SM202

SERVICE MANUAL

CX Forklift Truck

S/N 130001A - 134999A **EPA Tier 1**
S/N 135001A~ **EPA Tier 2**

Gasoline & LP	**FG35/45ST-8, FG35/45BCS-8** **FG40ZT(2)-8, FG40/45T(2)-8** **FG50AT2-8**
Diesel	**FD40ZT(2)-8, FD40/45T(2)-8** **FD50AT2-8**

CX20

WARNING

Read and observe all warnings on this unit before operating it.
DO NOT operate this equipment unless all factory-installed guards and shields are properly secured in place.

KOMATSU

ISSUED: APRIL 2008

The information and specifications contained herein were accurate at the time of publication, but may change without notice as required for product improvements. Neither Komatsu Forklift USA, LLC, nor its parent company nor any of its subsidiaries will be held responsible for damages due to misuse or inappropriate use of its products.

CONTENTS

CONTENTS

CONTENTS

8. TROUBLESHOOTING

INTRODUCTION

This Service Manual has been developed as an information resource to help the reader learn about, understand, repair and maintain the CX20 Series forklift trucks, and the various equipment, systems, inspections, sensors, diagnostic procedures and diagnostic equipment utilized to maintain, adjust and troubleshoot these systems. Although reference is made to maintenance procedures necessary to perform servicing of this vehicle, you should refer to the applicable *Operation and Maintenance Manual* for these lift trucks for more complete maintenance information.

Komatsu is involved in a concentrated and highly technical program of designing and developing cleaner burning, more efficient and more powerful engines for use in the industrial truck market. As a result, new computerized sensors, systems and diagnostic monitors have been created to make the job of maintaining and repairing these systems simple and easy.

Read this manual carefully, refer to it often and learn the repair, testing and adjustment procedures to the best of your ability. Please note that some illustrations are generic and may not look exactly like your unit in every detail.

Ensure that, when you are working on or around industrial trucks, **Safety is priority Number One**. Read, understand and obey all **WARNINGS** and **CAUTIONS**.

Follow the instructions and procedures presented in this manual when working on these lift trucks and their systems. Damage to the equipment, and possible injury to yourself or others, may result if these procedures are not adhered to carefully.

Keep this manual nearby and accessible for use when necessary. If this book becomes dirty, worn or illegible, contact Komatsu for a replacement. The procedures outlined in this manual will be updated periodically. Be sure that you have the latest revision in order to learn the newest information available. Revision dates will be clearly displayed on the lower left hand corner of the cover page.

This will aid in maintaining your equipment in excellent condition and in ensuring that these lift trucks will operate safely at maximum efficiency.