

CarChip® Vehicle Conflicts and Exclusions

8211
8221
8225
8241
8245

CarChip has been carefully designed and tested to comply with OBDII protocols J1850-41.6, J1850-10.4, ISO9141, KWP2000 (ISO14320), and CAN (ISO 11898), which are used on most cars and light trucks sold in the USA, model-year 1996 or later. However, some vehicle models are not in full compliance with these protocols. In addition, the computer control systems on a given vehicle may be malfunctioning or out of spec, as may be the sensors used by these systems.

Before installing CarChip, be sure to review the list of known exclusions, conflicts, and anomalies below. Unless specified otherwise, the list applies to all versions of CarChip, whether they are downloaded via serial port or USB.

This list is current to the best of our knowledge as of the time of publication. However, given the thousands of vehicle models produced since 1996, no list can be completely comprehensive. For the most up to date list, visit our website at www.carchip.com, where you'll also find the latest software and firmware downloads. For more information on OBDII issues and anomalies in general, we recommend The Equipment and Tool Institute's website at www.etools.org.

While our testing and the experience of thousands of CarChip users have shown the unit to be safe and reliable, there is an inherent risk in adding any aftermarket product that may potentially affect the operation or drivability of your vehicle. Should you be concerned about the operation of your vehicle at any time while using CarChip, you should pull over off the roadway immediately or as soon as it is safe to do so. Remove CarChip from the OBDII port and consult a licensed mechanic or automobile service center.

Report any issues or concerns to our Technical Support Department by phone, (510) 732-07814, or via e-mail at support@davisnet.com. We are open Monday through Friday, 7:00 a.m. to 5:30 p.m. Pacific Time. We maintain an active database of the feedback we receive, and your comments can help us continuously improve the product.

Non-Support Vehicles

Ford 7.2L CAT 3126 Diesel Engines

CarChip is not supported in these vehicles.

Tiptronic® Transmissions

CarChip may cause vehicle hesitation or stuttering when used in 2003 or earlier model-year vehicles with Tiptronic transmissions. Developed by Audi and included on many of their vehicles, a Tiptronic transmission is one in which the driver may switch from a manual transmission to an automatic transmission while driving. Please check your vehicle's owner's manual to see if your vehicle has a Tiptronic transmission. We have not resolved this issue, and we recommend that you not use CarChip in vehicles with Tiptronic transmissions.

Incomplete Data Collection

Some drivers of 1997-1998 Fords and Mazdas have reported that the trip time and selected engine parameters are recorded by CarChip, but vehicle speed is not.

Isolated or Intermittent Issues

Some drivers have reported occasional incidences of the following. If these or any other issues occur while you are driving, please remove the CarChip immediately or as soon as it is safe to do so, and contact our Technical Support Department.

- **1996 Mercedes Benz "C" Class:** May cause the "Check Engine" light to turn on when the CarChip is inserted.
- **2002-2004 Chrysler and Dodge:** May cause a momentary loss of engine power in some models.
- **2002 Mitsubishi Lancer & Evolution:** May cause vehicle instrument gauges to "freeze up."

Using CarChip with Other Aftermarket Products

CarChip may not operate properly or may cause unexpected vehicle behavior if it is used in conjunction with other aftermarket products that also use the OBDII port or communicate with the vehicle's on-board computers. Examples of these include remote starters, keyless entry systems, and some alarm systems. If you are using any of these aftermarket products, we recommend that you remove them from your vehicle before using CarChip.

Firmware Note

Some vehicle types have known compatibility issues with older versions of CarChip software and firmware. These vehicle types are:

- **Hybrid Gas/Electric Vehicles:** These vehicles are supported in CarChip software version 2.1.1 or later and CarChip Firmware version 2.17 or later.
- **Chevrolet, Dodge, GMC, Pontiac, Toyota Highlander, or Toyota Celica:** Firmware versions of CarChip earlier than 2.17 may cause some or all of the dashboard lights to flash occasionally in some models. Use CarChip firmware version 2.17 or later.

You should upgrade your CarChip firmware to the latest version, which is available for free on our website at:

<http://www.davisnet.com/support/drive/software.asp>.

Vehicles Manufactured for Sale Outside the US & Canada

While vehicles manufactured for sale outside the US and Canada may appear to have an OBDII port, they may not use the same protocols, and thus may not be compatible with CarChip. For vehicles manufactured for sale in Europe, some 1996-1999 vehicles may be compatible; most 2000 and later vehicles should be compatible. Since requirements vary by country, vehicles manufactured for sale elsewhere in the world may or may not be compatible.

Additional Exclusions for the Serial-Port Version of CarChip

Our original CarChip models (# 8210, 8220, and 8240), which are downloaded using a serial-port cable, are not compatible with the new CAN (ISO 11898) protocol, which is being phased on newer vehicles. Our current CarChip models (# 8211, 8221, 8225, 8241, and 8245), which are downloaded via a USB cable, are compatible with the CAN protocol. If you have a vehicle that uses the CAN protocol, you cannot use a serial-port version of CarChip; you must use a USB-version. Check our website for updates on exclusions over the coming year.