

international 4700 dump truck owners manual

International 4700 dump truck owners manual is an essential resource for anyone who operates or maintains this heavy-duty vehicle. This comprehensive guide provides crucial information on the truck's specifications, operation, maintenance, and safety protocols, ensuring that owners can maximize the performance and longevity of their International 4700 dump trucks. Whether you're a seasoned truck driver or a new owner, understanding the contents of this manual is vital for the successful operation of your vehicle.

Overview of the International 4700 Dump Truck

The International 4700 is a versatile dump truck designed for a variety of applications, including construction, landscaping, and waste management. It is known for its robust construction, reliability, and ability to handle heavy loads. Understanding its key features and specifications is essential for effective operation.

Key Specifications

1. Engine Options: The International 4700 typically comes with various engine options, including:
 - DT466: A 7.6-liter inline-six diesel engine known for its durability and fuel efficiency.
 - IH 530E: A powerful engine option for heavier payloads.
2. Transmission:
 - Allison Automatic Transmission: Smooth and efficient shifting, ideal for urban and highway driving.
 - Manual Transmission: Offers drivers more control, especially in off-road conditions.
3. Payload Capacity:
 - The International 4700 can carry a payload of approximately 10 to 16 tons, depending on the configuration.
4. Body Configurations: Available in various configurations, including standard dump, tri-axle, and extended cab, to suit different operational needs.

Typical Applications

The International 4700 is well-suited for various industries, including:

- Construction: Ideal for transporting materials such as gravel, sand, and debris.
- Landscaping: Used for hauling soil, mulch, and other landscaping materials.
- Waste Management: Commonly employed for collecting and transporting waste materials.

Operating Your International 4700 Dump Truck

Understanding how to operate your International 4700 dump truck safely and efficiently is crucial. The owner's manual provides detailed instructions on the following aspects:

Starting the Vehicle

1. Pre-start Checks:

- Inspect fluid levels (oil, coolant, transmission fluid).
- Check tire pressure and condition.
- Ensure that all lights and signals are functioning.

2. Starting Procedure:

- Insert the key into the ignition.
- Engage the brake and shift the transmission to neutral.
- Turn the key to the start position until the engine starts.

Driving the Truck

- Adjusting Mirrors: Ensure all mirrors are correctly adjusted for optimal visibility.
- Using Controls: Familiarize yourself with the dashboard controls, including lights, wipers, and the dump bed operation lever.
- Speed Management: Follow posted speed limits and adjust speed according to load weight and road conditions.

Dumping Procedure

1. Positioning: Park on a level surface away from traffic.
2. Engaging the Dump Bed:
 - Ensure the area is clear of obstacles.
 - Activate the dump bed control to raise the bed slowly.
3. Lowering the Bed:
 - After dumping, lower the bed fully before moving the truck.

Maintenance Guidelines

Regular maintenance is key to the longevity and reliability of your International 4700 dump truck. The owner's manual outlines a detailed maintenance schedule.

Daily Maintenance Checks

- Fluid Levels: Check engine oil, coolant, and hydraulic fluid levels.
- Tire Inspection: Look for wear, damage, and proper inflation.
- Brake Function: Test the brakes for responsiveness and any unusual sounds.

Weekly Maintenance

- Clean Air Filters: Inspect and clean or replace air filters to ensure optimal engine performance.
- Battery Condition: Check battery terminals for corrosion and ensure connections are tight.

Monthly Maintenance

- Oil and Filter Change: Change engine oil and replace the oil filter as per the manufacturer's recommendations.
- Inspect Belts and Hoses: Look for signs of wear and replace any that show signs of cracking or fraying.

Safety Protocols

Safety is paramount when operating a dump truck. The owner's manual provides crucial safety guidelines to follow:

Personal Safety Gear

- Hard Hats: Required when working in construction zones.
- Safety Vests: Enhance visibility in busy environments.
- Steel-Toed Boots: Protect feet from heavy loads and equipment.

Vehicle Safety Features

- Seatbelts: Always wear seatbelts while operating the vehicle.
- Backup Alarms: Ensure backup alarms are functioning to alert others when reversing.
- Reflective Tape: Ensure that the truck is equipped with reflective tape for increased visibility.

Emergency Procedures

- Fire Extinguisher: Always have a fire extinguisher accessible in the cab.
- Emergency Kit: Carry an emergency kit that includes first aid supplies, flares, and basic tools.
- Communication: Keep a charged cell phone for emergencies.

Common Issues and Troubleshooting

The owner's manual also addresses common issues that may arise with the International 4700 dump truck and provides troubleshooting tips.

Engine Problems

- Symptoms: Rough idling, difficulty starting, or loss of power.
- Possible Solutions:
 - Check fuel levels and quality.
 - Inspect the air filter for blockages.

Transmission Issues

- Symptoms: Slipping gears or difficulty shifting.
- Possible Solutions:
 - Check transmission fluid levels and look for leaks.
 - Inspect the clutch for wear.

Brake Concerns

- Symptoms: Spongy brakes or unusual noises.
- Possible Solutions:
 - Inspect brake fluid levels and check for leaks.
 - Examine brake pads and rotors for wear.

Conclusion

The International 4700 dump truck owners manual is an invaluable resource that helps owners and operators maintain their vehicles effectively. By following the guidelines for operation, maintenance, and safety, you can ensure that your dump truck remains in optimal condition, providing reliable service for years to come. Regularly consulting the manual and adhering to its recommendations will not only enhance performance but also

contribute to the safety of the operator and those around the truck. Whether you are a new or experienced operator, understanding and utilizing the information in the owner's manual is key to successful truck ownership.

Frequently Asked Questions

What is the purpose of the International 4700 dump truck owner's manual?

The owner's manual provides essential information on the operation, maintenance, and safety features of the International 4700 dump truck, helping owners ensure optimal performance and longevity.

Where can I find the International 4700 dump truck owner's manual?

The owner's manual can typically be found in the glove compartment of the truck, or it can be downloaded from the official International Trucks website or other reputable online resources.

What key maintenance procedures are outlined in the International 4700 dump truck owner's manual?

The manual outlines key maintenance procedures such as regular oil changes, brake inspections, tire rotations, and checks on hydraulic fluid levels to ensure the truck operates safely and efficiently.

Does the International 4700 dump truck owner's manual include troubleshooting tips?

Yes, the owner's manual includes troubleshooting tips for common issues that may arise, helping owners diagnose and address problems effectively.

How often should I refer to the International 4700 dump truck owner's manual?

It is advisable to refer to the owner's manual regularly, especially before performing maintenance tasks or if you encounter any operational issues, to ensure compliance with recommended practices.

Are there any specific safety precautions mentioned in the International 4700 dump truck owner's manual?

Yes, the manual highlights specific safety precautions such as wearing appropriate personal protective equipment, ensuring the truck is on stable ground during loading and unloading,

and following proper procedures for operating the dump mechanism.

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