Company Profile

PL Custom originated in Pompton Lakes, New Jersey in 1946. The company moved to Brick, New Jersey in the late 1960's. At that time, the company known as PL Custom Body continued its tradition of top quality ambulance vehicles. The brand of vehicles produced by the company became known in the industry as "P & L's".

PL Custom Emergency Vehicles / Rescue 1 was founded by Martin V. "Bud" Smock, a true entrepreneur in the emergency vehicle manufacturing industry. His forward thinking and passion led to many ambulance and rescue innovations over the years. As owner of a family-owned business, Bud’s vision for the company was to offer high quality customized products, while establishing personalized relationships with each individual customer.

The Smock family purchased PL Custom Body in 1970, at a time when the plant facility was 5,000 square feet and the company produced 3 ambulances per year with 7 employees. PL relocated from Brick to Wall Township in 1974 and as growth continued, settled in its present location at 2201 Atlantic Avenue. Today, the company occupies 110,000 square feet and has over 380 full-time employees, many of whom have been with the company for 15, 20, 30 and even 40 years. Longevity and dedication to customer satisfaction are key components with the entire PL Custom staff. More than 200 ambulances, rescues, and specialty vehicles are produced and delivered each year.

With Bud’s passing in 2006, Jean Smock assumed the role of CEO, maintaining the family-owned business. Deborah Smock Thomson, Bud’s daughter, has been with the company since 1978. Over the years she has developed a nearly unmatched knowledge of the industry and recently took over the reins as President of the company.

Nancy Rahagar joined PL Custom in 2007 and has been instrumental in many improvements to our finance department and manufacturing operations. Nancy now holds the position of Vice President of Operations and Finance.

PL Custom offers all models of modular ambulances—the Medallion Type III, the Titan Medium Duty, and the Classic Type I. PL Custom supports the custom ambulance line by offering ambulance body remounts and all makes and designs of Fire Chief and First Response vehicles.

Our corporate commitment is to provide a high quality emergency vehicle to serve the needs of the department and the community, and when you purchase a PL Custom emergency vehicle, you get much more. Our company builds relationships and trust with our customers as well as vehicles. This is the added value standard at PL Custom.

PL Custom has remained a stable, reliable company over the years and has maintained our vision as an independently-owned, customer-focused designer and manufacturer of high quality custom emergency vehicles. Reliability, durability and safety are our core values supporting the sales design, engineering, and manufacturing of all our products.

At PL Custom, we’re unique in many ways—from delivering lasting value, to understanding your needs and exceeding your expectations. Find out more about our unmatched commitment to customer satisfaction.

www.plcustom.com
2201 Atlantic Avenue • Manasquan, NJ 08736
732-223-1411 • 800-PL CUSTOM (Outside New Jersey)

PL Custom Emergency Vehicles is a division of PL Custom Body and Equipment Co., Inc.
Medallion Type III
The highest standard for emergency vehicles today.

Medallion 170
Ford E450 chassis
- 158” WB/100” CA
- 6.8L V10 gas engine
- Ambulance prep package
- Ford TorqueShift 5-speed automatic transmission
- GVW 14,500 – payload 3,750 lbs.

Body
- 170” body length
- 68”, 72”, 75” interior headroom options
- Lowered left & right side body skirts
- Centrally-ducted climate control
- 24” curb side backboard compartment
- Maximized exterior storage compartments

Medallion 80
Chevy G3500 chassis
- 138” WB/80” CA
- 6.8L V10 gas engine
- GVW 11,500

Body
- 147” body length
- Lowered left & right side body skirts

Medallion Type III PL Advantage

Construction Detail
All-aluminum construction utilizing integrated extrusion design for door jambs and corner extrusions. Corner extrusion has internal web 3/8” thick. The module body framework is a fully welded roll-cage structure of 6061T-6 aluminum tubes on 12” centers with 125 5052 H-34 single-piece aluminum skin panels on body sides and the roof.

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.

K3 and Ford QVM
PL Custom is a proud charter member of the Ford QVM Program since 1988. 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. System offers flexibility along with PL’s signature courtesy circuits and allows for easy field service when needed.

Climate Control
Often imitated. Never duplicated. A high volume climate control unit is specifically designed for our ducted application. 100% direct attachment to the duct work – no connection hoses or plenums for loss of air flow. Louvered vents are designed and positioned for maximum air distribution. 38,000 BTU cooling, 60,000 BTU heat, and 650 CFM brushless blower fan. 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.

Warranties
- Lifetime modular body structural
- Lifetime electrical
- 3-year/36,000 mile general conversion
- 10-year paint lustre
- V-MUX: 10-year nodes, 5-year Vista screens

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- Lifetime modular body structural
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- 10-year paint lustre
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PL CUSTOM WITH PL CUSTOM — DIFFERENCE

Driven to be the best
**Dashboard Options**

- **Conventional electrical system.**
- **V-MUX programmable push-button/touch screen multiplex system.**
- **Switches at rear and side doors offer courtesy and momentary cancel functions.**

**Dashboard Options**

- **Right side auxiliary switch locations**
- **Full control panel in curb side safety layout.**
- **Auxiliary switches for six primary functions.**
- **Secondary Vista screen panel controls all functions.**

**Consoles**

- **Freightliner with V-MUX Vista screen on a swivel arm mounted to dash.**

**Body**

- **170" body length**
- **68", 72", 75" interior headroom options**
- **Lowered left & right side body skirts**
- **Maximized exterior storage compartments**
- **24" curb side backboard compartment**

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**Classic 170**

- **Ford F450/550 chassis**
  - 189" WB/108" CA
  - Ford 6.7L V8 turbo diesel engine
- **Dodge 4500/5500 chassis**
  - 192" WB/108" CA
  - Cummins 6.7 I-6 diesel engine
  - GVW 16,500 to 19,500
  - Payloads from 3,500 to 6,000 lbs. depending on GVW
  - Available with and without air ride

**Body**

- **170" body length**
- **68", 72", 75" interior headroom options**
- **Lowered left & right side body skirts**
- **Maximized exterior storage compartments**

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**Classic 156**

- **Ford F450/550 4x2/4x4**
  - 168" WB/84” CA
  - Cummins 6.7 I-6 diesel engine
- **Dodge 4500/5500 4x2/4x4**
  - 165" WB/84" CA
  - Ford 6.7L V8 turbo diesel engine

**Body**

- **156" body length**
- **68", 72", 75" interior headroom options**

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**Classic 147**

- **Ford F350 4x2 chassis**
  - 165" WB/84" CA
  - Ford 6.7 V8 turbo diesel engine
  - GVW 14,000

**Body**

- **147" body length**
- **Lowered left & right side body skirts**
- **Maximized exterior storage compartments**

---

**Conventional electrical system.**

- **Full control panel in curb side safety layout.**
- **Auxiliary switches for six primary functions.**
- **Secondary Vista screen panel controls all functions.**

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**Glove storage below left rear cabinet—easily accessible from rear door.**

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**DISCOVER THE CHOICE IS YOURS**

**Classic Type I**

- The original PL Custom modular ambulance.

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**PL CUSTOM EMERGENCY VEHICLES**

Driven to be the best
Titan Medium Duty
Supports specialized needs for EMS and fire service.

Freightliner M2 Chassis
- Cummins ISB 240 hp engine
- Allison 3000 EVS transmission
- 168” WB/102” CA
- GVW 20,000
- Hydraulic or air brakes
- Air Liner OEM air ride
- 40 gallon fuel tank between frame rails

Body
- 170”–176” body length
- 72”, 75” interior headroom options
- Lowered left & right side body skirts
- Maximized 22” deep exterior storage compartments
- 24” curb side backboard compartment

International Durastar 4300 Chassis
- MaxForce DT engine
  215-300 hp
- Allison 2200/3000 EVS transmission
- 168” WB/102” CA
- 174” WB/108” CA
- GVW 20,000
- Hydraulic or air brakes
- IROS OEM air ride

Right front in/out compartment with roll-up door
Glove and supply storage in right rear cabinet facing squad bench.

International TerraStar Chassis
- MaxForce 7 300 hp engine
- Allison 1000 EVS transmission
- 183” WB/108” CA
- GVW 19,500
- Hydraulic brakes
- 40 gallon fuel tank between frame rails
- IROS OEM air ride

Body
- 183” WB/108” CA

Traditional EMS layout: single seat on left and squad bench on right.

Double-wide CPR seat with 45 degree upper cabinets and easy-to-reach gloves.

Double-wide right side seat with easy access to equipment and controls.

Multiple captain’s chairs provide comfort for hospital teams.

Sliding swivel seat allows attendant to move as needed for patient care while seat belted.

Counters fore and aft of seat keep equipment within arm’s reach.

Manufacturing custom-built emergency vehicles since 1946.
Titan Medium Duty
Supports specialized needs for EMS and fire service.

Freightliner M2 Chassis
- Cummins ISB 240 hp engine
- Allison 3000 EVS transmission
- 168" WB/102" CA
- GVW 20,000
- Hydraulic or air brakes
- Air Liner OEM air ride
- 40 gallon fuel tank between frame rails

Body
- 170–176" body length
- 72", 75" interior headroom options
- Lowered left & right side body skirts
- Maximized 22” deep exterior storage compartments
- 24” curb side backboard compartment

International Durastar 4300 Chassis
- MaxForce DT engine 215-300 hp
- Allison 2200/3000 EVS transmission
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- MaxForce 7 300 hp engine
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Body
- 170–176" body length
- 72", 75" interior headroom options
- Lowered left & right side body skirts
- Maximized 22” deep exterior storage compartments
- 24” curb side backboard compartment

Traditional EMS layout: single seat on left and squad bench on right.

Double-wide right side seat with easy access to equipment and controls.

Counters fore and aft of seat keep equipment within arm’s reach.

Double-wide CPR seat with 45 degree upper cabinets and easy-to-reach gloves.

Sliding swivel seat allows attendant to move as needed for patient care while seat belted.

Right front in/out compartment with roll-up door

Glove and supply storage in right rear cabinet facing squad bench.

Glove and supply storage in right rear cabinet facing squad bench.

Manufacturing custom-built emergency vehicles since 1946.
**Electrical Options**

Conventional electrical system.

V-MUX programmable push-button/touch screen multiplex system.

Switches at rear and side doors offer courtesy and momentary cancel functions.

**Dashboard Options**

The International TerraStar chassis has a flat dashboard panel that easily accommodates conventional switches or a V-MUX Vista screen either on a swivel arm or flush-mounted in the dash.

Freightliner with V-MUX Vista screen on a swivel arm mounted to dash.

**Right side auxiliary switch locations**

Full control panel in curb side safety layout.

Auxiliary switches for six primary functions.

Secondary Vista screen panel controls all functions.

**Consoles**

**Classic 170**

- **Ford F450/550 chassis**
  - 189" WB/108" CA
  - Ford 6.7L V8 turbo diesel engine

- **Dodge 4500/5500 chassis**
  - 192" WB/108" CA
  - Cummins 6.7 L-6 diesel engine
  - GVW 16,500 to 19,500
  - Payloads from 3,500 to 6,000 lbs. depending on GVW
  - Available with and without air ride

**Body**

- 170" body length
- 68", 72", 75" interior headroom options
- Lowered left & right side body skirts
- Maximized exterior storage compartments
- 24" curb side backboard compartment

**Classic 156**

- **Ford F450/550 4x2/4x4**
  - 168" WB/84" CA
  - Cummins 6.7 L-6 diesel engine

- **Dodge 4500/5500 4x2/4x4**
  - 165" WB/84" CA
  - Ford 6.7L V8 turbo diesel engine

**Body**

- 156" body length
- 68", 72", 75" interior headroom options

**Consoles**

**Classics 156**

- Glove storage below left rear cabinet—easily accessible from rear door.

**Classics 147**

- **Ford F350 4x2 chassis**
  - 165" WB/84" CA
  - Ford 6.7 V8 turbo diesel engine

**Body**

- 147" body length
- Lowered left & right side body skirts
- Maximized exterior storage compartments

**Consoles**

**Classics 147**

- Sharp's disposal located next to right side attendant seat.

**DISCOVER THE CHOICE IS YOURS**
Medallion Type III
The highest standard for emergency vehicles today.

Medallion 170
Ford E450 chassis
- 158" WB/100" CA
- 6.8L V10 gas engine
- Ambulance prep package
- Ford TorqueShift 5-speed automatic transmission
- GVW 14,500 – payload 3,750 lbs.

Body
- 170" body length
- 68", 72", 75" interior headroom options
- Lowered left & right side body skirts
- Centrally-ducted climate control
- 24" curb side backboard compartment
- Maximized exterior storage compartments

Construction Detail
All-aluminum construction utilizing integrated extrusion design for door jams and corner extrusions. Corner extrusion has internal web 3/8" thick. The module body framework is a fully welded roll-cage structure of 6061T-6 aluminum tubes on 12" centers with 125 5052 H-34 single-piece aluminum skin panels on body sides and the roof.

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Medallion 80
Chevy G3500 chassis
- 6.6L Duramax diesel 260 hp engine
- GVW 12,300
- Ford E350 chassis
- 138" WB/80" CA
- 6.8L V10 gas engine
- GVW 11,500

Body
- 147" body length
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Warranties
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Life support station offers plenty of counter space.

Intermediate side entrance door step with recessed "D" bottle storage.

PL Advantage
With PL Custom – DIFFERENCE

With PL Custom – DIFFERENCE

DRIVEN TO BE THE BEST

Warranties

Warranties

WITH PL CUSTOM – DIFFERENCE

DRIVEN TO BE THE BEST

PL CUSTOM EMERGENCY VEHICLES

PL CUSTOM EMERGENCY VEHICLES

DRIVEN TO BE THE BEST
Company Profile

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