

# **K+DCAN USB Interface**



## **Application Note**

# **Compatibility Mode**

**( For older, K-Line equipped Vehicles )**

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**Our K+DCAN USB Interface came in the beginning unlike products from other vendors with full backward compatibility to older K-Line equipped vehicles, many of those vehicles use besides the primary K-Line on pin7 also the secondary K-Line on pin8 for additional modules (ECUs). Unfortunately on the latest F Series DCAN equipped vehicles that pin got re-used as Ethernet activation which interfered with that full backward compatibility by causing connection problems.**

**Because most customers prefer the ability to work on latest DCAN equipped vehicles over the full backward compatibility to older K-Line equipped vehicles - pin8 was physically removed from the Interface to enable that. The consequence from that step is that when used in backward compatibility mode on older K-Line equipped vehicles that the Interface now only covers modules (ECUs) connected to the primary K-Line on pin7. Modules (ECUs) connected to the secondary K-Line on pin8 will no longer be directly accessible.**



**Close-up Picture of an Interface with pin8 removed (Second Generation)**

**The Solution for full backward compatibility to older K-Line equipped vehicles to cover both the primary and secondary K-Lines again without compromising the connection to newest DCAN equipped vehicles such as the F Series comes in form of an small OBD2 male to OBD2 female Adapter that gets plugged in between the Interface and the older K-Line equipped vehicle.**

**This Adapter is available for purchase as an add-on and (if not stated otherwise in the offer) is normally NOT included with the Interface.**



**Picture of the Adapter that gets plugged in between the Interface and older K-Line equipped vehicles**

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