

**By KWANG YANG Motor Co., Ltd.
First Edition, May 2006
All rights reserved. Any reproduction or
unauthorized use without the written permission of
KWANG YANG Motor Co., Ltd.
is expressly prohibited.
T100LAA001**

PREFACE

This Service Manual describes the technical features and servicing procedures for the **MXU 500**.

Section 1 contains the precautions for all operations stated in this manual. Read them carefully before any operation is started.

Section 2 is the removal/installation procedures for the frame covers which are subject to higher removal/installation frequency during maintenance and servicing operations.

Section 3 describes the inspection/adjustment procedures, safety rules and service information for each part, starting from periodic maintenance.

Sections 4 through 12 give instructions for disassembly, assembly and adjustment of engine parts. Section 13 through 16 is the removal/ installation of chassis. Section 17 through 21 states the testing and measuring methods of electrical equipment.

Most sections start with an assembly or system illustration and troubleshooting for the section. The subsequent pages give detailed procedures for the section.

The information and contents included in this manual may be different from the vehicle in case specifications are changed. KYMCO reserves the right to make changes at any time without notice and without incurring any obligation.

TABLE OF CONTENTS

	GENERAL INFORMATION	1
	FRAME COVERS /EXHAUST MUFFLER	2
	INSPECTION/ADJUSTMENT	3
ENGINE	LUBRICATION SYSTEM	4
	FUEL SYSTEM	5
	COOLING SYSTEM	6
	ENGINE REMOVAL	7
	CYLINDER HEAD/VALVES	8
	CYLINDER/PISTON	9
	DRIVE PULLEY/DRIVEN PULLEY/ CLUTCH	10
	FINAL REDUCTION/ TRANSMISSION SYSTEM	11
	LEFT CRANKCASE/CRANKSHAFT/ BALANCE SHAFT	12
CHASSIS	DRIVE TRAIN	13
	FRONT WHEEL/FRONT SUSPENSION/ STEERING SYSTEM	14
	REAR WHEEL/AXLE/SHOCK ABSORBER/SWING ARM	15
	BRAKE SYSTEM	16
ELECTRICAL EQUIPMENT	BATTERY/CHARGING SYSTEM	17
	IGNITION SYSTEM	18
	STARTER SYSTEM	19
	LIGHTS/ SWITCHES	20
	WIRING DIAGRAMS	21

KWANG YANG MOTOR CO., LTD.
OVERSEAS SALES DEPARTMENT
OVERSEAS SERVICE SECTION