

## UTAH COUNTY TECHNICAL BULLETIN

February, 2005-2



### OBDII CAN PROBLEMS

V-tronics has a working fix for the Ford CAN communications issues (tech bulletin 2004-2) but we are delaying the firmware update because of a similar problem identified with some select Hyundai vehicles.

We currently know that some 1998-99 (non-CAN) Hyundai vehicles do not communicate properly with the V-tronics OBDII CAN module. Most of these vehicle have no problem communicating with the Utah2000 analyzer. If however, you come across a problematic Hyundai please call our office for further instructions. These vehicles return a "Failure to read fault codes" error message during the inspection. We will need to test some of these vehicles while diagnosing the problem and again while testing the new firmware when it becomes available.

Bypass code 130 may be used for these vehicles if you come across one on a Saturday when we're not available. Code 130 is a temporary use bypass and is **ONLY** to be used on 1998-99 Hyundai vehicles with communication problems. Do not use this code on any other vehicle or if the MIL is illuminated or if the vehicle is experiencing a readiness issue.

### ELECTRONIC REPAIR REFERENCE SUBSCRIPTIONS

Many station owners have chosen to use one of the available electronic repair reference services such as Alldata or Mitchell-on-Demand. These are valuable services that provide the necessary information needed to repair today's complex vehicle systems.

Stations using this type of electronic reference library are required to maintain a working subscription at all times. This is an item that is checked during your routine station audit by our office. If our auditor finds that your subscription has expired beyond 3 years or your system is inoperable you will be required to correct the problem within two weeks. If a follow-up audit determines that the problem has not been corrected the station will be locked out for an equipment violation.

### REPAIR MANUAL REFERENCE

Some station owners prefer to use repair manuals in book form. Recent conversations with several repair manual publishers seem to indicate that sometime in the future these manuals may no longer be available. When that time comes, stations will be required to convert to the electronic format for repair reference.

Effective this year, stations using repair manuals must maintain a complete set of required books no older than three years old. Refer to Tech Bulletin 2004-1 if you're unsure of the repair manual requirements.

### EMISSION CONTROL APPLICATION GUIDE

All certified emission stations must have a ready reference emission control application guide available at their analyzer. This manual must be separate from the repair reference materials mentioned above and be kept current through the previous year. Stations that have no application manual during an audit will be subject to lock out for a serious equipment violation. 2005 application guides are now available from

Mitchell Manuals or Motor Manuals.

**CERTIFICATE RECIPROCIITY**

GASOLINE VEHICLES 1968-95 ①					DIESEL VEHICLES All Years			
Registered in	Utah	SLC	Davis	Weber	Utah	SLC	Davis	Weber
t e s t  t y p e	Utah	yes	no ②	yes with gas cap test	yes	yes	yes	No diesel test required
	SLC	1984 and newer only	yes	no	yes	yes	yes	
	Davis	1984 and newer only	no	yes	yes	yes	yes	
	Weber	1990 and newer only	no	yes with gas cap test	yes	No diesel testing performed		

①1996 and newer vehicles may be tested in any county for other county registration.

② SLC will accept tests performed in Utah County for fleet owned vehicles registered in SL County but operated exclusively in Utah County.

**TECH TIP # VE0040**

**Emission Control Application Guide + +**

If you haven't already done so, take a few minutes to scan through your Emission Control Application Manuals. The publishers have included a lot of very helpful information in addition to emission control application tables.

Both Mitchell and Motor manuals include OBDII trouble code descriptions, lists of OBDII vehicles with known problems, data link connector locator assistance, EPA emission recalls, service reminder light reset procedures, ignition timing procedures and EGR function tests.

As always, if you can't find the information you need, feel free to call our office with any technical questions regarding testing or repairing vehicles.

**TECH TIP**