

Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
<u>All Minus "S" trim</u> Passat, Jetta, Beetle, Tiguan	2014	All	All	All	All
CC, EOS, Beetle Convertible	2014	All	All	All	All

Condition

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Car-Net™ Operating Control Unit (OCU/J949) Service Guidelines & General Information

- OCU / Car-Net modules with software 078 or 086 **SHOULD NOT** be replaced for the following fault codes:
 - B201700: Control module locked
 - B105213: Control unit for cell phone preparation open circuit
- SW 078 equipped cars will have a brief "Chirp" or "In-Band modem noise" when making a connection. This is a characteristic operation and no repairs should be performed.
- Swapping of OCU modules from car-to-car for diagnosis or repair is discouraged as corruption of stored vehicle data and subscription information within OCU is possible.
- Current Service Parts should have software level of 078 or 086 (Higher levels pending). Do not install lower software level into vehicle than was removed, i.e. **DO NOT** replace a SW086 with a SW078.
- VAS PC does not support 2014 NMS Passat. ODIS (at latest software level) **MUST** be used to communicate and diagnose these vehicles. See ServiceNet – "Workshop Equipment" for latest updates.



Tip:

Car-Net equipped vehicles have PR code "EL2" and address word "75" along with 3-button assembly in overhead console.



Technical Bulletin

Technical Background

Software related fault codes:

Faults related to the software level 078 or 086 noted above, will not cause any negative operational problems or customer reported symptoms.

B201700 Fault may erase but will generally return immediately.

B105213 May set if instrument illumination is turned to 100%

No diagnosis or repair is necessary for either of these fault codes.

Software operating characteristics

SW078 “Chirp”

- Software Level 086 introduced.

Faults stored in OCU (Address 75) in both Software levels 078 and 086

- Software update under development.

Swapping of OCU

Each OCU is specifically tied to vehicle VIN, Vehicle Build Information and customer. Swapping modules from car-to-car can potentially corrupt data stored within module and/or at Verizon Telematics (VZT).

During PDI, LED does not illuminate:

- Odometer has 5+ miles.
- Confirm “Transport” and “Factory” modes are disabled
- No related fault(s)
- AT&T 3G (data) coverage necessary for successful OTAR (Over The Air Registration).

Unsuccessful Over The Air Registration (OTAR)

When a vehicle is removed from transport mode the OCU will attempt to perform the OTAR.

If unsuccessful an internal clock inside the OCU must run down before it will attempt to re-register, this can take up to 12 hours.

- Clock will count down regardless of key status (OFF or ON).
- Upon turning the ignition ON after clock has counted down the OCU will re-attempt the OTAR.
- Turning key on prior to the clock running down will not add time to the clock.
- There is no Measured Value Block to check time remaining on clock.
- Ensure location where cars are being removed from transport mode has AT&T 3G coverage.



Technical Bulletin

Production Solution

Information only.

Service

Information only.

Warranty

Information only.

Required Parts and Tools

No special parts required.

No special tools required.

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.