



Question:

What have I to do to change the CAN ID to an extended CAN ID or to an extended CAN-FD ID?

I am not able to communicate to the ECU with INCA through CAN/CAN-FD extended feature.



Answer:

In the specification for CAN/CAN-FD the current CAN ID has to be modified to be able to use the extended feature.

Any *CAN ID* + 0x80000000 = *extended CAN ID*

Any *extended CAN ID* + 0x40000000 = *extended CAN-FD ID*

Example:

CAN ID Master = 0x1F795400

CAN ID Slave = 0x1F795401

Extended CAN ID:

CAN ID Master = 0x9F795400 ← 0x1F795400 + 0x80000000

CAN ID Slave = 0x9F795401 ← 0x1F795401 + 0x80000000

Extended CAN-FD ID:

CAN ID Master = 0xDF795400 ← 0x9F795400 + 0x40000000

CAN ID Slave = 0xDF795401 ← 0x9F795401 + 0x40000000



Additional information:

For CAN-FD XCP V1.2 must be used in the A2L file.



In case of further questions:

Please feel free to contact our Support Center, if you have further questions.

Here you can find all information: <http://www.etas.com/en/hotlines.php?langS=true&>

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