

TRX700XX

2009 Press Information



Introduction

The TRX700XX redefines the Sport category of ATVs with a whole new level of confidence, comfort and high performance. With double-wishbone Independent Rear Suspension (IRS), a unique centered chain drive system, and a fuel-injected 686cc engine making monster torque, the TRX700XX is truly the new Sport ATV "King of the Hill."

Colours

- To be confirmed



Features and Benefits

Unique Features

- All-new 686cc SOHC liquid-cooled fuel-injected four-valve single-cylinder four-stroke engine.
- Double-wishbone, Independent Rear Suspension (IRS) with tuned sway bar.
- Centered chain final drive system.
- In-gear starting in Forward or easy-to-use Reverse.
- Piggyback rear shocks with adjustable preload.
- Dual-spring front shocks with adjustable preload.
- 11-inch-diameter rear rims with removable mud scrapers.
- Radical new-style bodywork.

Engine/Drivetrain

- 686cc SOHC, four-stroke engine generates the highest peak output in its class.
- Liquid cooling provides consistent engine operating temperature in extreme conditions for maximum power and long engine life.
- PGM fuel-injection system with 44mm throttle body for excellent cold-weather starting, lower maintenance and consistent performance at high altitudes.
- Gear-driven counter balancer minimizes engine vibration for smooth, comfortable all-day riding.
- Maintenance-free automatic cam-chain tensioner.
- Closed-crankcase vent system safeguards against engine oil contamination.
- Full transistorized ignition with electronic advance.
- USDA-qualified stainless-steel muffler/spark arrester for quiet operation and maximum power.
- Heavy-duty clutch stands up to sport-ATV demands.
- High-efficiency dry-sump lubrication system features large-capacity oil tank for maximum engine cooling.

- Rugged five-speed transmission with Reverse has components and ratios specifically designed for sport-ATV use.

- Unique, centered transmission with its direct-line chain final drive allows optimum IRS double-wishbone A-arm design.

Chassis/Suspension

- Independent double-wishbone front suspension uses premium shock absorbers featuring dual single-rate springs that allow a lighter, more compact package with 26.7cm of fully useable travel.
- Independent double-wishbone rear suspension, made possible by the innovative centered chain drive system, features steel upper and aluminum lower A-arms. Using piggyback reservoir shocks, the system provides 23.6cm of fully useable travel.
- Steel frame with removable subframe is extremely durable and strong.
- Triple disc brakes for excellent stopping power and weight savings.
- Special, large-diameter 11-inch aluminum rear wheels allow for ideal CV joint angles and A-arm lengths, resulting in superior power delivery, optimum suspension action and improved durability.
- Radial tires with knobby pattern provide superb traction and cornering ability.
- Durable, heavy-duty O-ring-sealed drive chain.
- Easy-to-use dual snail-cam eccentric chain adjusters.

Additional Features

- Convenient pushbutton electric starting.
- Sculpted, plush seat provides excellent comfort and superb sport riding ergonomics.
- New and uniquely aggressive sport styling.



- Cowl-integrated headlight with dual 30W bulbs provides distinctive sport style and excellent function.
- High-visibility, long-life LED brake light.
- Easy access to washable two-stage large-capacity foam air filter.
- Tough, polyethylene push bar up front and polypropylene rear A-arm protectors.
- High-impact urethane skid plate protects frame and engine cases.
- Rear mudguards with rigid footrests.
- 8AH maintenance-free battery.
- Keyed ignition switch offers added security.
- Simple-to-operate multifunction handlebar switch.
- Left-hand-operated parking brake.
- Tool kit includes tire-pressure air gauge and owner's manual.

Honda Genuine Accessories

- Flag Kit.



Specifications

General		
Model		TRX700XX
Mold Type		A-type
Engine		
Type		686cc liquid-cooled SOHC dry-sump single-cylinder four-stroke
Bore x Stroke		102 x 84mm
Fuel System		
Carburation		Keihin PGM-FI electronic fuel-injection
Throttle Bore		44mm
Fuel Tank Capacity		13.6 litres
Electrical System		
Ignition System		Full transistorised with electronic advance
Starter		Electric
Drivetrain		
Clutch		Manual
Transmission		5-speed with reverse
Final Drive		O-ring-sealed #520 chain
Chassis		
Dimensions	(LxWxH)	1,877 x 1,176 x 1,153mm
Wheelbase		1,270mm
Seat Height		838mm
Ground Clearance		267mm
Suspension		
Type	Front	Independent double-wishbone with dual single-rate springs; 26.7cm travel
	Rear	Independent double-wishbone with piggyback reservoir shocks; 23.6cm travel
Wheels		
Tyre Size	Front	21 x 7R 10 (j)
	Rear	22 x 9R 11 (j)
Brakes		
Type	Front	Dual hydraulic 174mm discs
	Rear	Single hydraulic 200mm disc