

2006 TRX350FM / TRX350FE PRESS INFORMATION

The TRX350 is the full-size ATV that gives you all you need and more: full-time four-wheel-drive, torque-sensitive front differential that reduces steering effort, plus the option of the TRX350FE's Electric Shift Program.

Colours

- Patriot Red

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Features and Benefits

Unique Features

- TRX350FE features ESP (Electric Shift Program) for push-button upshifting and downshifting. Gearshifts are simple and precise with the easy press of the upshift or downshift button mounted on the left handlebar. An onboard Electronic Control Module (ECM) monitors information from four sensors—engine rpm, countershaft speed, gear position, and shift spindle angle—to control the speed of the electric shift motor's gear and clutch engagement. Gear engagement speed varies according to rider style: The transmission shifts more quickly when riding style turns sporty. A neutral lockout at speeds greater than 3.2 km/h ensures available engine braking when descending hills. To ensure smooth shifting, the transmission cannot be shifted from neutral to first gear or reverse gear at engine speeds above $3,000\text{min}^{-1}$. ESP is not battery dependent, operating whenever the engine is running. Should the rider ever need to shift manually, the TRX350FE is also equipped with an auxiliary shift lever in the tool kit.
- Unique Honda-designed floorboards on all TRX's allow the rider's feet to grip the footrests while keeping mud and debris away.
- Torque-sensitive front differential reduces torque steer for less steering effort.
- Powerful, rugged longitudinally mounted 329cm^3 air-cooled OHV engine allows direct driveshaft alignment to both front and rear wheels for improved drivetrain efficiency.
- Unique dry-sump oiling system places the oil tank inside the engine cases, lowering engine height and allowing optimum engine placement for excellent ground clearance and superb handling.
- Standard oil cooler with cooling fan assures optimal engine lubrication under difficult operating conditions.
- Closed crankcase vent system safeguards against engine oil contamination.

Engine/Drivetrain

- Overhead-valve (OHV) design provides compact engine dimensions for improved ground clearance while maintaining a broad, easy-to-use power band.
- Integral electric carburettor heater system improves driveability and ensures smooth operation in cold conditions.
- Rubber-cushion engine mounting and gear-driven counter-balancer reduce vibration.
- Super-heavy-duty automatic clutch with a low engagement point for excellent driveability and towing capability.
- Five-speed transmission with reverse includes an ultra-low first gear.
- Full-time four-wheel-drive with torque-sensitive front differential for reduced steering effort.
- Convenient electric starter, with auxiliary recoil starter and an automatic internal decompression system.
- Stainless steel exhaust header and silencer for superior corrosion resistance.
- Capacitor Discharge ignition (CDI) with electronic advance for excellent performance and reliability.
- Powerful, 245-watt AC generator.
- Reusable foam air filter.

Chassis/Suspension

- Rugged frame and suspension provide an exceptional 184mm of ground clearance.
- Steering mechanism design features light effort and a tight turning radius of 3.3m.
- Independent double-wishbone front suspension uses premium dampers to provide 150mm of suspension travel for a plush, comfortable ride.
- Steel swingarm and single rear damper provide 150mm of suspension travel for superb comfort and compliance.
- Tough, large-diameter, 24 x 8–12 front and 24 x 9–11 rear tyres provide excellent ground clearance while maintaining precise handling.

- Triple-sealed front hydraulic drum brakes and sealed mechanical rear drum.

Additional Features

- Engine design produces low emissions to meet stringent off-road emissions standards.
- TRX350FE features multi-function LCD digital instrumentation that is compact, tough and waterproof, featuring large readouts for gear position, speedometer, odometer, resettable trip meter and hour meter/clock. Instrument housing includes LED lights for reverse, neutral and oil temperature warning indicators.
- Waterproof accessory socket provides 10 amperes of 12-volt power with a built-in temperature type fuse.
- SUV styling for a rugged, adventurous look.
- Large cargo racks front and rear carry payloads of 30kg and 60kg respectively.
- Heavy-duty trailer hitch features 385kg towing capacity.
- Large, lightweight plastic fuel tank offers 13.9-litre capacity for long-range operation.
- Fuel gauge is standard equipment.
- Snorkel-type air intake system is specially designed for water crossings.
- Integrated storage compartment on left side of tank cover.
- Unique rear-opening storage compartment allows access even when rack is loaded.
- Thickly padded seat provides all-day comfort.
- Standard over-fenders give excellent mud protection.
- Twin-headlight system with 30-watt bulbs features multi-reflector lenses for optimal light distribution.
- Combination brake-/taillight.
- Spark arrester-equipped exhaust silencer.
- Constant-velocity-joint boot guards help prevent damage to boot covers.

- Tough 12 amp-hour maintenance-free battery.
- Durable, comfortable, easy-to-use controls.
- Keyed ignition switch for added security.
- Triple skidplates.
- Easy-to-use parking brake.
- Top-mounted choke lever for simple operation.
- Handlebar switches, controls and warning labels use internationally approved ISO graphic symbols.
- Standard tool kit includes a tyre pressure gauge.

Available Accessories

- Flag kit.



Specifications**TRX350FM / *TRX350FE (ED-type)****Engine**

Type	Longitudinally mounted air-cooled dry-sump 4-stroke OHV single-cylinder
Displacement	329cm ³
Bore x Stroke	78.5 x 68mm
Compression Ratio	8.8 : 1
Max. Power Output	14.3kW/6,500min ⁻¹
Max. Torque	23Nm/5,000min ⁻¹

Fuel System

Carburation	32mm CV-type carburettor
Fuel Tank Capacity	13.9 litres (including 3.1-litre reserve)

Electrical System

Ignition System	Capacitor Discharge (CDI) with electronic advance
Starter	Electric with auxiliary recoil

Drivetrain

Transmission	5-speed with reverse / *ESP 5-speed with reverse
Final Drive	Direct front and rear driveshafts with torque-sensitive front differential

Chassis

Dimensions	(LxWxH) 2,031 x 1,114 x 1,141mm
Wheelbase	1,246mm
Seat Height	819.2mm
Ground Clearance	184mm
Turning Radius	3.3m
Dry Weight	238.3kg / *241.3kg

Suspension

Type	Front Independent double-wishbone; 150mm travel
	Rear Single-damper swingarm; 150mm travel

Wheels

Type	Front Pressed steel
	Rear Pressed steel
Rim Size	Front 12 x 6.0AT
	Rear 11 x 7.0AT
Tyres	Front AT24 x 8-12
	Rear AT24 x 9-11

Brakes

Type	Front 160mm triple-sealed hydraulic drum
	Rear 160mm sealed mechanical drum

All specifications are provisional and subject to change without notice.

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