



# UI Bulletin #185

**Subject:** Frame/Wheelbase Modifications – MD Trucks  
**Models Years Affected:** 2019 - beyond  
**Models Affected:** Silverado 4500-6500 HD  
**Origination Date:** April 6, 2022  
**Revision Date:** N/A

## ADVISORY:

### Condition/Concern:

Some upfitters may require modifications to the vehicle's chassis wheelbase to accommodate the installing of an upfit body.

### Repair/Recommendation:

Modifications to the chassis length should be performed to resemble that of an available/offered model/year production wheelbase length. Wheelbase lengths other than factory available do not have calibrations released for the vehicle stability systems (ABS and StabiliTrak). Wheelbase alterations affect wheel speed at each corner of the vehicle. If wheel speed inputs do not match the factory allowed variances/calibrated between sensors, the stability system detects an error and may set a Diagnostic Trouble Code (DTC). This occurrence may result in an unwanted stability control event. General Motors does not support calibrations outside of our production builds nor those that have not been tested and/or validated by GM.

In addition, After Frame lengths (AF) should not exceed those available/offered model/year by GM. Extreme AFs may alter CG/Weight distribution contributing to negative ride, braking and handling that may also affect stability systems (ABS and StabiliTrak).

### Additional Information:

Refer to the vehicle's Body Builder Manuals, Best Practices Manual, and Incomplete Vehicle Documents for reference. If you still have questions, please submit those via the Contact Us form (<https://www.gmupfitter.com/contact/>) of our website.