

Setup EDIABAS (Information)

To set up **EDIABAS** with the **K+D CAN cable** for use with **ISTA (BMW ISTA-D/Rheingold)**, follow these steps:

1. Install EDIABAS

- **EDIABAS** is required to communicate with BMW vehicles through the K+D CAN cable. It's typically part of the BMW Standard Tools package.

Steps:

- Download and install **BMW Standard Tools** (it usually includes EDIABAS, INPA, and NCS Expert).
- During installation, select **COM1** as the interface, even if you'll be using USB, since EDIABAS works with the virtual COM port created by the K+D CAN cable.
- After installation, navigate to the EDIABAS folder (usually in `C:\EDIABAS`).

2. Configure EDIABAS for K+D CAN Cable

- Open `EDIABAS.INI` (located in the `C:\EDIABAS\Bin` folder) using Notepad or any text editor.

Modify the following settings:

- **Interface:** Set this to `STD:OBD` (for K+D CAN cables).

plaintext

Copier le code

[Ediabas]

Interface = STD:OBD

- **Port Settings:** Make sure that the **Port** parameter corresponds to the COM port number assigned to your K+D CAN cable. You can check this in **Device Manager** on Windows:
 - Right-click the **Start Menu** and select **Device Manager**.
 - Expand **Ports (COM & LPT)** and check the COM number next to the "USB Serial Port."
 - Go back to the `EDIABAS.INI` file and update the `Port` parameter:

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Port = <COMX> (e.g., COM3)

3. Install and Configure BMW ISTA (ISTA-D/Rheingold)

- Download and install **BMW ISTA-D** (often called Rheingold) from a trusted source.
- During installation, the setup process may include instructions for setting up the **Rheingold** and its components.

Setting up ISTA:

- Launch ISTA, then go to **Settings** and configure the "ICOM/VCI" settings.
- Select **Ediabas/OBD** for the connection type.

4. Install K+D CAN USB Driver

- If you haven't already installed the **K+D CAN USB driver**, you'll need to do this to use the cable. Drivers are often included in the software package or can be found online.

5. Enable Latency Timer Settings (for USB Serial Port)

- This step helps reduce the communication delays between the PC and the vehicle.
- Open **Device Manager** again and find the **USB Serial Port (COMX)**.
- Right-click on it, go to **Properties**, and click on the **Port Settings** tab.
- Click **Advanced** and set the **Latency Timer** to .

6. Test the Setup

- Plug the K+D CAN cable into the OBDII port of your BMW.
- Open **EDIABAS** and **BMW ISTA** and check the connection.
- If configured correctly, ISTA should recognize the vehicle and begin the diagnostic process.

Additional Notes:

- **Compatibility:** Ensure that your version of ISTA supports EDIABAS.

- **32-bit Compatibility:** BMW Standard Tools (including EDIABAS) works best on 32-bit versions of Windows, though it can run on 64-bit with proper configuration.
- **Cable Switch:** Some K+D CAN cables have a switch for high/low CAN communication. Make sure it's set to the correct mode for your vehicle (e.g., most E-series vehicles use low CAN).

This setup should allow you to use your K+D CAN cable with ISTA for diagnostics and coding.

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