



"no one
protects you
better."



Available at Levels:
A9/B6+/STANAG II
&
A10-A11/B7/STANAG III

PIT-BULL XL[®]

ALPINE ARMORING INC.

alpineco.com



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2
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TRANSPARENT AREAS

- Special high level ballistic glass – B6+ (47 mm)
- Special high level ballistic glass – B7 (66 mm)
- Anti-spall shield layer
- Multi-hit protection

OPAQUE AREAS

- Special light material ballistic steel (6-10 mm)
- Four (4) side doors
- Single rear door – opening up to (110 cm)
- High Ballistic steel door pillars
- Custom heavy-duty door hinges
- Multiple paddle style handles for rapid entry
- Grab handles on interior/exterior of all doors

ELECTRICAL & LIGHTING

- All wires are loomed and clearly marked
- Multi-switched red & white dome lights
- 2 roof mounted GoLights® with toggle switch
- Public Adress (P.A.) multi-siren system
- Red and blue strobe lights on all sides
- Equipment & accessories control console

SEATING (Choice of Bench or Blast)

- OEM Driver & Passenger seats
- Aircraft design blast seats (**optional**)
- 2 jump seats behind driver and passenger
- Extendable and removable extra 2 seats
- Total seating for up to 14 crew

CLIMATE CONTROL

- Front cab utilizes OEM climate controls
- Rear independent high output A/C system w/6 vents

WHEELS & TIRES

- Rims: Military specs 20"x11" forged aluminum
- Tires: Michelin/Continental 335/80R20 tubeless
- Run-flats installed on all wheels

STANDARD FEATURES & ACCESSORIES

- First aid kit and fire extinguisher in front
- Rear pintle hook installed below foot rail
- Ballistic fuel tank armoring
- Lockable fuel doors
- Reinforced door pillars and posts
- Tailpipe protection
- Heavy duty truck suspension components
- Deadbolt locking doors with power lock feature

GUN-PORTS

- 14 (6 + 6 + 2) For the model "XL"
- 12 (5 + 5 + 2) For the model "X"

INTERIOR FEATURES

- Dual-wall insulated construction
- Rhinoliner low skid floor in front cab compartment
- Anti slip heavy duty textured rear floor
- Hydraulic Lifting platform to better access the turret

EXTERIOR FEATURES

- Front RAM bumper mounted to frame
- Grab handles and 12" wide foot rails
- Roof escape hatch
- Optional gun turret (**see page 10**)

CAMERA SYSTEM

- 3 Independently operated cameras (2 sides & rear)
- Color Monitor with split screens
- DVR Capable





VEHICLE SPECIFICATIONS PIT-BULL XL ®

SWAT TRUCK PIT-BULL XL ®
VIN: 1FDUF5HTODEA48047

VIN:	1FDUF5HTODEA48047
ARMOR LEVEL:	A9 B6 + / STANAG II
MAKE/MODEL:	Ford F-550 4x4 / PIT-BULL XL ®
ENGINE:	6.7L V8 DIESEL
TRANSMISSION:	6-Speed Automatic
POWER:	300 HP & 660 lb-ft.
SEATING:	14 / 15 (2 + 5 + 5 + 1 + 1 + 1)
WHEELS:	20 x 11 MILITARY / TACTICAL
TIRES:	Michelin/Continental 335/80R20
WEIGHT (B6+):	approx. 18,800 LBS (8,500 KG)
GUN PORTS:	14 (6 + 6 + 2)
LENGTH:	263 IN. (668 CM)
WHEELBASE:	165 IN. (419 CM)
HEIGHT:	100 IN. (254 CM)
WIDTH:	98 IN. (248 CM)
CLEARANCE:	12 IN. (31 CM)



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3
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Floor

Entire floor is lined with blast rated ballistic steel.

5-1

Roof

Roof is lined with special ballistic steel at an angle.

5-5



Firewall

Uniquely designed Ballistic steel firewall with full protection up front.

5-2

Doors

All doors are lined with ballistic steel.

5-6



Frames-Windows

All window frames are designed in a modular way for better protection and ease of replacement for maintenance.

5-3

Heavy-Duty Hinges

Customized Heavy Duty hinges that will withstand the weight of the armored doors.

5-7



Overall Insulation

The inner layer of the entire armored vertical sections and the roof are insulated with special material to protect against excessive cold & heat.

5-4

Wheel Wells

Front and rear wheel wells are fully covered with certified ballistic steel.

5-8





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Frame Construction

Along with the body panels, the frame is constructed out of ballistic steel.

6-1

Power Lock Mechanism

Custom built locking mechanism specially built for this SWAT Truck, also equipped with remote Keyless entry & start.

6-5



Radiator Protection

A ballistic steel shroud is installed in front of the radiator.

6-2

Fuel Tank Protection

Fuel tank is fully protected and is encased in ballistic steel.

6-6



Armored Turret (Option)

Rotatable armored turret with armored hatch. This device is not normally offered in a standard package.

(See page 12, picture 12-6)

6-3

Escape Hatch

One escape hatch is built into the middle section of the roof (up to three).

6-7



Rear Door

Featuring a single rear door that swings for a wide opening, constructed out of ballistic steel.

6-4

Heavy-Duty Bumper

Customized design, Installed directly to the frame. Can be used as a ramming device.

6-8





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Glass Thickness

For B6+: 47 mm

7-1



Glass Thickness

For B7: 66 mm

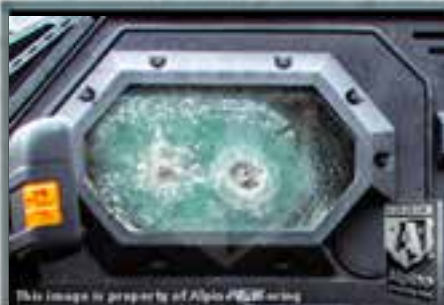
7-2



Anti-Spall Layer

Inner-most anti-spall layer prevents glass and bullet fragments from penetrating into passenger cabin area.

7-3



Multi-Hit Protection

All windows are capable of sustaining multiple hits of respective levels all around.

7-4

Multi-layer Construction





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Light Control Console

1st Control box for remote spot lights & strobe lights

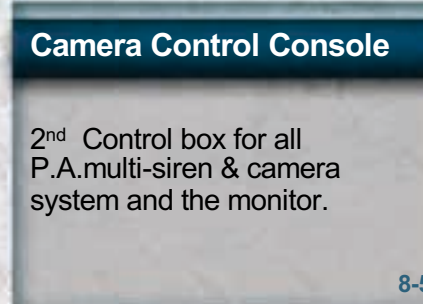
8-1



Strobe Lights

Total 8 – in pairs of 2 red & blue LED flashing lights with special mesh-screened housing, all situated on all sides of the vehicle.

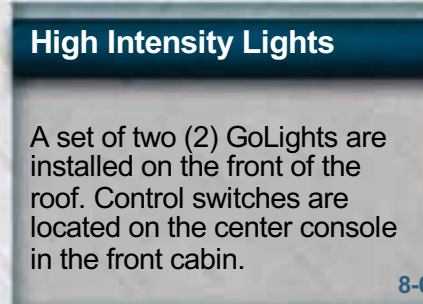
8-2



Camera Control Console

2nd Control box for all P.A. multi-siren & camera system and the monitor.

8-5



High Intensity Lights

A set of two (2) GoLights are installed on the front of the roof. Control switches are located on the center console in the front cabin.

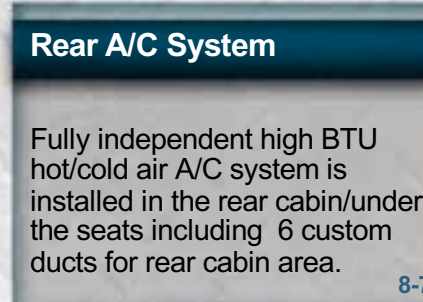
8-6



Battery Charger

Kusmaul 110 volt AC exterior battery charging system with exterior mounted plug in.

8-3



Rear A/C System

Fully independent high BTU hot/cold air A/C system is installed in the rear cabin/under the seats including 6 custom ducts for rear cabin area.

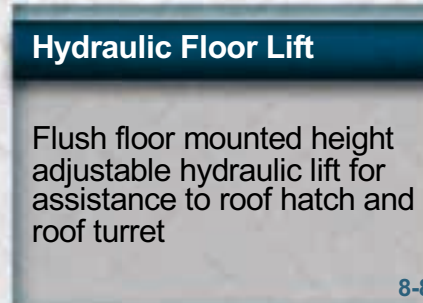
8-7



Surveillance Cameras

Available with 360 degree vehicle surveillance camera and dash mounted split screen monitor.

8-4



Hydraulic Floor Lift

Flush floor mounted height adjustable hydraulic lift for assistance to roof hatch and roof turret

8-8



7
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Exterior Running Boards

Running boards are built in on both sides of the vehicle.

9-1



Extended Running Boards

Rear extended running boards built for easier and faster crew deployment.

9-5



Bench Seating

Comfortable long bench seating with gear storage space on both sides.

9-2



Viewing Windows

A total of four (4) viewing windows on each side (3 for the X model). One glass on rear side, Total 9 for the XL model and 7 for the X model.

9-6



Jump Seats

Located behind the driver and passenger seats. The seat bottoms are adjustable.

9-3



Exterior Hand Rails

A variety of vertical and horizontal handle bars are built into the exterior of the vehicle.

9-7



Bench Seat Extenders

Increase bench seating for up to 4 more crew members.

9-4



Gun Ports

A total of twelve (12) gun ports are installed on the X model (14 for the XL model)

9-8





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Military Wheels & Tires

Wheels are 20"x11" tactical and the tires are heavy-duty off-road rated. Tires are Michelin/Continental 335/80R20.

10-1

Hydraulic Sniper Platform

Hydraulic Sniper Lifting platform to better access the turret. Equipped with custom control panel for ease of use.

10-5



Roof Hatch

Roof hatch is built in and is constructed out of ballistic steel locks open at 90 degrees.

10-2

Gun Turret* (optional)

Custom-designed turret*, designed to retrofit/install on the front roof hatch.

*ITAR item requiring US State Dept. License for Export. Gun not included

10-6



Hydraulic Jack

A heavy-duty jack is located in the rear cabin and is rated to handle more than the vehicle's total weight.

10-3

Tailpipe Protection

Protects exhaust pipe from being sabotaged.

10-7



Tool Kit & Extinguisher

A basic tire changing tool kit and fire extinguisher are mounted in the rear cabin.

10-4

First Aid Kit

Mounted to the back of the center console for quick access.

10-8





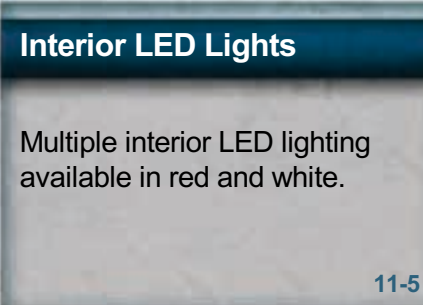
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Sun Visor

To protect site line glare and increase driver's visibility.

11-1



Interior LED Lights

Multiple interior LED lighting available in red and white.

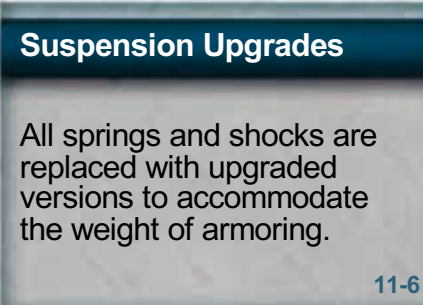
11-5



Light Protection

Sleek design with full mesh protection for all exterior head light and tail lights.

11-2



Suspension Upgrades

All springs and shocks are replaced with upgraded versions to accommodate the weight of armoring.

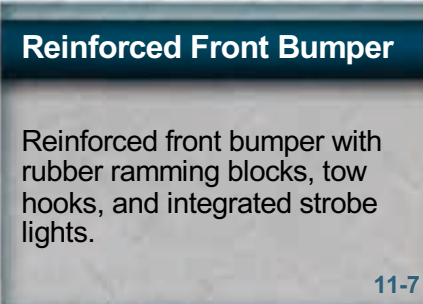
11-6



Roof Mounted Handles

Roof mounted safety straps offer increased balance for crew members during vehicle transit.

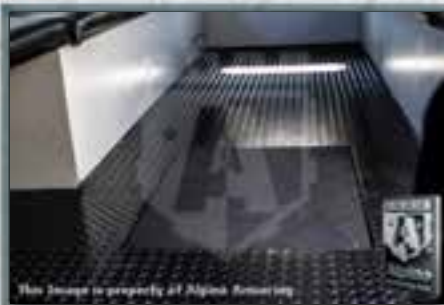
11-3



Reinforced Front Bumper

Reinforced front bumper with rubber ramming blocks, tow hooks, and integrated strobe lights.

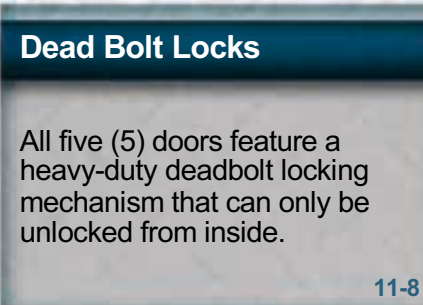
11-7



Safety Flooring

Diamond plated rubber anti-skid flooring for crew safety.

11-4



Dead Bolt Locks

All five (5) doors feature a heavy-duty deadbolt locking mechanism that can only be unlocked from inside.

11-8





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12-1



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12-6



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12-7



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12-8



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12-9



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COMPLETED VEHICLE INTERIOR PHOTOS FOR PIT-BULL XL ®

SWAT TRUCK PIT-BULL XL ®
VIN: 1FDUF5HTODEA48047

13-1



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13-2



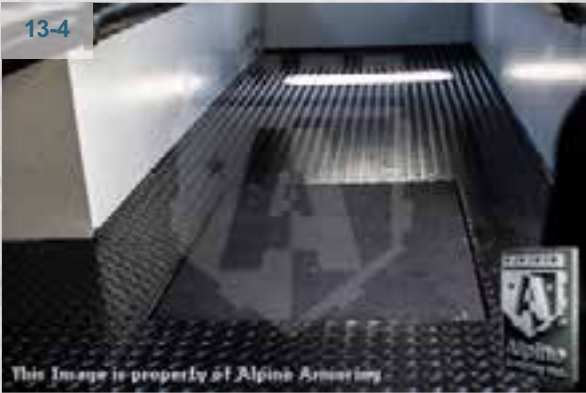
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ALPINE ARMORING'S BALLISTIC CHART

WEAPONS	SPECS			LEVELS				BULLETS			NUMBER OF SHOTS	
	TYPE	CALIBER (mm)	CLASS	STANAG	UL	ALPINE	NIJ	CEN	MASS (g)	MATERIAL		VELOCITY
	.38 Special	9 x 19	Handgun	-	1	A1	I,II,IIA	-	8.00	LCCJ	358 M/S	5
	.357 Magnum	9 x 33	Handgun	-	2	A2	IIA	B1 & B3	10.20	JSP	430 M/S	5
	.44 Magnum	11 x 33	Handgun	-	3	A3	IIIA	B4	15.60	LWC	440 M/S	5
	MPS	9 x 19	SMG	-	6	A4	IIIA	B2	8.00	LCCJ	427 M/S	5
	Shotgun	12 Gauge	Shotgun	-	3 & 4	A5	IIIA	SG2	28.30	SLUG	503 M/S	3
	Tokarev	7.62 x 25	Handgun	-	-	A5	IIIA	-	5.50	LCCJ	488 M/S	5
	Kalashnikov (AK-47)	7.62 x 39	Assault Rifle	-	-	A6	III	B5	9.70	SCCJ	732 M/S	5
	Kalashnikov (AK-47 Military)	7.62 x 39 API BZ	Assault Rifle	II	-	A7	-	B5+	11.70	SCCJ	774 M/S	5
	M16/AR-15	5.56 x 45 NATO S&W 5.56 x 45 NATO Bul	Assault Rifle	I	7	A8	IV	B5	4.00	SCCJ LCCJ	900 M/S 833 M/S	3
	Winchester .308	7.62 x 51	Rifle	I	7	A9	III	B6	10.90	LCCJ	810 M/S	5
	Remington 700 SPS	7.62 x 63 AP (30-06) 7.62 x 51AP (MC core)	High Power Rifle	III	5 & 8	A10	IV	B7-	10.80 8.40	AP	869 M/S 930 M/S	5
	Dragunov	7.62 x 54R B32 API	Sniper Rifle	III	-	A11	IV+	B7+	10.04	SCCJ	854 M/S	1
	.50 Cal	12.7 x 99	High Power Rifle	IV	10	A12	-	-	45.00	CJ	908 M/S	1



UL Underwriters Laboratory, 752
 NIJ National Institute of Justice, 0108.01
 CEN European Standard
 STANAG NATO's Standard (STANAG 4569)
 ALPINE Alpine Armoring's Certified Standard

LCCJ Lead Core Copper Jacket
 JSP Jacketed Soft Point
 LWC Lead Wad Cutter
 LCCJ Lead Core Steel Jacket
 SCCJ Steel Core Copper Jacket
 AP Armor Piercing
 SG Shotgun

Shots (5) 11.4 cm Square Pattern (Corners & Center)
 Shots (3) 11.4 cm Triangular Pattern
 Velocity Minimum Measured Velocity
 NIJ Rating Levels I, II, IIA, & IIIA (based on 1 of 2 required calibers of ballistic threat)



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WARRANTY

PIT-BULL XL® SWAT TRUCK

This vehicles, as proposed to the client, would be under Alpine Armoring's premium warranty covering all its armored parts and labor as well as all added accessories for one full year, effective the day of sale. Additional warranty for longer period is available upon request.

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

MANAGEMENT AUTHORIZED
ALPINE ARMORING INC.
HERNDON, VIRGINIA, USA

DATE ISSUED

