

# ARMORED POINTER® SWAT VAN

BASED ON FORD TRANSIT 350HD VAN



**LEVEL A9**

AGAINST 7.62 x 39mm, 5.56 x 45mm, 7.62 x 51mm





# VEHICLE SPECIFICATIONS FOR POINTER®

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ARMOR LEVEL:	<b>A9</b>
MAKE:	<b>Ford</b>
MODEL:	<b>Transit 350 HD Van</b>
ENGINE:	<b>3.5L V6 Ecoboost Gasoline</b>
TRANSMISSION:	<b>10 Speed Automatic</b>
POWER:	<b>275 HP &amp; 260 lb-ft.</b>
SEATING:	<b>2 - 2 + 2 + 3 x 4 Crew</b>
WHEELS:	<b>16" with Run-Flat System</b>
TIRES:	<b>205/75 R16 Radial Tubeless</b>
FINAL WEIGHT:	<b>Approx. 12,060 lbs (5,470 Kg)</b>
DRIVETRAIN:	<b>AWD</b>
LENGTH:	<b>235.5 in (598 cm)</b>
WHEELBASE:	<b>148 in (375 cm)</b>
HEIGHT:	<b>101.3 in (257 cm)</b>
WIDTH:	<b>81.3 in (206 cm)</b>
CLEARANCE:	<b>10 in (25 cm)</b>



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### Firewall & Engine Protection

Ballistic steel lines the firewall and provides protection up front. Engine Compartment Protection will be added as well.

3-1

### Roof

Roof is lined with ballistic steel to protect against any threats at an angle.

3-5



### Rear Doors

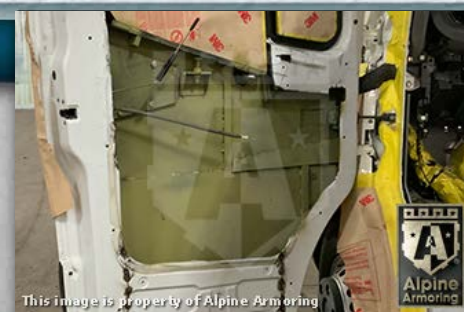
The rear doors are lined with light ballistic composite material

3-2

### Doors

All doors are lined with light ballistic composite material.

3-6



### Exhaust Protection

The exhaust is protected by a steel mesh to prevent sabotage.

3-3

### Heavy-Duty Hinges

Custom hinges that will withstand the weight of the armored doors.

3-7



### Overlaps

All doors and windows feature ballistic steel overlaps to keep shrapnel from angle shots from entering the cabin.

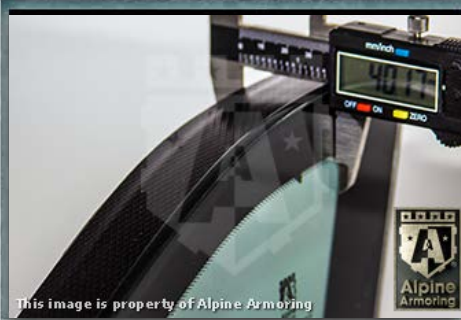
3-4

### Battery/ECM Protection

Battery, ECM will be protected with ballistic steel

3-8

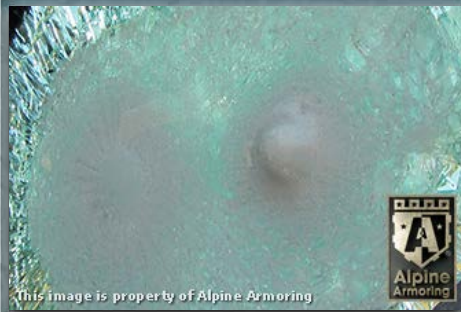




**Glass Thickness**

Minimum 40 mm thick glass/polycarbonate composite transparent armor.

4-1



**Anti-Spall Layer**

Inner-most anti-spall layer prevents glass and bullet fragments from penetrating into passenger cabin area and is free of any optical distortion and discoloration.

4-2



**Multi-Hit Protection**

All windows are capable of sustaining multiple hits while providing protection to passengers.

4-3

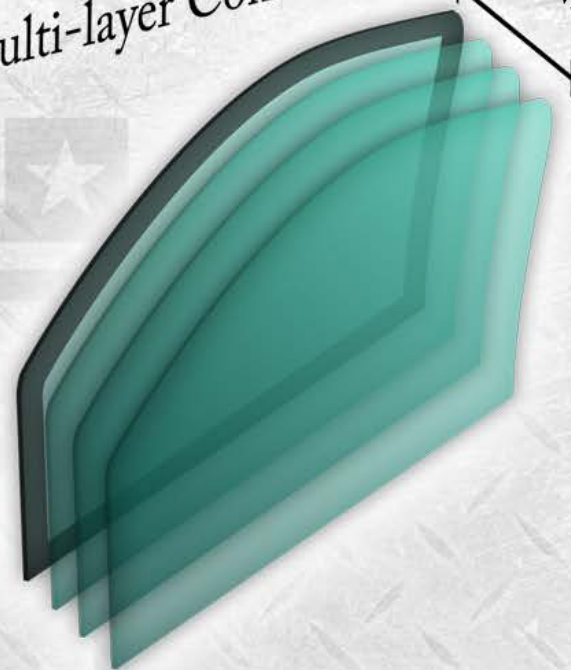


**Windows**

All windows will be fixed for this level of protection.

4-4

*Multi-layer Construction* 40 MM





# ADDITIONAL ARMORED FEATURES

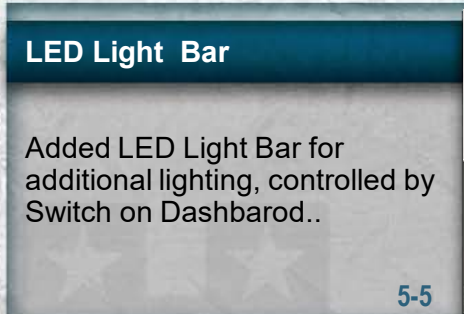
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## Red/Blue Strobe Grille Lights

4 Red/Blue strobe lights are mounted in the front grill. Controlled using the P.A./siren control unit in the front dash.

5-1



## LED Light Bar

Added LED Light Bar for additional lighting, controlled by Switch on Dashbarod..

5-5



## Red/Blue Visor Lights

Added Red/Blue LED Lights in the Visor for front visibility and coverage.

5-2



## GoLight Search Light

Added LED GoLight Search Light with wireless interior controller.

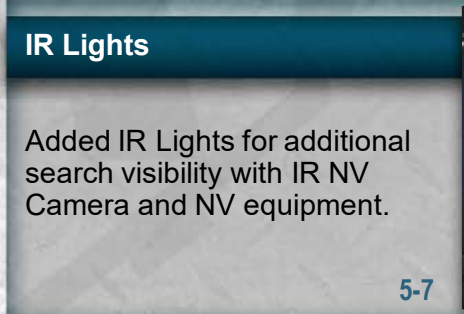
5-6



## Sidestep LED Lights

Added Red/Blue LED Side Step light for full 360 coverage and visibility, wired to the PA Controller near the front dash.

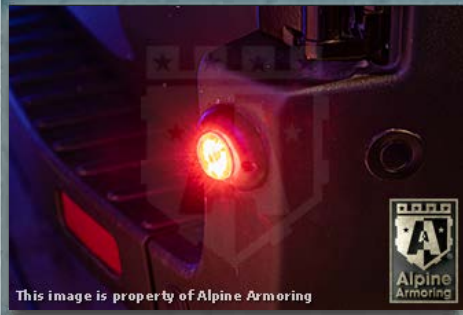
5-3



## IR Lights

Added IR Lights for additional search visibility with IR NV Camera and NV equipment.

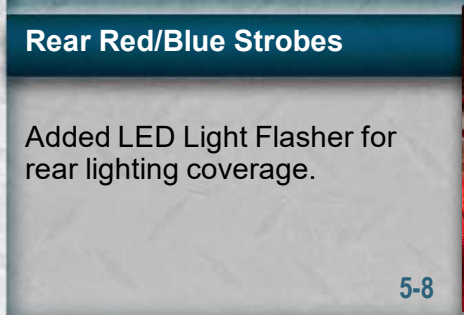
5-7



## Hideaway Strobes

Added Hideaway strobes for additional LED Light Coverage. Fully encapsulated, waterproof, and vibration resistant.

5-4



## Rear Red/Blue Strobes

Added LED Light Flasher for rear lighting coverage.

5-8





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6  
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### Side Camera

High Resolution surveillance side camera with dash mounted split screen monitor.

6-1

### Privacy Curtain

Two extending side rods make it easy to open and close as needed and the curtain itself just velcro's onto the rack creating a secure and low-profile for the crew.

6-5



### Rear Backup Camera

Backup camera with distance sensor default with parking guidelines, it will automatically show the rear images and parking guidelines full time.

6-2

### 360 Monitor - Crew

24" Monitor. 360 Degree Camera System (4 cameras) for additional security

6-6



### Front Camera

High-resolution front camera installed in front dashboard with a view at 1080p high resolution.

6-3

### GoLight Controller

2 hand-held wireless remotes for search lights located in the glove box.

6-7



### Front Dashboard 360 Monitor

Added 1080p Monitor for front passenger viewing on 360 Degree camera system.

6-4

### Winch Controller

To activate the front winch, first locate the controller in the glovebox. The controller can be unplugged to be used wirelessly.

6-8





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### Switch Controller

Automatic dimmable switch panel controls 6 LED lights & electrical accessories at the same time.

7-1

### Tactical Molle Rack

Customized mole rack durable panel for extra gear and equipment organization.

7-5



### Battery Kill Switch

Added Battery Kill Switch for ease of shutting down power to the batteries.

7-2

### Tactical Grab Handles

Vertical and horizontal interior grab rails are built into the interior of the vehicle.

7-6



### Rear Mounted AC Unit

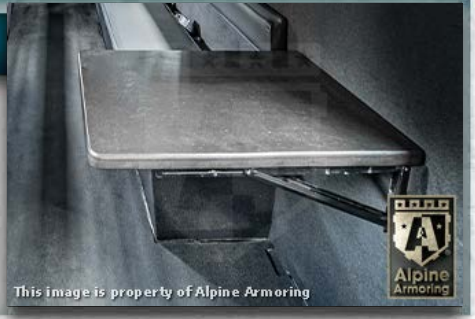
On the rear passenger side is a fully independent cooling and heating system with direct controls on the right side of the unit. This unit is capable of an output of 33,000 BTU.

7-3

### Fold Up Table

For Command use of the Roof mounted PTZ (gives space to use laptop or keyboard controller).

7-7



### Jump Seats

Located behind the driver and passenger seats. The seat bottoms are spring-loaded and retract automatically.

7-4

### Viewing Ballistic Glass

A total of six (6) viewing windows. There are two (2) on each side and two (2) on the rear door.

7-8





# ADDITIONAL ARMORED FEATURES

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## Interior White/Red LED Lights

Multiple interior LED lighting available in red and white options.

8-1

## Fold Down Roof Ladder

Added fold down ladder provides practical and safe access to roof hatch.

8-5



## Heavy Duty Vinyl Floor

Rubberized top surface with sandpaper texture for a hard/firm floor.

8-2

## Gun Locker Cabinet

Added Gun Locker Cabinet, with up to 14 gun storage with a 4-way locking system

8-6



## Door Overlaps

All doors are equipped with overlaps for added ballistic protection.

8-3

## Padded Bench Seats

Lift up the seat cushion to reveal the storage area. Each storage bin is fitted with a locking mechanism

8-7



## Roof Hatch

Built in and constructed out of ballistic steel. Hatch locks in place at 90 degrees with added struts for ease of opening.

8-4

## Electric Power & USB Outlet

USB Ports & Power outlets is installed in the bench seat. You can attach mobile devices. It is also used for charging portable products

8-8







# ADDITIONAL ARMORED FEATURES

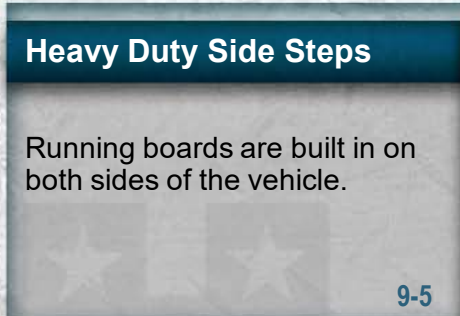
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## Fire Extinguisher

Located under-gear storage for quick access.

9-1



## Heavy Duty Side Steps

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

9-5



## P.A. / 360 Light Controller

This control provides direct access for the driver and passenger to all installed 360 Red/Blue LED Lights and siren.

9-2



## Sniper Overwatch

Added Roof Platform for sniper overwatch and foot traffic.

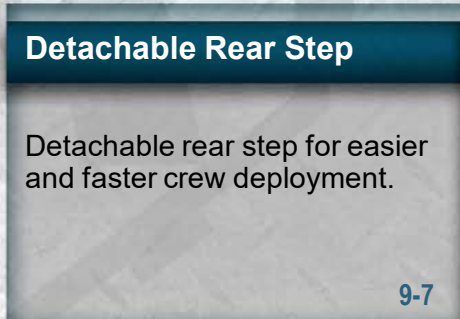
9-6



## Heavy Duty Bumper

Installed directly to the frame. Constructed out of heavy-duty steel.

9-3



## Detachable Rear Step

Detachable rear step for easier and faster crew deployment.

9-7



## Gear Storage

On both sides of the rear crew cabin, underneath the seats, are the gear storage bins.

9-4



## Reinforced Door Strap

Reinforced door straps are installed to provide additional support on the weight of the armor door.

9-8





# ADDITIONAL ARMORED FEATURES

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## Heavy Duty Winch 17,500lbs

17,500LBS or 8.75 ton with this winch.

10-1

## Tactical Ladder

Aluminum step ladder for tactical purposes.

10-5



## Run-Flats

Six (6) Full size tires including spare with run-flat insert are included and installed on the vehicle.

10-2

## Shackle Hitch

Horizontally or Vertically provides Extensive Recovery Anchor Point Options

10-6



## Tail Pipe Protection

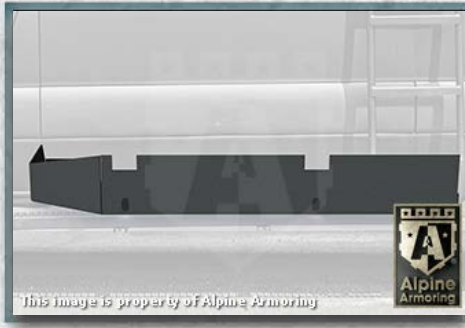
This protects the exhaust system from sabotage that can damage or destroy the motor.

10-3

## Gun Ports

A total of six (6) gun ports are installed on the vehicle. Four (4) are on each side and two (2) on the rear door.

10-7



## Fuel Tank Protection

Fuel tank is protected by a ballistic steel box. Protects from two simultaneous grenades.

10-4

## Door Stopper

Rear door custom door stops to lock at 90 degrees.

10-8



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# COMPLETED VEHICLE PHOTOS: INTERIOR

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11-1



11-2



11-3



11-4





# COMPLETED VEHICLE PHOTOS: INTERIOR

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# COMPLETED VEHICLE PHOTOS: INTERIOR

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13-1



13-2



13-3



13-4





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# WARRANTY

## ARMORED SWAT VAN POINTER

This vehicle, as proposed to the client in this quote, would be under Alpine Armoring's premium warranty covering the entire conversion parts including all 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 around the world against any and all related manufacturer's defects, including parts & labor.

MANAGEMENT AUTHORIZED  
ALPINE ARMORING INC.  
CHANTILLY, VIRGINIA, USA

DATE ISSUED

