

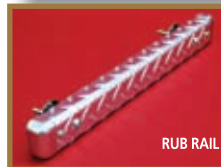


PL Advantage

Driven to be the best

Construction Detail

All-aluminum construction utilizing integrated extrusion design for door jambs and corner extrusions. The module body framework is a fully welded roll-cage structure of 6061T-6 aluminum tubes on 12" centers with .125 5053 H-34 single-piece aluminum skin panels on body sides and the roof. Aluminum diamond plate rub rails provide structural lower body protection.



Side Impact Safety

Upper and lower 5" x 2" impact safety rails are welded into the side structural framework along the full length of the ambulance body, as well as full height compartment doors to protect the ambulance and occupants from injury in the event of impact. Seat belts are secured to structurally reinforced framework in the body side walls.



Interior Safety

The PL Custom standard ambulance interior layout includes 45 degree upper cabinets, **radiused cabinet corner edges**, and dual retracting seat belts allowing seated personnel to move while remaining seated. The interior is designed to provide a safe working environment by keeping all necessary equipment within easy reach.



Interior Features

Creating a true workable interior for the Fire & EMS departments involves understanding their needs and responding with features like tip-out trash and sharps containers, recessed suction canisters, recessed "D" bottles, flush-mounted pull-out drawers, and **drop-down squad bench backrests** for maximized utilization of interior space.



K3 and Ford QVM

PL Custom is a proud charter member of the Ford QVM Program since 1989. We embrace the guidelines and apply them to all vehicles we produce. All ambulance models are fully certified to Federal Specification KKK1822 Rev. "F" and exceed the minimum criteria with a 37,500 lb static load on the roof and side frame.



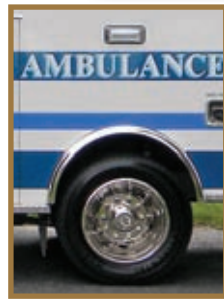
Electrical System

A lifetime warranty supports our fully-engineered, durable, reliable and serviceable conventional electrical system. This tried and true system uses the KIS principal for robust reliability. Other multiplexed systems such as PL Power Logix and Weldon V-MUX are available for those who need more advanced switching technology.



Lowered Body Skirts

Three-inch lowered side skirts on both sides of the vehicle offer better access to side entrance door and easier loading and unloading of oxygen cylinder. Intermediate step at side entrance door provides comfortable step into vehicle. Compartment forward of wheel benefits with 3" increased height and additional storage.



Climate Control

Often imitated, never duplicated. A high-pressure, high-volume climate control unit is specifically designed for our ducted application. There is 100% direct attachment to the ductwork – no connection hoses or plenums for loss of air flow. Ductwork and louver vents are designed and positioned for maximum air distribution. The PL system is simply "the best."



Insulation & Sound Deadening

Decidedly the quietest ambulance on the market today, our body is insulated with sound stop material in critical locations: wheel wells, side entrance step well and entrance doors. Thinsulate® is utilized for full body insulation and entrance doors. Expanded PVC composite sub floor material provides an impervious-to-fluids base with superior acoustical properties.



Medi Kool Units

Climate controlled cabinets for ALS supplies is becoming regulatory for many departments. The PL Custom interior design allows for maximum flexibility in cabinet layouts. Today's needs for secure storage are easily met with a variety of door and lock combinations.



Classic

Driven to be the best



WITH PL CUSTOM – THE CHOICE IS YOURS

Ford F450: 156" Body

Ford F450: 170" Body

Classic 156
165" WB • 84" CA • 16,500 GVW

- Ford Power Stroke V8 turbo diesel engine (300 HP)
- Ford torque-shift 6-speed transmission
- Ambulance prep package
- Dual heavy duty alternators
- Dual front air bags
- 4x4 or 4x2



Classic 170
189" WB • 108" CA • 16,500 GVW

- Ford Power Stroke V8 turbo diesel engine (300 HP)
- Ford torque-shift 6-speed transmission
- Ambulance prep package
- Dual heavy duty alternators
- Dual front air bags
- 4x4 or 4x2



TYPE I CLASSIC FEATURES

- Maximized exterior storage compartments – standard depth to accommodate stair chairs.
- Centrally-ducted climate control
- Fully recessed rear step
- Upper and lower side impact safety rails
- Recessed "D" bottles at head of squad bench
- 45° interior cabinets designed for safety
- Spacious and workable interior layouts
- Plenty of payload to support EMS and fire support needs
- Available with or without air ride

Classic 147

The Classic 147 Type I is offered on the Ford F350 chassis platform and supports the need for reduced overall vehicle size, while maintaining plenty of interior and exterior storage space with the 147" body.



- 147" body length
- 68" interior headroom

Classic 156

The Classic 156 is the workhorse of the F450 line. The 156" body provides for a nice handling and maneuverable vehicle with storage compartments to support the needs of today's Fire and EMS departments.



- 156" body length
- 68/72" interior headroom

Classic 170

The full-size Classic 170 supports the demands for maximum flexibility in interior and exterior layouts and equipment storage. Lowered skirts and extra deep compartments provide easier access into the vehicle and the accommodation for oversized stair chairs.



- 170" body length
- 68/72" interior headroom

INTERIOR LAYOUT OPTIONS



Traditional EMS layout



ALS layout



Dual squad benches

ELECTRICAL SYSTEM OPTIONS



Conventional electrical system



Multiplexed technology and reliability



Programmable push-button technology



Driven to be the best

TYPE I CLASSIC: THE ORIGINAL PL CUSTOM MODULAR AMBULANCE