How to Disable "Multifunction Steering Wheel (MFL) Wrong Version" Error

(Fixing the MFL Version Error After Steering Wheel Retrofit)

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Disclaimer

This guide is for informational purposes only. The author takes no responsibility for any damage, loss, or issues arising from following the procedure described here. Proceed at your own risk and ensure you have the proper technical knowledge and equipment.

Introduction

When retrofitting an M-Sport or any other steering wheel in a BMW, it's common to encounter the error message "Multifunction Steering Wheel (MFL) Wrong Version" on the FEM_Body module. This guide will walk you through the steps needed to disable this error by deactivating the LIN variant for the Multifunction Steering Wheel (MFL).

Requirements and Tools

- **OBD ENET Cable**: To connect your vehicle to your laptop.
- **E-Sys Software**: For performing the necessary coding operations.
- **ISTA+ Software**: Optional, for clearing any errors after coding.
- **Laptop** with the necessary coding software installed.

Step-by-Step Procedure

Step 1: Connect Your Laptop and Launch E-Sys

1. **Connect your laptop** to the vehicle using the ENET cable and launch **E-Sys**.
2. Load the **FA (Vehicle Order)** from your car, as this will be needed for coding.

Step 2: Access the FEM_Body Module

The error originates from the **FEM_Body module**, which manages several body-related functions, including the steering wheel. To disable the error, you will need to access and modify a specific parameter in this module.

1. Navigate to **Expert Mode** in E-Sys.
2. **Read the FEM_Body coding data**:
   - In **Expert Mode**, click on the **FEM_Body** module.
   - Read the coding data from the FEM_Body module to access its parameters.

Step 3: Modify the Steering Wheel LIN Variant Setting

1. In the **FEM_Body** module coding, locate the following path:
   - `FEM_Body -> 3140 -> Lin_Variante_MFL`
2. Change the value of **Lin_Variante_MFL** from **"aktiv"** to **"nicht_aktiv"**.
   - This will prevent the "wrong version" error from being triggered.

Step 4: Code the FEM_Body Module

After modifying the **Lin_Variante_MFL** parameter, you need to code the module to save the changes.

1. Click **Code** to apply the changes to the **FEM_Body** module.
2. Wait for the coding process to complete, ensuring that no errors occur during the procedure.

Step 5: Clear Any Remaining Errors

1. **Launch ISTA+** (if available) to perform a full vehicle scan.
2. Clear any fault codes related to the **FEM_Body** or the steering wheel.
   - These errors should no longer persist after coding the **Lin_Variante_MFL** to **nicht_aktiv**.

Final Checks

1. **Restart the vehicle** and verify that the "Multifunction Steering Wheel (MFL) Wrong Version" error is no longer present.
2. **Test the steering wheel functions**, including the multifunction buttons, to ensure that

they are working properly after coding.

3. If any other errors persist, perform a full scan with **ISTA+** to verify that no other issues are affecting the vehicle.

Conclusion

By following this guide, you have successfully disabled the **"Multifunction Steering Wheel (MFL) Wrong Version"** error by deactivating the LIN variant for the steering wheel in the **FEM_Body module**. This will allow you to retrofit an M-Sport or other multifunction steering wheel without triggering persistent errors.