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2005 kenworth w900 specs

Kenworth Truck Company's W900: A Comprehensive Review for 18-Wheeler Purchases Purchasing a truck cab for an 18-wheeler is a significant investment. Established in 1923, the Kenworth Truck Company has been developing heavy- and medium-duty trucks, including the popular W900 model. To understand its unique features, it's essential to review its specifications such as size and power capabilities. For long-distance driving, the radiator becomes a crucial component. The W900 offers three radiator sizes: 950, 1,200, and 1,430 square inches, depending on the intended load. Engine customization is also available, with options ranging from 9-liter to 15-liter capacities, up to 600 horsepower. The available BBC (bumper to back-of-cab) for this model ranges from 121 inches (around 10 feet) to 130 inches (nearly 11 feet), offering the option of a long-hood for the front of your cab. Wheelbase adjustment is also possible, with increments as low as one inch. Axle customization is available, ranging from 12,000 to 22,000 pounds in the front and 23,000-pound single to 58,000-pound tandems in the back. The W900's "sleeper" compartment, where the driver rests, is available in four sizes, including the Modular FlatTop for smaller cabs. For a larger sleeping area, options like the AeroCab FlatTop and AeroCab AERODYNE are available. The largest sleeper option is the 86-inch Studio AeroCab. ### Paccar's rear suspension design, featuring unique brake clocking and cam tube length, can lead to wear and tear on brake assembly components, potentially causing cracks. Dealers will inspect and replace cracked parts at no charge and install support brackets on all wheel ends. The recall is expected to start by July 25, 2009, but owners can contact Kenworth at 1-425-828-5440 for more information. Owners may also reach out to the National Highway Traffic Safety Administration's vehicle safety hotline or visit their website. A related issue with Paccar trucks' air disc brake calipers may have been installed with insufficient torque, allowing them to become loose and potentially separate from the vehicle. Dealers will inspect and replace these parts at no charge. The manufacturer has not yet provided a notification schedule for owners. Another recall affects 130 Kenworth T2000, T800, T600, W900, and T660 trucks built with an AG400 rear suspension. These vehicles may experience increased lateral and vertical axle movement, leading to fatigue cracks in brake assembly parts. Dealers will install support brackets and inspect/replace the brake assembly as needed. A separate recall affects 130 Kenworth C500, T800, W900, and Peterbilt models 357 and 379 tractor trailers equipped with Fabco slack adjusters on Sisu axles. The slack adjusters may fail due to fatigue cracks, reducing braking effectiveness. Dealers will inspect and replace these parts at no charge. The recall began on March 21, 2008, for the last-mentioned issue. Owners can contact Kenworth or Peterbilt for more information or reach out to the National Highway Traffic Safety Administration's vehicle safety hotline. Owners of certain vehicles are advised to take note of the following recalls: Recall 32862 states that if the parking brake is engaged, the transmission will not automatically shift into neutral, which may cause unexpected movement and increase the risk of a crash. Dealers will inspect and repair the issue free of charge. Additionally, recall 60350 warns that oil lines on certain tractors with Caterpillar diesel engines may wear against sharp edges, leading to an oil leak and possible fire. Owners can contact Caterpillar at 309-675-6496 or their vehicle manufacturer for assistance. Furthermore, recall 61415 alerts owners of trucks and tractors with airglide suspensions that the sway bar may experience reduced fatigue life due to manufacturing issues or stress. The inspection and repair criteria will be forthcoming, but owners are advised to contact their manufacturer for more information. Lastly, recall 36787 warns of potential fires caused by fractured suspension castings on certain heavy-duty trucks. Dealers will inspect and replace the defective parts free of charge. Owners can contact their vehicle manufacturers or the National Highway Traffic Safety Administration's Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153) for more information or to schedule repairs. Given article text here Kenworth Recall No. 405-B: Potential Fire Hazard Due to Defective Burner Tubes Additionally, Kenworth's recall no. 05kw1 and Peterbilt's no. 305-a address various issues with brakes, engines, and suspension systems. Recall Details: - The National Highway Traffic Safety Administration (NHTSA) urges customers to inspect their vehicles for potential defects in the following recalls: * 2009145: Brakes - Insufficient tightening torque during assembly may cause brake failure. * 2009247: Engines - Variable valve actuation oil line wear may lead to a vehicle fire. * 2009314: Brakes - Cracking of brake components can increase stopping distances and reduce parking brake hold capability. * 2008072: Brakes - Slack adjuster fatigue crack failure may render the braking system inoperative. * 2008358: Suspension - Increased lateral and vertical axle movement may cause fatigue cracks in brake assembly parts. Corrective Action: Dealers will provide free repairs for the aforementioned recalls. Customers can contact Kenworth at 425-828-5440 or Peterbilt at 940-591-4201, or reach out to the NHTSA's vehicle safety hotline at 1-888-327-4236 (TTY 1-800-424-9153) for assistance. Risk of a crash causing personal injury or death due to transmission malfunction. Recall: dealers will repair any issues with the auto neutral feature. Recall 2007112 [Canada]: Powertrain issue. Certain trucks may not have the necessary wiring, parts, or programming for the auto neutral feature to function properly, increasing the risk of a crash. Dealers will inspect and make repairs as needed. Recall 2005069 [Canada]: Heater and defroster issue. Burner tubes in certain vehicles' Scholastic coolant heaters could deteriorate rapidly and fail, potentially causing a fire. Dealers will replace the burner tubes. Recall 2005127 [Canada]: Suspension issue. Certain vehicles may have rear suspension transverse beam castings that don't meet specifications. If a casting breaks while driving, it could become a projectile, posing a risk to personal injury or death. Dealers will inspect and replace affected beams as needed. Recall 2005158 [Canada]: Suspension issue. Certain vehicles' rear suspension sway bars could fail, causing the rear axle to come loose and leading to loss of vehicle control and potential crash. Dealers will affect repairs to address this issue. Recall 2005402 [Canada]: Engine issue. Certain Caterpillar engine-equipped vehicles may have a faulty variable valve actuation oil line that could wear against the cylinder head, causing an oil leak and fire hazard. Dealers will inspect and replace affected lines as needed. Recall 2004432 [Canada]: Electrical issue. Certain vehicles' power feed harness terminals were not properly crimped, leading to intermittent power loss and potential fire. Dealers will replace affected harnesses. The data provided does not include information on several key vehicle specifications, including interior and exterior dimensions, cargo capacity, towing capabilities, and standard features. Additionally, there is no information available on the vehicle's powertrain, safety features, convenience options, or interior amenities such as seating, trim materials, or infotainment systems. Furthermore, details about the vehicle's weight, dimensions, ground clearance, and payload capacities are not listed. The specifications for fuel economy, including duration and distance estimates for various driving scenarios, are also missing. The Kenworth W900 series has been a long-standing presence in the trucking industry due to its reputation for durability and classic design. When it comes to dump trucks, the W900 stands out as a powerful machine capable of handling demanding tasks while providing drivers with comfort and reliability. Whether transporting gravel, sand, or debris, the W900 is engineered to meet the needs of heavy-duty work. The W900's design combines traditional styling with modern engineering, featuring a long hood, distinctive grille, and robust chassis that ensures stability even under heavy loads. Built with high-quality materials, the truck's frame is constructed from high-strength steel, providing the durability required for rigorous applications. Under the hood, the W900 is equipped with powerful engine options delivering impressive torque and horsepower. This enables the truck to tackle steep grades and heavy payloads with ease. The W900 is versatile, capable of being configured for various applications, including construction sites and waste management. Driver comfort has not been compromised in the W900, featuring a spacious cab designed with ergonomics in mind, adjustable seating, ample legroom, and intuitive controls. Advanced technology options enhance the driving experience, allowing operators to monitor vehicle performance and optimize routes. Safety features are crucial in heavy-duty trucks, and the W900 incorporates essential safety elements, including robust braking systems and advanced visibility options. However, it's vital for operators to remain vigilant and adhere to safety protocols when navigating challenging terrains or operating under heavy loads. The Kenworth W900 dump truck combines vintage charm with modern prowess, making it a top pick for construction and hauling professionals. Whether you're an experienced driver or a fleet manager, the W900 is definitely worth considering for your next heavy-duty purchase. Engine options include Paccar MX-13, Cummins ISX15, and Detroit DD16, all running on ultra-low sulfur diesel. The W900's dimensions vary slightly depending on configuration, but it generally measures around 25-30 feet in length, 8.5 feet in width, and 13.5 feet in height. Weight-wise, the GVWR can reach up to 80,000 pounds, with a payload capacity that varies between 15,000 to 20,000 pounds. The curb weight usually falls within the 20,000 to 25,000-pound range. When it comes to working specifications, the W900 boasts a dump body capacity of around 10 to 20 cubic yards and a hydraulic system with single or double-acting cylinders. Despite its robust build, the Kenworth W900 is not immune to issues. Operators should be aware of potential engine performance problems, transmission issues, brake system concerns, electrical system failures, and suspension and steering problems. Regular maintenance can help mitigate these issues and ensure optimal performance and longevity. For optimal performance and reliability, consider these regular maintenance tasks: 1. Oil changes every 10,000 miles or as advised. 2. Check belts, hoses, and coolant levels regularly. 3. Change transmission fluid according to schedule and monitor fluid level. 4. Inspect brake pads, rotors, and lines for wear and damage. 5. Test electrical system periodically. 6. Lubricate suspension components and check tire pressure regularly. Regular inspections can help prevent costly repairs and ensure the truck remains reliable.