Update eSID with MaptunerX

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Introduction

The eSID products has been developed by a very small team (one person) and there hasn't been time available to spend on a secure software update procedure. The first eSID products needed to be shipped to Sweden for update, but due to high custom fees and taxes for citizens outside EU it was not working out for them.

During the development of the eSID3 a secure bootloader was developed and also integrated into the eSID03-06 Gen2 product starting from software 1.2.x in August 2020 and the eSIDs developed after that.

After a cooperation with Maptun Performance it is possible to update the latest eSID products using their MaptunerX handheld device. The user can purchase an update on their website and it will show up as an App on the device. In order to perform the update on eSID3/eSID0306 Gen2 an OBD2 Y-split cable is needed to connect both eSID and MaptunerX together in the vehicle.

Note: It is important that the OBD split cable has all the 16-pins and cheap ones sometimes doesn't.

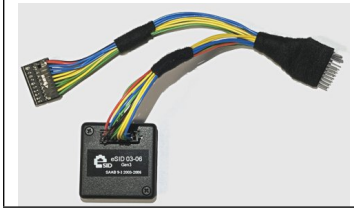
In order to perform an update on eSID9-5, the P-Bus cable must be connected to the OBD connector (only standard on MY2008-2010)

Check eSID software version

On the eSID1, eSID2 and eSID3 the version is displayed on first startup. Just disconnect the unit from the OBD connector, connect it again and start it up.

On eSID03-06 the software version for the two nodes can be shown under the "Diagnostics" group.

Compatibility Matrix

Product	Released	Software	Update software with MaptunerX?
eSID1	2013	x.x.x	No
eSID2	2014	SAx.x.x	No
eSID3	2020	SGx.x.x	Yes
eSID03-06 Gen1	2017	SBx.x.x SCx.x.x	No
eSID03-06 Gen2	2018	SD1.1.x and earlier SE1.1.x and earlier	No
		SD1.2.x and later SE1.2.x and later (Units sold after Aug-Sep 2020)	Yes
eSID 9-5	2022	SKx.x.x	Yes
eSID03-06 Gen3 	2024	SRx.x.x	Yes