



ARMORED FORD F-550 PITBULL FX®

Professionally Armored to Level A9/B6+
7.62x39, 5.56x45, 7.62x51, M193, & M80 ball



This vehicle is available
for immediate delivery

ALPINE ARMORING INC.

www.alpineco.com

BASE VEHICLE SPECIFICATIONS

MAKE: Ford

MODEL: F-550 4x4 (Pit-Bull FX®)

VIN: **1FDAF57R98EA73379**

YEAR: 2008 (Brand New)

ENGINE: 6.4 L. V8 Power-Diesel

POWER: 325 hp @ 3,000 rpm

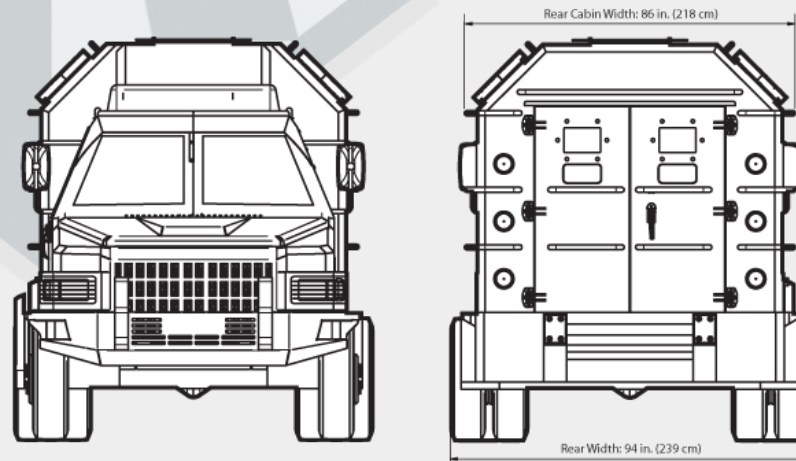
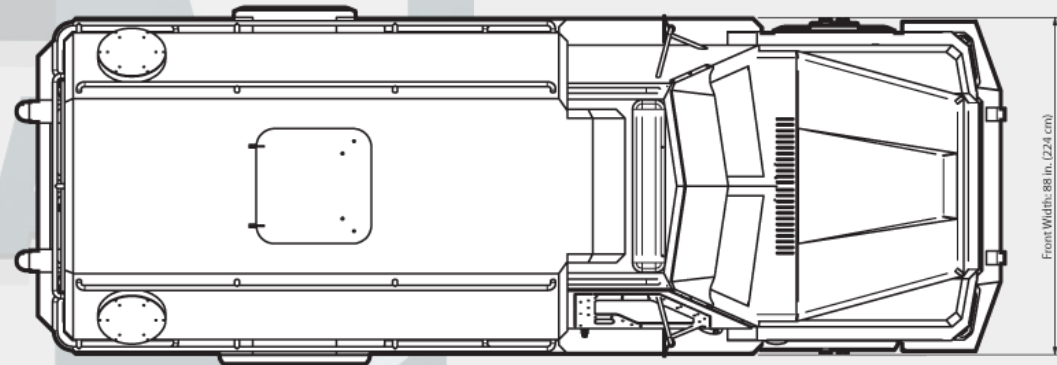
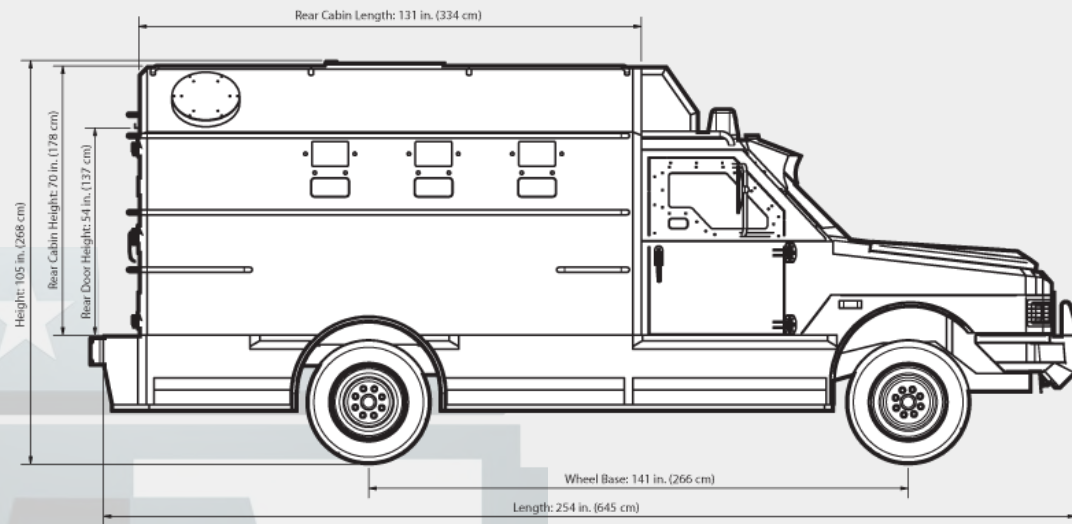
TRANSMISSION: 5-Speed Automatic

COLOR: Navy Blue

INTERIOR: Vinyl/Plastic/Metal

SEATING: 2 + 8

WEIGHT: 16,500 lbs. (Armored)



Original Vehicle's [Title](#)
 OEM's [Window Sticker](#)

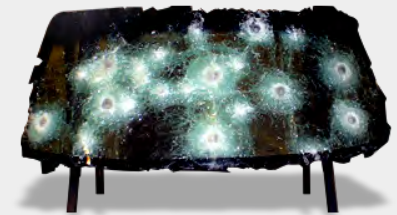
ALPINE ARMORING INC.

"no one protects you better."



GENERAL ARMORING SPECIFICATIONS

- A. Protection at **Level A9/B6+**, against high power rifles including **7.62x39, 5.56x45, 7.62x51, M193, & M80 ball**
- B. Opaque Armor (*see page 4*)
- 6 & 8 mm certified ballistic steel used throughout entire vehicle
 - Everything from the floor to the battery and fuel tank are protected
- C. Transparent Armor (*see page 5*)
- 40 mm multi-hit certified ballistic glass/polycarbonate
 - Anti-spall layer
- D. Door Armor (*see page 6*)
- Overlap for seamless protection
 - Fully reinforced with heavy-duty hinges and locking mechanisms
- E. Interior/Structure Armor (*see page 7*)
- Built around a ballistic steel frame
 - Features eight (8) viewing windows/gun ports, roof access, and gear storage
- F. Audio/Visual Alert Systems (*see page 8*)
- Police bar style roof-mounted strobe lights and remote controlled GoLights (x2)
 - P.A./Multi-siren system
- G. Additional Features (*see page 9*)
- Exterior grab handle rails, running boards, and low profile rear steps
 - Six (6) run-flat wheel inserts installed
 - Rear cabin independent A/C system and exhaust fans
 - Heavy-duty jack included
 - CBRNE options are available



DETAILED ARMORING SPECIFICATIONS

OPAQUE ARMOR

- B. Certified 6 & 8 mm ballistic steel is used throughout the entire vehicle
 - Additional ballistic steel armoring for the battery, ECM, and fuel tank
 - All doors pillars and posts are reinforced with ballistic steel
 - Stitch welded plates provide gapless protection



Certified Ballistic Steel

Protection at **Level A9/B6+**, against high power rifles including: 7.62x39, 5.56x45, 7.62x51, M193, & M80 ball



Body Construction

The entire body of the vehicle, inside and out, is constructed using ballistic steel, providing uncompromised protection



Ballistic Steel Floor

Protection against mine and DM51 fragmentation grenades



Armor Overlap

Provides seamless protection. Used with all doors, windows, and ports



Engine Bay

Ballistic steel protects the entire engine bay as well as the radiator



Quality Craftsmanship

Using patented welding and fabrication methods, quality is guaranteed

DETAILED ARMORING SPECIFICATIONS

TRANSPARENT ARMOR

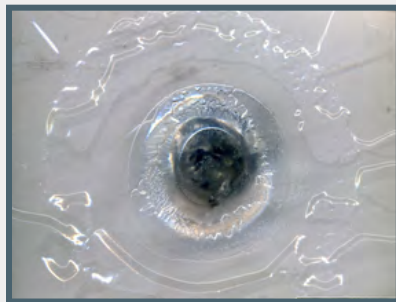
C. Protection at **Level A9/B6+**, against high power rifles including **7.62x39, 5.56x45, 7.62x51, M193, & M80 ball**



Window Thickness
40 mm thick glass/polycarbonate



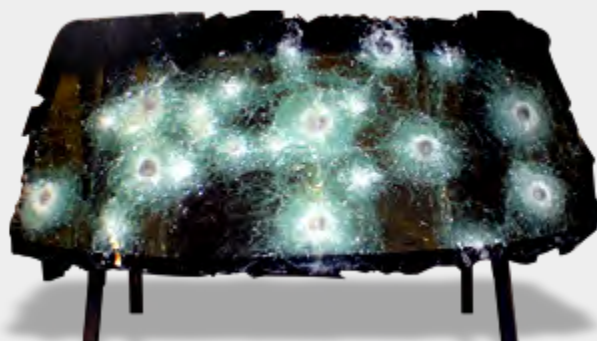
Multi-hit Protection
40 mm thick for maximum protection



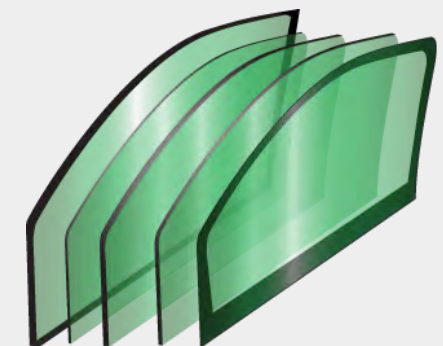
Anti-Spall
Anti-spall layer prevents glass fragments from penetrating into passenger cabin



Layered Design
Layered glass and composites protect against multiple hits, providing more time to escape



Multi-Layered High Optics
Factory tinted Glass/Polycarbonate



DETAILED ARMORING SPECIFICATIONS

DOORS

D. All doors are made with ballistic steel and 40 mm ballistic windows, providing multi-hit protection



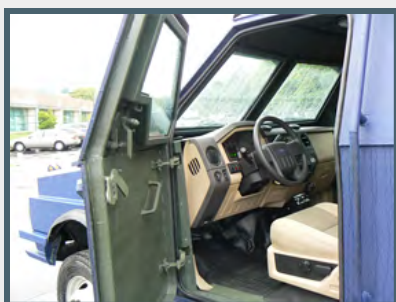
Front Doors

Front doors feature heavy duty locks and gun ports



Rear Doors

Rear features double doors for easy entrance and exit



Door Overlaps

All door overlaps (extra padding used) protect against penetration from every angle



Heavy-Duty Hinges

Ensure smooth and reliable door operation and compensate for the weight of the armoring



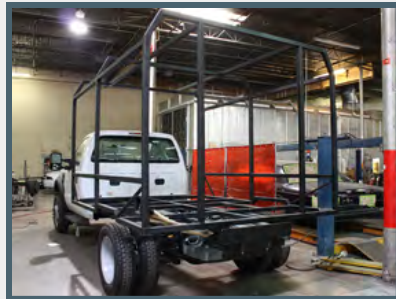
Heavy-Duty Door Locks

All doors are equipped with custom heavy-duty locks

DETAILED ARMORING SPECIFICATIONS

INTERIOR/STRUCTURE ARMOR

E. Built around a ballistic steel frame and features viewing windows and gun ports for all occupants



Frame Construction

Ballistic steel frame provides extra overlap for all exterior plates and ensures structural rigidity



Rear Seating

Seating for total of eight in rear cabin (four on each side)



Rear Windows/Gun Ports

Rear cabin is outfitted with eight (8) viewing windows and gun ports



Front Windows/Gun Ports

Driver and passenger doors feature individual gun ports under the windows



Roof Hatch

Features integrated roof hatch in the rear cabin



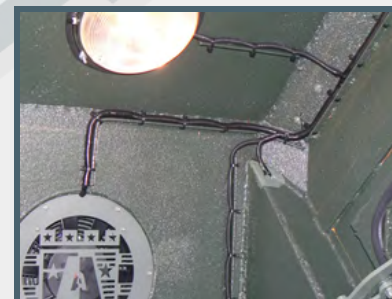
Collapsible Pedestal

Rear cabin features a collapsible pedestal that makes it easier to access the roof hatch



Storage

Rear cabin features built-in gear storage under the passenger seats



Field-Serviceable Wiring

All rear cabin wiring is exposed, making it easy to repair when out in the field

DETAILED ARMORING SPECIFICATIONS

AUDIO/VISUAL ALERT SYSTEMS

F. The Pit-Bull FX is equipped all necessary public alert systems



Roof-Mounted Lighting

All alert lighting is mounted on the roof of the driver's cabin



Red & Blue Lights

Police style bar mounted on the roof



GoLight Search Lights

Roof-mounted remote controlled GoLight search lights provide full exterior illumination capabilities (set of two)



GoLight Control

Each GoLight has its own remote control that is mounted on the dashboard



P.A./Multi-Siren System

Features exterior mounted speaker/siren. Interior dash-mounted quick select siren and microphone

DETAILED ARMORING SPECIFICATIONS

ADDITIONAL FEATURES

G. Other features included are pictured below



Rear Cabin A/C System
Rear cabin features a fully independent A/C system



Air Flow
Two exhaust fans are installed in the rear cabin to ensure optimal air flow



Exterior Grab Handle Rails
Built-in exterior grab handles allow for quick arrival and deployment



Exterior Running Boards
Compliments the exterior grab handles, allowing personnel to ride on the outside



Run-Flat Inserts
Six (6) run-flats installed



Heavy-Duty Jack
Heavy-duty mechanical jack is included. Mounted behind front passenger seat

GENERAL SPECIFICATIONS

OEM FEATURES

- 19" wheels with 225/70R tires
- Original dashboard and instruments
- Front climate control with A/C and heater
- Original driver and passenger seats
- All OEM manuals/information included

OPAQUE

- 6 and 8 mm ballistic steel (armoring/construction)
- Armor overlap for all doors/windows/ports
- Battery and ECM armor protection
- Ballistic steel fuel tank protection
- Full engine bay protection including radiator
- Ballistic steel floor (grenade/mine protection)
- Reinforced door pillars and posts
- Stitch welded plates provide gapless protection

GLASS

- 40 mm glass/polycarbonate construction
- Anti-spall shielding layer
- Multi-hit protection
- Custom tinting available

DOORS

- Overlap protection on doorframes
- Reinforced door pillars
- Reinforced heavy-duty door hinges
- Heavy-duty door lock mechanisms

INTERIOR

- Ballistic steel frame provides extra overlap
- Front seating (driver/passenger)
- Driver & passenger door gun ports
- Front cabin light (red/white x1)
- Rear seating (4 left side/4 right side)
- Rear cabin viewing windows (x6)
- Rear cabin gun ports (x6)
- Rear door viewing windows (x2)
- Rear door gun ports (x2)
- Rear cabin lighting (red/white x6)
- Rear cabin roof access hatch
- Collapsible pedestal on floor (roof access)
- Gear storage under rear cabin seats
- Field-serviceable wiring

AUDIO/VISUAL ALERT SYSTEMS

- Police bar style roof-mounted strobe light
- P.A./Multi-siren system
- Two (2) roof-mounted remote GoLights®

ADDITIONAL FEATURES & SECURITY

- Full-length exterior grab handle rails
- Exterior running boards on the sides/rear
- Low-profile rear steps for quick access
- Mechanically operated heavy-duty jack
- Rear cabin independent A/C system
- Two (2) exhaust fans in the rear cabin
- Six (6) run-flat wheel inserts installed
- CBRNE options are available



[OEM Window Sticker](#)

COMPLETED VEHICLE

EXTERIOR-INTERIOR PHOTOS



ALPINE'S BALLISTIC CHART

ALPINE ARMORING INC.

| LEVEL | CALIBER | TYPE | MASS (gram) | MATERIAL | VELOCITY m/s (ft/s) (a) | SHOTS | UL (b) | NIJ (f) | CEN | DIN |
|-------|--------------|--------------------|-------------|----------|-------------------------|-------|--------|------------|--------|-----|
| A1 | 9 x 19 mm | Handgun (Pistol) | 8 | LCCJ | 358 (1,175) | 5 (e) | 1 | I, IIA, II | — | 1 |
| A2 | .357 Magnum | Handgun (Pistol) | 10.2 | JSP | 430 (1,410) | 5 (e) | 2 | IIA, II | B1, B3 | 2 |
| A3 | .44 Magnum | Handgun (Revolver) | 15.6 | LWC | 440 (1,443) | 5 (e) | 3 | IIIA | B4 | 3 |
| A4 | 9 x 19 mm | Sub-machinegun | 8 | LCCJ | 427 (1,400) | 5 (e) | 6 | IIIA | B2 | — |
| A5 | 7.62 x 25 mm | Handgun (Tokorev) | 5.5 | LCSJ | 488 (1,600) | 5 (e) | — | — | — | — |
| A6 | 7.62 x 39 mm | AK-47 (HP Rifle) | 9.7 | SCCJ (d) | 732 (2,400) | 5 (e) | — | — | — | — |
| A7 | .30 - 06 | HP Rifle | 11.7 | JSP | 774 (2,540) | 5 (e) | 4 | — | — | — |
| A8 | 5.56 x 45 mm | HP Rifle (M-16) | 3.6 | LCCJ (d) | 991 (3,250) | 5 (e) | 7 | — | B5 | 4 |
| A9 | 7.62 x 51 mm | HP Rifle / M193 | 9.7 | LCSJ (d) | 838 (2,750) | 5 (e) | 5, 8 | III | B6 | 5 |
| A10 | .30 - 06 | HP Rifle | 10.8 | AP (d) | 869 (2,850) | 3 (e) | — | IV | B7 | — |
| SG | 12 Gauge | Shotgun | 28.3 | Slug | 503 (1,650) | 3 (c) | SG | — | SG2 | SG2 |

- UL:** Underwriters Laboratory, 752
- NIJ:** National Institute of Justice, 0108.01
- CEN:** European Standard
- DIN:** German Standards, 52290
- STANAG:** NATO

LCCJ: Lead Core Copper Jacket

JSP: Jacketed Soft Point

LWC: Lead Wad Cutter

LCSJ: Lead Core Steel Jacket

SCCJ: Steel Core Copper Jacket

AP: Armor Piercing

SG: Shotgun

(A) Minimum Measured Velocity

(B) Ambient Temperature Only

(C) 11.4 cm Triangular Patter

(D) Military Ammunition, All Other Commercial

(E) Corners & Center of 11.4 Square Pattern

(F) Levels I, II, IIA & IIIA based on 1 of 2

Required Calibers of Ballistic Threat





WARRANTY

FORD F-550 PIT-BULL FX SWAT TRUCK
VIN: 1FDAF57R98EA73379

The vehicle above is under Alpine's premium warranty covering all its armored parts and labor as well as all added accessories for one full year, effective the date of final delivery to the client.

Alpine Armoring Inc. hereby honors this warranty, in the United States and worldwide, against any and all related manufacturer's defects.

MANAGEMENT AUTHORIZED
ALPINE ARMORING INC.
HERNDON, VIRGINIA, USA

DATE SIGNED

Original Vehicle's [Title](#)

OEM's [Window Sticker](#)





Certificate of Ballistic Standards

FORD F-550 PIT-BULL FX SWAT TRUCK
VIN: 1FDAF57R98EA73379

The vehicle above is hereby certified according to level **A9/B6+**. The materials, both opaque and transparent (including ballistic hardened steel, all glass and/or any special composite material), used in armoring this vehicle have been tested and certified by an authorized independent laboratory.

CONVERSION: Entire passenger area (Transparent and Opaque), roof, and especially floor, plus firewall and wheel wells. Battery, computer module and fuel tank are also protected.

- Full multi-hit (5 rounds) protection against high power rifles (A9/B6+), including **AK47, 7.62x39, 5.56x45, 7.62x51, M193 & M80 ball**
- All original glass is removed and replaced with high quality no spall NIJ tested Multi-layered ballistic polycarbonate/glass
- All opaque materials surrounding the passenger area are replaced with hardened ballistic NIJ certified steel
- All overlap areas are protected separately with multilayered padding on both sides
- Protection for the floor (against mines/fragmentation including two DM51 anti-personnel hand grenade) using ballistic steel
- Protection for the roof (at or above 45° angle) using special ballistic steel
- Fuel tank will be ballistically and independently protected all around
- Separate ballistic protection for the battery, black box/computer module
- Patented design armoring for firewall and all wheel wells

Management
Alpine Armoring Inc.
Herndon, Virginia, USA

Date