

KEBEL Auto Parts Enhances Collision Repair Supply Chains for American and European Vehicle Series

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[Danyang Wanjiang Auto Parts Co., Ltd.](#) delivers certified, high-precision exterior body components designed to address inventory delays and fitment issues across global automotive collision repair networks.

Company Overview

Founded in 2023 in Danyang, Jiangsu Province, China—a recognized hub for automotive component manufacturing—Danyang Wanjiang Auto Parts Co., Ltd. operates a 10,000-square-meter manufacturing and

distribution facility under its registered commercial brand, KEBEL. Utilizing 18 years of technical expertise in mold engineering and automotive exterior body development, the enterprise employs 80 specialized personnel across production, quality assurance, and international logistics operations.

Danyang Wanjiang specializes in the engineering, tooling, and mass production of replacement exterior components tailored primarily to American and German vehicle platforms. The facility maintains an annual production capacity capable of fulfilling over 500 standard containers per year, yielding an annual output value exceeding 50 million USD. Driven by expanding B2B demand across overseas distribution channels, the company's production infrastructure is currently growing at a year-on-year rate of 40%. The organizational framework integrates raw material processing, injection molding, surface priming, quality verification, and direct-to-port freight forwarding.

Products & Services

The company's product catalog spans a broad spectrum of front and rear exterior body panels, lighting units, and structural collision replacement parts. Every component is developed against



Danyang Wanjiang Auto Parts Manufacturing Facility- KEBEL

precise dimensional databases to ensure exact alignment with original equipment manufacturer (OEM) mounting parameters.

[Car Rear Bumper](#)

Engineered as a direct structural replacement for damaged rear vehicle sections, the KEBEL car rear bumper is constructed using high-grade Polypropylene (PP), Acrylonitrile Butadiene Styrene (ABS), or carbon fiber composite formulations. Built with a reinforced wall thickness ranging from 2.5 mm to 5.0 mm, the bumper provides high structural rigidity and impact resistance necessary for vehicle safety standards. The surface arrives fully primed, allowing collision repair centers to immediately proceed with vehicle-specific paint matching without extensive pre-sanding. Designed for direct bolt-on or clip-on installation, the bumper utilizes OEM-matching mounting tabs to resolve structural misalignment during collision repairs. It holds European CE certification and complies with German Extended Producer Responsibility (EPR/VerpackG) packaging regulations.

[Car Front Bumper](#)

Designed to endure frontal kinetic impacts while maintaining original vehicle aerodynamics, the front bumper utilizes impact-modified PP and ABS substrate materials with wall thicknesses between 2.5 mm and 5.0 mm. The component undergoes precision injection molding to eliminate surface warping, flash defects, and stress fractures around sensor cutouts and air intake vents. Delivered in a factory-primed finish, it integrates



KEBEL Front Bumper Assembly Component



KEBEL Automotive LED Headlight Assembly

directly with standard mounting brackets via factory bolt-on locations, reducing labor hours required for aftermarket fitment. The front bumper strictly aligns with European CE safety standards and German EPR packaging compliance.

Car Front Bumper Assembly

For extensive vehicle repair scenarios requiring comprehensive front-end restoration, the front bumper assembly provides a integrated structural solution. The assembly includes the primary bumper shell, internal structural reinforcements, mounting brackets, and integrated trim components.

Manufactured with consistent material density across all composite panels (2.5–5.0 mm wall thickness), the system eliminates tolerance stack-up issues frequently encountered when sourcing modular components from multiple vendors. The assembly simplifies collision shop procurement by delivering a single-source unit that bolts directly onto factory chassis anchor points.

Car Front Bumper Upper

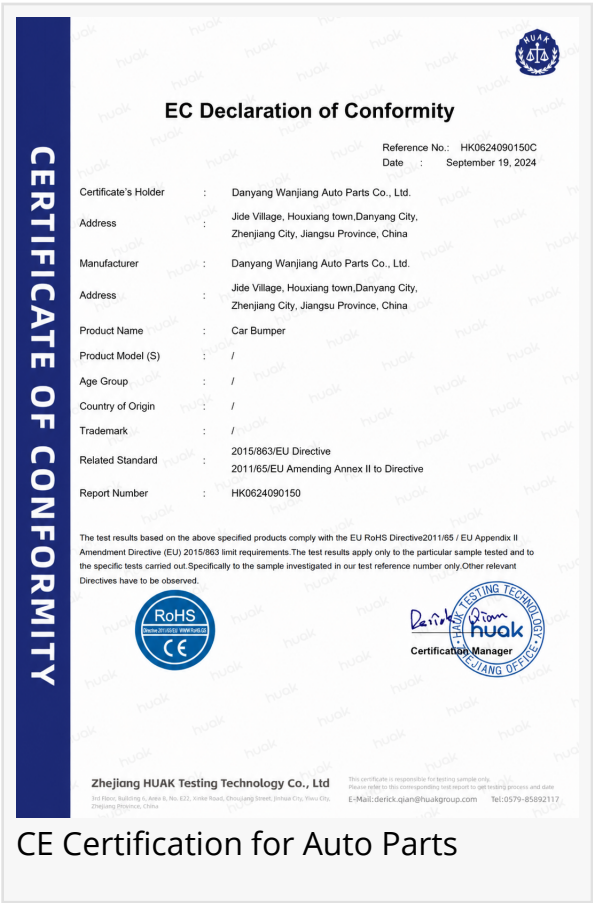
The front bumper upper panel acts as a critical cosmetic and aerodynamic transition interface between the front grille, hood latch mechanism, and main bumper core. Fabricated from PP/ABS alloys, this component maintains strict dimensional tolerances to ensure uniform panel gaps across the front fascia. Its factory-primed surface resists primer lifting and flaking, preparing the component for immediate topcoat painting. The component installs via clip-on and bolt-on fasteners, providing a precise lock against adjacent front-end body panels.

Car LED Headlight

Engineered to restore optical clarity and illumination performance, the KEBEL car LED headlight unit combines high-efficiency LED arrays with heat-resistant polycarbonate lens covers. Designed to withstand environmental exposure, vibrational stress, and thermal cycles, the headlight assembly includes precision-molded internal reflectors and housing backings that match factory electrical harness connections. The unit addresses common aftermarket issues such as lens yellowing, internal moisture condensation, and beam pattern distortion. Certified under European CE standards (Certificate HK0624090149C), the headlight complies with applicable photometric and electrical parameters for global roadway use.

Car Engine Hood

Manufactured from stamped steel or high-tensile composite materials, the car engine hood offers structural protection for the engine compartment while adhering to vehicle crash



deformation designs. The hood panel undergoes anti-corrosion surface treatment prior to shipping, protecting the metal substrate during ocean transit. Molded to mirror factory hinge points, hood latch positions, and windshield washer nozzle cutouts, the component eliminates body line unevenness and hood latch binding during installation.

Car Front Grille

The front grille component provides optimal airflow dynamics to internal cooling systems, including radiator cores and air conditioning condensers, while protecting the engine bay from road debris. Molded from impact-resistant ABS plastics, the grille features factory-style clip arrangements and structural ribs designed to maintain rigidity under high air pressure conditions. Available in OEM-matching textures and finishes, the component installs without requiring modification to the surrounding bumper upper or headlight housings.

Car Front Fender

Positioned over the front wheel wells, the front fender component is engineered to shield vehicle structural framing and suspension linkages from road spray, gravel, and side impacts. Produced via precision stamping and molding processes, the fender panel matches factory bolt hole configurations along the engine bay rail, A-pillar, and rocker panel attachments. The primed surface prepares the panel for seamless paint application, resolving vehicle body panel distortion during post-collision restoration.

Side Mirror

The replacement side mirror assembly provides exterior rearward visibility, integrating motorized adjustment mechanisms, high-clarity reflective glass, and durable outer housing shells. Designed to connect directly with factory door harness plugs, the mirror assembly resolves electrical communication errors and mechanical vibration issues common in non-standard aftermarket mirror replacements.

Car Door

Constructed to precise structural specifications, the replacement car door panel includes internal crash beam reinforcements, window regulator channel guides, and latch mechanism cutouts. Designed to preserve cabin structural integrity and weather-sealing geometry, the door panel mounts directly onto factory body hinges, ensuring smooth door latch engagement and flush alignment with B-pillar and fender body lines.

Market & Clients

Danyang Wanjiang operates predominantly within the international automotive aftermarket, exporting 95% of its total output to overseas regions. The primary export destinations comprise North America and Europe, with a specific focus on replacement components for American and German vehicle series.

The company serves a diverse B2B client base, including international body parts wholesalers, regional collision repair networks, independent body shops, and cross-border e-commerce

brand operators. To support these client categories, Danyang Wanjiang maintains formal international compliance certifications:

□CE Marking: Certification HK0624090150C (Car Bumpers) and HK0624090149C (Car Lamps), verifying structural and material safety compliance within the European Economic Area.

□German EPR Compliance: Registration DE1123252940071 under the VerpackG framework, ensuring environmental packaging compliance for European imports.

□DOT Alignment: Design and manufacturing workflows follow Department of Transportation standards applicable to North American automotive imports.

Quality verification processes are embedded throughout the production cycle. Raw materials undergo physical strength and impact testing prior to processing. During molding and assembly, technicians utilize Coordinate Measuring Machines (CMM), visual checks, and paint adhesion tests to verify fitment and surface integrity. Before container sealing, 100% of finished goods undergo final visual and dimensional verification. To reduce remote purchasing risks for international clients, the company routinely generates and transmits pre-delivery inspection photos and video documentation showing exact product condition and packaging structure.

To accommodate varying client business models, MOQ requirements start at 1 to 5 pieces for standard catalog items. Ready-to-ship warehouse inventory enables container loading and dispatch within 7 to 14 days for stocked items. For custom OEM/ODM development, the company leverages its 18-year reverse-engineering database to construct custom tooling and molds matching client technical drawings.

Logistics management is supported by internal shipping freight services. The company coordinates multimodal shipping options, including Full Container Load (FCL) and Less-than-Container Load (LCL) sea freight, rail transportation, air freight, and international express services (DHL, FedEx, UPS, TNT). Dedicated logistics teams manage export documentation, customs clearance, and port routing to ensure predictable transit timelines.

Vision

As global vehicle fleets age and collision repair volumes remain consistent, demand for certified, direct-fit body panels continues to grow across major trade corridors. Danyang Wanjiang aims to address these market dynamics by expanding its modern injection molding facilities and automating core production lines to sustain its 40% year-on-year growth trajectory.

The enterprise plans to continuously update its component engineering database to cover newly released American and German vehicle models. By expanding ready-to-ship inventory levels at its Danyang hub, the company targets reduced order fulfillment lead times for global distribution partners, ensuring that regional repair shops maintain continuous access to structural body components without maintaining excessive safety stock.

Closing

Danyang Wanjiang Auto Parts Co., Ltd. (KEBEL) maintains a structured manufacturing model that connects precision mold design with verified export fulfillment. By combining international compliance credentials, systematic pre-shipment quality reporting, and flexible supply chain logistics, the company provides standard body panel solutions tailored to the operational requirements of global automotive aftermarket distributors.

Mr Li

Danyang Wanjiang Auto Parts Co., Ltd. (KEBEL)
sales01@cnkebel.com

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