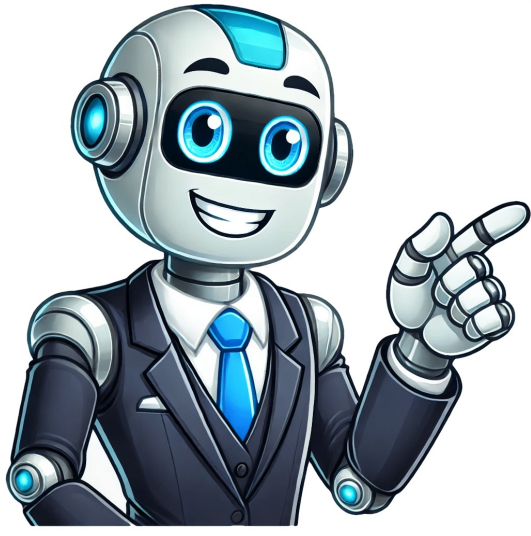


I'm not a bot



This manual provides instructions for building bodies (e.g. trailers, semi-trucks) that comply with safety and regulatory standards. The contents are organized into six sections. **Section 1: Introduction** * Provides an overview of the manual's purpose and scope **Section 2: Safety and Compliance** * Discusses federal and Canadian motor vehicle safety standards * Covers noise and emissions requirements **Section 3: Dimensions** * Presents overall dimensions for various body models (e.g. 389-131, 579-123) * Includes information on frame rails, cab height, fuel tanks, DEF tanks, exhaust systems, and ground clearance calculations **Section 4: Body Mounting** * Explains how to mount bodies onto frames using brackets or u-bolts * Covers critical clearances and torque requirements for welding **Section 5: Frame Modifications** * Describes how to modify frame rails, length, wheelbase, crossmembers, and welding requirements **Section 6: Electrical** * Focuses on electrical systems for the 389 and 579 family of bodies * Covers topics such as control unit identification, instrumentation, multiplexed instruments, transmission backup signals, junction boxes, and J1939 protocols. This manual is intended to provide guidance for body builders and manufacturers to ensure compliance with safety and regulatory standards. Peterbilt Heavy Duty Body Builder Manual provides comprehensive information for body builders, covering topics such as dimensional data, body mounting guidelines, electrical wiring configurations, and more. This manual is essential when installing bodies or associated equipment, offering guidelines to ensure optimized integration with vehicle selection, which can help reduce overall costs. However, it's crucial to note that specifications and products may change over time without prior notice, making it the user's responsibility to access the latest released information. Additionally, this manual includes safety signals and alerting messages to prevent injuries and costly damages, emphasizing the importance of following warning, caution, and note comments. WARNING: Don't dismiss these alerts! When you see this symbol, the following message is crucial. It signals a potentially hazardous situation that can result in death or serious injury if not avoided. The message will explain the hazard, what could happen if ignored, and how to steer clear of it. Example: Make sure to use a circuit breaker designed for liftgate amperage requirements. An incorrectly specified circuit breaker could cause electrical overload or fire. Follow installation instructions and use a circuit breaker with the recommended capacity. CAUTION: Signals a potentially hazardous situation that can result in minor or moderate injury or damage if not avoided. Example: Never use a torch to make a hole in the rail; instead, use an appropriate drill bit. NOTE: Provides general information, such as how to avoid damaging your vehicle or drive it more efficiently. Example: Ensure maintenance access to the battery box and fuel tank fill neck. Remember to read these messages when you see them! WARNING: Indicates a potentially hazardous situation that can result in death or serious injury if not avoided. CAUTION Signals a potentially hazardous situation that can result in minor or moderate injury or damage if not avoided. NOTE Useful information related to the topic. Peterbilt Motors Company prioritizes safety and compliance with Federal Motor Vehicle Safety Standards (FMVSS) and Canadian Motor Vehicle Safety Standards (CMVSS). As an Original Equipment Manufacturer, we ensure our products comply with applicable FMVSS and CMVSS where necessary. However, since this vehicle has no fifth-wheel and will be modified by a Body Builder (Final Stage Manufacturer), it was incomplete when it left the build plant. Incomplete Vehicle Certification A document certifying that the vehicle is not complete is shipped with the vehicle, along with an affixed label on the driver's side door frame or edge. These documents list FMVSS regulations the vehicle complied with upon leaving the build plant. You should be aware that modifying or altering components covered by these FMVSS regulations is your responsibility as the Final Stage Manufacturer to ensure compliance when completing modifications. Given article text here Vehicle Documentation for Record The manufacturer's and tire serial numbers should be recorded for your records. Once the vehicle is complete (installation of the body and any modifications), a certification label must be affixed to the vehicle as required by Federal law, identifying you as the "Final Stage Manufacturer" and certifying compliance with Federal Motor Vehicle Safety Standards. Trucks Equipped with Emission Control Labels Trucks equipped with a "Vehicle Emission Control Information" door label are certified to comply with US Greenhouse Gas regulations. The Coefficient of Rolling Resistance must be equal to or lower for new tires that replace original ones. Noise and Emissions Requirements NOTE: Tampering with the Diesel Particulate Filter (DPF) muffler unit is not recommended, as it may affect engine performance. Removing or modifying any part of the exhaust system without approval from US Code of Federal Regulations and Environment Canada Regulations is against the law. 2007/10/13 Emissions Engines Emissions engines integrated with particulate filters for 2007/10/13 EPA certification must be replaced with an approved part. The particulate filter assembly may include various components, such as a diesel oxidation catalyst, temperature sensors, and exhaust silencing components. Cab to Axle Dimensions Measured from the back of the cab to the centerline of rear axle(s), these dimensions are essential for body planning and chassis layout. Please note that not all equipment is depicted in this section; contact your local Peterbilt dealer for more information. ABBREVIATIONS Table 3-1 lists abbreviations used throughout this document, including: * DIMENSIONS OVERALL DIMENSIONS This section includes drawings and charts of various Peterbilt Models, such as the 389, 386, 384, and 567. Detail drawings illustrate specific views of each vehicle, showcasing critical measurements for designing bodies of all types. These drawings provide essential dimensions in inches (in), allowing users to locate the correct drawing using the "Contents" section at the beginning of the manual. All heights are measured from the bottom of the frame rail. Additionally, Peterbilt offers .dxf files and frame layouts for ordered chassis prior to build. Users can request this feature by speaking with their local dealership when specifying their chassis. Model 389-131 Top & LH View - Overall Dimensions: * Dimensions are for reference only * Dimensions are to the front of a 0.25" thick bumper * Front axle to front of frame (FFA) is 19.6" * Front of bumper to front of frame (BFF) is 11.4" Model 388-123 Top & LH View - Overall Dimensions: * Same as above Model 386 Top & LH View - Overall Dimensions: * Same as Model 389-131, except FFA is 35.6" and BFF is 14.0" Model 384 Top & LH View - Overall Dimensions: * Same as Model 389-131, except FFA is 35.6" and BFF is 12.0" Model 367SFFA Top & LH View - Overall Dimensions: * Same as above Model 367SBFA Sloped Hood Top & LH View - Overall Dimensions: * Same as above, except for sloped hood design Model 367SBFA HH Top & LH View - Overall Dimensions: * Same as above, except for heavy haul hood design Model 367SBFA HH FEPTO Top & LH View - Overall Dimensions: * Available in 22.4" or 31" FEPTO and without **Model 367 SBFA FEPTO Dimensions** The dimensions for Model 367 SBFA FEPTO are as follows: overall length and width, frame configuration, bumper placement, and other key measurements. These dimensions serve as reference points only. **Other Models' Dimensions** The same applies to Models 365 SFFA, 365SBFA, and 579-123/117/121. Each model has its own set of dimensions, including overall length and width, frame configuration, bumper placement, and other key measurements. **Sleeper Dimensions** For Models 389-123, 386, 384, 367, and 365, the following sleeper dimensions are provided: distance from the bottom of the frame rail to the top of the roof. **Cab Dimensions** The cab dimensions for Models 389, 388, 386, 384, 367, and 365 are as follows: * For 1.9m cab family models (Models 389-384): + Overall length and width + Cab height + Other key measurements * Extended cab dimensions: + Same as above, but with additional information on the extended cab configuration. **Frame Rail Configurations** The frame rail configurations for these models are shown in Figure 3-19. The figure provides a visual representation of the different frame rail options available for each model. The body mounting section of the Peterbilt 389 truck contains structural values. The frame rail configurations are noted in Figure 3-19. It is essential to note that the outserted frame section does not extend through the rear suspension area, as stated by Peterbilt Motors Company in pages 21 and 22. Additionally, Peterbilt has provided various resources for owners and operators, including free downloadable PDF manuals, error codes lists, and wiring diagrams.

How long is a peterbilt 389. Peterbilt 389 rework. Peterbilt 389 service truck for sale. Peterbilt service truck near me. Peterbilt 389 drive. What is a peterbilt 389. Peterbilt 389 custom. Difference between peterbilt 389 and 579. Грузовик peterbilt. Peterbilt 389 australia.