

# Pro**Meister**



## User Guide

### COOLING SYSTEM LEAKAGE TESTER AND VACUUM-TYPE COOLANT REFILLING KIT

Produced in Taiwan for  
**Bileko Car Parts AB**  
P.O. Box 542  
S-645 25 Strängnäs, Sweden  
Tel: +46 771 72 00 00  
[www.promeister.com](http://www.promeister.com)

PATENTED 

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RVNR-03

## Features

- Set for testing leaks in automotive cooling system and refill new coolant by creating a vacuum in cooling system
- Includes 17 adapters for major vehicle brands on market
- Adapters and pump are made of light weight and durable nylon 6-6
- Connectors (blue and black) are for testing pressure caps
- Includes a thermometer for safety reasons

## Specifications



| No | Description              | Specifications                   | Material  |
|----|--------------------------|----------------------------------|-----------|
| 1  | Pressure Pump            | 0-2.5kg/cm <sup>2</sup> (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. 19                  | Nylon 6-6 |
| 7  | O-ring                   | Various sizes                    | NBR       |
| 8  | Conical Adapter          | Universally applicable           | Rubber    |
| 9  | Coolant Hose             | L: 1200mm                        | PVC       |
| 10 | Air Bleeding Hose        | ø8x12x600mm                      | PVC       |
| A  | Vacuum Gauge -76 - 0inHg |                                  |           |
| B  | Shop Air Connector       |                                  |           |
| C  | Air Switch               |                                  |           |
| D  | Air Bleeding Exit        |                                  |           |
| E  | Air Control Valve        |                                  |           |
| F  | Hook and Chain           |                                  |           |
| G  | Coolant Control Valve    |                                  |           |
| H  | Coolant Hose Connector   |                                  |           |
| I  | Test Cap Connector       |                                  |           |

## Instructions

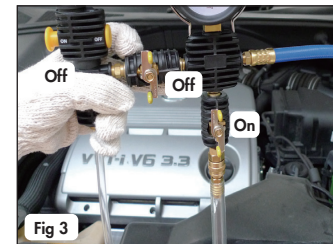
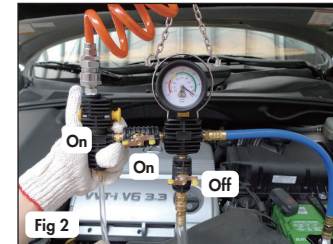


**CAUTION**



- 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 or entrust local organisation to handle used/wasted parts

## Instructions



### 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 an air line to Air Supply (D).
- 4) Connect the Universal conical adapter (J) or a suitable adapter onto the radiator filler neck (as in Fig 1).
- 5) Turn on the Air Switch (E) and Air Control Valve (C), 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 (G) and then Air Switch (E).
- 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 (L) to the Coolant Hose Connector (H).
- 9) Put the hose into a container filled with pre-mixed new coolant.
- 10) Turn on the Coolant Control Valve (G) (while the Air Control Valve (C) and Air Switch (E) 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) Before putting the gauge back to the case, remove the residual coolant in the gauge.

### 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 leaks on the radiator 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.

# Applications

The application below is for reference only. More vehicle applications are possible. Some car models may have multiple suitable adapters due to variations in body style (e.g. sedan, hatchback, or cabriolet), engine size and capacity (e.g. 1.6L, 1.8L, 2.4L), and engine numbers.

| Make       | Model        | Year      | Adapter | Remarks          |
|------------|--------------|-----------|---------|------------------|
| Alfa Romeo | 145          | 1996-2001 | 7       |                  |
| Alfa Romeo | 146          | 1994-2001 | 7       |                  |
| Alfa Romeo | 147          | 2001-2010 | 7       |                  |
| Alfa Romeo | 156          | 1997-2006 | 7       |                  |
| Alfa Romeo | 164          | 1987-1998 | 7       |                  |
| Alfa Romeo | 166          | 1998-2007 | 7       |                  |
| Alfa Romeo | Giulietta    | 2010-2020 | 7       |                  |
| Alfa Romeo | GT           | 2003-2010 | 7       |                  |
| Alfa Romeo | GTV          | 1994-2005 | 7       |                  |
| Alfa Romeo | MiTo         | 2008-2018 | 7       |                  |
| Alfa Romeo | Spider       | 1994-2005 | 7       |                  |
| Alfa Romeo | Stelvio      | 2017-2024 | 7 & 12  |                  |
| Alfa Romeo | Tonale       | 2022-2024 | 12      |                  |
| Audi       | 80           | 1991-1996 | 11      |                  |
| Audi       | 100          | 1982-1991 | 11      |                  |
| Audi       | A1           | 2010-2023 | 9       |                  |
| Audi       | A2           | 2000-2005 | 8       |                  |
| Audi       | A3           | 1996-2003 | 8       |                  |
| Audi       | A3           | 2003-2023 | 9       |                  |
| Audi       | A4           | 1994-2000 | 11      |                  |
| Audi       | A4           | 2000-2005 | 8       |                  |
| Audi       | A4           | 2004-2023 | 9       |                  |
| Audi       | A5           | 2007-2023 | 9       |                  |
| Audi       | A6           | 1994-1997 | 11      |                  |
| Audi       | A6           | 1997-2011 | 8       |                  |
| Audi       | A6           | 2010-2023 | 9       |                  |
| Audi       | A7           | 2010-2023 | 9       |                  |
| Audi       | A8           | 1994-2002 | 11      |                  |
| Audi       | A8           | 2002-2010 | 8       |                  |
| Audi       | A8           | 2010-2023 | 9       |                  |
| Audi       | Q3           | 2013-2023 | 9       |                  |
| Audi       | Q5           | 2008-2023 | 9       |                  |
| Audi       | Q7           | 2006-2015 | 8       |                  |
| Audi       | R8 Spyder    | 2010-2015 | 8       |                  |
| Audi       | TT           | 2002-2006 | 8       |                  |
| Audi       | TT           | 2006-2023 | 9       |                  |
| BMW        | 1 Series E81 | 2004-2013 | 17      |                  |
| BMW        | 1 Series F20 | 2012-2019 | 17      |                  |
| BMW        | 2 Series F22 | 2014-2021 | 17      |                  |
| BMW        | 2 Series F45 | 2014-2021 | 18      |                  |
| BMW        | 2 Series G42 | 2021-2024 | 17      |                  |
| BMW        | 3 Series E46 | 1998-2006 | 10      |                  |
| BMW        | 3 Series E90 | 2005-2013 | 17      |                  |
| BMW        | 3 Series F30 | 2012-2019 | 17      |                  |
| BMW        | 3 Series G20 | 2019-2024 | 17      |                  |
| BMW        | 4 Series F32 | 2013-2021 | 17      |                  |
| BMW        | 4 Series G22 | 2020-2024 | 17      |                  |
| BMW        | 5 Series E39 | 2000-2003 | 10      |                  |
| BMW        | 5 Series E60 | 2003-2010 | 10      | diesel engines   |
| BMW        | 5 Series E60 | 2003-2010 | 17      | gasoline engines |
| BMW        | 5 Series F10 | 2010-2017 | 10      | N53, S63 engines |
| BMW        | 5 Series F10 | 2010-2017 | 17      | All engines      |
| BMW        | 5 Series G30 | 2017-2024 | 17      |                  |
| BMW        | 6 Series E63 | 2004-2010 | 17      | All engines      |
| BMW        | 6 Series E63 | 2007-2010 | 10      | M57 engines      |
| BMW        | 6 Series F12 | 2011-2018 | 10      | N63, S63 engines |
| BMW        | 6 Series F12 | 2011-2018 | 17      | N55, N57 engines |
| BMW        | 6 Series G32 | 2017-2021 | 17      |                  |
| BMW        | 7 Series E65 | 2001-2008 | 10      |                  |
| BMW        | 7 Series F01 | 2008-2015 | 17      |                  |
| BMW        | 7 Series G11 | 2016-2021 | 17      |                  |
| BMW        | 8 Series G14 | 2018-2024 | 17      |                  |
| BMW        | i3           | 2013-2021 | 18      | BEV              |
| BMW        | i8           | 2014-2020 | 17      |                  |
| BMW        | X1 E84       | 2009-2015 | 17      |                  |
| BMW        | X1 F48       | 2015-2021 | 18      |                  |
| BMW        | X2 F39       | 2018-2021 | 18      |                  |
| BMW        | X3 E83       | 2003-2010 | 10      |                  |
| BMW        | X3 F25       | 2011-2017 | 17      |                  |
| BMW        | X3 G01       | 2018-2024 | 17 & 18 |                  |

| Make      | Model        | Year      | Adapter | Remarks          |
|-----------|--------------|-----------|---------|------------------|
| BMW       | X4 F26       | 2014-2018 | 17      |                  |
| BMW       | X4 G02       | 2019-2024 | 17      |                  |
| BMW       | X5 E53       | 2000-2006 | 10      |                  |
| BMW       | X5 E70       | 2007-2013 | 17      |                  |
| BMW       | X5 F15       | 2013-2018 | 17 & 18 |                  |
| BMW       | X5 G05       | 2018-2024 | 17      |                  |
| BMW       | X6 E71       | 2008-2014 | 17      |                  |
| BMW       | X6 E72       | 2009-2010 | 17 & 18 |                  |
| BMW       | X6 F16       | 2015-2019 | 17      |                  |
| BMW       | X6 G06       | 2019-2024 | 17      |                  |
| BMW       | X7 G07       | 2019-2024 | 17      |                  |
| BMW       | Z4 E85       | 2002-2008 | 10      |                  |
| BMW       | Z4 E89       | 2009-2016 | 17      |                  |
| Buick     | Avenue       | 2002-2005 | 3       |                  |
| Buick     | Cascada      | 2016-2019 | 12      |                  |
| Buick     | Century      | 2002-2005 | 3       |                  |
| Buick     | Enclave      | 2018-2023 | 12      |                  |
| Buick     | Encore       | 2013-2021 | 12      |                  |
| Buick     | Encore GX    | 2020-2021 | 12      |                  |
| Buick     | Envision     | 2016-2023 | 12      |                  |
| Buick     | LaCrosse     | 2010-2019 | 12      |                  |
| Buick     | LeSabre      | 2002-2005 | 3       |                  |
| Buick     | Park Avenue  | 2002-2005 | 3       |                  |
| Buick     | Regal        | 2002-2004 | 3       |                  |
| Buick     | Regal        | 2012-2020 | 12      | Sportback, TourX |
| Buick     | Rendezvous   | 2002-2007 | 3       |                  |
| Buick     | Terraza      | 2005-2006 | 3       |                  |
| Buick     | Verano       | 2012-2017 | 12      |                  |
| Cadillac  | Catera       | 1997-2001 | 17      |                  |
| Cadillac  | CT4          | 2020-2023 | 12      |                  |
| Cadillac  | CT5          | 2020-2023 | 12      |                  |
| Cadillac  | CT6          | 2016-2020 | 12      |                  |
| Cadillac  | DeVille      | 1994-2005 | 3       |                  |
| Cadillac  | Eldorado     | 1993-2002 | 3       |                  |
| Cadillac  | ELR          | 2014-2016 | 12      |                  |
| Cadillac  | Escalade     | 2002-2022 | 12      | All variants     |
| Cadillac  | SRX          | 2010-2016 | 12      |                  |
| Cadillac  | XT4          | 2019-2023 | 12      |                  |
| Cadillac  | XT5          | 2017-2023 | 12      |                  |
| Cadillac  | XT6          | 2020-2023 | 12      |                  |
| Cadillac  | XTS          | 2013-2019 | 12      |                  |
| Chevrolet | Astro        | 2001-2005 | 3       |                  |
| Chevrolet | Aveo         | 2004-2011 | 6       |                  |
| Chevrolet | Aveo5        | 2007-2011 | 6       |                  |
| Chevrolet | Blazer       | 1995-2005 | 3       | S-10             |
| Chevrolet | Blazer       | 2019-2023 | 12      |                  |
| Chevrolet | City Express | 2015-2018 | 4       |                  |
| Chevrolet | Colorado     | 2015-2023 | 12      |                  |
| Chevrolet | Corvette     | 2014-2023 | 12      |                  |
| Chevrolet | Cruze        | 2011-2019 | 12      |                  |
| Chevrolet | Equinox      | 2018-2023 | 12      |                  |
| Chevrolet | Express      | 2003-2014 | 12      | All variants     |
| Chevrolet | Impala       | 2000-2005 | 3       |                  |
| Chevrolet | Impala       | 2012-2020 | 12      |                  |
| Chevrolet | Lumina       | 1993-2001 | 3       |                  |
| Chevrolet | Malibu       | 2013-2023 | 12      |                  |
| Chevrolet | Metro        | 1998-2001 | 5       |                  |
| Chevrolet | Prizm        | 1998-2002 | 5       |                  |
| Chevrolet | S10          | 1995-2004 | 3       |                  |
| Chevrolet | Silverado    | 1999-2023 | 12      | All variants     |
| Chevrolet | Sonic        | 2012-2020 | 12      |                  |
| Chevrolet | Spark        | 2013-2022 | 12      |                  |
| Chevrolet | Suburban     | 2000-2020 | 12      | All variants     |
| Chevrolet | Tracker      | 1999-2004 | 5       |                  |
| Chevrolet | Traillblazer | 2021-2023 | 12      |                  |
| Chevrolet | Traverse     | 2018-2021 | 12      |                  |
| Chevrolet | Trax         | 2015-2022 | 12      |                  |
| Chevrolet | Uplander     | 2005-2006 | 3       |                  |
| Chevrolet | Venture      | 2001-2005 | 3       |                  |
| Chevrolet | Volt         | 2011-2019 | 12      |                  |

| Make     | Model          | Year      | Adapter | Remarks          |
|----------|----------------|-----------|---------|------------------|
| Chrysler | 300            | 1999-2023 | 3       |                  |
| Chrysler | Aspen          | 2007-2009 | 3       |                  |
| Chrysler | Cirrus         | 1997-2000 | 3       |                  |
| Chrysler | Concorde       | 1998-2004 | 3       |                  |
| Chrysler | Crossfire      | 2003-2008 | 13      |                  |
| Chrysler | LHS            | 1997-2001 | 3       | except 2008      |
| Chrysler | Pacifica       | 2004-2008 | 3       |                  |
| Chrysler | Pacifica       | 2017-2024 | 12      |                  |
| Chrysler | PT Cruiser     | 2001-2010 | 3       |                  |
| Chrysler | Sebring        | 1997-2011 | 3       | All engines      |
| Chrysler | Sebring        | 2001-2005 | 5       | 2.4L (MT), 3.0L  |
| Chrysler | Town & Country | 2001-2016 | 3       |                  |
| Chrysler | Voyager        | 2000-2003 | 3       |                  |
| Chrysler | Voyager        | 2020-2024 | 12      |                  |
| Chrysler | 200            | 2012-2014 | 3       |                  |
| Chrysler | 200            | 2015-2017 | 12      |                  |
| Citroen  | Berlingo       | 1996-2008 | 3       |                  |
| Citroen  | C-Crosser      | 2007-2012 | 3       |                  |
| Citroen  | C1             | 2005-2014 | 5       | 1.0i             |
| Citroen  | C4 C4cross     | 2012-2017 | 3       |                  |
| Citroen  | C8             | 2002-2024 | 7       |                  |
| Citroen  | Dispatch       | 1995-2006 | 7       |                  |
| Citroen  | Jumpier        | 1993-2024 | 7       |                  |
| Citroen  | Nemo           | 2008-2024 | 7       |                  |
| Citroen  | Relay          | 2006-2024 | 7       |                  |
| Citroen  | Saxo           | 1995-2004 | 3       |                  |
| Citroen  | Synergie       | 1994-2002 | 7       |                  |
| Citroen  | Xantia         | 1995-2001 | 3       |                  |
| Citroen  | Xsara          | 1997-2006 | 3       |                  |
| Dodge    | Avenger        | 1997-2014 | 3       |                  |
| Dodge    | Caliber        | 2007-2012 | 3       |                  |
| Dodge    | Caravan        | 2001-2007 | 3       |                  |
| Dodge    | Challenger     | 2011-2024 | 3       |                  |
| Dodge    | Charger        | 2006-2024 | 3       |                  |
| Dodge    | Dakota         | 2001-2011 | 3       |                  |
| Dodge    | Dart           | 2012-2016 | 12      |                  |
| Dodge    | Durango        | 2011-2024 | 3       | All engines      |
| Dodge    | Durango        | 2016-2024 | 12      | 3.6L             |
| Dodge    | Express        | 2010-2011 | 3       |                  |
| Dodge    | Grand Caravan  | 2001-2010 | 3       |                  |
| Dodge    | Hornet         | 2023-2024 | 12      |                  |
| Dodge    | Intrepid       | 1998-2004 | 3       |                  |
| Dodge    | Journey        | 2009-2018 | 3       |                  |
| Dodge    | Magnum         | 2005-2007 | 3       |                  |
| Dodge    | Neon           | 2000-2005 | 3       |                  |
| Dodge    | Nitro          | 2007-2011 | 3       |                  |
| Dodge    | Ram 1500       | 1998-2010 | 3       |                  |
| Dodge    | Ram 2500       | 1998-2007 | 3       |                  |
| Dodge    | Ram 3500       | 1998-2007 | 3       |                  |
| Dodge    | Stratus        | 2000-2006 | 3       | 2.0L, 2.5L, 2.7L |
| Dodge    | Stratus        | 2002-2005 | 5       | 2.4L, 3.0L       |
| Dodge    | Viper          | 1997-2010 | 3       | Except 2007      |
| Dodge    | Viper          | 2013-2017 | 3       |                  |
| Fiat     | 500            | 2007-2023 | 7       | Fiat 500 Europe  |
| Fiat     | 500            | 2012-2020 | 3       | 1.4L (USA), EV   |
| Fiat     | 124 Spider     | 2017-2020 | 3       | 1.4L (USA)       |
| Fiat     | 500 C          | 2009-2023 | 7       |                  |
| Fiat     | 500L           | 2014-2020 | 7       |                  |
| Fiat     | 500X           | 2014-2023 | 12      |                  |
| Fiat     | Brava          | 1996-2002 | 7       |                  |
| Fiat     | Bravo          | 2007-2014 | 7       |                  |
| Fiat     | Doblo          | 2001-2023 | 7       |                  |
| Fiat     | Fiorino        | 2007-2023 | 7       |                  |
| Fiat     | Grande Punto   | 2005-2013 | 7       |                  |
| Fiat     | Idea           | 2004-2023 | 7       |                  |
| Fiat     | Linea          | 2007-2023 | 7       |                  |
| Fiat     | Marea          | 1996-2003 | 7       |                  |
| Fiat     | Multipla       | 1999-2010 | 7       |                  |
| Fiat     | Palio          | 1996-2023 | 7       |                  |
| Fiat     | Panda          | 2003-2023 | 7       |                  |
| Fiat     | Punto          | 1999-2012 | 7       |                  |
| Fiat     | Punto Evo      | 2009-2012 | 7       |                  |
| Fiat     | Qubo           | 2008-2023 | 7       |                  |
| Fiat     | Seicento / 600 | 1998-2009 | 7       |                  |
| Fiat     | Siena          | 1998-2012 | 7       |                  |
| Fiat     | Stilo          | 2001-2008 | 7       |                  |
| Fiat     | Strada         | 1999-2023 | 7       |                  |

| Make | Model          | Year      | Adapter | Remarks      |
|------|----------------|-----------|---------|--------------|
| Fiat | Ulysse         | 1994-2011 | 7       |              |
| Ford | B-Max          | 2012-2017 | 15      |              |
| Ford | Bronco         | 2021-2024 | 15      |              |
| Ford | Bronco Sport   | 2021-2024 | 15      |              |
| Ford | C-Max          | 2013-2018 | 15      |              |
| Ford | Contour        | 1995-1995 | 6       |              |
| Ford | Cougar         | 1998-2002 | 12      |              |
| Ford | Crown Victoria | 1993-2011 | 6       |              |
| Ford | E-Series       | 1997-2024 | 6       | All variants |
| Ford | E-Transit      | 2022-2023 | 15      | BEV          |
| Ford | EcoSport       | 2018-2022 | 15      |              |
| Ford | Edge           | 2007-2014 | 6       |              |
| Ford | Edge           | 2015-2024 | 15      |              |
| Ford | Escape         | 2001-2023 | 15      |              |
| Ford | Escort         | 1997-2003 | 3       |              |
| Ford | Excursion      | 2000-2005 | 6       |              |
| Ford | Expedition     | 1997-2017 | 3 or 6  |              |
| Ford | Expedition     | 2018-2024 | 15      |              |
| Ford | Explorer       | 2002-2005 | 6       |              |
| Ford | Explorer       | 2006-2010 | 4       |              |
| Ford | Explorer       | 2011-2019 | 6       |              |
| Ford | Explorer       | 2020-2024 | 15      |              |
| Ford | Explorer Sport | 2001-2010 | 3       | All variants |
| Ford | F-Series       | 1997-2015 | 6       | All variants |
| Ford | F-Series       | 2010-2014 | 4       | F-150 6.2L   |
| Ford | F-Series       | 2015-2024 | 15      | All variants |
| Ford | Fiesta         | 2011-2024 | 15      |              |
| Ford | Five Hundred   | 2005-2007 | 6       |              |
| Ford | Flex           | 2009-2019 | 6       |              |
| Ford | Focus          | 2012-2024 | 15      |              |
| Ford | Freestar       | 2004-2007 | 6       |              |
| Ford | Freestyle      | 2005-2007 | 6       |              |
| Ford | Fusion         | 2006-2012 | 6       |              |
| Ford | Fusion         | 2013-2020 | 15      |              |
| Ford | Galaxy         | 1995-2006 | 18      |              |
| Ford | Galaxy         | 2006-2024 | 15      |              |
| Ford | KA             | 1996-2008 | 12      |              |
| Ford | KA             | 2008-2016 | 7       |              |
| Ford | Kuga           | 2008-2024 | 15      |              |
| Ford | Maverick       | 2022-2024 | 15      |              |
| Ford | Mondeo         | 2007-2022 | 15      |              |
| Ford | Mustang        | 1996-2014 | 6       | All engines  |
| Ford | Mustang        | 1997-2004 | 3       | 3.8L, 3.9L   |
| Ford | Mustang        | 2015-2023 | 15      |              |
| Ford | Mustang Mach-E | 2021-2024 | 15      | BEV          |
| Ford | Probe          | 1990-1997 | 3       |              |
| Ford | Puma           | 1997-2002 | 12      |              |
| Ford | Puma           | 2019-2024 | 15      |              |
| Ford | Ranger         | 1997-2012 | 3       |              |
| Ford | Ranger         | 2019-2024 | 15      |              |
| Ford | S-Max          | 2006-2023 | 15      |              |
| Ford | Taurus         | 1996-2019 | 6       |              |

| Make     | Model          | Year      | Adapter | Remarks     |
|----------|----------------|-----------|---------|-------------|
| Honda    | Insight        | 2000-2006 | 5       |             |
| Honda    | Insight        | 2010-2014 | 5       |             |
| Honda    | Insight        | 2019-2022 | 5       |             |
| Honda    | Odyssey        | 1995-2024 | 5       |             |
| Honda    | Passport       | 1997-2002 | 4       |             |
| Honda    | Passport       | 2019-2024 | 5       |             |
| Honda    | Pilot          | 2003-2024 | 5       |             |
| Honda    | Prelude        | 1993-2001 | 5       |             |
| Honda    | Ridgeline      | 2006-2014 | 5       |             |
| Honda    | Ridgeline      | 2017-2024 | 5       |             |
| Honda    | S2000          | 2000-2009 | 5       |             |
| Hyundai  | Accent         | 1995-2023 | 4       |             |
| Hyundai  | Azera          | 2006-2017 | 4       |             |
| Hyundai  | Elantra        | 1992-2024 | 4       | All engines |
| Hyundai  | Entourage      | 2007-2008 | 4       |             |
| Hyundai  | Equus          | 2011-2016 | 4       |             |
| Hyundai  | Genesis        | 2009-2024 | 4       |             |
| Hyundai  | Kona           | 2018-2023 | 3       | 2.0L        |
| Hyundai  | Nexo           | 2019-2023 | 4       | Hydrogen    |
| Hyundai  | Palisade       | 2020-2023 | 3       |             |
| Hyundai  | Santa Fe       | 2001-2020 | 4       |             |
| Hyundai  | Sonata         | 1990-2019 | 4       |             |
| Hyundai  | Tiburon        | 1997-2009 | 4       |             |
| Hyundai  | Tucson         | 2005-2015 | 3       |             |
| Hyundai  | Veloster       | 2012-2018 | 3       |             |
| Hyundai  | Veloster       | 2019-2021 | 4       | 2.0L        |
| Hyundai  | Venu           | 2020-2023 | 4       |             |
| Hyundai  | Veracruz       | 2002-2012 | 4       |             |
| Infiniti | EX             | 2007-2013 | 4       |             |
| Infiniti | FX             | 2002-2013 | 4       |             |
| Infiniti | G37            | 2007-2015 | 4       |             |
| Infiniti | M              | 2011-2019 | 4       |             |
| Infiniti | Q30            | 2015-2022 | 13      | M274, OM651 |
| Infiniti | Q45            | 2001-2006 | 4       |             |
| Infiniti | Q50            | 2013-2024 | 4       | 3.5 Hybrid  |
| Infiniti | Q50            | 2016-2022 | 13      | M274, OM651 |
| Infiniti | Q60            | 2013-2022 | 4       |             |
| Infiniti | Q60            | 2016-2022 | 13      | M274        |
| Infiniti | Q70            | 2013-2019 | 4       |             |
| Infiniti | Q70            | 2013-2019 | 13      | OM651       |
| Infiniti | QX30           | 2017-2019 | 13      | M270, OM651 |
| Infiniti | QX4            | 1997-2003 | 4       |             |
| Infiniti | QX56           | 2011-2024 | 4       |             |
| Infiniti | QX70           | 2013-2017 | 4       |             |
| Jaguar   | E-Pace         | 2017-2023 | 15      |             |
| Jaguar   | F-Pace         | 2015-2024 | 6       |             |
| Jaguar   | F-Type         | 2012-2024 | 6       |             |
| Jaguar   | I-Pace         | 2019-2024 | 15      | BEV         |
| Jaguar   | S-Type         | 1999-2008 | 6       |             |
| Jaguar   | X-Type         | 2001-2009 | 15      |             |
| Jaguar   | XE             | 2015-2024 | 6       |             |
| Jaguar   | XF             | 2008-2024 | 6       |             |
| Jaguar   | XJ             | 1996-2003 | 15      |             |
| Jaguar   | XJ             | 2003-2019 | 6       |             |
| Jaguar   | XK             | 1996-2006 | 15      |             |
| Jaguar   | XK             | 2006-2014 | 6       |             |
| Jeep     | Cherokee       | 1997-2001 | 3       |             |
| Jeep     | Cherokee       | 2014-2023 | 12      |             |
| Jeep     | Commander      | 2006-2010 | 3       |             |
| Jeep     | Compass        | 2007-2018 | 3       |             |
| Jeep     | Compass        | 2017-2024 | 12      |             |
| Jeep     | Gladiator      | 2020-2024 | 12      |             |
| Jeep     | Grand Cherokee | 1999-2018 | 3       |             |
| Jeep     | Grand Cherokee | 2016-2024 | 12      |             |
| Jeep     | Grand Wagoneer | 2022-2024 | 12      |             |
| Jeep     | Liberty        | 2002-2012 | 3       |             |
| Jeep     | Patriot        | 2007-2017 | 3       |             |
| Jeep     | Renegade       | 2015-2023 | 12      |             |
| Jeep     | Wagoneer       | 2022-2024 | 12      |             |
| Jeep     | Wrangler       | 1999-2017 | 3       |             |
| Jeep     | Wrangler       | 2018-2024 | 12      |             |
| Kia      | Borrego        | 2008-2012 | 4       |             |
| Kia      | Cadenza        | 2013-2019 | 4       |             |
| Kia      | Forte          | 2009-2023 | 4       |             |
| Kia      | K900           | 2015-2017 | 4       |             |
| Kia      | Optima         | 2000-2020 | 4       |             |
| Kia      | Rio            | 2000-2023 | 4       |             |

| Make        | Model             | Year      | Adapter | Remarks |
|-------------|-------------------|-----------|---------|---------|
| Kia         | Rondo             | 2006-2011 | 4       |         |
| Kia         | Sedona            | 2001-2021 | 4       |         |
| Kia         | Sephia            | 1997-2001 | 4       |         |
| Kia         | Sorento           | 2003-2020 | 4       |         |
| Kia         | Soul              | 2009-2019 | 4       |         |
| Kia         | Spectra           | 2000-2009 | 4       |         |
| Kia         | Sportage          | 1997-2016 | 4       |         |
| Kia         | Stinger           | 2018-2021 | 4       |         |
| Kia         | Telluride         | 2020-2024 | 4       |         |
| Lamborghini | Aventador         | 2012-2022 | 9       |         |
| Lamborghini | Diablo            | 1990-2001 | 3       |         |
| Lamborghini | Gallardo          | 2004-2014 | 9       |         |
| Lamborghini | Huracan           | 2014-2024 | 9       |         |
| Lamborghini | Murcielago        | 2002-2010 | 11      |         |
| Land Rover  | Defender          | 2020-2024 | 6       |         |
| Land Rover  | Discovery         | 1998-2004 | 10      |         |
| Land Rover  | Discovery         | 2004-2023 | 6       |         |
| Land Rover  | Discovery Sport   | 2014-2023 | 15      |         |
| Land Rover  | Freelander        | 2006-2014 | 15      |         |
| Land Rover  | Range Rover       | 1994-2002 | 10      |         |
| Land Rover  | Range Rover       | 2002-2022 | 6       |         |
| Land Rover  | R. Rover Evoque   | 2011-2023 | 15      |         |
| Land Rover  | Range Rover Sport | 2005-2022 | 6       |         |
| Land Rover  | Range Rover Velar | 2017-2023 | 6       |         |
| Lexus       | CT200h            | 2011-2017 | 19      |         |
| Lexus       | ES250             | 2021-2023 | 19      |         |
| Lexus       | ES300             | 1992-2003 | 4       |         |
| Lexus       | ES300h            | 2013-2023 | 5 & 19  |         |
| Lexus       | ES330             | 2004-2006 | 4       |         |
| Lexus       | ES350             | 2007-2023 | 5       |         |
| Lexus       | GS F              | 2016-2020 | 19      |         |
| Lexus       | GS200t            | 2016-2017 | 19      |         |
| Lexus       | GS300             | 1998-2006 | 5       |         |
| Lexus       | GS300             | 2018-2019 | 19      |         |
| Lexus       | GS350             | 2016-2020 | 19      |         |
| Lexus       | GS400             | 1998-2000 | 5       |         |
| Lexus       | GS430             | 2001-2007 | 5       |         |
| Lexus       | GS450h            | 2013-2018 | 19      |         |
| Lexus       | GS460             | 2008-2011 | 19      |         |
| Lexus       | GX460             | 2015-2023 | 5       |         |
| Lexus       | GX550             | 2024-2024 | 19      |         |
| Lexus       | HS250h            | 2010-2012 | 19      |         |
| Lexus       | IS F              | 2008-2014 | 19      |         |
| Lexus       | IS200t            | 2016-2017 | 19      |         |
| Lexus       | IS250             | 2015-2015 | 5       |         |
| Lexus       | IS300             | 2001-2017 | 5       |         |
| Lexus       | IS300             | 2018-2023 | 5 & 19  |         |
| Lexus       | IS350             | 2015-2023 | 5       |         |
| Lexus       | IS350             | 2018-2022 | 19      |         |
| Lexus       | IS500             | 2022-2023 | 19      |         |
| Lexus       | LC500             | 2018-2023 | 19      |         |
| Lexus       | LC500h            | 2018-2023 | 19      |         |
| Lexus       | LM300h            | 2020-2023 | 19      |         |
| Lexus       | LM350             | 2020-2023 | 19      |         |
| Lexus       | LM350h            | 2023-2024 | 19      |         |
| Lexus       | LM500h            | 2023-2024 | 19      |         |
| Lexus       | LS400             | 1998-2000 | 5       |         |
| Lexus       | LS430             | 2001-2006 | 5       |         |
| Lexus       | LS460             | 2007-2017 | 19      |         |
| Lexus       | LS500             | 2018-2023 | 19      |         |
| Lexus       | LS500h            | 2018-2023 | 19      |         |
| Lexus       | LS600h            | 2008-2016 | 19      |         |
| Lexus       | LSX70             | 2013-2017 | 5       |         |
| Lexus       | LX600             | 2022-2023 | 19      |         |
| Lexus       | NX200t            | 2015-2017 | 19      |         |
| Lexus       | NX300             | 2018-2021 | 19      |         |
| Lexus       | NX300h            | 2015-2021 | 19      |         |
| Lexus       | NX350             | 2022-2023 | 19      |         |
| Lexus       | NX350h            | 2022-2023 | 19      |         |
| Lexus       | NX450h+           | 2022-2023 | 19      |         |
| Lexus       | RC F              | 2015-2023 | 19      |         |
| Lexus       | RC200t            | 2016-2017 | 19      |         |
| Lexus       | RC300             | 2016-2018 | 5       |         |
| Lexus       | RC300             | 2018-2023 | 19      |         |
| Lexus       | RC350             | 2015-2018 | 5       |         |
| Lexus       | RC350             | 2018-2023 | 19      |         |
| Lexus       | RCX00             | 1999-2003 | 5       |         |

| Make          | Model          | Year      | Adapter | Remarks          |
|---------------|----------------|-----------|---------|------------------|
| Lexus         | RX330          | 2004-2006 | 5       |                  |
| Lexus         | RX350          | 2007-2022 | 5       |                  |
| Lexus         | RX350L         | 2018-2022 | 5       |                  |
| Lexus         | RX400h         | 2006-2008 | 5       |                  |
| Lexus         | RX450h         | 2010-2022 | 5 & 19  |                  |
| Lexus         | RX450hL        | 2018-2022 | 5 & 19  |                  |
| Lexus         | RZ500e         | 2024-2024 | 19      | BEV              |
| Lexus         | SC300          | 1992-2000 | 5       |                  |
| Lexus         | SC400          | 1998-2000 | 5       |                  |
| Lexus         | SC430          | 2002-2010 | 5       |                  |
| Lexus         | UX200          | 2019-2020 | 19      |                  |
| Lexus         | UX250h         | 2019-2023 | 19      |                  |
| Maserati      | 4200 GT        | 2001-2007 | 7       |                  |
| Maserati      | Ghibli         | 2013-2024 | 7       |                  |
| Maserati      | Gran Turismo   | 2007-2019 | 7       |                  |
| Maserati      | Grancabrio     | 2010-2019 | 7       |                  |
| Maserati      | Grecale        | 2022-2024 | 7       |                  |
| Maserati      | Levante        | 2016-2024 | 7       |                  |
| Maserati      | Quattroporte   | 2004-2012 | 7       |                  |
| Maserati      | Quattroporte   | 2013-2024 | 7       |                  |
| Mazda         | 2              | 2002-2015 | 5 or 15 |                  |
| Mazda         | 3              | 2003-2024 | 4 or 15 |                  |
| Mazda         | 5              | 2004-2018 | 5 or 15 |                  |
| Mazda         | 6              | 2003-2021 | 4 or 15 |                  |
| Mazda         | 626            | 1993-2002 | 4       |                  |
| Mazda         | B-Series       | 1994-2009 | 4 or 6  | All variants     |
| Mazda         | BT-50          | 2011-2020 | 15      |                  |
| Mazda         | CX-3           | 2016-2021 | 4       |                  |
| Mazda         | CX-30          | 2020-2024 | 4       |                  |
| Mazda         | CX-5           | 2013-2024 | 4       |                  |
| Mazda         | CX-50          | 2023-2024 | 4       |                  |
| Mazda         | CX-7           | 2007-2012 | 4       |                  |
| Mazda         | CX-9           | 2006-2024 | 4       |                  |
| Mazda         | Miata          | 1999-2005 | 4       |                  |
| Mazda         | Milena         | 1995-2002 | 4       |                  |
| Mazda         | MPV            | 2000-2006 | 4       |                  |
| Mazda         | MX-30          | 2022-2024 | 4       | BEV              |
| Mazda         | MX-5 Miata     | 2006-2024 | 4       |                  |
| Mazda         | MX-6           | 1993-1997 | 4       |                  |
| Mazda         | Protege        | 1999-2003 | 5       |                  |
| Mazda         | Protege5       | 2002-2003 | 4       |                  |
| Mazda         | RX-8           | 2005-2011 | 4       |                  |
| Mazda         | Tribute        | 2001-2011 | 15      | Except 2007      |
| Mercedes-Benz | A-Class W168   | 1997-2004 | 16      |                  |
| Mercedes-Benz | A-Class W169   | 2004-2012 | 16      |                  |
| Mercedes-Benz | A-Class W176   | 2012-2018 | 13      |                  |
| Mercedes-Benz | A-Class W177   | 2018-2024 | 13      |                  |
| Mercedes-Benz | B-Class W245   | 2005-2011 | 16      |                  |
| Mercedes-Benz | B-Class W246   | 2011-2019 | 13      |                  |
| Mercedes-Benz | B-Class W247   | 2018-2024 | 13      |                  |
| Mercedes-Benz | C-Class W203   | 2000-2007 | 13      |                  |
| Mercedes-Benz | C-Class W203   | 2000-2007 | 13      |                  |
| Mercedes-Benz | C-Class W204   | 2007-2015 | 13      |                  |
| Mercedes-Benz | C-Class W204   | 2007-2015 | 13      |                  |
| Mercedes-Benz | C-Class W205   | 2014-2021 | 13      |                  |
| Mercedes-Benz | C-Class W205   | 2014-2021 | 13      |                  |
| Mercedes-Benz | C-Class W206   | 2021-2024 | 13      |                  |
| Mercedes-Benz | CL-Class C215  | 1999-2016 | 13      |                  |
| Mercedes-Benz | CL-Class C216  | 2006-2014 | 13      |                  |
| Mercedes-Benz | CLA-Class C117 | 2013-2018 | 13      |                  |
| Mercedes-Benz | CLA-Class C118 | 2019-2024 | 13      |                  |
| Mercedes-Benz | CLK-Class C209 | 2002-2010 | 13      |                  |
| Mercedes-Benz | CLK-Class W208 | 1997-2003 | 3       |                  |
| Mercedes-Benz | CLK-Class W208 | 1997-2003 | 13      |                  |
| Mercedes-Benz | CLS-Class C218 | 2011-2017 | 13      |                  |
| Mercedes-Benz | CLS-Class C219 | 2004-2010 | 13      |                  |
| Mercedes-Benz | CLS-Class C257 | 2018-2024 | 13      |                  |
| Mercedes-Benz | E-Class W210   | 1995-2003 | 3       | M111, OM602, 605 |
| Mercedes-Benz | E-Class W210   | 1995-2003 | 13      |                  |
| Mercedes-Benz | E-Class W211   | 2003-2009 | 13      |                  |
| Mercedes-Benz | E-Class W212   | 2009-2016 | 13      |                  |
| Mercedes-Benz | E-Class W213   | 2016-2024 | 13      |                  |
| Mercedes-Benz | EQA H243       | 2021-2024 | 13      | BEV              |
| Mercedes-Benz | EQB X243       | 2021-2024 | 13      | BEV              |
| Mercedes-Benz | EQC N293       | 2019-2024 | 13      | BEV              |
| Mercedes-Benz | eVito W447     | 2019-2024 | 13      | BEV              |
| Mercedes-Benz | G-Class W463   | 1997-2008 | 3       | M112, M113       |

| Make          | Model           | Year      | Adapter | Remarks       |
|---------------|-----------------|-----------|---------|---------------|
| Mercedes-Benz | G-Class W463    | 2002-2024 | 13      |               |
| Mercedes-Benz | GL-Class X164   | 2006-2012 | 13      |               |
| Mercedes-Benz | GL-Class X166   | 2012-2019 | 13      |               |
| Mercedes-Benz | GLA-Class H247  | 2020-2023 | 13      |               |
| Mercedes-Benz | GLA-Class X156  | 2014-2020 | 13      |               |
| Mercedes-Benz | GLB-Class X247  | 2019-2024 | 13      |               |
| Mercedes-Benz | GLC-Class X253  | 2016-2022 | 13      |               |
| Mercedes-Benz | GLE-Class W166  | 2012-2019 | 13      |               |
| Mercedes-Benz | GLE-Class W167  | 2018-2024 | 13      |               |
| Mercedes-Benz | GLK-Class X204  | 2008-2015 | 13      |               |
| Mercedes-Benz | GLS-Class X167  | 2019-2023 | 13      |               |
| Mercedes-Benz | ML-Class W163   | 1998-2005 | 6       |               |
| Mercedes-Benz | ML-Class W164   | 2006-2011 | 13      |               |
| Mercedes-Benz | R-Class W251    | 2007-2014 | 13      |               |
| Mercedes-Benz | S-Class W220    | 1998-2005 | 13      |               |
| Mercedes-Benz | S-Class W221    | 2005-2013 | 13      |               |
| Mercedes-Benz | S-Class W222    | 2013-2020 | 13      |               |
| Mercedes-Benz | S-Class W223    | 2020-2024 | 13      |               |
| Mercedes-Benz | SL-Class R230   | 2002-2012 | 13      |               |
| Mercedes-Benz | SL-Class R231   | 2012-2020 | 13      |               |
| Mercedes-Benz | SLK-Class R170  | 1996-2004 | 3       | M111          |
| Mercedes-Benz | SLK-Class R170  | 1996-2004 | 13      | M112          |
| Mercedes-Benz | SLK-Class R171  | 2004-2011 | 13      |               |
| Mercedes-Benz | SLK-Class R172  | 2011-2020 | 13      |               |
| Mercedes-Benz | SL AMG C197     | 2011-2015 | 13      |               |
| Mercedes-Benz | Sprinter        | 2000-2006 | 3       | All variants  |
| Mercedes-Benz | Vaneo W414      | 2002-2005 | 16      |               |
| Mni           | Clubman         | 2006-2024 | 18      |               |
| Mni           | Convertible     | 2007-2015 | 18      | R57           |
| Mni           | Cooper Electric | 2020-2024 | 18      | BEV           |
| Mni           | Countryman      | 2010-2024 | 18      |               |
| Mni           | Coupe           | 2010-2015 | 18      |               |
| Mni           | Hatchback       | 2005-2024 | 18      | R56, F55, F56 |
| Mni           | Paceman</       |           |         |               |

| Make     | Model          | Year      | Adapter | Remarks           |
|----------|----------------|-----------|---------|-------------------|
| Nissan   | Versa Note     | 2013-2019 | 4       |                   |
| Nissan   | Xterra         | 2000-2015 | 4       |                   |
| Opel     | Adam           | 2012-2019 | 12      |                   |
| Opel     | Agila          | 2007-2014 | 5       |                   |
| Opel     | Ampera         | 2011-2019 | 12      |                   |
| Opel     | Ampera-e       | 2017-2020 | 12      | Electric          |
| Opel     | Cascada        | 2013-2019 | 12      |                   |
| Opel     | Combo          | 2012-2018 | 7       |                   |
| Opel     | Corsa          | 2006-2019 | 12      |                   |
| Opel     | Frontera       | 1998-2004 | 3       |                   |
| Opel     | Insignia       | 2008-2017 | 12      |                   |
| Opel     | Karl           | 2014-2019 | 12      |                   |
| Opel     | Meriva         | 2010-2017 | 12      |                   |
| Opel     | Mokka          | 2013-2024 | 12      |                   |
| Opel     | Zafira         | 2011-2019 | 12      |                   |
| Peugeot  | 106            | 1995-2003 | 3       | TUD5Y             |
| Peugeot  | 107            | 2005-2014 | 5       | 1.0i              |
| Peugeot  | 306            | 1999-2002 | 3       |                   |
| Peugeot  | 406            | 1999-2004 | 3       |                   |
| Peugeot  | 4007           | 2007-2012 | 3       |                   |
| Peugeot  | 4008           | 2012-2018 | 3       |                   |
| Peugeot  | Boxer          | 1993-2024 | 7       |                   |
| Peugeot  | 806            | 1994-2002 | 7       |                   |
| Polestar | Polestar 1     | 2018-2022 | 15      | PHEV              |
| Polestar | Polestar 2     | 2021-2024 | 15      | BEV               |
| Porsche  | 911 (992)      | 2020-2024 | 9       |                   |
| Porsche  | 911 (996)      | 1998-2005 | 11      |                   |
| Porsche  | 911 (997)      | 2005-2012 | 11      |                   |
| Porsche  | Boxster 986    | 1997-2004 | 11      |                   |
| Porsche  | Boxster 987    | 2005-2012 | 11      |                   |
| Porsche  | Cayenne        | 2003-2010 | 8       |                   |
| Porsche  | Cayenne        | 2010-2024 | 9       |                   |
| Porsche  | Macan          | 2014-2018 | 9       |                   |
| Porsche  | Panamera       | 2009-2016 | 8       |                   |
| RAM      | 1500           | 2011-2023 | 3 or 12 |                   |
| RAM      | 2500           | 2013-2018 | 3       | 5.7L              |
| RAM      | 2500           | 2013-2024 | 12      | 6.4L; 6.7L Diesel |
| RAM      | 2500           | 2016-2016 | 7       | 3.6L; 3.0L Diesel |
| RAM      | 3500           | 2011-2018 | 3       | 5.7L              |
| RAM      | 3500           | 2013-2024 | 12      | 6.4L; 6.7L Diesel |
| RAM      | 4500           | 2011-2012 | 3       |                   |
| RAM      | 4500           | 2013-2018 | 12      |                   |
| RAM      | 5500           | 2011-2012 | 3       |                   |
| RAM      | 5500           | 2013-2018 | 12      |                   |
| RAM      | Base           | 2013-2013 | 3       |                   |
| RAM      | C/V            | 2014-2014 | 3       |                   |
| RAM      | Dakota         | 2011-2011 | 3       |                   |
| RAM      | ProMaster      | 2014-2018 | 7       | All variants      |
| RAM      | ProMaster City | 2015-2024 | 7       |                   |
| Saab     | 9-3            | 1998-2015 | 6       |                   |
| Saab     | 9-5            | 1997-2009 | 6       |                   |
| Scion    | iM             | 2016-2016 | 19      |                   |
| Scion    | iQ             | 2013-2013 | 19      |                   |
| Scion    | iC             | 2011-2016 | 19      |                   |
| Scion    | xB             | 2008-2015 | 19      |                   |
| SEAT     | Alhambra       | 1996-2010 | 18      |                   |
| SEAT     | Alhambra       | 2010-2020 | 9       |                   |
| SEAT     | Altea          | 2004-2015 | 9       |                   |
| SEAT     | Arosa          | 1997-2004 | 8       |                   |
| SEAT     | Cordoba        | 1993-2009 | 8       |                   |
| SEAT     | Eseo           | 2009-2013 | 9       |                   |
| SEAT     | Ibiza          | 1984-2009 | 8       |                   |
| SEAT     | Ibiza          | 2008-2024 | 9       |                   |
| SEAT     | Inca           | 1995-2003 | 8       |                   |
| SEAT     | Leon           | 1999-2006 | 8       |                   |
| SEAT     | Leon           | 2005-2024 | 9       |                   |
| SEAT     | Mii            | 2011-2020 | 9       |                   |
| SEAT     | Toledo         | 1991-1999 | 8       |                   |
| SEAT     | Toledo         | 1998-2009 | 9       |                   |
| Skoda    | Citigo         | 2011-2020 | 9       |                   |
| Skoda    | Fabia          | 2000-2024 | 9       |                   |
| Skoda    | Felicia        | 1995-2002 | 16      |                   |
| Skoda    | Octavia        | 1998-2024 | 9       |                   |
| Skoda    | Rapid          | 2012-2019 | 9       |                   |
| Skoda    | Roomster       | 2005-2015 | 9       |                   |
| Skoda    | Superb         | 2001-2024 | 9       |                   |
| Skoda    | Yeti           | 2009-2017 | 9       |                   |

| Make   | Model              | Year      | Adapter | Remarks      |
|--------|--------------------|-----------|---------|--------------|
| Subaru | Solterra           | 2022-2024 | 19      | BEV          |
| Subaru | Ascend             | 2019-2024 | 5       |              |
| Subaru | Baja               | 2002-2006 | 3       |              |
| Subaru | BRZ                | 2013-2023 | 5       |              |
| Subaru | Cross trek         | 2013-2024 | 4 or 5  |              |
| Subaru | Exiga              | 2008-2018 | 3       |              |
| Subaru | Forester           | 1999-2024 | 3       |              |
| Subaru | Impreza            | 1999-2024 | 3       |              |
| Subaru | Legacy             | 2000-2024 | 3       |              |
| Subaru | Outback            | 2005-2024 | 4 or 5  |              |
| Subaru | STI                | 2004-2021 | 3       |              |
| Subaru | Tribeca            | 2006-2014 | 5       |              |
| Subaru | WRX                | 2002-2023 | 3       |              |
| Suzuki | Across             | 2020-2024 | 19      | 2.5 PHEV     |
| Suzuki | Aerio              | 2002-2007 | 5       |              |
| Suzuki | Baleno             | 1995-2009 | 4       | 1.9 TD       |
| Suzuki | Baleno             | 1995-2009 | 5       |              |
| Suzuki | Celerio            | 2014-2024 | 5       |              |
| Suzuki | Ertiga             | 2018-2024 | 5       |              |
| Suzuki | Esteem             | 1999-2002 | 5       |              |
| Suzuki | Grand Vitara       | 2001-2013 | 4       |              |
| Suzuki | Ignis              | 2000-2008 | 4       |              |
| Suzuki | Ignis              | 2016-2024 | 4       |              |
| Suzuki | Jimny              | 1998-2018 | 5       | 1.3 Gas      |
| Suzuki | Jimny              | 2018-2024 | 4       |              |
| Suzuki | Splash             | 2008-2014 | 5       |              |
| Suzuki | Splash             | 2008-2014 | 19      | 1.3 CDT      |
| Suzuki | Swace              | 2020-2024 | 19      |              |
| Suzuki | Swift              | 2004-2010 | 5       |              |
| Suzuki | Swift              | 2005-2017 | 19      | 1.3 DDiS     |
| Suzuki | Swift              | 2010-2024 | 4       |              |
| Suzuki | SX4                | 2006-2014 | 19      | Diesel       |
| Suzuki | SX4                | 2006-2021 | 5       |              |
| Suzuki | Vitara             | 2015-2024 | 5       |              |
| Toyota | 4Runner            | 1996-2024 | 5       |              |
| Toyota | Alphard            | 2008-2013 | 19      |              |
| Toyota | Auris              | 2006-2018 | 19      |              |
| Toyota | Auris              | 2006-2018 | 19      |              |
| Toyota | Avalon             | 1995-2004 | 4       |              |
| Toyota | Avalon             | 2005-2022 | 5       | 3.5L         |
| Toyota | Avalon             | 2013-2024 | 19      | 2.5L FHEV    |
| Toyota | Avensis            | 2003-2018 | 19      |              |
| Toyota | bZ4X               | 2022-2024 | 19      | BEV          |
| Toyota | C-HR               | 2016-2022 | 19      |              |
| Toyota | Camry              | 1989-2023 | 5 & 19  |              |
| Toyota | Celica             | 1990-1999 | 5       |              |
| Toyota | Celica             | 1999-2005 | 19      |              |
| Toyota | Corolla            | 1993-2013 | 5 or 19 |              |
| Toyota | Corolla iM         | 2017-2018 | 19      | 1.8L         |
| Toyota | Echo               | 2000-2005 | 5       |              |
| Toyota | FJ Cruiser         | 2007-2014 | 5       |              |
| Toyota | Hiace              | 2005-2021 | 19      |              |
| Toyota | Highlander         | 2001-2023 | 5 & 19  |              |
| Toyota | Hilux              | 2004-2015 | 19      | 2.5 D, 3.0 D |
| Toyota | iQ                 | 2009-2015 | 19      |              |
| Toyota | Land Cruiser       | 1998-2021 | 5       | 4.7L, 5.7L   |
| Toyota | Land Cruiser       | 2012-2021 | 19      | 4.5 D4-D     |
| Toyota | Land Cruiser Prado | 2002-2023 | 19      |              |
| Toyota | Matrix             | 2003-2013 | 5       |              |
| Toyota | Mirai              | 2016-2023 | 19      | FCEV         |
| Toyota | MR2 Spyder         | 2000-2005 | 19      |              |
| Toyota | Paseo              | 1992-1998 | 5       |              |
| Toyota | Previa             | 2005-2020 | 19      |              |
| Toyota | Prius              | 2004-2009 | 5       |              |
| Toyota | Prius              | 2009-2024 | 19      |              |
| Toyota | Prius Plug-In      | 2012-2015 | 19      |              |
| Toyota | Prius Prime        | 2017-2022 | 19      |              |
| Toyota | Prius v            | 2012-2017 | 19      |              |
| Toyota | RAV4               | 2001-2024 | 19      |              |
| Toyota | Sequoia            | 2001-2022 | 5       |              |
| Toyota | Sienna             | 1998-2020 | 5       |              |
| Toyota | Sienna             | 2021-2024 | 19      |              |
| Toyota | Solara             | 1999-2008 | 4       | 3.0L, 3.3L   |
| Toyota | Solara             | 1999-2008 | 5       | 2.2L, 2.4L   |
| Toyota | Supra              | 1990-1992 | 5       |              |
| Toyota | Tacoma             | 2005-2023 | 5       |              |
| Toyota | Tercel             | 1991-1998 | 5       |              |

| Make   | Model         | Year      | Adapter | Remarks          |
|--------|---------------|-----------|---------|------------------|
| Toyota | Trezia        | 2008-2013 | 19      |                  |
| Toyota | Tundra        | 2000-2021 | 5       |                  |
| Toyota | Tundra        | 2022-2024 | 19      |                  |
| Toyota | Urban Cruiser | 2007-2016 | 19      |                  |
| Toyota | Venza         | 2009-2015 | 5       |                  |
| Toyota | Venza         | 2021-2024 | 19      |                  |
| Toyota | Verso         | 2009-2018 | 19      |                  |
| Toyota | Yaris         | 2007-2018 | 5       |                  |
| Volvo  | C30           | 2007-2013 | 15      |                  |
| Volvo  | C70           | 2006-2013 | 15      |                  |
| Volvo  | S40           | 2004-2012 | 15      |                  |
| Volvo  | S60           | 2011-2019 | 15      | Cross Country    |
| Volvo  | S60           | 2019-2024 | 15      | 2.0L Twin Engine |
| Volvo  | S60L          | 2016-2018 | 15      |                  |
| Volvo  | S80           | 2007-2015 | 15      |                  |
| Volvo  | S90           | 2017-2023 | 15      |                  |
| Volvo  | S90           | 2018-2023 | 15      | 2.0L Twin Engine |
| Volvo  | V60           | 2004-2012 | 15      |                  |
| Volvo  | V60           | 2014-2024 | 15      | Cross Country    |
| Volvo  | V60           | 2020-2023 | 15      | 2.0L Twin Engine |
| Volvo  | V70           | 2008-2016 | 15      |                  |
| Volvo  | V90           | 2017-2021 | 15      | Cross Country    |
| Volvo  | XC40          | 2018-2024 | 15      |                  |
| Volvo  | XC60          | 2009-2024 | 15      |                  |
| Volvo  | XC60          | 2018-2024 | 15      | 2.0L Twin Engine |
| Volvo  | XC70          | 2008-2016 | 15      |                  |
| Volvo  | XC90          | 2016-2024 | 15      | 2.0L Twin Engine |
| WW     | Amarok        | 2010-2024 | 9       |                  |
| WW     | Beetle        | 2011-2019 | 9       |                  |
| WW     | Bora          | 1998-2005 | 8       |                  |
| WW     | Caddy         | 1982-1996 | 11      |                  |

| Make | Model       | Year      | Adapter | Remarks |
|------|-------------|-----------|---------|---------|
| WW   | Caddy       | 1995-2004 | 8       |         |
| WW   | Caddy       | 2004-2024 | 9       |         |
| WW   | CC          | 2011-2016 | 9       |         |
| WW   | Crafter     | 2006-2023 | 9       |         |
| WW   | Eos         | 2006-2015 | 9       |         |
| WW   | Fox         | 2005-2011 | 9       |         |
| WW   | Golf        | 1979-1993 | 11      |         |
| WW   | Golf        | 1993-2006 | 8       |         |
| WW   | Golf        | 2003-2023 | 9       |         |
| WW   | Jetta       | 1984-1992 | 11      |         |
| WW   | Jetta       | 2005-2024 | 9       |         |
| WW   | Lupo        | 1998-2005 | 8       |         |
| WW   | New Beetle  | 1998-2010 | 8       |         |
| WW   | Passat      | 1988-1997 | 8       |         |
| WW   | Passat      | 1996-2024 | 9       |         |
| WW   | Phaeton     | 2003-2016 | 8       |         |
| WW   | Polo        | 1981-1994 | 11      |         |
| WW   | Polo        | 1994-2009 | 8       |         |
| WW   | Polo        | 2005-2024 | 9       |         |
| WW   | Scirocco    | 2008-2017 | 9       |         |
| WW   | Sharan      | 1995-2010 | 18      |         |
| WW   | Sharan      | 2010-2022 | 9       |         |
| WW   | Tiguan      | 2007-2024 | 9       |         |
| WW   | Touareg     | 2002-2011 | 8       |         |
| WW   | Touareg     | 2010-2024 | 9       |         |
| WW   | Touran      | 2010-2024 | 9       |         |
| WW   | Transporter | 1990-2003 | 8       |         |
| WW   | Transporter | 2003-2019 | 9       |         |
| WW   | up!         | 2011-2021 | 9       |         |
| WW   | Vento       | 1991-1998 | 8       |         |