

372: CEM-6C48 Transponder type. Faulty signal

XC90, 2006, B5254T2, AW50/51 AWD, L.H.D

5/7/2024

**PRINT****372: CEM-6C48 Transponder type. Faulty signal****Diagnostic trouble code (DTC) information CEM-6C48****Condition**

With the ignition on the central electronic module (CEM) reads the transponder signal. The diagnostic trouble code (DTC) is stored if the transponder responds with an unknown transponder, a non-approved code (not stored in the memory), no transponder code at all or an unknown communication format.

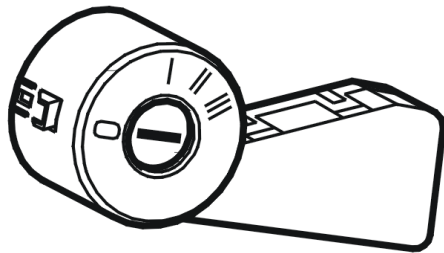
Note! This diagnostic trouble code (DTC) may be stored for example if there are several ignition keys on the same key ring and one of them is inserted in the ignition switch.

Substitute value

- None.

Possible source

- The ignition key has a damaged transponder
- The ignition key is of the wrong type. It has no transponder
- The ignition key has previously belonged to the vehicle but has been erased from



the memory for
the central
electronic module
(CEM)

- The ignition key is a new key and has not yet been programmed into the memory for the central electronic module (CEM)
- Several keys are too close to each other during the read off
- An electronic door key was too close to the antenna unit during the read off
- An automatic road toll transponder is installed too close to the antenna unit
- EMC interference (strong electrical field) during the communication phase (when starting the engine)
- The ignition key is a Volvo key but for a different model
- The ignition key belongs to another Volvo of the same type, i.e. it has a different transponder code
- The ignition key is for another make of car and therefore does not have the same type of transponder.

Fault symptom[s]

- The starter motor

5/7/2024

does not turn.

PRINT