW	3 Series	1990-1998	3
Audi	200	1989-1991	11	BMW	3 Series	1998-2013	21
Audi	4000	1980-1987	11	BMW	3 Series M	2007-2013	17
Audi	5000	1978-1988	11	BMW	3 Series M3 Sedan	2007-2011	17
Audi	100 Quattro	1989-1994	11	BMW	318i	1991-1998	10
Audi	200 Quattro	1989-1991	11	BMW	318is	1991-1997	10
Audi	4000 Quattro	1984-1987	11	BMW	318ti	1995-1999	10
Audi	5000 Quattro	1986-1988	11	BMW	323Ci	2000-2000	10
Audi	80 Quattro	1988-1992	11	BMW	323i	1998-2000	10
Audi	90 Quattro	1988-1995	11	BMW	323is	1998-1999	10
Audi	A1	2010-2017	9	BMW	325Ci	2001-2006	10
Audi	A1 Sportback	2012-2017	9	BMW	325i	1992-2005	10
Audi	A3	2006-2013	9	BMW	325is	1992-1995	10
Audi	A3 / S3 / RS3 8L	1996-2018	23	BMW	325xi	2001-2005	10
Audi	A3 / S3 / RS3 8P	2003-2009	23	BMW	328Ci	2000-2000	10
Audi	A3 / S3 / RS3 8P+	2009-2012	23	BMW	328i	1996-2000	10
Audi	A3 / S3 / RS3 8V	2012-2016	23	BMW	330Ci	2000-2006	10
Audi	A3 / S3 / RS3 8V+	2016-2017	23	BMW	330i	2001-2005	10
Audi	A3 Cabriolet	2017-2018	23	BMW	330xi	2001-2005	10
Audi	A3 Quattro	2006-2012	9	BMW	5 Series	2008-2018	22
Audi	A3 Sportback	2007-2013	23	BMW	520i	2003-2011	6
Audi	A3 Sportback	2017-2018	23	BMW	520i	2007-2010	17
Audi	A4	1996-1996	11	BMW	523i	2005-2011	6
Audi	A4	2002-2009	8	BMW	523i	2007-2010	17
Audi	A4	2005-2015	9	BMW	525 xi	2005-2011	6
Audi	A4 / S4 / RS4	1994-2001	23	BMW	525i	1991-2003	10
Audi	A4 / S4 / RS4	2001-2005	23	BMW	525i	2003-2010	17
Audi	A4 / S4 / RS4	2005-2008	23	BMW	525i	2003-2011	6
Audi	A4 / S4 / RS4	2008-2012	23	BMW	525i xDrive	2008-2011	6
Audi	A4 / S4 / RS4	2016-2017	23	BMW	528i	1997-2000	10
Audi	A4 Quattro	1996-1996	11	BMW	530 xi	2005-2011	6
Audi	A4 Quattro	2005-2014	9	BMW	530i	1994-2003	10
Audi	A5	2010-2017	9	BMW	530i	2003-2010	17
Audi	A5 / S5 / RS5 8T	2008-2011	23	BMW	530i	2003-2011	6
Audi	A5 / S5 / RS5 8T3	2012-2017	23	BMW	530i xDrive	2008-2011	6
Audi	A5 Quattro	2010-2014	9	BMW	535i	1989-1993	10
Audi	A6	1995-1997	11	BMW	535i Sedan	2009-2017	17
Audi	A6	2005-2011	8	BMW	535i Wagon	2010-2017	17
Audi	A6	2011-2017	9	BMW	540i	1994-2003	10
Audi	A6 / S6 / RS6	1997-2005	23	BMW	540i	2005-2010	6
Audi	A6 / S6 / RS6	2005-2011	23	BMW	545i	2003-2010	6
Audi	A6 / S6 / RS6	2011-2017	23	BMW	550i	2005-2010	6
Audi	A6 Avant	2011-2017	9	BMW	550i	2010-2015	10
Audi	A6 Quattro	1995-1998	11	BMW	550i	2010-2017	17
Audi	A6 Quattro	2012-2014	9	BMW	550i GT	2010-2015	10
Audi	A7 / S7 / RS7 4G	2011-2014	23	BMW	550i GT xDrive	2010-2015	10
Audi	A7 / S7 / RS7 4G8	2015-2017	23	BMW	550i xDrive	2013-2017	10
Audi	A7 Quattro	2012-2014	9	BMW	6 Series	2010-2018	22
Audi	A8	1998-1999	11	BMW	630i	2004-2011	6
Audi	A8	2002-2010	8	BMW	640i Convertible	2011-2017	17
Audi	A8 / S8 4E	2002-2010	23	BMW	640i Coupe	2010-2017	17
Audi	A8 / S8 4H	2010-2017	23	BMW	645 Ci	2004-2005	17
Audi	A8 / S8 D2	1994-2002	23	BMW	645 Ci	2004-2011	6
Audi	A8 Quattro	1997-2003	11	BMW	650i	2005-2011	6
Audi	Cabriolet	1991-2000	8	BMW	650i	2011-2017	17
Audi	Cabriolet	1994-1998	11	BMW	650i	2012-2017	10
Audi	Coupe	1981-1987	11	BMW	650i Gran Coupe	2013-2017	10
Audi	Coupe Quattro	1990-1991	11	BMW	650i xDrive	2012-2017	10
Audi	Q2	2016-2018	23	BMW	7 Series	2008-2015	22
Audi	Q3	2013-2017	9	BMW	735i	1987-1992	10
Audi	Q3 / SQ3 8U	2012-2015	23	BMW	735iL	1988-1992	10

MAKE	MODEL	YEAR	NO.
BMW	540i	1994-2003	10
BMW	545i	2004-2005	6
BMW	550i	2006-2013	6
BMW	550i	2010-2015	10
BMW	550i	2010-2017	17
BMW	550i GT	2010-2015	10
BMW	550i GT xDrive	2010-2015	10
BMW	550i xDrive	2011-2013	6
BMW	550i xDrive	2013-2017	10
BMW	6 Series	2010-2020	22
BMW	640i	2010-2019	17
BMW	640i	2012-2012	6
BMW	645 Ci	2004-2005	17
BMW	645Ci	2004-2005	6
BMW	650i	2006-2013	6
BMW	650i	2011-2019	17
BMW	650i	2012-2017	10
BMW	650i Gran Coupe	2013-2017	10
BMW	650i xDrive	2012-2013	6
BMW	650i xDrive	2012-2017	10
BMW	7 Series	2008-2015	22
BMW	735i	1987-1992	10
BMW	735iL	1988-1992	10
BMW	740i	1993-2001	10
BMW	740i	2008-2015	17
BMW	740i	2011-2012	6
BMW	740iL	1993-2001	10
BMW	745i	2002-2005	10
BMW	745Li	2002-2005	10
BMW	750i	2006-2016	10
BMW	750i	2008-2015	17
BMW	750i	2009-2018	6
BMW	750i xDrive	2009-2018	6
BMW	750i xDrive	2012-2016	10
BMW	760i	2004-2006	10
BMW	760i	2009-2015	17
BMW	760Li	2003-2008	10
BMW	840Ci	1993-1997	10
BMW	850CSi	1994-1995	10
BMW	850i	1991-1992	10
BMW	ActiveHybrid	2011-2017	17
BMW	ActiveHybrid 5	2012-2012	6
BMW	Alpina B6 xDrive Gran	2015-2016	10
BMW	Alpina B7	2007-2015	10
BMW	Alpina B7	2011-2012	6
BMW	Alpina B7 xDrive	2012-2015	10
BMW	Alpina B7L	2012-2015	10
BMW	Alpina B7L xDrive	2012-2015	10
BMW	i3	2014-2015	22
BMW	i8	2014-2015	22
BMW	M3	1994-2006	10
BMW	M3	2008-2016	6
BMW	M3	2011-2019	17
BMW	M4	2013-2019	17
BMW	M4	2015-2017	6
BMW	M5	1991-2016	10
BMW	M5	2006-2010	6
BMW	M6	2006-2010	6
BMW	M6	2012-2017	10
BMW	M6 Gran Coupe	2014-2017	10
BMW	X3	2004-2010	10
BMW	X5	2000-2006	10
BMW	X5	2007-2013	22
BMW	X5	2007-2017	6
BMW	X5 3.0 si	2006-2008	17
BMW	X5 4.8i xDrive	2007-2008	17
BMW	X6	2008-2014	22
BMW	X6	2008-2018	6
BMW	X6 M	2008-2014	17
BMW	X6 xDrive 35i	2008-2014	17
BMW	X6 xDrive 50i	2007-2014	17
BMW	Z3	1996-2002	10
BMW	Z4	2003-2008	10
BMW	Z8	2000-2003	10
Chevrolet	Aveo	2005-2019	6
Chevrolet	Captiva Sport	2013-2015	6

MAKE	MODEL	YEAR	NO.
Chevrolet	Cavalier	1999-2005	6
Chevrolet	Classic	2004-2005	6
Chevrolet	Corvette	1972-2004	12
Chevrolet	Corvette	1997-2004	6
Chevrolet	Epica	2005-2011	6
Chevrolet	Equinox	2013-2017	6
Chevrolet	Evanda	2005-2011	6
Chevrolet	Kalos	2005-2019	6
Chevrolet	Lacetti	2003-2019	6
Chevrolet	Malibu	1999-2003	6
Chevrolet	Matiz	2005-2017	6
Chevrolet	Nubira	2005-2011	6
Chevrolet	Optra	2003-2008	6
Chevrolet	Spark	2000-2019	6
Chevrolet	SSR	2003-2006	6
Chevrolet	Tacuma	2005-2016	6
Chevrolet	Traverse	2014-2017	6
Chrysler	300	2019-2020	3
Chrysler	300 C	2005-2012	3
Chrysler	300 C Touring	2005-2010	3
Chrysler	Crossfire	2003-2008	3
Chrysler	Grand Voyager V	2007-2017	3
Chrysler	Neon II	1999-2006	3
Chrysler	PT Cruiser	2004-2008	3
Chrysler	PT Cruiser	2004-2008	3
Chrysler	Sebring	2007-2010	3
Chrysler	Voyager III	1995-2001	3
Citroen	Berlingo	996-2016	3
Citroen	BX	1986-1994	3
Citroen	C15	1984-2005	3
Citroen	Dispatch	1995-2017	3
Citroen	Jumper Box	1994-2002	22
Citroen	Jumper Bus	1994-2002	22
Citroen	Relay	2002-2016	7
Citroen	Saxo	1996-2004	3
Citroen	Synergie	1994-2002	3
Citroen	Xsara	1997-2005	3
Daewoo	Evanda	2002-2005	6
Daewoo	Kalos	2002-2019	6
Daewoo	Lanos	1997-2019	6
Daewoo	Leganza	1997-2004	6
Daihatsu	Applause	1997-2000	4
Daihatsu	Charade Centro IV	1994-1998	5
Daihatsu	Charade IV	1994-2016	5
Daihatsu	Cuore V	1998-2003	5
Daihatsu	Mira III	1995-1995	5
Daihatsu	Sirion	2005-2017	5
Daihatsu	Terios	1997-2000	5
Daihatsu	Terios	2000-2005	5
Daihatsu	YRV	2001-2017	5
Fiat	500	2007-2020	3
Fiat	500C	2009-2020	3
Fiat	Brava	1995-2002	7
Fiat	Bravo	1995-2001	7
Fiat	Cinquecento	1991-1999	7
Fiat	Croma	2005-2016	20
Fiat	Croma	2005-2018	7
Fiat	Ducato	1994-2016	7
Fiat	Ducato	2002-2016	22
Fiat	Duna	1987-1991	7
Fiat	Duna Weekend	1987-1991	7
Fiat	Marea	1996-2007	7
Fiat	Marea Weekend	1996-2007	7
Fiat	Panda	1980-2004	7
Fiat	Seicento	1998-2010	7
Fiat	Tempra	1990-1998	7
Fiat	Tempra S.W.	1990-1996	7
Fiat	Ulysse	1994-2002	7
Fiat	UNO	1983-2006	7
Ford	B-Max	2012-2019	15
Ford	C-Max DM2	2007-2010	15
Ford	C-Max MKII	2010-2020	15
Ford	Contour	1998-2000	14
Ford	Cougar	1998-2001	12
Ford	Courier	1996-1999	5
Ford	Courier	1996-2003	21

MAKE	MODEL	YEAR	NO.	MAKE	MODEL	YEAR	NO.
Ford	Courier	1996-2003	21	Hyundai	Veloster N	2019-2019	24
Ford	Courier	1997-2006	4	Jeep	Cherokee	2001-2008	3
Ford	Ecosport	2012-2017	15	Jeep	Cherokee	2008-2019	3
Ford	Escort	1995-2016	21	Jeep	Commander	2006-2010	3
Ford	Escort Express	1990-1994	21	Jeep	Compass	2006-2017	3
Ford	Falcon	1986-1993	3	Jeep	Grand Cherokee II	2001-2005	3
Ford	Fiesta	1989-1997	21	Jeep	Grand Cherokee III	2005-2010	3
Ford	Fiesta	2008-2019	15	Jeep	Patriot	2008-2019	3
Ford	Fiesta MK VI	2008-2017	15	Jeep	Wrangler II	1996-2007	3
Ford	Fiesta V	2001-2010	15	Jeep	Wrangler III	2007-2017	3
Ford	Fiesta V	2001-2010	21	Kia	Carnival	2006-2010	4
Ford	Focus	2004-2016	21	Kia	Cerato	2004-2009	4
Ford	Focus MK II	2004-2016	15	Kia	Niro	2016-2020	24
Ford	Focus MK III	2010-2020	15	Kia	Optima	2001-2017	5
Ford	Focus Turnier	2010-2017	15	Kia	Picanto	2017-2020	24
Ford	Fusion	2002-2012	21	Kia	Rio	2000-2005	4
Ford	Galaxy	1995-2006	8	Kia	Sorento	2013-2015	4
Ford	Galaxy	1995-2006	18	Kia	Sportage	2006-2015	4
Ford	Galaxy	2006-2015	15	Kia	Sportage	2015-2020	24
Ford	Granada	1985-1994	21	Land Rover	Defender	1998-2016	7
Ford	Grand C-Max	2010-2019	15	Land Rover	Defender	2007-2016	3
Ford	KA	1996-2009	21	Land Rover	Discovery	1999-2004	22
Ford	Kuga	2013-2019	15	Land Rover	Freelander	1998-2006	7
Ford	Kuga I	2008-2016	15	Land Rover	Freelander 2	2006-2014	15
Ford	Laser	2001-2002	5	Land Rover	Range Rover	1995-2005	22
Ford	LTD	1991-1995	3	Land Rover	Range Rover	2003-2005	10
Ford	Mondeo	1996-2000	12	Land Rover	Range Rover Evoque	2011-2017	15
Ford	Mondeo	2000-2007	12	Land Rover	Range Rover I	1988-1994	3
Ford	Mondeo	2007-2015	15	Mazda	2	2003-2017	5
Ford	Mondeo Turnier	2007-2014	15	Mazda	3	2009-2017	15
Ford	Mondeo V	2014-2019	15	Mazda	2 Series	2007-2015	15
Ford	Orion	1985-1990	21	Mazda	3 Series	2003-2009	15
Ford	Ranger	1990-2017	15	Mazda	323 Astina VI	2001-2004	5
Ford	Sierra	1982-1987	21	Mazda	323 Protege VI	1998-2004	5
Ford	S-Max	2006-2014	15	Mazda	5 Series	2010-2017	15
Ford	Tourneo Connect	2002-2016	21	Mazda	B-Serie Bravo	1999-2006	4
Ford	Tourneo Custom	2012-2019	15	Mazda	E-Series	2003-2006	4
Ford	Transit	2000-2006	3	Mazda	Mazda3	2004-2009	15
Ford	Transit	2000-2014	12	Mazda	RX 8	2003-2012	4
Ford	Transit	2006-2020	15	Mazda	Tribute	2000-2008	12
Ford	Transit Connect	2013-2018	15	Mercedes	CLS500	2006-2006	13
Ford	Transit Custom	2012-2020	15	Mercedes	CLS55 AMG	2006-2006	13
Ford	Transit Tourneo	1994-2014	15	Mercedes	CLS550	2007-2011	13
GMC	Acadia Limited	2017-2017	6	Mercedes	CLS63 AMG	2007-2010	13
GMC	Terrain	2014-2017	6	Mercedes	E320	2004-2009	13
Holden	Apollo	1995-1997	5	Mercedes	E320 Sedan	2003-2003	13
Holden	Commodore	1999-2000	3	Mercedes	E350	2006-2009	13
Holden	Statesman	1995-1999	3	Mercedes	E500	2003-2006	13
Holden	Suburban	1998-2000	3	Mercedes	E55 AMG	2003-2006	13
Honda	Accord Euro VIII	2008-2015	5	Mercedes	E550	2007-2009	13
Honda	Accord VIII	2008-2017	5	Mercedes	E63 AMG	2007-2009	13
Honda	City	2009-2017	5	Mercedes	A-Class	1997-2004	3
Honda	Civic VIII	2006-2017	5	Mercedes	E-Class	1997-2002	3
Honda	HR-V	1999-2017	5	Mercedes	E-Class	2002-2008	3
Honda	Integra	2002-2017	5	Mercedes	MB100	1999-2003	3
Honda	Jazz III	2008-2017	5	Mercedes	S-Class	1989-1991	3
Honda	Legend	2008-2014	5	Mercedes	A 140	1997-2004	16
Honda	Legend II	1991-1996	5	Mercedes	A 150	2004-2012	16
Honda	Legend III	1996-2017	5	Mercedes	A 160	1997-2004	16
Honda	Legend IV	2006-2017	5	Mercedes	A 160 CDi	2004-2012	16
Honda	Odyssey	2003-2017	5	Mercedes	A 170	2004-2012	16
Honda	Prelude V	1997-2001	5	Mercedes	A 170 CDi	1997-2004	16
Honda	S2000	1999-2017	5	Mercedes	A 180	2004-2012	16
Hyundai	Accent	2006-2009	4	Mercedes	A 180 CDi	2004-2012	16
Hyundai	Elantra	2016-2019	24	Mercedes	A 190	1997-2004	16
Hyundai	i20	2008-2015	4	Mercedes	A 200	2004-2012	16
Hyundai	i30	2016-2020	24	Mercedes	A 200 CDi	2004-2012	16
Hyundai	i40	2012-2019	4	Mercedes	A 200 Turbo	2004-2012	16
Hyundai	Ioniq	2016-2020	24	Mercedes	A 210	1997-2004	16
Hyundai	ix35	2009-2020	24	Mercedes	B 150	2005-2011	16
Hyundai	ix35	2010-2019	4	Mercedes	B 160	2005-2011	16
Hyundai	Kona	2017-2020	24	Mercedes	B 170	2005-2011	16
Hyundai	Kona Electric	2019-2020	24	Mercedes	B 170 NGT	2005-2011	16
Hyundai	Santa Fe I	2001-2006	5	Mercedes	B 180	2005-2011	16
Hyundai	Tucson	2015-2020	24	Mercedes	B 180 CDi	2005-2011	16
Hyundai	Veloster	2019-2020	24	Mercedes	B 180 NGT	2005-2011	16

MAKE	MODEL	YEAR	NO.	MAKE	MODEL	YEAR	NO.
Mercedes-	B 200	2005-2011	16	Opel	Omega B	1994-2003	21
Mercedes-	B 200 CDi	2005-2011	16	Opel	Senator	1987-1993	21
Mercedes-	B 200 Turbo	2005-2011	16	Opel	Signum	2005-2018	20
Mercedes-Benz	E-CELL	2004-2012	16	Opel	Vectra	1988-1995	21
Mercedes-	F-CELL	2005-2011	16	Opel	Vectra C	2002-2018	20
Mercedes-	Vaneo	2002-2005	16	Opel	Vectra C	2004-2017	7
Mini	Cooper - Most trims	2011-2015	22	Opel	Vectra C Caravan	2004-2018	20
Mini	Cooper Countryman	2010-2017	22	Opel	Zafira A	1999-2005	21
Mini	Cooper Paceman	2013-2016	22	Opel	Zafira B	2005-2016	20
Mini	Mini	2004-2006	3	Opel	Zafira B Van	2009-2018	20
Mini	Mini Clubman	2007-2014	22	Peugeot	106	1996-2016	3
Mini	Mini Clubvan	2012-2017	22	Peugeot	406	1996-2004	3
Mini	Mini Roadster	2012-2017	22	Peugeot	205 II	1987-1994	3
Mitsubishi	ASX	2010-2019	4	Peugeot	205 II	1990-1998	3
Mitsubishi	Challenger	1998-2007	4	Peugeot	Expert	1996-2016	3
Mitsubishi	Challenger	2008-2017	5	Peugeot	Partner	1996-2017	3
Mitsubishi	Colt III	1986-1990	3	Peugeot	Partnerspace	1996-2016	3
Mitsubishi	Galant IV	1989-1992	3	Porsche	924	1980-1982	11
Mitsubishi	Grandis	2004-2017	5	Porsche	968	1991-1995	3
Mitsubishi	Lancer	2005-2019	4	Porsche	Boxster	1997-1997	11
Mitsubishi	Magna	1989-1991	3	Porsche	C4	2013-2016	23
Mitsubishi	Outlander	2006-2012	4	Porsche	Carrera	2012-2016	23
Mitsubishi	Pajero	2000-2007	3	Porsche	CS Turbo	2013-2016	23
Mitsubishi	Pajero Sport	2015-2019	3	Renault	19	1992-2001	7
Mitsubishi	Tridon	1986-2005	3	Renault	21	1986-1994	7
Mitsubishi	Triton	2000-2015	4	Renault	25	1984-1993	7
Mitsubishi	Triton	2007-2017	5	Renault	Clio	1998-2017	7
Nissan	350 Z	2003-2007	4	Renault	Espace	1996-2002	7
Nissan	370 Z	2009-2019	4	Renault	Kangoo	1997-2016	7
Nissan	Altima	1993-2006	4	Renault	Laguna	1993-2001	7
Nissan	Altima	2013-2020	4	Renault	Master	1998-2017	7
Nissan	Cube	2009-2014	4	Renault	Megane	1996-2003	7
Nissan	Frontier	1998-2004	4	Renault	Super 5	1984-1996	7
Nissan	Interstar	2002-2019	7	Renault	Thalia	1998-2016	7
Nissan	Juke	2011-2017	4	Renault	Trafic	1989-2001	7
Nissan	Maxima	1985-2008	4	Renault	Twingo	1993-2016	7
Nissan	Navara	1998-2006	4	Saab	900	1980-1994	7
Nissan	NV200	2013-2019	4	Saab	9000	1988-1998	7
Nissan	NV400	2011-2018	7	Saab	9-3	1998-2002	6
Nissan	Pathfinder	1987-2004	4	Saab	9-3	2002-2015	7
Nissan	Patrol	1998-2012	4	Saab	9-3	2002-2015	20
Nissan	Primastar	2001-2019	7	Saab	9-5	1997-2009	6
Nissan	Quest	2004-2009	4	Saab	9-3 Cabriolet	1998-2003	6
Nissan	Rogue	2008-2020	4	Saab	9-3X	2010-2011	20
Nissan	Sentra	1985-2020	4	Subaru	Impreza	1998-2000	4
Nissan	Tiida	2006-2013	4	Subaru	Liberty	2003-2017	5
Nissan	Versa	2007-2019	4	Subaru	Liberty IV	2003-2017	5
Nissan	Versa Note	2014-2020	4	Subaru	Liberty Outback	2000-2003	5
Nissan	Xterra	2000-2004	4	Subaru	Outback	2009-2017	5
Nissan	X-Trail	2001-2014	4	Subaru	Outback	2009-2017	5
Opel	Aquila	2000-2007	21	Suzuki	Alto	2009-2017	5
Opel	Arena	1997-2001	7	Suzuki	APV	2005-2017	5
Opel	Ascona C	1981-1988	21	Suzuki	Baleno	1995-2002	5
Opel	Astra	1991-2001	21	Suzuki	Carry	1999-2005	4
Opel	Astra Classic	2009-2019	20	Suzuki	Carry	2000-2017	5
Opel	Astra H	2004-2014	7	Suzuki	Forenza	2004-2008	6
Opel	Astra H	2004-2014	20	Suzuki	Grand Vitara II	2005-2015	5
Opel	Astra H	2007-2016	21	Suzuki	Jimny	1998-2017	5
Opel	Astra H Caravan	2004-2016	21	Suzuki	Kizashi	2010-2017	5
Opel	Astra H GTC	2005-2016	21	Suzuki	Liana	2002-2017	5
Opel	Astra H Sport Hatch	2005-2010	20	Suzuki	Reno	2005-2008	6
Opel	Astra H Stufenheck	2007-2016	21	Suzuki	Samurai	1988-2004	7
Opel	Astra H Twintop	2005-2010	20	Suzuki	Sierra	1998-2000	4
Opel	Astra H Twintop	2005-2016	21	Suzuki	Swift III	2005-2017	5
Opel	Astra H Van	2004-2016	21	Suzuki	SX4	2006-2017	5
Opel	Combo	2001-2016	21	Suzuki	Vitara	1994-1998	5
Opel	Combo Tour	2001-2011	21	Suzuki	Wagon R+	1998-2000	5
Opel	Corsa	2006-2019	7	Toyota	4 Runner	2015-2016	4
Opel	Corsa	2006-2020	20	Toyota	4 Runner	2015-2016	4
Opel	Corsa B	1993-2016	21	Toyota	Aurion	2006-2011	5
Opel	Corsa C	2000-2016	21	Toyota	Avalon	2013-2019	19
Opel	Frontera	1992-1998	21	Toyota	Avensis Verso	2001-2009	5
Opel	Kadett E	1984-1993	21	Toyota	Camry	2006-2011	5
Opel	Meriva	2003-2010	21	Toyota	Camry	2013-2020	19
Opel	Movano	1998-2019	7	Toyota	Celica	2000-2005	19
Opel	Omega A	1986-1994	21	Toyota	C-HR	2018-2019	19

MAKE	MODEL	YEAR	NO.	MAKE	MODEL	YEAR	NO.
Toyota	Coaster	1993-2003	5	VW	EOS	2006-2016	9
Toyota	Coaster	1993-2003	5	VW	Fox	1987-1993	11
Toyota	Corolla	2001-2007	5	VW	Fox	2003-2020	23
Toyota	Corolla	2019-2019	19	VW	Fox	2005-2017	9
Toyota	Echo	1999-2005	5	VW	Golf	1985-1990	11
Toyota	Echo	2000-2005	4	VW	Golf	2012-2020	23
Toyota	Hiace	2006-2014	19	VW	Golf MK III	1991-2002	8
Toyota	Highlander	2004-2020	4	VW	Golf MK V	2003-2008	8
Toyota	Highlander	2011-2020	19	VW	Golf MK V Hatchback	2003-2008	9
Toyota	Hilux	2005-2017	5	VW	Golf MK VI Convertible	2008-2017	9
Toyota	Hilux VII	2005-2017	5	VW	Golf MK VI Estate	2008-2017	9
Toyota	Kluger	2003-2007	5	VW	Golf Plus	2005-2013	8
Toyota	Land Cruiser Prado	2010-2019	5	VW	Golf Plus	2005-2013	9
Toyota	Mirai	2019-2020	19	VW	Golf Plus	2005-2013	23
Toyota	MR2	2000-2005	19	VW	Golf Sports	2014-2018	23
Toyota	Prius	2010-2019	19	VW	Jetta	1980-1989	11
Toyota	Prius C	2012-2020	4	VW	Jetta	2010-2019	23
Toyota	Prius C	2012-2020	19	VW	Jetta MK III	2005-2011	9
Toyota	Prius Plug-In	2012-2015	19	VW	Jetta ML IV	2010-2018	9
Toyota	Prius Prime	2017-2019	19	VW	LT	1996-2006	8
Toyota	Prius V	2012-2014	19	VW	Lupo	1998-2005	8
Toyota	RAV 4	2005-2017	5	VW	New Beetle	1998-2010	8
Toyota	RAV4	2006-2018	19	VW	New Beetle	1998-2010	9
Toyota	Sequoia	2017-2019	4	VW	New Beetle	1998-2010	23
Toyota	Sienna	2007-2009	4	VW	Passat	1997-2001	8
Toyota	Solara	2002-2008	4	VW	Passat	2010-2014	9
Toyota	Supra	1993-2002	5	VW	Passat	2014-2019	23
Toyota	Tacoma	2016-2018	4	VW	Passat CC	2008-2012	9
Toyota	Tarago III	2005-2017	5	VW	Phaeton	2012-2016	23
Toyota	Tarago III	2005-2017	5	VW	Polo	1995-2002	8
Toyota	Tundra	2016-2019	4	VW	Polo	2001-2009	8
Toyota	Venza	2013-2015	4	VW	Polo	2009-2020	23
Toyota	Yaris	2005-2017	5	VW	Polo 6R, 6C	2010-2019	9
Toyota	Yaris	2011-2018	4	VW	Polo 6R	2009-2010	9
Volvo	850	1992-1994	7	VW	Polo 9N	2001-2009	9
Volvo	C30	2006-2012	15	VW	Quantum	1982-1988	11
Volvo	C70	2006-2013	15	VW	Rabbit	1975-1984	11
Volvo	S40	2004-2012	15	VW	Rabbit Convertible	1980-1984	11
Volvo	S60	2010-2020	15	VW	Rabbit Pickup	1980-1983	11
Volvo	S80	2006-2017	15	VW	Scirocco	1975-1988	11
Volvo	V40	2012-2019	15	VW	Scirocco	2009-2017	9
Volvo	V50	2004-2012	15	VW	Scirocco	2015-2018	23
Volvo	V60	2010-2019	15	VW	Sharan	1995-2010	8
Volvo	V70	2007-2016	15	VW	Sharan	1995-2010	18
Volvo	XC60	2008-2017	15	VW	Sharan	2010-2015	23
Volvo	XC70	2007-2017	15	VW	Tiguan	2010-2018	23
VW	Amarok	2011-2018	9	VW	Tiguan	2012-2019	9
VW	Amarok 2H	2010-2016	23	VW	Touareq	2010-2019	9
VW	Artéon	2017-2018	23	VW	Touareq	2010-2020	23
VW	Beetle	2012-2019	23	VW	Touran	2003-2010	9
VW	Bora	1998-2005	8	VW	Touran	2015-2019	23
VW	Cabriolet	1985-1993	11	VW	Transporter	1990-2003	8
VW	Caddy	1995-2004	8	VW	Transporter	2003-2016	9
VW	Caddy	2001-2016	9	VW	Transporter	2010-2015	23
VW	Caddy	2004-2016	23	VW	Transporter/Caravelle	2003-2017	9
VW	CC	2011-2016	23	VW	Up	2011-2017	9
VW	Crafter 30-35	2006-2017	9	VW	UP	2011-2020	23
VW	Dasher	1979-1981	11	VW	UP! / e-UP! 1S	2011-2016	23