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Ford E 350 Prisoner Transport Package



Basic Chassis Technical Specs:

Engine

Standard Engine	5.4L V8 (2005 only) / 4.4L V8 (2004 only)
Standard Transmission	4 Speed Automatic
Cylinders	8
Horsepower @ RPM	255@4500
Fuel Economy Cty/Hwy	N/A / N/A
Combined Fuel Economy	N/A
EPA Class	Passenger Van
Number of Valves	16
Torque @ RPM	350@2500
Fuel Type/System	Gas Engine / Electronic Fuel Injected
Turbo (yes/no)	No
Overdrive Transmission	Yes
Battery Output	N/A
Compression	9.0
Displacement	5408 / 330
Bore X Stroke	3.55x4.10
Cruising Range	N/A
Final Drive Gear Ratio Opt	N/A
Power To Weight Ratio	24.6
Final Drive Ratio	3.73
Valves Configuration	Single Overhead Cam
Supercharged	No



Engine Continued

Electric HorsePower RPM	N/A
Electric Torque Feet Per Pound	N/A
Electric Torque RPM	N/A
Electric HorsePower BHP	N/A

Capacity & Volume

Cargo Volume (EPA)	N/A
Cargo Volume (MFR)	Not Listed
Fuel Capacity	35.0
Passenger Volume (EPA)	N/A
Passenger Volume (MFR)	Not Listed
Box/Cargo Height	52.5
Box/Cargo Length	120.4
Box/Cargo Width (Wheel)	51.3
Box/Cargo Width (Wall)	66.4
GVWR Standard	8700
GVWR Maximum	8700
Payload Standard	2600
Payload Maximum	2600

Brakes, Steering, Suspension & Tires

Brakes (Front)	Disc
Brakes (Rear)	Disc
Driveline	Rear Wheel Drive
Driveline (Opt)	N/A
Steering	Recirculating Ball
Steering Diameter Left	48.0
Steering Diameter Right	48.0
Suspension (Front)	Independent
Suspension (Rear)	Live
Tire Type	Light Truck
Tire Width	225
Tire Aspect Ratio	75
Tire Construction	Radial
Tire Wheel Diameter	16



Interior Dimensions

Seating (Standard)	7
Seating (Optional)	N/A
Tow Capacity (Standard)	7300
Tow Capacity (Maximum)	10000
Headroom (Front)	42.5
Headroom (Row 2)	40.2
Hiproom (Front)	65.6
Hiproom (Row 2)	66.5
Legroom (Front)	40.0
Legroom (Row 2)	36.9
Shoulder Room (Front)	68.4
Shoulder Room (Row 2)	70.5
Seating (Maximum)	7
Headroom (Row 3)	40.1
Hiproom (Row 3)	66.9
Legroom (Row 3)	41.4
Shoulder Room (Row 3)	71.2

Exterior Dimensions & Weight

Curb Weight MT	N/A
Curb Weight AT	6296
Ground Clearance	7.0
Height	83.4
Length	211.9
Top Type (Standard)	Hard Fixed
Top Type (Optional)	Not Applicable
Track (Front)	69.4
Track (Rear)	67.0
Weight Distribution AT (Front)	53
Weight Distribution AT (Rear)	47
Weight Distribution MT (Front)	N/A
Weight Distribution MT (Rear)	N/A
Wheelbase	138.0
Width	70.1
Doors (Standard)	3
Doors (Maximum)	3

Origin

Manufactured in	U.S.A.
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Standard Features:

Transmission

- 4-Speed Electronically Controlled Automatic Transmission With Overdrive

Steering

- Power Recirculating Ball Steering
- Tilt Steering Column

Suspension

- Twin I-Beam Independent Front Suspension With Coil Springs and Heavy Duty Shock Absorbers
- Semi-Floating Live Axle Rear Suspension With Leaf Springs and Heavy Duty Shock Absorbers
- Front Stabilizer Bar

Electrical

- Drive-By-Wire Control For Throttle
- Rear Seat Power Outlet
- Cigarette Lighter
- 72 AH, 650-CCA Battery
- Front Power Outlet

Braking & Traction

- 4-Wheel Anti-Lock Brakes
- Front Power Disc and Rear Power Disc Brakes

Safety

- Driver Airbag With Dual Stage Deployment
- Passenger Airbag With Dual Stage Deployment
- Automatic Locking Retractors
- Emergency Fuel Shut-Off Device
- Seatbelt Height Adjusters
- 3-Point Seatbelts For Outboard Seating Positions
- Side Guard Door Beams



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Anti-Theft & Locks

- Power Door Locks
- SecuriLock(TM) Vehicle Anti-Theft Via Engine Immobilizer

Remote Controls & Remote Releases

- Keyless Entry Operated Via Key Fob
- Multi-Function Remote Operates Door Lock/Unlock, Illuminated Entry and Panic Alarm
- Panic Alarm

Seats

- Front Dual Reclining High Back Captains Chairs With Fold-Down Center Armrests
- Third Row 3-Passenger Bench Seat
- Second Row Captains Chairs
- Cloth Seats

Storage

- Glovebox
- Covered Lower Console Storage Located On Dash
- Overhead Console Storage
- Coinholder
- 4 Front Cupholders; 4 Cupholders Total
- Front Dual Door Mounted Storage

Instrumentation

- Cruise Control
- Steering Wheel Mounted Controls For Cruise Control
- Compass
- Exterior Temperature Gauge
- Digital Clock
- Tachometer

Interior Lighting

- Interior Load Area Light
- Illuminated Entry
- Front Reading Light



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Exterior Lighting

- Aerodynamic Halogen Headlights

Entertainment, Communication & Navigation

- AM/FM Radio With 80-Watts, Seek/Scan, and 6 Speakers Total; CD Player
- Radio Antenna

Heating, Ventilation & Air Conditioning

- High Capacity Rear Air Conditioning Unit Includes Auxiliary Heater
- Rear Air Conditioning Controls
- Front Manual High Capacity Air Conditioning
- Rear Heat and Air Conditioning Ducts

Interior, Design, Decor & Floor Covering

- Front Carpeted Floor Mats
- Leather Steering Wheel
- Color-Keyed Carpet Located In Passenger Cabin and Cargo Area
- Color-Keyed Cloth Located On Headliner

Doors

- Dual Rear Swing-Out Van Doors
- Passenger Side Swing-Out Van Door

Wheels & Tires

- SBRLT225/75R16E BSW, All-Season Tires
- Underbody Tire Carrier
- Full-Size Spare Tire
- Steel Wheels, 16-In. X 7-In. With Full Sport Wheel Covers

Windows, Mirrors & Wipers

- Privacy Glass
- Dual Power Adjustable Folding Exterior Rearview Mirrors
- Front Dual Illuminated Vanity Mirrors
- Power Windows
- Tinted Glass
- Dual Color-Keyed Cloth Sunvisors
- Intermittent Windshield Wipers



Exterior, Design, Paint & Finish

- Front and Rear Chrome Bumpers
- Running Boards
- Multi-Color Paint
- Metallic Paint (If Selected)
- Front Grille

Prisoner Transport Vehicle Inserts

Bolted Together Inserts

- a. All Bolt-Together modules are pre-assembled in the factory to insure a proper fit. The unit may then be shipped to you for self-installation or installed at MC's facilities.
- b. All Aluminum Construction Durable Easily Cleaned Quickly Installed Transferable to a New Van.
- c. Units are available in either one, two, or three compartment models for standard or extended length cargo vans.
- d. The bolt-on flip-up rear step allows for ease of entrance into the prisoner compartment(s).
- e. The rear security doors are made of 3/8" aluminum. Locks provide added security and protection for the officers.
- f. Standard equipment includes recessed ceiling lights with protective grills, hand holds for the prisoners, and non-skid strips on the seats. A grab handle is installed at the side of the door to assist entry.
- g. The T models have a compartment that is accessible from the side cargo doors and is isolated from the rear compartments.
- h. A window made of 3/8" thick polycarbonate, allows for excellent visibility into the prisoner compartment. In case of emergency it can be quickly removed from the cab side to allow for escape from the prisoner compartment.





MAINTENANCE

<http://www.mushriquiconsulting.com/wwservice.asp>

1.1 MAINTENANCE Package (Optional)

1.1.1 Maintenance Levels

The System Operators or Technical Personnel are responsible for the following Maintenance tasks and include the following:

- i. Preventive Maintenance such as Inspections.
- ii. Preventive Maintenance such as Cleaning.
- iii. Preventive Maintenance such as Services.
- iv. Corrective Maintenance such as Replacement of Items with a High Failure Rate or Wear-out Rate and which can be replaced with ease.
- v. Corrective Maintenance by Replacement of LRU's (Line Replaceable Units, Assemblies, Sub-assemblies etc.) with a High Failure Probability, High Criticality and which are within the Capability.
- vi. Recovery of Equipment from the Deployment or Units to a maintenance level for Corrective Maintenance.

1.1.2 Maintenance Equipment

Available at all repair facilities

- i. Operating Equipment and Accessories.
- ii. Maintenance Equipment. (Toolboxes)
- iii. Maintenance Items.(Service Packages)
- iv. Spares as required.
- v. Support Equipment as required.
- vi. Special Support and Test Equipment as required.
- vii. Common Support and Test Equipment as required.

1.2 MAINTENANCE ELEMENTS

1.2.1 Documentation

The following documentation is used for vehicle Maintenance:

- i. Operators Maintenance Manual (OMM) for the Operators Maintenance Tasks.



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- ii. Maintenance Schedule for the definition of all Preventive Maintenance.
- iii. Workshop Repair Manual (WRM) for Technical Maintenance Tasks.
- iv. Illustrated Parts Breakdown (IPB) to identify Spare Parts.
- v. Illustrated Stock List (ISL) to identify Support Equipment and Spares.

1.2.2 Support Equipment

The following types of support equipment are used for Maintenance:

- i. Support Equipment carried in the Equipment ETS Boxes including Operating Equipment, Accessories and Maintenance Equipment.
- ii. Support Equipment as required for Preventive and Corrective Maintenance.
- iii. Support Equipment required and consists of Special Tools and Common Equipment which are within the Capability.

1.2.3 Spares

The following types of spares are required for Maintenance:

- i. Spares kept in the Equipment ETS Boxes.
- ii. Preventive and Corrective Maintenance Spares.

1.2.4 Personnel

The following operating and or technical personnel are located at all repair facilities:

- i. Auto Electricians for Vehicle and PSU Electrical.
- ii. Auto Mechanics for diesel and petrol engines.

Armoring

Vehicle Armoring is available in all different levels depending on customer preferences. For more information on armoring levels please visit

www.mushriquiconsulting.com/armorlev.htm