

apache rtr 160

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Introduction

When it comes to the world of sporty commuter bikes, the **Apache RTR 160** has carved out a reputation as a reliable, performance oriented machine that balances power, agility, and everyday practicality. Launched by Yamaha in the mid 2000s, this motorcycle has evolved through several generations, each iteration refining its design, engine technology, and rider experience. Whether you're a seasoned rider looking for a second bike or a newcomer seeking an entry level machine that doesn't compromise on excitement, the **Apache RTR 160** offers a compelling package.

In this comprehensive guide, we'll dive deep into every facet of the **Apache RTR 160**—from its sleek design and robust engine to its advanced features, maintenance tips, and buying considerations. By the end of this article, you'll have a thorough understanding of what makes this bike stand out and how to decide if it's the right fit for your riding needs.

Overview of the Apache RTR 160

The **Apache RTR 160** belongs to Yamaha's "Racing Technology" (RTR) series, which focuses on delivering a racing grade feel for everyday riders. The motorcycle's name, "Apache," hints at its aggressive styling and spirited performance, while "RTR" emphasizes its roots in racing technology.

Key attributes that define the bike include:

- A lightweight chassis that promotes nimble handling.
- A liquid cooled, 155 /cc engine capable of delivering brisk acceleration.
- Modern aesthetics with sharp lines and a bold front end.
- Advanced rider aids such as ABS and traction control in newer models.

Design and Aesthetics

One of the first things riders notice about the **Apache RTR 160** is its aggressive stance. The bike's front end features a prominent chrome grille, a sleek headlight, and a large, bold "Apache" logo that commands attention. The bodywork is sculpted to reduce aerodynamic drag while maintaining a low profile that appeals to both young riders and seasoned enthusiasts.

Frame and Geometry

The bike is built on a lightweight aluminum frame that offers a balance between stiffness and flexibility. This construction helps the motorcycle maintain stability at higher speeds while still being responsive in tight corners. The seat height, typically around 790 /mm, is designed to accommodate a wide range of rider heights, making the **Apache RTR 160** approachable for beginners.

Color Schemes and Customization

Yamaha offers the **Apache RTR 160** in multiple color schemes, often featuring a combination of metallic blue, matte black, and bright orange accents. For riders who want a more personalized look, aftermarket paint jobs, body

panels, and accessories are widely available, allowing you to tailor the bike's appearance to your taste.

Engine and Performance

The heart of the **Apache RTR 160** is its 155 cc, liquid cooled, four stroke, single engine. This powerplant has evolved through the years, with each generation bringing incremental improvements in power output, torque curve, and fuel efficiency.

Power and Torque

The latest iteration of the bike produces approximately 18 /bhp at 9,000 /rpm and 14.5 /Nm of torque at 7,500 /rpm. This output is sufficient for city commuting, short intercity rides, and spirited weekend adventures. The power delivery is linear, providing a smooth throttle response that makes the bike forgiving for new riders while still satisfying experienced ones.

Transmission and Drivetrain

The **Apache RTR 160** typically comes with a 5 speed manual gearbox that offers a comfortable gear ratio spread. The final drive uses a chain, which is standard for this class of motorcycle. Chain maintenance is straightforward—regular cleaning, lubrication, and tension adjustment will keep the drivetrain running smoothly.

Fuel Efficiency and Emissions

Yamaha's commitment to efficiency is evident in the bike's fuel consumption, which averages around 55–60 km/l in mixed riding conditions. The engine's design also complies with stringent emission norms, making it an eco friendly choice for urban commuters.

Features and Technology

The **Apache RTR 160** blends classic motorcycle charm with modern technology to create a well rounded package. Below are some standout features that enhance both safety and comfort.

LED Lighting

Full LED lighting—front headlamp, tail lamp, and turn signals—provides improved visibility and a contemporary look. LED bulbs also have a longer lifespan and lower power consumption compared to traditional halogens.

ABS and Traction Control

While earlier models relied on mechanical brakes, newer versions of the **Apache RTR 160** come equipped with an Anti Lock Braking System (ABS) that prevents wheel lock-up during sudden stops. Some premium trims also feature traction control, which limits engine torque to prevent wheel spin on slippery surfaces.

Instrumentation

The digital instrument cluster displays essential data such as speed, odometer, tachometer, fuel level, and trip information. A multi function display may also show engine temperature, oil pressure, and maintenance reminders.

Comfort Features

Ergonomics play a crucial role in rider experience. The bike's seat is designed to be comfortable for moderate distances, with a slight forward lean that keeps the rider's posture relaxed. The handlebars are positioned to provide a natural grip, reducing fatigue on longer rides.

Riding Experience

One of the most compelling reasons to choose the **Apache RTR 160** is the riding experience it offers. The bike's lightweight design, responsive handling, and balanced power delivery make it a joy to ride in a variety of scenarios.

City Commute

In congested traffic, the bike's low seat height and manageable power make it easy to navigate through stop and go conditions. Its compact size allows for easy parking and maneuverability in tight city streets.

Highway Riding

On the highway, the **Apache RTR 160** demonstrates its capability to maintain stability at speeds up to 120 km/h. The engine's torque curve provides sufficient low end power for smooth acceleration out of traffic, while the ABS and traction control add an extra layer of safety.

Weekend Adventures

For weekend rides to nearby towns or scenic routes, the bike's lightweight chassis and efficient engine make it an excellent choice. The comfortable seat and responsive steering allow riders to enjoy the ride without excessive fatigue.

Maintenance and Care

Proper maintenance ensures that the **Apache RTR 160** remains reliable and safe. Below is a step by step guide to keep your motorcycle in top condition.

Regular Oil Changes

1. Check the oil level every 1,000 /km or at least once a month.
2. Use the manufacturer's recommended oil grade (typically 10W 40).
3. Replace the oil filter during each change to prevent contaminants from entering the engine.

Chain Maintenance

1. Clean the chain with a mild detergent and a soft brush.
2. Lubricate the chain with a dedicated motorcycle chain oil.
3. Check the chain tension regularly and adjust to the manufacturer's specifications.

Brake Inspection

- Inspect brake pads for wear and replace them if the thickness falls below 3 /mm.
- Check brake fluid levels and top up with the recommended type (DOT 4).
- Test the ABS system periodically to ensure it functions correctly.

Tire Care

1. Check tire pressure monthly; the recommended pressure is typically 32 /psi for the front and 35 /psi for the rear.
2. Inspect for tread wear, cuts, or punctures and replace tires when necessary.

Cooling System

Since the engine is liquid cooled, it's essential to monitor coolant levels. Flush the cooling system every 12,000 km and replace the coolant with a fresh mixture of antifreeze and distilled water.

Common Issues and Solutions

Like any motorcycle, the **Apache RTR 160** can experience certain issues. Understanding these common problems and how to address them can save time and money.

Engine Misfires

Misfires often stem from a faulty spark plug or a clogged fuel injector. Replacing the spark plug and cleaning the injector usually resolves the issue. If the problem persists, it may indicate a deeper electrical problem that requires professional diagnosis.

Brake Fade

Brake fade can occur during prolonged braking, especially on downhill rides. Ensuring that the brake fluid is at the correct level and that the ABS system is functioning can mitigate this issue. Regular maintenance of the brake pads and rotors also helps maintain optimal braking performance.

Electrical Issues

Battery drain or faulty wiring can lead to intermittent electrical problems. Checking the battery's charge, inspecting for corrosion on terminals, and ensuring that all connectors are secure can prevent many of these issues.

Buying Guide

If you're considering purchasing a new or used **Apache RTR 160**, there are several factors to weigh. Below are key points to help you make an informed decision.

New vs. Used

- New bikes come with a full warranty and the latest features, but they are more expensive.
- Used models can offer significant savings, but it's crucial to check the bike's service history and condition.

Model Generations

The **Apache RTR 160** has seen multiple generations, each improving on design, technology, and performance. For example, the latest generation includes ABS, traction control, and a more refined chassis. If you prioritize modern features, look for the newest model.

Budget Considerations

Set a realistic budget that includes not only the purchase price but also insurance, maintenance, and accessories. While the bike itself may be affordable, ongoing costs can add up.

Test Ride

Always take a test ride before purchasing. Pay attention to how the bike handles, the ergonomics, and the overall feel. A test ride can reveal hidden issues that are not apparent during a visual inspection.

Dealer Reputation

Choose a reputable dealer that offers after sales service, genuine spare parts, and a reliable warranty. A trustworthy dealer can make a significant difference in your ownership experience.

Conclusion

The **Apache RTR 160** stands out as a versatile, performance driven motorcycle that caters to a wide range of riders—from city commuters to weekend adventure seekers. Its blend of lightweight construction, responsive engine, and modern features such as ABS and traction control make it a compelling choice in the 150 cc segment. By following the maintenance tips outlined above and carefully evaluating your budget and needs, you can enjoy a reliable and thrilling riding experience for years to come. Whether you're buying new or used, the **Apache RTR 160** remains a benchmark for what a modern, entry level sports motorcycle should offer.

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