OBDII Error Code Definition

■ (E1) : OBDII interface, read communication failure.

Cause type	Possible solution
OBDII protocol may be new.	Cub Engineers need to test.
ACC is off.	Make sure ACC is on.

■ (E2) : OBDII interface, read ID failure.

Cause type	Possible solution
OBDII protocol may be new.	Cub Engineers need to test.

■ (E3) : OBDII interface, write communication failure.

Cause type	Possible solution
OBDII protocol may be new.	Cub Engineers need to test.
ACC is off.	Make sure ACC is on.

■ (E4) : OBDII interface, write ID failure.

Cause type	Possible solution
New IDs cannot be entered into ECU.	1. If Lexus/Toyota is equipped with 2 tire sets, switch to

	different set by pressing the "SET" button in dashboard three times, then write IDs again. 2. After successful writing, press and hold "SET" button for at least 5 seconds to reset tire pressure values in ECU.

■ (E5) : OBDII interface, the number of wheels mismatch during communication.

Cause type	Possible solution
The number of wheels with sensors does not match the number of triggered wheels during communication.	When triggering sensors in the OBDII function, trigger also the spare tire and write IDs again.

■ (E6) : Pressure threshold communication error (Read) – NOTE: applies only to models with Placard Pressure Change function.

Cause type	Possible solution
No mutual communication between OBDII Module and ECU.	Make sure ACC is on.

■ (E7) : Pressure threshold communication error (Write) – NOTE: applies only to models with Placard Pressure Change function.

Cause type	Possible solution
No mutual communication between OBDII Module and ECU.	Make sure ACC is on.

■ (E8) : ECU doesn't accept pressure threshold – NOTE: applies only to models with Placard Pressure Change function.

Cause type	Possible solution
Pressure threshold attempted to be registered is too high or too low and ECU cannot accept it.	Check the pressure range recommended by manufacturer in placard, then try to register that value into ECU using the Placard Pressure Change function.
Protocol error hinders	Cub Engineers need to test.

communication between OBDII Module and ECU.	

■ (E9) : No support of Placard Change function – NOTE: applies only to models with Placard Pressure Change function.

Cause type	Possible solution
OBDII does not support the Placard change function.	Update OBDII module to the latest version.

■ (E10) : Clear TPMS DTC Error Codes failed.

Cause type	Possible solution
ACC is off.	Make sure ACC is on.
Function protocol may be new.	Cub Engineers need to test.

■ (E11) : Read TPMS DTC Error Codes failed.

Cause type	Possible solution
ACC is off.	Make sure ACC is on.
Function protocol may be new.	Cub Engineers need to test.

■ (E12) : Read OBDII IDs' number mismatch between tool and ECU -

NOTE: applies to trucks/buses only.

Cause type	Possible solution
Wrong vehicle axle configuration was selected.	Make sure you have selected the correct vehicle axle configuration.

■ (E13) : Unlock ECU failed.

Cause type	Possible solution
ACC is off.	Make sure ACC is on.
Function protocol may be new.	Cub Engineers need to test.

■ (E14) : Read VIN failed.

Cause type	Possible solution
ACC is off.	Make sure ACC is on.
VIN reader function not supported for this vehicle.	N/A.

■ (E15) : ID Clearing failed.

Cause type	Possible solution

ACC is off.	Make sure ACC is on.
Function protocol may be new.	Cub Engineers need to test.

■ (E16) : Activate Auto-relearn failed - NOTE: applies to certain trucks only.

Cause type	Possible solution
ACC is off.	Make sure ACC is on.
Function protocol may be new.	Cub Engineers need to test.

■ NO SUPPORT : OBDII interface and Tool firmware database mismatch.

Cause type	Possible solution
MMY in Tool firmware does not match with corresponding MMY in OBDII firmware.	Make sure both Tool and OBDII Module are updated to the latest firmware version.

Sensor –AID Error Code Definition

■ (E7) : ID Read error in Sensor ID Copy or Manual R/L Modify

Cause type	Possible solution
In the functions Sensor ID Copy	1. Make sure you are using the

and Manual R/L Modify, the protocol of target sensor is different to the protocol of the MMY selected in the tool for programming.	correct target sensor. 2. Make sure the target sensor has been programmed previously with the correct protocol.