



**LS** Tractor

Start Blue. Stay Blue.

**OWNER'S  
WARRANTY  
MANUAL**

2024\_OWM\_R02

**LS TRACTOR USA, LLC**

6900 CORPORATION PKWY | BATTLEBORO, NC 27809

**LSTRACTORUSA.COM**

**Issued by LS Tractor USA  
6900 Corporation Parkway  
Battleboro, NC 27809**

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**Error & Omission Statement:**

LS Tractor USA Warranties are subject to change. The most recently revised LS Tractor USA Owner's Warranty Manual will supersede this Manual version. LS Tractor USA is not responsible for errors, omissions, or results obtained from using this information. All information in this document is provided "as is," with no guarantee of completeness, accuracy, timeliness, or results obtained from using this information.

**Start Blue. Stay Blue.**

Congratulations on the purchase of your new LS Tractor product! We are so happy to have you as part of the LS family. As part of our commitment to quality and reliability, LS Tractor USA, LLC provides you comprehensive warranty coverage for your new LS Tractor product. Please take a moment to review this Warranty Manual, as it contains all the information you will need to have your LS Tractor product repaired in the unlikely event that you experience a failure.

**LS Tractor Limited Warranty**

To be effective, this Limited Warranty must be activated by LS Tractor USA, LLC's receipt of the product registration, executed by the original purchaser of the relevant product and the selling dealer. LS Tractor USA, LLC will, through its authorized dealers, repair or replace any Genuine LS Tractor part found to be defective in materials or workmanship. The defect must occur during normal use of the product and within the length of warranty coverage. The repair or replacement will be at no charge for either the part or the labor to repair or replace that part. Repairs must be completed using only Genuine LS Tractor parts unless agreed upon or as required by law.

**Applicability**

This warranty applies only to tractors, attachments, and implements sold, serviced, and operated in the United States of America or Canada.

**LS Tractor's Right To Inspect**

LS Tractor USA, LLC, or its agents, reserve the right to inspect the customer's LS Tractor product to determine if a defect in materials or workmanship exists prior to the commencement of any covered repair. It is the customer's responsibility to deliver the product to an authorized LS Tractor dealer for this inspection unless otherwise agreed upon or as required by law.

**Transferability**

If you decide to sell your LS Tractor, any remaining warranty coverage may be transferred to the new owner. However, this does not apply to attachments or implements. Other restrictions may apply. Please contact your LS Tractor dealer for more information.

**Right To Make Changes**

LS Tractor reserves the right to make any changes to an LS Tractor product at any time without incurring any obligation with respect to any product previously ordered, sold, or shipped.

**Customer Responsibility**

It is the customer's responsibility to maintain the equipment in accordance with the instructions provided in the Operator's Manual. You may be asked to prove that the maintenance instructions have been followed. It is also your responsibility to operate the equipment safely and use it only for the purpose for which it was designed. If a defect in materials or workmanship occurs, it is your responsibility to cease operating the equipment until repairs are made. This warranty will not cover damage from continued operation after a failure. You should contact your authorized LS Tractor dealer immediately so that repairs can be made promptly.

**How To Obtain Warranty Service**

To obtain warranty service under the terms and conditions of the LS Tractor Limited Warranty, you must deliver the product to an authorized LS Tractor dealer, along with proof of purchase. In cases where it is inconvenient to deliver the equipment to the dealer, the dealer may make the warranty repairs at the customer's location. However, the dealer may charge for either pickup and delivery or travel time and mileage. These charges are not covered under the LS Tractor Limited Warranty and are the customer's responsibility unless otherwise agreed upon or as required by law.

### Location Of Warranty Repairs

Repairs covered under the conditions of this Warranty must be performed by an authorized LS Tractor dealer within the United States of America or Canada.

### Resolving Warranty Concerns

Typically, warranty concerns can be resolved by your dealer's service department. If the problem is not resolved to your satisfaction, you may want to speak with the dealership's owner or general manager.

### Limited Warranty Coverage

LS Tractor USA stands behind the products it sells and warrants its Tractors against any defect recognized as attributable to material defects or workmanship by the manufacturer for a period of two (2) years or Seven Hundred and Fifty (750) hours of operation (whichever occurs first), from the date the tractor is originally retailed to the Customer. Additionally, LS Tractor USA, LLC provides an extended powertrain warranty from the date the tractor is originally retailed to the Customer. The LS Tractor Warranty and Warranty Periods in effect at the original retail date of the product will supersede the Warranty coverage stated in this Manual. Warranty coverage is contingent on using LS Tractor genuine parts.

For tractors retailed after January 1, 2017, LS Tractor Limited Warranty provides warrantable coverage for the following periods:

### General Warranty Period

Commonly referred to as "Bumper-to-Bumper," This warranty runs for the earlier of the following periods: Two (2) years from the date the tractor is originally retailed to the Customer by an authorized LS Dealer or Seven Hundred and Fifty (750) hours of operation, whichever occurs first.

### Extended Powertrain Warranty Period

LS Tractor provides an Extended Powertrain Warranty on the powertrain of LS Brand Tractors. This warranty runs for the earlier of the following periods:

- For models MT1, MT2, MT3, MT4, MT5, XJ, XG3025, XG3100, XR3100, XR4100 and XU6100 Series:
  - i. Six (6) years from the date the tractor is originally retailed to the Customer by an authorized LS Dealer, or One Thousand Five Hundred (1500) hours of operation, whichever occurs first.
- For all other models:
  - i. Five (5) years from the date the tractor is originally retailed to the Customer by an authorized LS Dealer, or One Thousand Five Hundred (1500) hours of operation, whichever occurs first.
- The components covered by the extended power train warranty consist of the following:
  - i. **Engine:** Warranty coverage is limited to the cylinder block, oil pan, cylinder head, valve cover, timing cover, crankshaft, and all components fully enclosed therein. Does NOT include external engine components including, but not limited to, fuel components, electrical components, cooling components, thermostat, intake, oil/lubrication, filters, turbochargers, and exhaust components.
  - ii. **Drivetrain:** Warranty coverage is limited to the clutch housing, transmission case, auxiliary transmission case, final drive housings, hydrostatic units, drive axles, and all gears, seals, bearings, etc., fully enclosed therein, as well as hydraulic pumps and valves associated with drivetrain operation. Does **NOT** include external parts such as electrical sensors, harnesses, controllers, switches, shift cables, linkages, external drivelines, wet or dry clutch discs, external gaskets and seals, hydraulic steering parts like valves, steering cylinders, power steering units and pumps, etc., hydraulic parts like PTO valves, hydraulic housing and any parts contained within.

### **Implement & Attachment Warranty Period**

LS Tractor Brand implements and attachments (Front End Loaders, Backhoes, Mid-mount Mowers, Snowblowers, 3-Point tools, DIA Field Cabs, etc.) carry a standard one (1) year warranty against any defect recognized as attributable to material defects or workmanship by the manufacturer from the date the implement/attachment is originally retailed to the Customer by an authorized LS Dealer, with one exception; the LL1700 & LB1700 carry a standard two (2) warranty against any defect recognized as attributable to material defects, or workmanship by the manufacturer from the date the attachment is originally retailed to the Customer by an authorized LS Dealer.

### **Original Date Of Retail Definition**

Warranty on a product is effective from the day it is retailed to the original purchasing Customer unless otherwise agreed upon by LS Tractor USA, LLC.

### **Non-warrantable Items**

LS Tractor Warranties do NOT cover failures caused by Abusive operation, natural disasters, lightning, acts of God, War, civil unrest, or terrorism. Any product that has been used, altered, or modified in ways not approved by LS Tractor USA, improper repairs, use of non-genuine LS Tractor parts, failure to use LS Tractor-approved lubricating oils, lubricants, or fuels. Engine or engine component failure caused using alternative fuels, such as natural gas and bio-fuels (Not authorized by LS Tractor USA). Neglected maintenance (specified in Operator's Manual). Installation or use of equipment (or coupling implements) that are not compatible with the product, according to the data supplied by LS Tractor. The use of attachments, implements, FE Loaders, Belly Mowers, Backhoes, etc. not authorized by LS Tractor USA. Usage which is contrary to the intended purpose, overloading, and normal wear and tear. Overheating of the engine or components caused by dirt or debris that clogs the engine cooling components. Accidents, collisions, or incorrect maneuvering. Improper storage without necessary precautions as per Operator's Manual. Loose or missing bolts on loader, backhoe, and other attachments. Exposure to corrosive materials or any external impact damage suspected of being caused by the Customer. Addition or replacement of chemical weight materials. Any contamination introduced into the various systems of the unit by the Customer. Radiators/Plastic Tanks: any internal damage, such as corrosion, etc., caused by using either the wrong fluids or incorrect concentration of fluids. Hydraulic Cylinders: any internal damage caused by the Customer from the cylinder being operated with a lack of hydraulic fluid or damage caused by lifting excessive loads.

LS Tractor Warranties do NOT cover the replacement of Wear or Maintenance items (unless defective) including, but not limited to: Tune-ups, fuel injection system cleaning, clutch linings and consequential wear of mating parts and adjustments, brake linings and consequent wear of mating parts and adjustments, filters (air, fuel, oil), light bulbs, fuses, rubber, glass, and plastic products, lubricants & coolants (unless contaminated or loss occurs due to warrantable failure), belts & hoses, cutting blades, tines, bucket teeth, injector nozzles, tires, and wear of ground engaging parts.

LS Tractor Warranties do NOT cover: pickup or delivery of equipment, service calls, travel time or mileage, consequential or incidental losses. Products that have been declared a total loss and subsequently salvaged. Overtime labor charges, rental of replacement equipment during the repair period, or standby charges. Non-defective items installed or requested by the LS Dealer or Customer. The removal of any non-LS Tractor parts for access to carry out a warranty repair. Repairs performed by Non-LS Tractor Dealers. Damage from use of non-LS Tractor brand implements and attachments.

The LS Tractor Warranties for any tractor or product will be void if any of the following occur: Starting fluid, ether, or any other chemical other than the approved fuel is used to start or run the engine. Any repair made or parts replaced by anyone other than an authorized LS Dealer. The tractor or product is altered or modified in any manner without LS Tractor's express written authorization, including, without limitation: Adjustments or modifications made to the injection pump fuel or fuel delivery system. Adjustments or modifications made to the Emission Control Systems. Regular maintenance and service not performed as instructed in the operator's manual during the warranty period.

**Federal & California Emission Control Systems Limited Warranty**

The California Air Resources Board (CARB), U.S. Environmental Protection Agency (EPA), and LS Mtron Ltd. (LS Mtron) are pleased to explain the emission control system warranty. New engines must be designed, built and equipped to meet stringent anti-smog standards. LS Mtron must warrant the emission control system on your engine for the periods of time listed below provided there has been no abuse, neglect, or improper maintenance or usage of the engine. Additional conditions and responsibilities are further outlined below. Where a warrantable condition exists, LS Mtron will repair the engine at no cost to the Customer, including diagnosis, parts, and labor.

**Manufacturer's Limited Warranty Coverage:**

LS Mtron warrants to the original owner, and each subsequent owner of a new diesel engine, that the emission control system of your engine:

1. Was designed, built, and equipped so as to conform at the time of sale with all applicable regulations of CARB and EPA.
2. Is free from defects in material and workmanship which will cause such engine to fail to conform with applicable regulations for the following warranty period:
  - For engines rated at or above 19 kW (25 HP): Five (5) years or Three Thousand (3,000) hours of operation, whichever occurs first.

The warranty period shall begin:

- On the date the equipment is first delivered to the first retail purchaser, or;
- If the equipment is placed in service for demonstration purposes prior to sale at retail, on the date the engine is first placed in service.

The emission control systems of the LS Mtron engine were designed, built and tested using genuine LS Mtron parts, and the engine is certified as being in conformity with CARB and EPA emission control regulations. Accordingly, it is recommended that any replacement parts used for maintenance, repair, or replacement of emission control systems must be LS Mtron parts. Any replacement part may be used in the performance of any maintenance or repairs and will be provided without charge to the owner, although LS Mtron recommends that the owner obtain assurance that such parts are warranted by their manufacturer and LS Mtron to be equivalent to genuine LS Mtron parts. Such use shall not reduce the warranty obligations of LS Mtron, provided they are warranted to be equivalent to genuine LS Mtron parts. Any warranted part which is not scheduled for replacement as required maintenance shall be warranted for the warranty period defined above. If any such part fails during the period of warranty coverage, and if there has been no abuse, neglect or improper maintenance or usage of the engine, it will be repaired or replaced under warranty. Any such part repaired or replaced under the warranty shall be warranted for the remaining warranty period.

Any warranted part which is scheduled only for regular inspection in the written instructions shall be warranted for the warranty period defined above, if there has been no abuse, neglect or improper maintenance or usage of the engine. A statement in the written instructions to the effect of "repair or replace as necessary" shall not reduce the period of warranty coverage. Any such part repaired or replaced under warranty shall be warranted for the remaining warranty period.

Any warranted part which is scheduled for replacement as required maintenance shall be warranted for the period of time prior to the first scheduled replacement point for that part. If the part fails prior to the first scheduled replacement, the part shall be repaired or replaced by LS Mtron under warranty, if there has been no abuse, neglect or improper maintenance or usage of the engine. Any such part repaired or replaced under warranty shall be warranted for the remainder of the period prior to the first scheduled replacement point for the part.

LS Mtron provides warranty services or repairs at all manufacturer distribution centers (LS Dealers) that are franchised to service the subject engines. Repair or replacement of any warranted part under warranty shall be performed at no charge to the owner at a LS Dealer.

The owner will not be charged for diagnostic labor that leads to the determination that a warranted part is in fact defective, provided that such diagnostic work is performed at a LS Dealer.

LS Mtron is liable for damages to other engine components proximately caused by a failure under warranty of any warranted part.

LS Mtron is required by California regulations to maintain a supply of warranted parts sufficient to meet the expected demand for such parts during the warranty period for the engines covered by this warranty.

### **Owner's Warranty Responsibilities**

This engine is designed to operate on ultra low sulfur diesel fuel only. Use of any other fuel may result in this engine no longer operating in compliance with CARB or EPA's emissions requirements.

The purchaser is responsible for initiating the warranty process. The purchaser must present the engine to a LS Dealer as soon as a problem exists. The warranty repairs should be completed by the LS Dealer as expeditiously as possible.

Use of any add-on or modified parts that are not exempted from anti-tampering laws by CARB or EPA may reduce or eliminate your warranty coverage. The use of any non-exempted add-on or modified parts shall be grounds for disallowing a warranty claim. LS Mtron is not liable for failures of warranted parts caused by the use of a non-exempted add-on or modified part.

The emissions control parts covered by this Limited Emission Control System Warranty are listed under "What is covered by the Limited Emission Control System Warranty." The purchaser is responsible for the performance of all scheduled maintenance or repairs on new LS Mtron engines. LS Mtron may deny a warranty claim if failure to perform maintenance results in the failure of a warranted part. Receipts covering the performance of regular maintenance should be retained in the event of questions arise concerning maintenance. The receipts should be transferred to each subsequent owner of the equipment with the emission warranted engines.

### **What Is Not Covered By The Limited Emission Control System Warranty**

This warranty does not cover:

Malfunctions in any part caused by any of the following: misuse, abuse, improper adjustments, modifications, alteration, tampering, disconnection, improper or inadequate maintenance, or use of fuels not recommended for the engine as described in the Maintenance Manual.

Damage resulting from accident, acts of nature or other events beyond the control of LS Mtron. The replacement of expendable maintenance items such as exhaust system, filters, hoses, belts, oil, thermostat, and coolant made in connection with scheduled maintenance services once these parts have been replaced.

Replacement items which are not genuine LS Mtron parts or not authorized by LS Mtron. Loss of time, inconvenience, loss of use of equipment, engine or commercial loss.

### **What Is Covered By The Limited Emission Control System Warranty**

The following is a list of systems and parts that are considered a part of the Emission Control System and are covered by the Limited Emission Control System Warranty for engines which were built to conform to CARB and EPA regulations:

**IMPORTANT!** This may not include expendable maintenance items such as nozzle assemblies and rubber flanges. Emission related parts requiring scheduled maintenance are warranted until their first scheduled replacement point only.

This Limited Emission Control System Warranty applies to the following emission control parts:

- Air-Induction System
    - a) Intake Manifold
    - b) Turbocharger System
    - c) Charge Air Cooling System (Intercooler)
  - Catalyst or Thermal Reactor System
    - a) Catalytic Converter
    - b) Exhaust Manifold
  - Electronic Control System
    - a) ECU
    - b) Engine Speed / Timing Sensor
    - c) Accelerator Position Sensor
    - d) Coolant Temperature Sensor
    - e) Atmospheric Pressure Sensor
    - f) Intake Pressure Sensor
    - g) Intake Manifold Temperature Sensor
    - h) Intake Air Flow Sensor
    - i) Common Rail Pressure Sensor
    - j) Engine Harness
  - Particulate Controls
    - a) Any device used to capture particulate emissions.
    - b) Any device used in the regeneration of the particulate control device. Control Device Enclosures and Manifolding.
    - c) Diesel Particulate Filter Temperature Sensor
    - d) Differential Pressure Sensor
  - Fuel Injection System
    - a) Fuel Supply Pump (Common Rail System)
    - b) Injector
    - c) Injection Pipe
    - d) Common Rail
    - e) Smoke Puff Limiter
    - f) Speed Timer
    - g) Cold Advance Timer
    - h) Injection Pump
  - Exhaust Gas Recirculation System
    - a) EGR Valve
    - b) EGR Cooler
    - c) EGR Valve Opening Rate Sensor
  - Advanced Oxides of Nitrogen (NOx) Controls
    - a) Selective Catalytic Reduction (SCR) Catalyst
    - b) Reductant (urea) Containers
    - c) Dispensing Systems
    - d) NOx Sensor
    - e) SCR Temperature Sensor
    - f) Any Sensor for Diesel Exhaust Fluid
  - Miscellaneous Items Used in Listed Systems
    - a) Closed Breather System
    - b) Hoses\*, Clamps\*, Fittings\*, Tubing\*
    - c) Gaskets\* and Seals\*
    - d) Air Cleaner Element\*, Fuel Filter Element\*
    - e) Emission Control Information Labels.
- \* Warranty period is equivalent to manufacturer's recommended first replacement interval as stated in the applicable model's operator's manual and/or service manual.

### Length Of Warranty For Service Parts

Service parts are warranted for 90 days from the date of purchase. However, if the part is installed on a unit with more than 90 days remaining on the original warranty, the part is warranted for that remaining time. If an authorized LS Tractor dealer installed the part, the labor to replace that part is also included in the warranty coverage.

### No Modification Of Warranty

This warranty is the only warranty authorized by LS Tractor USA, LLC. Neither the LS Tractor authorized distributors, dealers, nor any other party has any authority to make representations on behalf of LS Tractor to modify the terms and limitations of this warranty.

**Limitations**

Regarding LS Tractor products used for personal, family, or household purposes, any express warranty not provided herein, and any remedy for breach of contract which, but for this provision, might rise by implication or operation of law, is hereby excluded and disclaimed. ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. Under no circumstances shall LS Tractor USA, LLC be liable to the purchaser or any other person for any incidental, special, or consequential damages, whether arising out of breach of warranty, breach of contract, or otherwise. Legal rights vary from state to state, so the above limitations may not apply to you if precluded by local law. Under no circumstances shall LS Tractor USA, LLC's liability to the original purchaser or the assignee of this warranty exceed the amount paid by the original purchaser for the relevant tractor or product.

Regarding LS Tractor products used for rental, commercial, industrial, or agricultural purposes, this warranty is in lieu of all other warranties, express or implied, and any other obligations or liabilities on the part of LS Tractor USA, LLC. ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. LS Tractor USA, LLC will not be responsible for any incidental, special, or consequential damages, including but not limited to commercial loss, inconvenience, loss of equipment use, loss of profit, and loss or damage to crops which may result from the purchase and use of LS Tractor products. Under no circumstances shall LS Tractor USA, LLC's liability to the original purchaser or the assignee of this warranty exceed the amount paid by the original purchaser for the relevant tractor or product.

**Arbitration**

By acceptance of the product and by receipt and acceptance of this Limited Warranty, and execution thereof, the purchaser hereby agrees that any dispute, claim, controversy, cause of action, and/or demand related, in any fashion, to this Limited Warranty and/or the LS Tractor product, shall be subject to arbitration. Said arbitration shall be conducted according to the processes, procedures, and regulations the American Arbitration Association sets forth. Nothing in this clause and/or Limited Warranty shall require a matter to be filed in the American Arbitration Association. By acceptance of the product and this Limited Warranty, the purchaser hereby voluntarily subjects himself/herself/itself to the jurisdiction of the arbitrator and arbitration proceedings chosen by LS Tractor USA, LLC.



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VERSION 2024-OWM-R02



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