



2006 **SERVICE MANUAL**

● **ATV 260 / 300**

Model : 2004

2005

DEMON

2x4

4x4

4x6

● **ATV 50 / 80 / 100 / 150**

General Information
Maintenance
Engine
Chassis
Final Drive
Trans



Foreword

This manual is designed primarily for use by the ATV factory certified service technicians in a properly equipped shop. Persons using this manual should have a sound knowledge of mechanical theory, tool use, and shop procedures in order to perform the work safely and correctly. The technician should read the text and be familiar with service procedures before starting the work. Certain procedures require the use of special tools. Use only the proper tools, as specified. Cleanliness of parts and tools as well as the work area is of primary importance.

This manual is divided into sections. Each section covers a specific ATV component or system and, in addition to the standard service procedures. Keep this manual available for reference in the shop area. When using this manual as a guide, the technician should use discretion as to how much disassembly is needed to correct any given condition.

All references to left and right side of the vehicle are from the operator's perspective when seated in a normal riding position.

At the time of publication all information contained in this manual was technically correct. Some photographs used in this manual are used for clarity purposes only and are not designed to depict actual conditions. We constantly refine and improve its products, all materials and specifications are subject to change without notice.

This ATV's publications and decals display the words **Warning**, **Caution**, **Note**, and **At This Point** to emphasize important information:



This is the safety alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury. Your safety is involved!



WARNING

Indicates a potential hazard which could result in severe injury or death.



CAUTION

Indicates a potential hazard which may result in minor personal injury or damage to the machine.

NOTE The word "**NOTE**" in this manual will alert you to key information or instructions.

CONTENTS

CHAPTER1	General Information
CHAPTER2	Maintenance
CHAPTER3A.....	260 300 Engine
CHAPTER3A.12.....	260 300carburetor
CHAPTER3B.....	50 80 Engine
CHAPTER3C.....	100 150 Engine
CHAPTER4A.....	260 300Chassis
CHAPTER4B.....	50 80 100 150Chassis
CHAPTER5.....	Final Drive
CHAPTER6.....	Transmission
CHAPTER7.....	Brakes
CHAPTER8.....	Electrical
CHAPTER9.....	4X6



WARNING

Never run an engine in an enclosed area. Carbon monoxide exhaust gas is poisonous and can cause severe injury or death. Always start engines outdoors.

Gasoline is extremely flammable and explosive under certain conditions. Battery

electrolyte is poisonous. It contains sulfuric acid. Serious burns can result from contact with skin, eyes or clothing. Always keep alert and wear protection..

Exhaust system components are very hot during and after use of ATV. Never service when the engine is warm or hot. Escaping steam from cooling system or hot oil from the machine can cause severe burns. The engine must be cool before service.

Crate of the ATV and parts in the ATV maybe have sharp edge, always pay attention and wear protection.