1999 International 4700 T444e Specs

1999 international 4700 t444e specs are essential details for anyone considering this model for commercial use or resale. The International 4700 T444E, introduced in 1999, is renowned for its durability, powerful engine, and versatile configurations, making it a popular choice among fleet operators, construction companies, and delivery services. Understanding the specifications of this truck can help buyers and enthusiasts evaluate its performance, maintenance needs, and suitability for various applications. Overview of the 1999 International 4700 T444E The 1999 International 4700 T444E is part of the International 4700 series, which was designed to meet the demanding needs of heavy-duty commercial operations. Equipped with the T444E engine, this truck combines robust power output with reliability and efficiency. Whether used as a box truck, dump truck, or utility vehicle, the 4700 T444E offers a solid platform with a comprehensive set of specifications. Engine Specifications T444E Engine Details The core of the 1999 International 4700 T444E is its T444E engine, a 7.3-liter, turbocharged V8 diesel engine. The T444E is known for its durability and torque, making it suitable for heavy hauling and rigorous usage.

1. **Engine Type:** 7.3L V8 Turbo Diesel (T444E)
2. **Configuration:** 90° V8
3. **Horsepower:** Approximately 210-230 HP, depending on specific configuration and emissions equipment
4. **Torque:** Around 425-460 lb-ft
5. **Fuel System:** Direct injection
6. **Emission Control:** Catalytic converter and EGR system (compliant with 1999 standards)

Transmission Options The transmission options available for the 1999 International 4700 T444E typically include:

1. **Manual Transmission:** 5-speed or 6-speed manual gearboxes
2. **Automatic Transmission:** 4-speed or 5-speed automatic, depending on configuration

Transmission choice influences the vehicle’s fuel efficiency and ease of operation, especially for different load and terrain conditions. Drivetrain and Performance Drivetrain Configuration The 1999 International 4700 T444E generally features:

1. **Drive Type:** Rear-wheel drive (RWD)
2. **Axles:** Heavy-duty front and rear axles designed for high payload capacities

Power and Towing Capacity Thanks to its powerful engine and robust drivetrain, the 4700 T444E offers impressive performance metrics:

1. **Gross Vehicle Weight Rating (GVWR):** Ranges from 14,500 to 25,500 pounds, depending on configuration
2. **Payload Capacity:** Varies but generally around 8,000 to 15,000 pounds
3. **Towing Capacity:** Up to approximately 15,000 pounds, suitable for light to medium-duty towing

These specs make the truck versatile for a variety of hauling and commercial applications. Chassis and Dimensions Overall Dimensions The 1999 International 4700 T444E comes in multiple body configurations, but typical dimensions include:

1. **Overall Length:** Approximately 20-25 feet, depending on body style
2. **Width:** Around 96 inches (8 feet)
3. **Height:** Varies with body type, generally between 8-10 feet

Wheelbase and Ground Clearance

1. **Wheelbase:** Ranges from 137 to 170 inches

2. **Ground Clearance:** Approximately 10-15 inches, suitable for off-road or construction environments

Body Options The 1999 International 4700 T444E was available with a variety of bodies, including:

1. Box trucks
2. Dump beds
3. Flatbeds
4. Utility bodies

This flexibility allows for customization based on the intended use. Suspension and Braking System Suspension Details The suspension system for the 4700 T444E is designed for durability:

1. **Front Suspension:** Torsion bar or leaf spring, depending on configuration
2. **Rear Suspension:** Leaf springs with heavy-duty axles for load support

Brake System Safety and stopping power are ensured through:

1. **Front Brakes:** Disc brakes
2. **Rear Brakes:** Drum brakes or disc brakes in some configurations
3. **ABS:** Available as an option, enhancing safety during braking

Fuel Economy and Tank Capacity Fuel Efficiency Given its large diesel engine, fuel economy is modest but acceptable for a heavy-duty truck:

1. **Average Miles per Gallon (MPG):** Approximately 8-12 MPG, depending on load and driving conditions

Fuel Tank Capacity The fuel tank generally has a capacity of:

1. Approximately 50-80 gallons, allowing for extended operation between refills

Interior and Comfort Features While primarily built for utility, the 1999 International 4700 T444E offers basic interior features:

1. Air conditioning
2. Basic instrumentation and gauges
3. Manual or power windows and locks (depending on trim)
4. Optional cruise control and stereo systems

Comfort features may vary based on the specific configuration and customer specifications. Maintenance and Durability The 1999 International 4700 T444E is celebrated for its longevity and ease of maintenance:

1. Durable engine components designed for high mileage
2. Availability of replacement parts and service support
3. Regular maintenance includes oil changes, filter replacements, and brake inspections

Owners often report that with proper care, these trucks can remain operational for hundreds of thousands of miles. Conclusion Understanding the **1999 international 4700 t444e specs** provides valuable insight into its capabilities and suitability for various commercial applications. From its powerful 7.3-liter turbo diesel engine and robust drivetrain to its customizable chassis and durable suspension, this model is designed for heavy-duty performance and reliability. Whether used for hauling, construction, or utility services, the 4700 T444E remains a versatile and dependable choice in the used truck market. Proper knowledge of its specifications can help buyers make informed decisions and maximize the vehicle’s potential for years to come.

1999 International 4700 T444E Specs: An In-Depth Analysis of the Heavy-Duty Workhorse

When it comes to rugged, reliable heavy-duty trucks, the 1999 International 4700 T444E specs stand out as a

benchmark for durability, versatility, and performance. Built for demanding applications ranging from construction to municipal services, this model combines a robust chassis with a proven powertrain, making it a favorite among fleet operators and enthusiasts alike. Understanding the detailed specifications of the 1999 International 4700 T444E provides valuable insights into its capabilities, design features, and maintenance considerations—crucial information for those seeking to optimize its performance or evaluate its suitability for specific tasks.

Overview of the 1999 International 4700 T444E

The 1999 International 4700 T444E is part of the 4700 series, which was renowned for its durability and versatility in vocational settings. The "T444E" designation indicates the engine model—an International T444E, a 7.3-liter turbocharged V8 diesel engine. This model was designed to handle heavy loads while maintaining efficiency and reliability, making it a staple in industries requiring rugged service vehicles.

Key Features of the 1999 International 4700 T444E

1. Engine: International T444E 7.3L Turbo Diesel V8
2. Transmission Options: 5-speed manual, 6-speed manual, or automatic (dependent on configuration)
3. Drive Type: Rear-wheel drive (RWD)
4. Gross Vehicle Weight Rating (GVWR): Typically ranges from 16,000 to 23,500 pounds
5. Payload Capacity: Varies based on configuration, often around 6,000 to 10,000 pounds
6. Chassis and Frame: Heavy-duty steel construction designed for durability
7. Cab Configurations: Regular cab, extended cab options

This truck's combination of a powerful engine, sturdy chassis, and flexible configurations makes it suitable for a wide range of applications, including delivery, utility work, construction, and emergency services.

In-Depth Breakdown of the 1999 International 4700 T444E Specs

Engine Specifications

The core of the 1999 International 4700 T444E's performance lies in its engine:

1. Model: International T444E
2. Type: Turbocharged V8 Diesel
3. Displacement: 7.3 liters (444 cubic inches)
4. Horsepower: Approximately 210-250 HP, depending on configuration and emission controls
5. Torque: Around 425-520 lb-ft
6. Fuel System: Electronic fuel injection (EEC IV or similar), providing better fuel efficiency and throttle response
7. Turbocharger: Variable-geometry turbocharger for enhanced low-end torque and overall power delivery
8. Cooling System: Heavy-duty radiator with auxiliary cooling options for high-performance or extreme conditions

This engine was well-regarded for its longevity and torque output, making it ideal for hauling heavy loads and operating in demanding environments.

Transmission Options

The 1999 International 4700 T444E offered various transmission choices to suit different operational needs:

1. 5-Speed Manual Transmission: Common in standard configurations, offering simplicity and durability
2. 6-Speed Manual Transmission: Provides better gear ratios for heavy loads and highway cruising
3. Automatic Transmission: Optional, especially for applications requiring ease of operation or specific driver comfort

The transmission choice impacts fuel efficiency, drivability, and maintenance schedules, so selecting the right one depends on the intended use.

Drivetrain and Suspension

1. Drive System: RWD (Rear-Wheel Drive), suitable for heavy-duty applications
2. Axles: Heavy-duty front and rear axles designed for high payloads
3. Suspension:
4. Front: Leaf spring suspension for load-bearing capacity
5. Rear: Heavy-duty leaf springs, often with optional auxiliary leaf packs for extra support
6. Brakes:
7. Air drum brakes for robust stopping power
8. Optional anti-lock braking systems (ABS) in some configurations

Dimensions and Capacities

1. Overall Length: Ranges typically from 21 to 25 feet, depending on wheelbase and body configuration
2. Wheelbase: Between 132 and 180 inches, influencing payload and maneuverability
3. Gross Vehicle Weight Rating (GVWR): 16,000 - 23,500 lbs, permitting substantial payloads
4. Payload Capacity: Usually around 6,000 to 10,000 lbs, varying with chassis and body setup

Fuel Economy and Tank Capacity

1. Fuel Tank Capacity: Generally 35 to 50 gallons, allowing for extended operation between refueling
2. Fuel Economy: Estimated at 8-12 miles per gallon (mpg), depending on load, driving conditions, and configuration

Electrical and Additional Features

1. Electrical System: 12V standard, with options for heavier-duty alternators
2. Lighting: Standard work lighting with optional auxiliary lighting setups
3. Additional Features:
4. Optional air conditioning
5. Power steering for easier maneuverability
6. Various body and chassis options, including dump bodies, flatbeds, and utility bodies

Performance and Handling

The 1999 International 4700 T444E was built for endurance rather than speed. Its turbocharged diesel engine delivers impressive low-end torque, essential for hauling heavy loads and navigating tough terrains. The truck's chassis and suspension are designed to absorb shocks and provide stability under heavy payloads, although handling characteristics are typical of large, work-oriented vehicles.

Fuel efficiency, while not its strongest suit compared to light-duty vehicles, remains respectable considering its capabilities. Proper maintenance of the engine, transmission, and brakes is crucial to ensure longevity and reliable operation.

Maintenance and Reliability

One of the defining features of the 1999 International 4700 T444E is its reputation for durability. The T444E engine is known for:

1. Long service life with proper maintenance
2. Ease of repair and availability of parts
3. Proven performance in demanding conditions

Regular maintenance routines include:

1. Oil and filter changes every 5,000 to 7,500 miles
2. Inspection and replacement of air filters
3. Monitoring of coolant levels and radiator health
4. Brake system checks
5. Transmission fluid servicing

Given its age, owners should be vigilant about rust prevention, especially in areas prone to moisture exposure, and check for signs of wear in suspension and drivetrain components.

Applications and Use Cases

The 1999 International 4700 T444E is a versatile platform suitable for:

1. Delivery trucks
2. Utility and service vehicles
3. Construction support vehicles
4. Waste management and recycling trucks
5. Emergency response units

Its ability to be configured with various bodies—such as dump beds, flatbeds, or box bodies—makes it adaptable to multiple industries.

Final Thoughts

The 1999 International 4700 T444E specs reveal a truck engineered for heavy-duty performance, longevity, and adaptability. While it may lack some modern amenities found in newer models, its core strengths—robust engine, sturdy chassis, and proven reliability—ensure it remains a valuable asset in demanding environments. Whether as a fleet staple or a project vehicle, understanding its detailed specifications helps owners and operators maximize its potential and plan for maintenance or upgrades accordingly.

If you're considering a vintage work truck or maintaining an existing 1999 International 4700 T444E, knowing these specs will guide your decisions to ensure optimal performance and longevity.

Questions & Answers About 1999 international 4700 t444e specs

No	Question	Answer
1	What are the key engine specifications of the 1999 International 4700 T444E?	The 1999 International 4700 T444E is equipped with a 7.3-liter T444E V8 turbocharged diesel engine, producing approximately 210 horsepower and 425 lb-ft of torque.
2	What is the maximum gross vehicle weight rating (GVWR) for the 1999 International 4700 T444E?	The 1999 International 4700 T444E typically has a GVWR ranging from 14,500 to 23,500 pounds, depending on the specific configuration and chassis options.
3	What kind of transmission options are available for the 1999 International 4700 T444E?	This model generally comes with a 5-speed manual transmission or an optional 4-speed automatic transmission, depending on the specific model and customer requirements.
4	What are the key dimensions and payload capacities of the 1999 International 4700 T444E?	The wheelbase varies from approximately 125 to 180 inches, with a payload capacity that can reach up to 10,000 pounds, depending on the chassis and configuration.

5	What are the notable features of the suspension and braking system on the 1999 International 4700 T444E?	It features heavy-duty leaf spring suspension for durability and a drum brake system on all wheels, designed for commercial load-bearing purposes.
6	Is the 1999 International 4700 T444E suitable for commercial applications today?	While it is a reliable workhorse with durable specs, due to age and emissions standards, it may require modifications or upgrades for compliance with modern regulations and safety standards.

International 4700, T444E engine, 1999 truck specs, International 4700 dimensions, T444E horsepower, 1999 medium duty truck, International 4700 payload capacity, T444E torque, 1999 International specifications, medium duty truck engines