GENERAL

2002 ford expedition specifications

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2002 Ford Expedition Specifications: A Comprehensive Guide

When you're hunting for a robust, family friendly SUV that can handle both everyday errands and weekend adventures, the 2002 Ford Expedition stands out as a classic choice. Known for its spacious interior, powerful engine options, and rugged capability, this model has earned a reputation for reliability and versatility. In this in depth article, we'll walk you through every key specification of the 2002 Expedition—from performance and powertrain details to interior features, safety equipment, and trim level distinctions. Whether you're a prospective buyer, a car enthusiast, or simply curious about what makes this SUV tick, you'll find a clear, SEO friendly overview that covers all the essential data.

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Engine & Powertrain

The 2002 Expedition was built around a few powerful engine options that delivered the torque and horsepower required for towing, hauling, and off road adventures.

1.3L 4 Cylinder Engine

- Displacement: 1.3 /L (1,298 /cc)
- Power: 95 /hp @ 5,600 /rpm
- Torque: 102 /lb ft @ 3,200 /rpm
- Transmission: 4 speed automatic (optional 5 speed)
- Fuel System: Multi point fuel injection

This smaller engine was primarily offered in the base XL trim, offering better fuel economy for city driving but limited towing capacity.

3.5L V6 Engine

- Displacement: 3.5 /L (3,482 /cc)
- Power: 190 /hp @ 4,200 /rpm
- Torque: 220 /lb ft @ 2,400 /rpm
- Transmission: 4 speed automatic
- Drive: 4WD or RWD

Most Expedition owners favored the V6 for its balance of performance and efficiency. It was the standard engine for the XLT, Limited, and Platinum trims.

5.4L V8 Engine (Optional)

- Displacement: 5.4 /L (5,368 /cc)
- Power: 225 /hp @ 4,200 /rpm
- Torque: 270 /lb ft @ 2,800 /rpm
- Transmission: 4 speed automatic
- Drive: 4WD only

Only available on the 4WD Limited trim, the V8 added extra horsepower and a higher towing capacity—ideal for towing heavy trailers or RVs.

Transmission & Drivetrain

- All models: 4 speed automatic transmission (some XLs offered a 5 speed manual as an option)
- 4WD systems: Part time 4WD with a selectable transfer case, providing better traction on rough terrain
- Rear wheel drive: Standard on most base models

Performance & Handling

Beyond raw power, the 2002 Expedition was engineered for smooth, stable handling and strong off road capability.

1.0 Second Acceleration (0 60 /mph)

With the 5.4L V8, the Expedition could reach 60 mph in approximately 1.0 second, a testament to its robust torque curve.

Towing Capacity

- 3.5L V6 (RWD): 5,000 /lb
- 3.5L V6 (4WD): 6,500 /lb
- 5.4L V8 (4WD): 6,500 /lb

These figures made the Expedition a go to choice for families needing to tow boats, trailers, or small campers.

Suspension & Ride Comfort

- Front: MacPherson strut with coil springs
- Rear: Multi link suspension with coil springs
- Optional: Air ride suspension on Platinum trims for a smoother ride

The combination of a sturdy frame and advanced suspension design delivered a comfortable ride even on rough roads.

Exterior & Interior Dimensions

Size matters when you’re looking for a family SUV that can fit everyone and everything.

Exterior Dimensions

- Length: 214.6 /in (5,447 /mm)
- Width: 79.2 /in (2,014 /mm) (without mirrors)
- Height: 74.3 /in (1,889 /mm)
- Wheelbase: 133.3 /in (3,389 /mm)
- Curb Weight: 5,600–5,800 /lb (2,540–2,630 /kg) depending on trim and drivetrain

Interior Capacity

- Seating: 8 passengers (3 row seating)
- Cargo Space (behind 3rd row): 20.9 /ft³ (592 /L)
- Cargo Space (behind 2nd row): 58.9 /ft³ (1,666 /L)
- Cargo Space (behind 1st row): 104.6 /ft³ (2,963 /L)

With a generous 3 row layout, the Expedition comfortably accommodates families, gear, and cargo.

Fuel Economy & Efficiency

Fuel consumption was a key concern for many buyers, especially given the vehicle's size.

Estimated MPG (EPA)

- 3.5L V6 (RWD, XL): 15 /mpg city / 20 /mpg highway / 17 /mpg combined
- 3.5L V6 (4WD, XLT): 13 /mpg city / 18 /mpg highway / 15 /mpg combined
- 5.4L V8 (4WD, Limited): 12 /mpg city / 16 /mpg highway / 13 /mpg combined

These figures reflected the era's standards for large SUVs. Modern hybrids and electric SUVs now offer better mileage, but the 2002 Expedition remains a solid performer for its class.

Standard & Optional Features

The 2002 Expedition offered a range of features to enhance comfort, convenience, and safety. Below is a breakdown of what you can expect across trim levels.

Base XL Trim

- 10 inch power windows and locks
- Manual air conditioning
- 10 inch rearview camera (optional)
- Standard 6 speaker audio system
- Front seat heating (optional)
- Basic rear seat entertainment system (optional)

XLT Trim

- Power tilt/slide doors
- 10 inch navigation system (optional)
- Upgraded audio with CD player
- Power folding third row seats
- Keyless entry and push button start (optional)
- Rear seat entertainment system (optional)

Limited Trim

- Leather upholstery
- Power adjustable front seats with lumbar support
- 10 inch touchscreen with navigation
- Dual zone climate control
- Rear seat entertainment with dual screens (optional)
- Power folding third row seats with storage compartments

Platinum Trim

- Premium leather and wood trim
- Power tilt/slide doors with automatic closing
- 10 inch premium audio system with sub woofer
- Advanced climate control with auto mode
- Rear seat entertainment system with 12 inch screens (optional)
- Power folding third row seats with built in USB ports
- Navigation with real time traffic updates

Trim Levels & Pricing

The 2002 Expedition was offered in four primary trims: XL, XLT, Limited, and Platinum. Prices varied depending on the engine, drivetrain, and options chosen.

Initial MSRP (2002)

- XL (4WD, 3.5L V6): $31,000
- XLT (4WD, 3.5L V6): $33,000
- Limited (4WD, 5.4L V8): $39,000
- Platinum (4WD, 5.4L V8): $43,000

These figures are approximate and do not account for optional features, destination fees, or dealer mark ups.

Safety & Crash Test Ratings

Safety is paramount in any family SUV, and the 2002 Expedition performed well in both federal and consumer safety tests.

Federal Safety Ratings

- Front seat occupant protection: 4 stars (NHTSA)
- Side seat occupant protection: 4 stars (NHTSA)
- Head restraint and seat belt performance: 4 stars (NHTSA)
- Overall safety rating: 4 stars (NHTSA)

Consumer Reports Crash Test

- Front crash: 4 out of 5
- Side crash: 4 out of 5
- Rear crash: 3 out of 5
- Overall rating: 4 out of 5

Standard Safety Features

- Anti roll bars
- Front seat belts with pretensioners
- Optional side air bags (varies by trim)
- Optional traction control and stability management
- Optional anti lock braking system (ABS)

Maintenance & Common Issues

Proper maintenance can extend the life of any vehicle. Below are key maintenance items and common issues owners may encounter with the 2002 Expedition.

Regular Maintenance Checklist

1. Oil and filter change every 3,000–5,000 /mi
2. Transmission fluid change every 30,000–45,000 /mi

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