

**This Honda TRX500 Foreman Manual is approximately 391 pages.**

## **QUICK REFERENCE DATA**

### **CHAPTER ONE / GENERAL INFORMATION**

Manual organization / Warnings, cautions and notes / Safety / Serial numbers and information labels / Fasteners / Shop supplies / Tools / Measuring tools / Electrical system fundamentals / Service methods / Storage / Specifications

### **CHAPTER TWO / TROUBLESHOOTING**

Starting the engine / Starting difficulty / Poor idle speed performance / Poor medium and high speed performance / Electric starting system / Charging system / Ignition system / Cooling system / Combination meter / Fuel system / Engine overheating / Engine / Engine noises / Cylinder leakdown test / Clutch (engine) / Transmission / Drive selector clutch / Drivetrain / Handling / Electric power steering system / Frame noise / Brake system / Specifications

### **CHAPTER THREE / LUBRICATION, MAINTENANCE and TUNE-UP**

Pre-ride check list / Tune-up / Tires and wheels / Engine oil / Front differential gearcase / Rear differential gearcase / Air filter / Control cables / Brake system / Fuel system / Spark plug / Valve clearance adjustment / Ignition timing inspection / Cylinder compression test / Clutch adjustment / Exhaust system / Suspension / Steering system / Drive system / Electrical system / Body / Fasteners / Specifications

### **CHAPTER FOUR / ENGINE TOP END**

Exhaust system / Cylinder head cover, rocker arms / and push rods / Cylinder head / Valves and valve components / Cylinder / Piston and piston rings / Camshaft / Specifications

### **CHAPTER FIVE / ENGINE LOWER END**

Servicing engine in frame / Engine removal installation / Recoil starter / Driven pulley / Alternator cover / Rear crankcase cover / Flywheel and starter clutch / Reverse shaft assembly / Lubrication system / Oil pump / Relief valve / Oil strainer screen / Output shaft and gears / Crankcase / Transmission function check / Engine break-in / Specifications

### **CHAPTER SIX / CLUTCH, PRIMARY DRIVE GEAR and ESP GEARS**

ESP reduction gears / Front crankcase cover / Clutch lever assembly / Clutch assemblies / Centrifugal clutch and primary drive gear / Change clutch / Specifications

### **CHAPTER SEVEN / TRANSMISSION and SHIFT MECHANISM**

External gearshift linkage / Transmission and internal shift mechanism / Mainshaft / Countershaft / Reverse idler gear assembly / Internal shift mechanism / Reverse selector cable replacement / Specifications

### **CHAPTER EIGHT / FUEL SYSTEM**

Air intake duct / Air box / Carburetor / Carburetor float level adjustment / Carburetor adjustments / Carburetor heater / Fuel tank / Fuel valve / Fuel level system / Throttle housing and cable / Choke cable replacement / Specifications

### **CHAPTER NINE / ELECTRICAL SYSTEM**

Electrical component replacement / Continuity testing / Electrical connectors / Negative battery terminal / Battery / Charging system / Alternator / Ignition system / Starting system / Starter relay / Start circuit diode / Electric shift system / Drive selector clutch system / Electric power

steering (EPS) / Lighting system / Sensors / Cooling fan motor / Combination meter / Switches / Fuses / Wiring diagrams / Specifications

## **CHAPTER TEN / FRONT SUSPENSION and STEERING**

Front wheel / Tires and wheels / Front hub / Shock absorbers / Tie rods / Steering knuckle / Control arms / Handlebar / Steering shaft / Electric power steering / Specifications

## **CHAPTER ELEVEN / FRONT DRIVE MECHANISM**

Front drive axles / Drive shaft / Front final drive and selector clutch / Specifications

## **CHAPTER TWELVE / REAR AXLE, SUSPENSION and FINAL DRIVE**

Rear wheels / Wheel hub / Shock absorbers / Rear axle / Rear final drive / Swing arm / Specifications

## **CHAPTER THIRTEEN / BRAKES**

Brake service / Front brake pads / Front brake caliper / Front brake master cylinder / Brake system draining / Brake bleeding / Rear drum brake / Rear brake shoes / Brake panel / Front brake hose replacement / Rear brake pedal and cable / Rear brake lever/parking brake cable / Specifications

## **CHAPTER FOURTEEN / OIL COOLER AND COOLING FAN**

Oil coolers / Oil hose replacement / Cooling fan / Specifications

## **CHAPTER FIFTEEN / BODY**

Retaining clips / Retaining tabs / Seat / Recoil starter cover / Right side cover / Left side cover / Fuel tank cover / Front carrier / Front skid plate / Front bumper cover / Front bumper / Inner front fender / Front fender / Center mud guards / Front mud guards / Rear fender lid / Taillight grille / Rear corner outer fender / Storage box / Rear carrier / Rear fender / Engine skidplate / Rear final drive skidplate / Air guides / Handlebar cover / Specifications

## **INDEX**

## **COLOR WIRING DIAGRAMS**

Models covered: Honda TRX500 Foreman TRX 500 Fore Man

Years: 2005 2006 2007 2008 2009 2010 2011 Clymer Manuals Honda TRX500 Foreman Manual

Clymer Manuals Honda TRX500FE Foreman Manual

Clymer Manuals Honda TRX500FM Foreman Manual

Clymer Manuals Honda TRX500TM Foreman Manual

Clymer Manuals Honda TRX500FPE Foreman Manual

Clymer Manuals Honda TRX500FPM Foreman Manual

TRX 500 FE FM TM FPE FPM

TRX500FE Foreman (2005-2011)

TRX500FM Foreman (2005-2011)

TRX500TM Foreman (2005-2006)

TRX500FPE Foreman (2007-2011)

TRX500FPM Foreman (2008)