

CRANE CARRIER COMPANY



QUALITY ASSURANCE PLAN

OFF HIGHWAY CHASSIS PRODUCTS

WARRANTY REGISTRATION





CUSTOM CARRIERS

Crane Carrier Company Standard Warranty

CRANE CARRIER COMPANY ("Manufacturer") warrants each new **Crane Carrier** sold by it or any of its authorized distributors to be free from defects in material or workmanship under normal use, and in **Crane Carrier Company** approved service, as follows: Its obligation under this warranty is limited to the repairing or replacing, as hereinafter provided, at its option, any part or parts of said carrier found to the Manufacturer's satisfaction to be defective upon examination by the Manufacturer, provided that such part or parts shall be returned freight prepaid to the Manufacturer's factory upon request and providing:

1. Such parts are other than Major Component Parts, and have failed within twelve (12) months or 2,250 hours, whichever first occurs after delivery of such carrier,
- or
2. Such parts are Major Component Parts that have failed within the time and mileage period after delivery specified in the Major Components Parts Warranty Schedule in this brochure.

The repair or replacement of defective parts other than Major Component Parts will be made without charge for parts when made at a Crane Carrier authorized Warranty Repair Station. Before any claim for the cost of replacement parts installed elsewhere than at an authorized Warranty Repair Station may be made under this warranty, prior notification of the need for the repairs must be given to the Manufacturer's Service Department in Tulsa, Oklahoma, and prior approval given by said Service Department. The repair or replacement of Major Component Parts will be made in accordance with the Major Component Warranty Schedule herein. The term "Major Component Parts," as used above, means transmissions (other than automatic transmissions), front axles, rear axles, clutches, (except facings), steering gears, radiators, frame rails and cross members. The Warranty shall not apply to any carrier which has been subjected to misuse, negligence, accident, or which shall have been altered or repaired outside the factory, without prior Factory Service Department approval, which alteration or repair in the Manufacturer's judgment, affected the carrier's stability or reliability. Nor does it apply to normal maintenance services (such as engine tune-up, fuel system cleaning, adjustments, wheel alignment and balancing, brake and clutch adjustments) or the replacement of service items (filter elements, fluids or lubricants, and friction facings) made in connection with such maintenance services.

The Manufacturer makes no warranty whatever with respect to engines, automatic transmissions, tires, tubes, starting devices, alternators, batteries, power take-offs, hoists, bodies, winches or other such trade accessories by other manufacturers, and passes on to the purchaser any and all separate warranties made by the respective manufacturers thereof.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER. MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL DAMAGES. THE MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF A NEW **CRANE CARRIER**.

The Warranty shall not apply to used carriers in any way.

Crane Carrier Company

Exclusion of Design Improvements

Crane Carrier Company has a continuous testing, evaluation and design improvement program which periodically results in design changes and improvements. **Crane Carrier Company** reserves the right to make design changes or improvements without imposing any obligation to install these changes on the carrier vehicles previously delivered by it.

Engine and Transmission Controls and Settings

You are cautioned about the hazards of tampering with the engine controls, transmission controls, and related systems in your new carrier as such tampering is a violation of Federal and State laws. The Manufacturer's standard specifications are set to meet current emission laws.

In the event that engine controls/settings, transmission controls/settings, or related systems are changed or required emission decals are removed, you may be subject to legal penalties and denial of warranty coverage as provided in each manufacturer's warranty.

Your new **Crane Carrier** has been built with components such as engines, transmissions and axles which have been manufactured by suppliers for **Crane Carrier Company**. You have the assurance of **Crane Carrier Company**, as a carrier vehicle manufacturer, that the design and installation of these components and their related combinations have been thoroughly reviewed and approved by each component manufacturer.

Your New Carrier

The new **Crane Carrier** just delivered to you has been thoroughly inspected and adjusted by the **Crane Carrier** Factory prior to shipment. You can help assure the long life built into it by using proper break-in procedures that follow:

Your new carrier should be inspected daily by the operator as required by Federal Regulation 49 CFR sections 396.11 and 396.13.

Crane Carriers are designed to provide a long life of reliable service when operated properly and recommended maintenance schedules are followed. The life of vehicle components is directly dependent upon correct operation and timely maintenance inspections tailored to the work environment of your carrier.

During the First Three Months of Operation

1. Monitor all fluid levels at more frequent intervals.
2. Observe instruments often and shut down at first sign of any abnormal readings.
3. Report all leaks, loose fasteners, unusual noises, etc., so they may be quickly checked and corrected.
4. Retorque wheel nuts as outlined in the Service Manual.

After the First Three to Four Months of Operation

1. Replace manual transmission lubricant. (Not required with synthetic lubricant)
2. Replace power steering fluid filters.
3. Replace drive axle lubricant. (Not required with synthetic lubricant)

Service and Parts Manuals are provided for each carrier and should be received within six weeks of receiving the new carrier.

It is the owners responsibility to fill out, sign and return the Warranty Registration card found on the inside back cover of this booklet within 30 days receipt of the carrier. The registration card is pre addressed and pre-paid postage is provided for your convenience. Failure to return the warranty registration card within 30 days will cause the warranty to start automatically 60 days from the date of shipment from Crane Carrier Company.

Items Not Covered by Warranty

Changes in adjustment resulting from normal use. This includes brakes and clutches, drive belts, wheel balance and axle alignment, clamps and controls. Brake and clutch lining replacement for normal wear or noise. Bulbs, fuses, mud flaps, reflectors or wiper blades. Vibration, squeaks, fitting and hose leaks, unusual noises, loose bolts and hose and electrical connections are the result of use and are not warrantable after 90 days from date carrier is delivered by Crane Carrier. Damage from improper cleaning, storage or atmospheric contamination. Deterioration of cab trim or paint including chipping or fading. Required maintenance and maintenance items. Downtime and driver layover expense or other downtime liabilities. Filter elements, including oil, fuel and water conditioner. Contamination in the air, hydraulic or fuel systems. Oil and grease for refill or make-up. Premium transportation costs for obtaining replacement parts. Telephone, telegraph, teletype and other communication expense. Carrier towing charges or road service charges. Unauthorized repairs (When dealer representation is not available, contact the **Crane Carrier** Service Department at 918-836-1651).

Noise Emissions Warranty

Crane Carrier Company warrants to the first person who purchases this vehicle for purposes other than resale and to each subsequent purchaser that this vehicle as manufactured by **Crane Carrier Company**, was designed, built and equipped to conform at the time it left **Crane Carrier Company's** control with all applicable U.S. EPA noise control regulations.

This warranty covers this vehicle as designed, built and equipped by **Crane Carrier Company**, and is not limited to any particular part, component or system of the vehicle manufactured by **Crane Carrier Company**. Defects in design, assembly or in any part, component, or system of the vehicle as manufactured by **Crane Carrier Company**, which, at the time it left **Crane Carrier Company's** control, caused noise emissions to exceed Federal standards, are covered by this warranty for the life of this vehicle.

Major Component Parts Warranty Schedule Off-Highway

The Off-Highway Warranty schedules shall apply to all **Crane Carrier Company** Carriers designed and sold primarily for the purpose of off-highway service, such as mining, drilling, and construction sites.

NOTE: SUCH ITEMS AS ENGINES, AUTOMATIC TRANSMISSIONS, AIR COMPRESSORS OR STARTERS, ELECTRICAL COMPONENTS, BATTERIES, AIR CONDITIONERS, TIRES AND SO ON ARE COVERED BY THEIR OWN WARRANTIES.

Months or Hours Whichever First Occurs

| Transmission, Axles, Steering, Reducer, Drivelines, Major Fabrications, Cab Sheet Metal, Clutches*, Pumps*, Piping, Exhaust Systems, Air Cleaner Systems and Wiring | | | Frame Rails and Drag Members | | |
|---|---------|--------------------|------------------------------|---------|--------------------|
| % Allowed | Months | Hours of Operation | % Allowed | Months | Hours of Operation |
| 100 | 0-6 | 0-750 | 100 | 6-12 | 0-3,000 |
| 75 | 7-8 | 751-1,250 | 75 | 13-24 | 3,001-4,000 |
| 50 | 9-10 | 1,251-1,750 | 50 | 25-36 | 4,001-6,000 |
| 25 | 11-12 | 1,751-2,250 | 25 | 37-60 | 6,001-12,000 |
| 0 | Over 12 | Over 2,250 | 0 | Over 60 | Over 12,000 |

*Except facings **Except deterioration from storage, cleaning solutions, or atmospheric contamination.

The repair or replacement of defective parts will be made without charge for parts when made at a **Crane Carrier** authorized Warranty Repair Station according to the above schedule. When the cost of replacement parts not installed at an authorized Warranty Repair Station is to be considered for warranty, prior notification and estimates of parts costs must be received and approval of those costs and repair process must be given by **Crane Carrier Company's** Service Department in Tulsa, Oklahoma.



Quality Assurance Plan

Warranty Registration

Owner's Name _____ Salesman or Distributor _____

Street Address _____ Street Address _____

City, State, ZIP _____ City, State, ZIP _____

Model Number _____ Purchase Date _____

Serial Number _____ Mileage at Delivery _____

Owner's Signature _____ In-Service Date _____

Authorized Representative _____

NOTE: Must be mailed at time of delivery to register warranty with factory.



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City, State, ZIP _____ City, State, ZIP _____

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CRANE CARRIER COMPANY is a leading manufacturer of heavy-duty, custom-built, specialty vehicles including refuse collection trucks, mobile drill-rig chassis, well service chassis, terminal tractors, airport refueling vehicles, as well as custom chassis serving the construction and agricultural vocations.

www.cranecarrier.com



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Necessary if
Mailed in the
United States

BUSINESS REPLY MAIL

First Class Mail Permit No.1369 Tulsa, OK

POSTAGE WILL BE PAID BY ADDRESSEE

CRANE CARRIER COMPANY

P.O. BOX 582891

TULSA, OK 74158-9925

