

***xDELETE***

**CONNECT GUIDE**

## TABLE OF CONTENTS

1.	Do you have an Exx or Fxx-Series car? .....	3
1.1.	The easy way to connect .....	3
2.	Guide for E-Series cars .....	4
2.1.	Android Device prerequisites (E-Series).....	4
2.2.	Apple Device prerequisites (E-Series) .....	4
2.3.	USB/OTG Adapter (E-Series, Android phone) .....	4
2.4.	OBD/DCAN cable or Thor Wifi Adapter (E-Series).....	5
3.	Guide for F-Series Cars .....	6
3.1.	Android Device prerequisites (F-Series).....	6
3.2.	Apple Device prerequisites (F-Series).....	6
3.3.	MHD ENET Wifi Adapter (F-Series).....	6
3.4.	ENET Cable (F-Series).....	7
3.5.	Ethernet adapter (F-Series) .....	7
3.6.	Setup your Apple Device for xDelete (F-Series) .....	7
3.7.	Setup your Android device for xDelete (F-Series) .....	9
4.	General Connect-Guidelines .....	10
4.1.	Preparing Android/Apple device .....	10
4.2.	Preparing vehicle.....	10
4.3.	General Connect/Flash procedure .....	11
5.	Credits .....	12
6.	Disclaimer .....	13

## 1. Do you have an Exx or Fxx-Series car?

The necessary hardware differs, depending on what car you want to work with. There are 2 main groups: E-Series (approx. up to 2011) and F-Series cars. For instance, a 2009 335i Sedan is an E90, while a 2012 335i Sedan is a F30 type. If you are unsure what your car is, please look for the Type in your vehicle documents or check one of the online VIN decoders.

### 1.1. The easy way to connect

There are many options to connect to your car with xDelete. If you don't want to read the details, just buy the **MHD ENET Wifi Adapter for F-Series** cars or the **Thor/MHD Wifi Adapter for E-Series cars**. Both adapters work with Android and Apple devices and do not need any further setup. Just plug in the adapter to your OBD port, connect to the created Wifi and start xDelete. Please make sure to **turn OFF** all other connections on your phone for flashing. (Cellular and Bluetooth) This makes the flash more stable and faster.

## 2. Guide for E-Series cars

### 2.1. Android Device prerequisites (E-Series)

- ✓ USB/OTG Adapter
- ✓ OBD/DCAN cable **or** Thor Wifi Adapter **or** MHD Wifi Adapter
- ✓ Android phone running min. Android 4.3

If you have an E-Series car and are using an Android phone you have 2 options to connect. Either with a standard OBD INPA Cable + USB OTG Adapter, or with the Thor/MHD Wifi Adapter. Please see on the next page for sources!

### 2.2. Apple Device prerequisites (E-Series)

- ✓ Thor Wifi Adapter (pink) **or** MHD Wifi Adapter (orange)

If you have an E-Series car and are using an Apple device for xDelete, it's simple. Just buy a Thor Wifi Adapter. That's all you need. Please see on the next page for sources!

Sources:

- [www.bimmer-connect.com](http://www.bimmer-connect.com) (worldwide)
- [www.twistedtuning.com](http://www.twistedtuning.com) (US)

### 2.3. USB/OTG Adapter (E-Series, Android phone)

These adapters come in various forms, from short sockets, to longer cables for extended use. However, all of them seem to work reliable. During our testing phase, there hasn't been any error trackable to these adapters. Just search them on Amazon or Ebay. Thinking of vehicle situations, it's probably best to use one coming in short-cable form-factor, like the one you see on the right side. Costs: 5 – 10 USD.



## 2.4. OBD/DCAN cable or Thor Wifi Adapter (E-Series)

xDelete uses either the well-known OBD/DCAN INPA cables or the Thor Wifi Adapter to connect to your BMW. There are a lot of low-quality cables in the market, especially on Amazon and Ebay. They may or may not work, or even quit working after some time as quality varies a lot. Here are 3 sources which deliver proper, tested cables that guarantee you hassle-free usage of xDelete:

- US: Thor Wifi [www.ecs-tuning.com](http://www.ecs-tuning.com)
- US: [Pro Cable from Bimmergeeks](#)
- Europe & International: [Bimmer - Connect Premium Cable](#)

**NOTE:** iOS Users ONLY have the Thor-Wifi Option! Apple does not allow control of the USB/OBD cable through the Lightning-Port!

## 3. Guide for F-Series Cars

### 3.1. Android Device prerequisites (F-Series)

- ✓ Micro-USB or USB-C to Ethernet Adapter **or** MHD ENET Wifi Adapter
- ✓ ENET Cable **or** MHD ENET Wifi Adapter
- ✓ Android Phone with min. Android 6.0.1
- ✓ Ethernet Support enabled (for wired connection) **or** MHD ENET Wifi Adapter

Please see below for sources and how to setup your Android device. Some vendors have disabled the Ethernet feature on their Android versions. If you are unsure, please look at your phone manufactures help pages or search Google. **We can confirm Samsung Galaxy S9, Galaxy S10 and Samsung Galaxy A40 to have Ethernet enabled.** If your Android phone does not support a cable Ethernet connection, you need to go for the wireless MHD ENET Adapter.

### 3.2. Apple Device prerequisites (F-Series)

- ✓ Lightning to Ethernet Adapter (not needed for Wifi connection)
- ✓ ENET Cable **or** MHD ENET Wifi Adapter
- ✓ Min. iOS 10.0

Please see below for sources and how to setup your Apple device for xDelete.

### 3.3. MHD ENET Wifi Adapter (F-Series)

xDelete also supports the new ENET wireless adapter from MHD. Just plug in the adapter into your OBD port and connect to the created Wifi. No further configuration/setup needed. The Adapter works on Apple and Android devices. ENET is only available on F-Series vehicles. No support for E-Series cars with this adapter.

Sources to buy:

- [www.bimmer-connect.com](http://www.bimmer-connect.com) (worldwide)
- [www.twistedtuning.com](http://www.twistedtuning.com) (US)
- [www.burgertuning.com](http://www.burgertuning.com) (US)

### 3.4. ENET Cable (F-Series)

ENET cables have a standard OBD-II plug on one side and an Ethernet RJ45 plug on the other side. With the F-Series BMW started to use Ethernet based protocol for communication to the OBD port. All diagnosing and flashing procedures are now handled similar like in your home network. You can buy those cables on Amazon and a lot of other Shops as well for cheap and they can be used for various other tools as well.

Example:

- [www.bimmer-connect.com](http://www.bimmer-connect.com)

### 3.5. Ethernet adapter (F-Series)

For connecting the ENET cable with the Ethernet plug to your Smartphone or Tablet you will need an adapter. Those are available on Amazon and a lot of other webshops. For Apple devices just search for "Ethernet Lightning Adapter". There is only one type.

For Android devices there are 2 options. Older Android devices have a Micro-USB port, so you need a Micro-USB to Ethernet adapter, while later devices (like Samsung Galaxy S9) have a USB-C port. Once again, they can be found easily at Amazon and other shops.

**Examples Android:**

- [USB-C to Ethernet Adapter on Amazon](#)
- [Micro-USB to Ethernet Adapter on Amazon](#)

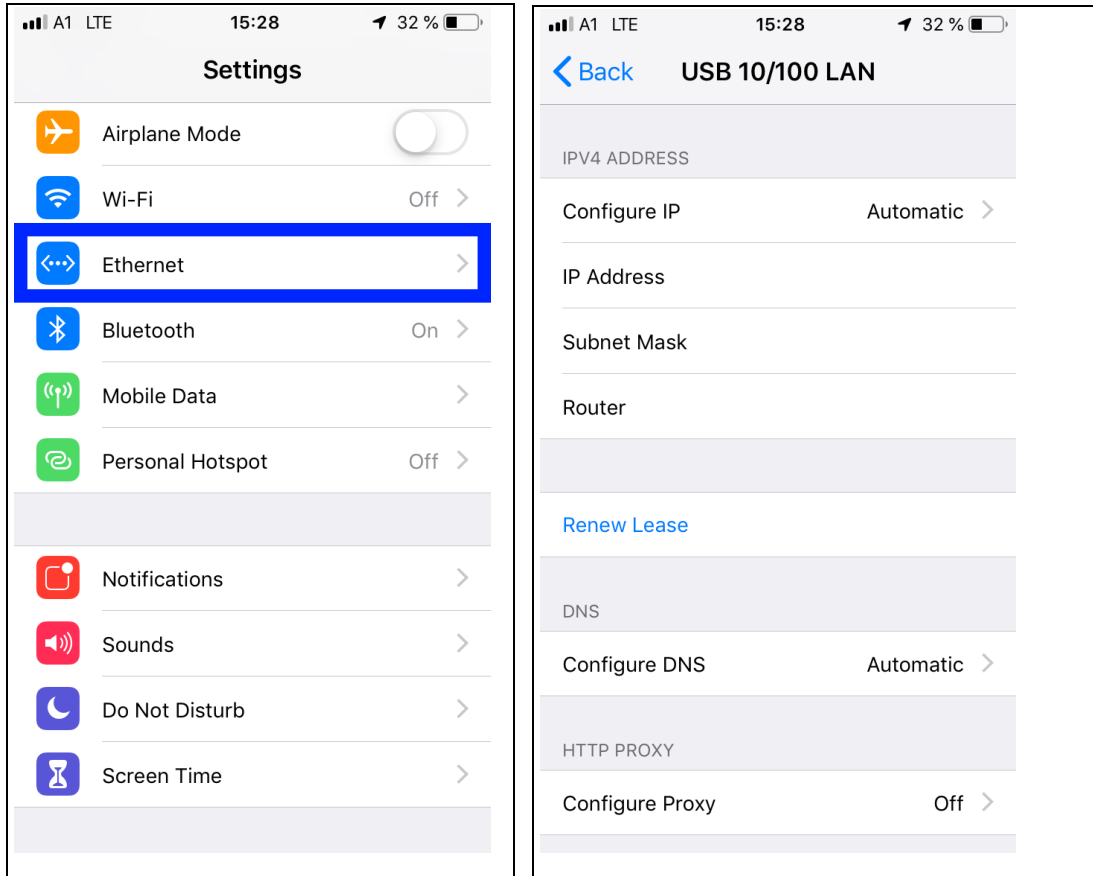
**Example iOS:**

- [Lightning to Ethernet Adapter](#)

### 3.6. Setup your Apple Device for xDelete (F-Series)

First, enable "Flight Mode" in the iOS Settings. When connecting your Lightning-to-Ethernet Adapter to your Apple device, a new option "Ethernet" will appear in your "Settings" panel. Just make sure your settings are all on "Automatic". Once you plugged the ENET cable to your BMW and your ignition is turned ON your Apple device will show an IP Address (for instance 169.254.xxx.xxx) and Subnet Mask (255.255.0.0). This might take 30 seconds. As soon as the IP is showing, wait another 10 -15 seconds, before trying to connect.

**Note:** For redeeming a code or logging in with your xDelete-Account, you temporarily need to enable your Internet Connection again. Set your phone to Flight mode afterwards again.

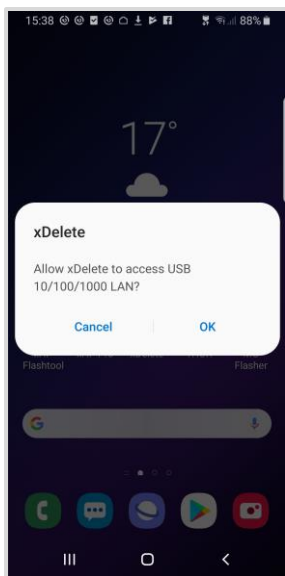




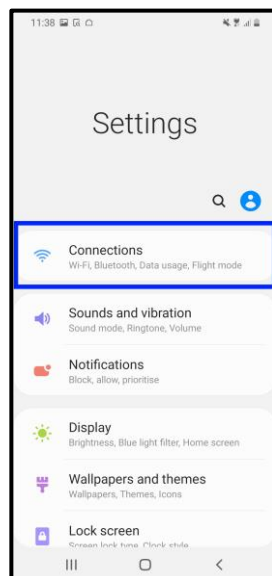
### 3.7. Setup your Android device for xDelete (F-Series)

Android users need to configure the Ethernet port, after connecting the Adapter to their devices. Please open the settings panel on your device. Depending on your Android version, the procedure may be a bit different. The screens were taken from a Galaxy S9 phone, running Android 9. This procedure is only necessary on first connect and for wired connections. Your phone will store those settings for subsequent connects. Eventually you need to re-plug the adapter, after saving the settings to take effect.

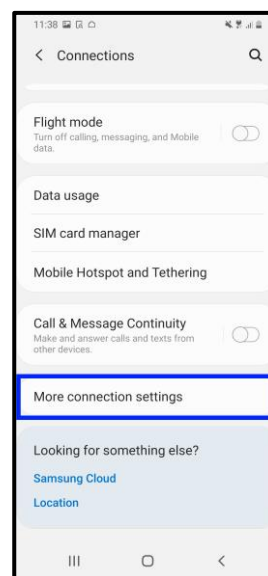
1. After connecting cable, press OK



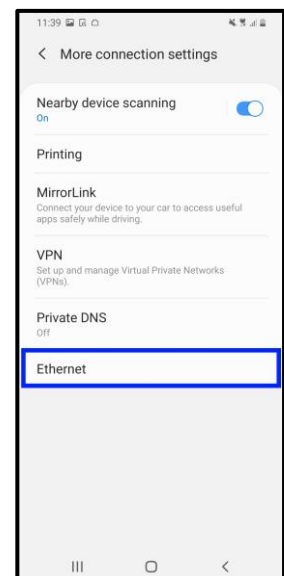
2. Open „Connections“



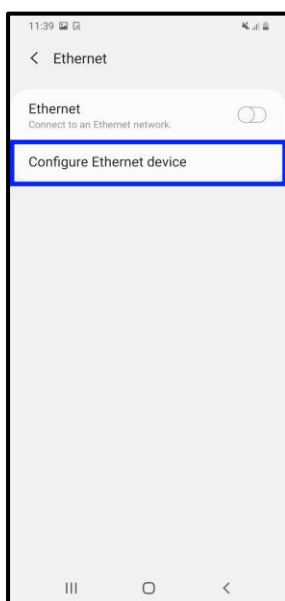
3. Open „More Conn. Settings“



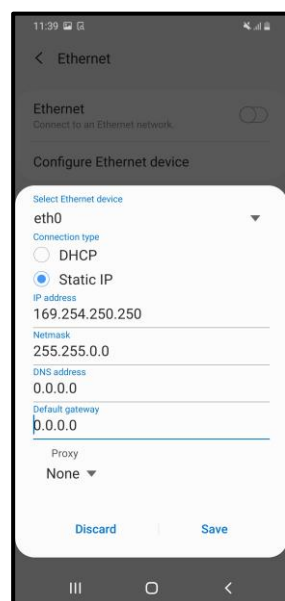
4. Open „Ethernet“



5. Open „Configure“



6. Ethernet settings



**Necessary Ethernet settings (Screen 6) are:**

**Static IP:** 169.254.250.250

**Subnet:** 255.255.0.0

**DNS:** 0.0.0.0

**Default Gateway:** 0.0.0.0

Please enter and save them!

## 4. General Connect-Guidelines

Once you downloaded xDelete on your compatible Android/iOS device and having completed the setup you are ready to connect to your vehicle.

### 4.1. Preparing Android/Apple device

- Make sure your device has at least **25% battery capacity** left.
- Set your device to **Flight Mode**. An interrupting call may lead to failure of the procedure.
- If you are using ENET communication, you may need to turn of Wifi on your phone!
- Close all other Apps, that may disturb communication on the USB OTG port or Wifi connection.
- Once a flash has started, leave your device alone. The most common cause of a flash failure is mechanical stress on the USB connection.

### 4.2. Preparing vehicle

- Make sure not to open/close doors during the process. If you want to stay outside during the process, open the side window and operate your Android device standing next to the vehicle.
- Turn on Ignition, but do NOT start the vehicle. Do so, by inserting your key and pressing the “Start” Button for at least 2 sec, without touching the brake. Note: This procedure is recommended even on cars equipped with “Keyless Go” feature. You MUST NOT start your engine!
- Lock your driver’s seatbelt! This keeps your car’s ignition ON.
- Auto-Vehicles: Make sure your transmission is in “P” position.
- Turn off ALL auxiliary devices: Headlights, Interior Lights, Heating, Heated Seats, Radio, Nav Screen etc.
- Once again: Set your device to flight mode. Incoming calls through Bluetooth will disturb not only the device, but your car too.
- Make sure you’re only flashing with a good, healthy battery. xDelete will refuse to start a flash operation below a certain voltage level. (< 11.0V)
- For the very first flash, we recommend a proper voltage supply. Depending on the update level of your xDrive system we will possibly update the program to the latest revision. (“Long-Flash”) This operation will take around 3 minutes. Consecutive Flashes will be way faster. (20 Seconds)
- If you have any piggy-back solutions installed which interfere on the CAN Bus (like JB4) be sure to turn them off. In certain cases, you probably need to remove them completely from the vehicle before. **WE RECOMMEND YOU TO DO SO**, before using xDelete!

### 4.3. General Connect/Flash procedure

- Plug in your cable or Thor Wifi Adapter to the OBD port of your vehicle. The OBD port is located in the drivers footwell on the left side.
- Connect the cable with your USB OTG or Ethernet Adapter. (see Chapters above)
- Unlock your Android/iOS device
- Set your phone to Flight mode (keep Wifi on, if using Thor Wifi)
- Connect/plug all necessary cables (see Chapters above)
- Start xDelete and press the Car-Symbol in the upper right corner
- If the vehicle is connected for the first time, xDelete will automatically save its data to your device.
- First use: If you are connected through Thor Wifi (or ENET with Wifi turned OFF) you need to switch to your local Wifi or 4G connection now and return to Thor Wifi/ENET afterwards!
- First use: Redeem your voucher code. If you don't have one, you can buy it at <https://www.xdelete.app>
- Now set your phone to Flight Mode. Make sure to turn on Wifi again, if you are using Thor Wifi.
- Select your desired setting (ON, OFF, Snow, Sport, Custom) and start the flash. During the flash all kinds of fault messages will appear. That is perfectly normal. Those will be cleared after the flash is done.
- If you are still left with some fault codes after the flash, you can trigger the fault code deletion again, by pressing the three white dots in the upper right corner of the app. Please note, that some faults can only be deleted, after the car went to full sleep. (IGN turned OFF and car locked for at least 20 seconds)
- Some faults may require the vehicle to be driven for some time, before they disappear by itself. (for example, cars with Active Body Control)

## 5. Credits

RBT TUNING GMBH

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4040 Linz  
Austria  
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FN: 485934i

e-Mail: [support@rbttuning.com](mailto:support@rbttuning.com)

Facebook: <https://www.facebook.com/BimmerXdelete>

## 6. Disclaimer

**xDelete is a racing product for use in competition driving, on closed Race circuits only!**

**The End-User is responsible for obeying local laws!**

### Introduction

The use of xDelete (later referred to as “the application”) is governed by the policies, terms and conditions of use as set forth under the Terms of Use. Please read them carefully, as your use of the application, including the submittal of any personal information, indicates your acceptance of these Terms. RBT TUNING GMBH reserves the right to make changes to the application and these Terms at any time.

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- ✓ To quickly process your transactions.
- ✓ To ask for ratings and reviews of services or products
- ✓ To track our marketing actions through use of tools provided by Google LLC and Facebook Ireland Ltd.

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Given the nature of these Terms, you understand and agree that, in addition to money damages, RBT TUNING GMBH will be entitled to equitable relief upon a breach of them by you.

### **Waiver**

No waiver by RBT TUNING GMBH shall be construed as a waiver of any proceeding or succeeding breach of any provision.

### **Survival of Provisions**

Each provision of the Terms shall be construed as separately applying and surviving, even if for any reason one or other of those provisions is held to be inapplicable or unenforceable in any circumstances. These Terms shall be severable and construed to the extent of their enforceability in light of the parties' mutual intent if deemed at all unenforceable by the competent court.

### **Entire Agreement**

These Terms shall supersede any subsequent terms or conditions included within the application. We intend that these Terms constitute the entire agreement between RBT TUNING GMBH and you. Any changes to these Terms between RBT TUNING GMBH and you must be in writing and signed by both parties.