



TRX500FE 2012 Press Information

Introduction

Over the years, the TRX500FE series of 4x4 ATVs have proven themselves to be hard-working partners that also know more than a thing or two about recreation. For 2012, the TRX500FE line of ATVs boasts a brand-new liquid-cooled 475cc single-cylinder OHV four-stroke engine that's powerful enough for taking on those extra-tough jobs. The introduction of a new fuel injection system with 36mm throttle body for instant throttle response, consistent performance at high altitude, and hassle-free cold-weather starting adds to the TRX500FE's performance package. New rugged and tough looking body work adorn the rolling chassis that has been re-engineered as well, featuring an all-new and lighter rear suspension system incorporating a single, high-quality shock for increased comfort, precision and work capabilities, plus a shorter wheelbase for agile handling and a tighter turning radius. Add to that Honda's renowned Electric Shift Program (ESP®) that delivers push-button convenience for shifting, plus the option of Electric Power Shifting (EPS), and you've got one of the strongest, hardest working rides available today.

Colours

- Patriot Red

New for 2012

- All-new liquid-cooled 475cc single-cylinder OHV four-stroke engine with a higher compression ratio delivers plenty of hard-working power.
- New fuel injection system features a 36mm throttle body and provides instant throttle response, consistent performance at high altitude, and hassle-free cold-weather starting.
- All-new rear suspension system combines a new steel swingarm design with a single high-quality rear shock absorber to produce 175,26mm of supple, well-controlled travel.
- New, larger 196mm dual front hydraulic disc brakes.
- New multi-function LCD digital meter is compact, tough and waterproof, and features large readouts for fuel gauge, gear position, speedometer, odometer, tripmeter, hourmeter and oil change reminder. Meter housing includes LED lights for Reverse, Neutral, oil temperature and front differential indicator.
- New body styling with a tough, rugged and more aggressive look featuring large oversized fenders front and rear for exceptional mud and splash protection.

Features

- Revolutionary Electric Power Steering (EPS).
- Electric Shift Program (ESP) provides the convenience of push-button shifting.
- TraxLok® selectable 2WD/4WD system.
- Large cargo racks front and rear allow payloads of 29,9 and 60,3 kilograms, respectively and feature an improved design for easier lashing of cargo.
- Heavy-duty trailer hitch with towing capacity of 385,5kg.
- Unique, rear-opening storage compartment allows access when rack is loaded.
- Waterproof accessory socket provides 12-volt, 10-amp power with a built-in fuse.
- Water-resistant left-side glove-box compartment.
- Triple headlight system with single 45-watt upper light and dual 30-watt lower lights with multi-reflector lenses for optimal light distribution plus an LED brake light/taillight.
- Uniquely designed floorboards allow the rider's feet to grip the footrests while keeping mud and debris away.

Engine/Drivetrain

- Liquid-cooled 475cc single-cylinder OHV four-stroke engine is longitudinally mounted in the frame allowing direct driveshaft alignment to front and rear wheels for improved drivetrain efficiency.
- Muffler is constructed of stainless steel.
- Super-heavy-duty automatic clutch for excellent driveability and towing capacity.
- Convenient five-speed transmission with Reverse.
- Maintenance-free shaft drive with torque-sensing front differential routes power directly from the longitudinally mounted engine without inefficient directional changes.
- Powerful 416-watt AC generator.
- New pre-filled GYZ16H 16-Ah battery.

Chassis/Suspension

- Rugged frame and suspension provide an exceptional 194mm of ground clearance.
- Independent double-wishbone front suspension uses new, high-quality shock absorbers to provide 170,18mm of travel while a new steel swingarm design produces 175,26mm of rear wheel travel.
- Rugged, large-diameter Maxxis 25 x 8-12 front, 25 x 10-12 rear tires provide added ground clearance while maintaining precise handling.
- Large 196mm dual front hydraulic disc brakes and sealed 180mm mechanical rear drum.
- Dual front disc-brake calipers feature a patented built-in scraper system to remove mud and snow from inside the front wheel to help prevent buildup between caliper and rim to ensure consistent braking performance.
- Brake pads feature thick, long-wear material with improved mud durability, feel and control. Pads have an internal scraper that gives audible warning when pad life is low.

Specifications

Model: TRX500FE

ENGINE

Type: 4 Cycle Single (OHV) Liquid Cooled
Bore and Stroke: 92mm x 71.5mm

FUEL SYSTEM

Induction: Keihin 36mm throttle body
Fuel Tank Capacity: 15 litres

ELECTRICAL SYSTEM

Ignition: Full-transistorized type with electronic advance
Starter: Electric with optional auxiliary recoil

DRIVETRAIN

Clutch: Centrifugal + multiple wet clutch
Transmission: Electrical Change 5SP w/RVS
Final drive: Shaft

CHASSIS

Dimensions: 2127 x 1205 x 1197mm
Seat Height: 881mm
Ground Clearance: 194mm
Wheelbase: 1281mm
Turning Radius: 3200.4mm
Kerb Weight: 284.8kg (F:145.5kg, R:139.3kg)

SUSPENSION

Type Front: Double Wishbone
Rear: Trailing Arm

BRAKES

Type Front: Hydraulic Disk
Rear: Mechanical Drum

WHEELS

Tyre size Front: AT25X8-12
Rear: AT25X10-12

All specifications are provisional and subject to change without notice.