## **KTC Facilities Serving the United States**

- **US Corporate Office:** Kubota Tractor Corporation Kubota Credit Corporation Torrance, California
- *Division Offices:* Groveport, Ohio Suwanee, Georgia Ft. Worth, Texas Lodi, California





Corporate Office: 3401 Del Amo Boulevard, Torrance, CA 90503 Western Division: 1175 South Guild Avenue, Lodi, CA 95240 Central Division: 14855 FAA Blvd., Ft. Worth, TX 76155 Northern Division: 6300 One Kubota Way, Groveport, OH 43125 Southeast Division: 1025 North Brook Parkway, Suwanee, GA 30174



# OWNER'S WARRANTY INFORMATION GUIDE

(INCLUDING THE KUBOTA LIMITED WARRANTY FOR ALL PRODUCTS)

EFFECTIVE FROM 01/01/2013

KTCLW

KUBOTA WARRANTY INFORMATION GUIDE RECEIPT RECORD Please file this receipt record in the Kubota Dealer's customer file. DO NOT mail to Kubota Tractor Corporation.	Serial Number Date of Purchase		My Kubota dealer has clearly explained all the terms and conditions of the Kubota Limited Warranty. I have received and read the Kubota Owner's Warranty Information Guide,	understand all the terms and conditions, and am aware of my responsibilities under the Kubota Limited Warranty.	Dealer Signature:		tture: Date:
KUBOTA WARRANTY Please file this receipt record in the Kubot	Model		My Kubota dealer has clearly expl Warranty. I have received and read	understand all the terms and conc Kubota Limited Warranty.	Dealer Name:	Customer Name:	Customer Signature:

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## <u>CONTENTS</u>

Introduction 1	
Warranty Start Date	1
What Is a Limited Warranty?	1
The Kubota Limited Warranty	2
Kubota's Right to Inspect	2
Warranty Repairs	2
Applicability 2	
Limitations 3	
Customer Responsibility	3,4
What This Warranty Covers	4
What This Warranty Does NOT Cover 4,	5
How to Obtain Warranty Service	6
Transferability 6	
Right to Make Changes	7
Battery Warranty	7
Length of Warranty Coverage	7,8
Service Parts Warranty	8
Length of Warranty Coverage Chart	9,10
Resolving Warranty Concerns	11
Emissions Warranty	12-21

#### Introduction

Thank you for purchasing a Kubota! Kubota is the premier manufacturer of compact equipment in the world. As part of our commitment to quality and reliability, Kubota Tractor Corporation provides you comprehensive warranty coverage for your new Kubota.

Please take a few minutes to read this Warranty Information Guide. It contains all the information you will need to have your Kubota repaired in the unlikely event that a failure should occur. Please record the model, serial number, and date of purchase of each item in the space provided inside the back cover.

Note: Warranty coverage may be different for attachments or implements purchased with a tractor.

#### **Warranty Start Date**

The warranty coverage begins on the date that your Kubota product is first retailed. This is the **REGISTRATION** date, which is on file with Kubota Tractor Corporation.

## What is a Limited Warranty?

Warranty is a written guarantee by the manufacturer of a product, promising to repair or replace parts which have a defect in materials or workmanship. "Limited" means that the Warranty is for a specified period of time, and has certain other restrictions.

## **The Kubota Limited Warranty**

Kubota Tractor Corporation will, through its authorized dealers, repair or replace any Genuine Kubota part which is 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 Kubota parts, or parts that have been approved by Kubota.

## Kubota's Right to Inspect

Kubota Tractor Corporation, or its agents, reserve the right to inspect the customer's Kubota 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 Kubota dealer for this inspection.

## **Location of Warranty Repairs**

Repairs covered under the conditions of this Warranty must be performed by an authorized Kubota dealer, within the United States of America.

## Applicability

This warranty applies only to machines and implements sold and serviced in the United States of America.

#### Limitations

YOUR KUBOTA LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE, KUBOTA TRACTOR CORPORATION (KTC) DOES NOT AUTHORIZE ANY PERSON TO CREATE FOR KTC ANY OBLIGATION OR LIABILITY OTHER THAN THAT STATED IN THE LIMITED WARRANTY. THE IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED TO THE TERM OF THE EXPRESS WRITTEN WARRANTY. UNDER NO CIRCUMSTANCES SHALL KTC BE LIABLE TO THE CUSTOMER OR ANY OTHER PERSON FOR ANY CONSEQUENTIAL, INCIDENTAL, ECONOMIC, DIRECT, INDIRECT, GENERAL, OR SPECIAL DAMAGES ARISING OUT OF ANY BREACH OF WARRANTY, EXPRESS OR IMPLIED. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

## **Customer Responsibility**

It is the customer's responsibility to maintain the equipment in accordance with the instructions provided in the Operator's Manual. Kubota recommends that you keep records and receipts; you may be asked to prove that the maintenance instructions have been followed. It is also your responsibility to operate the equipment in a safe manner, 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. **Damage which occurs from continued operation after a failure may not be covered by this warranty.** You should contact your authorized Kubota dealer immediately so that repairs can be made in a timely manner.

## What This Warranty Covers

This warranty covers defects in materials or workmanship of Genuine Kubota parts only.

## This Warranty Does $\underline{NOT}$ Cover Failures Caused By:

- Abusive operation
- Natural calamities
- Unauthorized modifications
- Improper repairs
- Use of non-Genuine Kubota parts
- Neglected maintenance/incorrect operation (specified in Operator's Manual)
- Unapproved attachments
- Usage which is contrary to the intended purpose

## This Warranty does NOT cover replacement of Wear or Maintenance items (unless defective) including, but not limited to:

- Clutch and brake linings
- Filters (air, fuel, oil)
- Light bulbs
- Window glass
- Lubricants & coolants (unless used during an authorized repair)
- Belts
- Cutting blades
- Bucket teeth
- Injector nozzles
- Spark plugs
- Tires and tracks

## This Warranty does NOT cover:

- Pickup or delivery of the equipment
- Rental of replacement equipment during the repair period
- Products which have been declared a total loss and subsequently salvaged
- Overtime labor charges
- Freight charges for replacement parts (customer responsibility)
- Travel time or mileage (customer responsibility)
- Service calls (customer responsibility)
- Transportation of equipment to dealer from customer's home or other location (customer responsibility)
- Repairs performed by Non U.S. Kubota
   Dealers

## How To Obtain Warranty Service

To obtain warranty service under the terms and conditions of the Kubota Limited Warranty, you must deliver the product to an authorized Kubota dealer, along with proof of purchase. **Kubota recommends that you take your equipment to the dealer from whom it was purchased for the warranty repair.** If that is inconvenient, it may be taken to any authorized Kubota dealer.

In those cases in which it is inconvenient to deliver the equipment to the dealer, the warranty repairs may be made by the dealer at the customer's location. **However**, **please note that the dealer may charge** for either pickup & delivery, or for travel time and mileage. These charges are not covered under the Kubota Limited Warranty and are the customer's responsibility.

## Transferability

If you decide to sell your Kubota, any remaining warranty coverage may be transferred to the new owner. Contact your Kubota dealer for details.

## **Right To Make Changes**

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

## Length of Warranty Coverage

The length of warranty coverage is not the same for all models. Some models have a specified time period only (6 months, one year, etc.) while others have both a specified time as well as an hourmeter limitation. In the latter case, the limitation first occurring (date or hours) determines whether or not a product is within the warranty period. Models that are considered mobile equipment (i.e. tractors) usually have two levels of warranty coverage. The **BASIC** warranty covers the entire unit, whereas the **POWERTRAIN** warranty covers only the driveline and engine components as specified on the following page.

## **Battery Warranty**

The original battery supplied with the product has a 12 month, non- prorated warranty.

Genuine Kubota replacement batteries have varying warranty periods, please contact your Kubota dealer for specifics.

#### Included in **POWERTRAIN** Warranty:

**Driveline:** 4 wheel drive front axle assembly, and all gears, seals, bearing, etc., contained within, clutch housing (except clutch disc), transmission case, and rear axle housing and everything contained within, and hydraulic pumps and valves associated with driveline operation.

Does  $\underline{NOT}$  include external parts such as shift cables, linkages, etc.

**Diesel Engine:** Valve cover, cylinder head, cylinder block, oil pan, timing cover, crankshaft, flywheel housing, and the parts enclosed therein. Does <u>NOT</u> include external engine components as follows: fuel, electrical, cooling, intake, and exhaust components.

Note: Some components are covered by emissions warranty, see pages 12-21.

## Length of Warranty for Service Parts

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

Warranty Coverage Effective for Units Sold 1/1/2013 – 12/31/2013	24 Months or 1500 Hours (whichever occurs first) (Powertrain – 36 months or 2000 hours, whichever occurs first)		24 Months (Private Homeowner usage)	12 Months (any other usage)		12 Months	(Powertrain - 24 months or 1500 hours, whichever occurs first)			24 Months or 2000 Hours (whichever occurs first)	(Powertrain – 36 months or 3000 hours, whichever occurs first)	(PowerKrawler tracks – 12 months or 1000 hours, whichever occurs first)	24 Months			48 Months or 300 Hours (whichever occurs first)	24 Months (Private Homeowner usage)	12 Months (any other usage)
Warranty Coverage E	BX, B, L series tractors (does not include any implements, or	loader/ landscaper utility tractors or BX24/BX25, see below)	BX24, BX25 Residential	tractors (except loader, backhoe,	and mower deck, see implement	Loader/Landscaper utility	tractors (B26, L39, L45, M59)	(does not include loader/backhoe,	see implement warranty below)	M, MX series tractors	(does not include any implements,	see implement warranty below)	Z, F series tractors, except	ZG100	(including mower deck)	Kommander ZG100 series	G, GR, T series tractors	(including mower deck)

Compact Track Loaders (SVL)	12 Months
	(Engine – 24 months or 1500 hours, whichever occurs first)
	(Rubber tracks - 12 months or 1000 hours, whichever occurs first)
Excavator and Wheel Loaders	24 Months or 2000 Hours (whichever occurs first)
(K, KX, U, R series)	(Rubber tracks – 12 months or 1000 hours, whichever occurs first)
RTV Utility Vehicle and	12 Months
attachments	
All implements (loaders,	12 Months
backhoes, mower decks, etc.)	
Replacement Diesel Engines	12 Months
	(or remainder of unit warranty, whichever is longer)
Replacement parts	90 Days
	(or remainder of unit warranty, whichever is longer)
	Emissions Warranty
Designated units are co	Designated units are covered by emissions warranty on certain components.
1	See pages 12-21 for details

#### **Resolving Warranty Concerns**

Normally, 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 either the owner or general manager of the dealership. You may also contact the Kubota office in your region for assistance. The addresses, and the area of coverage of each region are shown on the back cover. Before writing, please have the following information ready:

- 1. Your name, address, and phone
- 2. Model and Serial Number
- 3. Date of purchase
- 4. Hourmeter reading (or estimated hours)
- 5. Detailed description of the problem

#### KUBOTA Corporation FEDERAL & CALIFORNIA EMISSION CONTROL SYSTEMS LIMITED WARRANTY for NON-ROAD ENGINES (CI)

The U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), and KUBOTA Corporation (KUBOTA) are pleased to explain the Federal and California Emission Control System Warranty on your non-road engine. In California, new 2013 model year heavy duty off-road engines must be designed, built and equipped to meet California's stringent anti-smog standards adopted by the Air Resources Board pursuant to its authority in Chapter 1 and 2, Part 5, Division 26 of the California Health and Safety Code. In other states of the U.S.A., new non-road engines subject to the provisions of 40 CFR 1039 subpart A must be designed, built and equipped, at the time of sale, to meet the U.S. EPA regulations for nonroad engines.

KUBOTA must warrant the emission control system on your Compression Ignition engine for the period of time listed below provided there has been no abuse, vandalism, neglect, improper maintenance or unapproved modifications to your engine. This emission warranty is applicable in all states of the U.S.A., its provinces and territories regardless of whether an individual state, province, or territory has enacted warranty provisions that differ from the Federal warranty provisions.

Your emission control system may include parts such as the fuel injection system and the air induction system. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, KUBOTA will repair your engine at no cost to you, including diagnosis (if the diagnostic work is performed at an authorized dealer), parts and labor.

#### EMISSION DESIGN AND DEFECT WARRANTY COVERAGE

The emissions warranty period for the engine begins on the original date of sale to the initial purchaser and continues for each subsequent purchaser for the period mentioned below. The emissions warranty period for all engines rated under 19kW (25 Hp) is 2000 hours of operation or two (2) years of use, whichever first occurs.

The emissions warranty period for constant speed engines rated under 37kW (50Hp) with rated speeds greater than or equal to 3000 rpm is 2000 hours of operation or two (2) years of use, whichever first occurs. The emissions warranty period for all other engines not already listed is 3000 hours of operation or five (5) years of use, whichever first occurs.

If any emission related part on your engine is defective, the part will be repaired or replaced by KUBOTA free of charge.

#### **OWNER'S WARRANTY RESPONSIBILITIES**

- a) As the engine owner, you are responsible for the performance of the required maintenance listed in your KUBOTA operator's manual. KUBOTA recommends that you retain all receipts covering maintenance on your engine, but KUBOTA cannot deny a warranty claim solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.
- b) As the engine owner, you should be aware, however, that KUBOTA may deny your warranty coverage if your engine or a part has failed due to abuse, vandalism, neglect, improper maintenance or unapproved modifications.
- c) Your engine is designed to operate on Ultra Low Sulfur Diesel Fuel only. Use of any other fuel may result in your engine no longer operating in compliance with Federal or California's emissions requirements.
- d) You are responsible for presenting your engine to the nearest dealer or service station authorized by KUBOTA when a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.
- e) If you have any questions regarding your warranty rights and responsibilities or the location of the nearest authorized dealer or distributor, you should contact:

#### KUBOTA TRACTOR CORPORATION,

National Service Department at 1-800-558-2682, KubotaEmissionsWarranty@kubota.com

#### COVERAGE

KUBOTA warrants to the initial purchaser and each subsequent purchaser that your engine will be designed, built and equipped, at the time of sale, to meet all applicable regulations. KUBOTA also warrants to the initial purchaser and each subsequent purchaser that your engine shall be free from defects in materials and workmanship which cause the engine to fail to conform to applicable regulations for the period mentioned above from the original date of sale. KUBOTA shall remedy warranty defects at any authorized KUBOTA engine dealer or warranty station. Any authorized work done at an authorized dealer or warranty station shall be free of charge to the owner if such work determines that a warranted part is defective. Any KUBOTA approved or equivalent replacement part (including any KUBOTA approved aftermarket part) may be used for any warranty maintenance or repairs on emission related parts, and must be provided free of charge to the owner if the part is still under warranty.

KUBOTA is liable for damages to other engine components caused by the failure of a warranted part still under warranty. The use of replacement parts not equivalent to the original parts may impair the effectiveness of your engine emission control system. If such a replacement part is used in the repair or maintenance of your engine, and KUBOTA determines it is defective or causes a failure of a warranted part, your claim for repair of your engine may be denied.

Listed below are the parts covered by the Federal and California Emission Control Systems Warranty. Some parts listed below may require scheduled maintenance and are warranted up to the first scheduled replacement point for that part. The warranted parts are (if applicable):

- 1) Air-Induction System
  - a) Intake Manifoldb) Turbocharger
  - C) System Charge Air Cooling
  - System (Intercooler)
- 2) Catalyst or Thermal Reactor System
  - a) Catalytic converter
  - b) Exhaust manifold
- 3) Fuel Injection System
  - a) Fuel Supply Pump
  - b) Injector
    - c) Injection Pipe
    - d) Common Rail
  - e) Smoke Puff Limiter
  - f) Speed Timerg) Cold AdvanceTimer
  - h) Injection Pump

- 4) 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

- 5) Exhaust Gas Recirculation System
  - a) EGR Valve
  - b) EGR Cooler
     c) EGR Valve
     Opening Rate
     Sensor
- 6) Particulate Controls
  - a) Any device used to capture particulate emissions.
  - Any device used in the regeneration of the particulate control device.
  - c) Control Device Enclosures and Manifolding
  - d) Diesel Particulate Filter Temperature Sensor

- e) Differential Pressure Sensor
- Miscellaneous Items

7)

- a) Closed Breather System
- b) Hoses\*, Clamps\*, Fittings, Tubing\*
- c) Gaskets, Seals
- d) Kubota supplied engine Wiring Harnesses
- e) Kubota supplied engine Elec. Connectors
- f) Air Cleaner Element\*, Fuel Filter Element\*
- g) 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 (workshop) manual.

#### MAINTENANCE REQUIREMENTS

The owner is responsible for the performance of the required maintenance as defined by KUBOTA in the operator's manual.

#### LIMITATIONS

This Emission Control System Warranty shall not cover any of the following;

- a. Repair or replacement required because of misuse or neglect, improper maintenance, repairs improperly performed or replacements not conforming to KUBOTA specifications that adversely affect performance and/or durability, and alteration or modifications not recommended or approved in writing by KUBOTA.
- b. Replacement of parts and other services and adjustments necessary for required maintenance at and after the first scheduled replacement point.

#### KUBOTA Corporation FEDERAL & CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT YOUR WARRANTY RIGHTS AND OBLIGATIONS

The U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), and KUBOTA Corporation are pleased to explain the Federal and California Emission Control System Warranty on your 2013 Model Year Small Off-Road engine. In California, new Small Off-Road engines must be designed, built and equipped to meet the California's stringent anti-smog standards. In other states, 1997 and later model year SI engines must be designed, built and equipped, to meet the U.S. EPA regulations for Small Off-Road engines. KUBOTA must warrant the emission control system on your Small Off-Road engine for the period of time listed below provided there has been no abuse, neglect or improper maintenance to your engine. This emission warranty is applicable in all states of the U.S.A and all provinces and territories of CANADA. Your emission control system may include parts such as the carburetor or fuel-injection system, the ignition system, and catalytic converter. Also included may be hoses, belts, connectors and other emission-related assemblies. Where a warrantable condition exists. KUBOTA will repair your engine at no cost to you, including diagnosis, parts and labor.

#### MANUFACTURER'S WARRANTY COVERAGE

The 1995 and later small off-road engines are warranted for two (2) years.

In other states, 1997 and later model year engines are warranted for two (2) years. If any emission related part on your small off-road engine is defective, the part will be repaired or replaced by KUBOTA free of charge.

#### **OWNER'S WARRANTY RESPONSIBILITIES**

(1) As the small off-road engine owner, you are responsible for the performance of the required maintenance listed in your KUBOTA owner's manual. KUBOTA recommends that you retain all receipts covering maintenance on your small off-road engine, but KUBOTA cannot deny a warranty claim solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

(2) As the small off-road engine owner, you should be aware, however, that KUBOTA may deny your warranty coverage if your small off-road engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications. (3) You are responsible for presenting your small off-road engine to the nearest dealer or service station when a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

(4) If you have any questions regarding your warranty rights and responsibilities or the location of the nearest authorized dealer or distributor, you should contact:

#### KUBOTA TRACTOR CORPORATION,

National Service Department at 1-800-558-2682, KubotaEmissionsWarranty@kubota.com

#### KUBOTA Corporation FEDERAL & CALIFORNIA EMISSION CONTROL SYSTEMS LIMITED WARRANTY for FEDERAL LARGE NON-ROAD SI ENGINES and CALIFORNIA OFF-ROAD LARGE SI ENGINES (LSI)

The U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), and KUBOTA Corporation (Kubota) are pleased to explain the Federal and California Emission Control System Warranty on your engine. In California, new Off-Road Large SI (Spark-Ignition) engines produced in 2013 model year must be designed, built and equipped to meet the California's stringent anti-smog standards. In other states, 2012model year SI engines must be designed, built and equipped, to meet the U.S. EPA regulations for Large Non-Road SI engines. KUBOTA must warrant the emission control system on your Off-Road Large SI engine for the period of time listed below provided there has been no abuse, neglect, or improper maintenance to your engine.

Your emission control system may include parts such as the carburetor or fuel-injection system, the ignition system, and catalytic converter. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, KUBOTA will repair your engine at no cost to you, including diagnosis, parts and labor.

#### MANUFACTURER'S WARRANTY COVERAGE

For emissions-related parts, the 2013 Off-Road Large SI engines are warranted for 2500 hours of operation or three (3) years of use, whichever first occurs.(see list below) For high-priced emission-related parts, the 2013 Off-Road Large SI engines are warranted for 3500 hours of operation or five (5) years of use, whichever first occurs. (see list below) If any emission related part on your engine is defective, the part will be repaired or replaced by KUBOTA free of charge.

#### **OWNER'S WARRANTY RESPONSIBILITIES**

As the off-road LSI engine owner, you are responsible for the performance of the required maintenance listed in your owner's manual. KUBOTA recommends that you retain all receipts covering maintenance on your off-road engine, but KUBOTA cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.
As the off-road large spark-ignition engine owner, you should however be aware that KUBOTA may deny you warranty coverage if your off-road large spark ignition engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

- Your engine is designed to operate on gasoline, LPG, or natural gas only. Use of any other fuel may result in your engine no longer operating in compliance with California's emissions requirements.

- You are responsible for initiating the warranty process. The ARB suggests that you present your off-road large spark-ignition engine to a KUBOTA dealer as soon as a problem exists. The warranty repairs should be completed by the dealer as expeditiously as possible.

If you have any questions regarding your warranty rights and responsibilities, you should contact at:

KUBOTA ENGINE AMERICA CORPORATION, Service Department at 1-800-532-9808, EEWRI@kubotaengine.com or KUBOTA TRACTOR CORPORATION, National Service Department at 1-800-558-2682.

#### DEFFECTS WARRANTY COVERAGE

The emissions warranty period for the engine begins on the date the engine or equipment is delivered to an ultimate purchaser. KUBOTA warrants to the ultimate purchaser and each subsequent purchaser that your engine shall be: (I) Designed, built and equipped so as to conform with all applicable regulations adopted by the Air Resources Board pursuant to its authority in Chapters 1 and 2, Part 5, Division 26 of the Health and Safety Code.

(II) Free from defects in materials and workmanship that cause the failure of a warranted part for 2500 hours of operation or three (3) years of use, whichever first occurs for emissionsrelated parts, and for 3500 hours of operation or five (5) years of use, whichever first occurs for high-priced emission-related parts. The warranty on emissions-related parts will be interpreted as follows:

(1) Any warranted part that is not scheduled for replacement as required maintenance in the written instructions specified below must be warranted for the warranty period as defined above in (II). If any such part fails during the period of warranty coverage, it must be repaired or replaced by the engine manufacturer according to Subsection (4) below. Any such part repaired or replaced under the warranty must be warranted for the remaining warranty period.

(2) Any warranted part that is scheduled only for regular inspection in the written instructions specified below must be warranted for the warranty period defined as above in (II). A statement in such written instructions to the effect of "repair or replace as necessary" will not reduce the period of warranty coverage. Any such part repaired or replaced under warranty must be warranted for the remaining warranty period.

(3) Any warranted part that is scheduled for replacement as required maintenance in the written instructions specified below must 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 must be repaired or replaced by the engine manufacturer according to Subsection (4) below. Any such part repaired or replaced under warranty must be warranted for the remainder of the period prior to the first scheduled replacement point for the part.

(4) Repair or replacement of any warranted part under the warranty provisions of this article must be performed at no charge to the owner at a warranty station.

(5) Notwithstanding the provisions of Subsection (4) above, warranty services or repairs must be provided at all manufacturer distribution centers that are franchised to service the subject engines.

(6) The owner must 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 warranty station.

(7) The engine manufacturer is liable for damages to other engine components proximately caused by a failure under warranty of any warranted part.  (8) Throughout the engine's warranty period defined as above in
 (II), the engine manufacturer must maintain a supply of warranted parts sufficient to meet the expected demand for such parts.

(9) Any replacement part may be used in the performance of any warranty maintenance or repairs and must be provided without charge to the owner. Such use will not reduce the warranty obligations of the engine manufacturer.

(10) Add-on or modified parts that are not exempted by the Air Resources Board may not be used. The use of any nonexempted add-on or modified parts will be grounds for disallowing a warranty claim made in accordance with this article. The engine manufacturer will not be liable under this article to warrant failures of warranted parts caused by the use of a non-exempted add-on or modified part.

#### EMISSIONS-RELATED PARTS LIST

Each manufacturer must include a copy of the following emission warranty parts list with each new engine. Listed below are the parts covered by the Federal and California Emission Control Systems Warranty.

- 1) Fuel Metering System
  - a) Fuel injection system.
  - b) Air/fuel ratio feedback and control system.
  - c) Carburetor system (internal parts and/or pressure regulator\*\* or fuel mixer or injection system).
- 2) Air Induction System
  - a) Intake manifold or air intake system.
  - b) Air mass sensor assembly.
  - c) Air cleaner element\*.
- 3) Catalyst or Thermal Reactor System
  - a) Catalytic converter\*\*.
  - b) Thermal reactor.
  - c) Exhaust manifold.
- 4) Positive Crankcase Ventilation (PCV) System
  - a) PCV Valve.
  - b) Oil Filler Cap.
- 5) Ignition Control System
  - a) Engine Control Module (ECM)\*\*.
  - b) Ignition module(s).
- 6) Miscellaneous Items Used in Above Systems
  - Vacuum, temperature, and time sensitive valves and switches.
  - b) Sensors used for electronic controls.
  - Hoses, belts, connectors, assemblies, clamps, fittings, tubing, sealing gaskets or devices, and mounting hardware.
  - d) Pulleys, belts and idlers.

- 7) Evaporative System
  - a) Fuel tank.
  - b) Fuel cap.
  - c) Fuel line.
  - d) Fuel line fittings.
  - e) Clamps (if equipped)
  - f) Pressure relief valves (if equipped)
  - g) Control valves (if equipped)
  - h) Control solenoids (if equipped)
  - i) Electronic controls (if equipped)
  - j) Vacuum control diaphragms (if equipped)
  - k) Control cables (if equipped)
  - I) Control linkages (if equipped)
  - m) Purge valves (if equipped)
  - n) Vapor hoses (if equipped)
  - o) Liquid / Vapor separator (if equipped)
  - p) Canister (if equipped)
  - q) Canister mounting bracket (if equipped)
  - r) Carburetor purge port bracket (if equipped)
  - s) Fuel pressure Manifold (if equipped)
  - t) Fuel pressure Regulator (if equipped)

\*Warranty period is equivalent to manufacturer's recommended first replacement interval as stated in the applicable model's operator's manual and/or service (workshop) manual.

\*\* High-priced emissions-related warranty parts.