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Yamaha virago 250 maintenance manual

The Cyclepedia Press LLC has created an online service manual for the Yamaha XV250 Virago and V Star 250, featuring detailed photographs and wiring diagrams, as well as step-by-step procedures written by a veteran Yamaha technician. This comprehensive guide covers the period from 1988 to 2021, making it a valuable resource for owners of these models. The manual also includes information on maintenance, repair, and troubleshooting, ensuring that riders can keep their bikes in top condition. By subscribing to Cyclepedia.com, users gain instant access to a wealth of repair information, including guides on periodic maintenance, clutch cable adjustment, engine idle speed, and more. This manual serves as a testament to Yamaha's commitment to quality and craftsmanship, providing owners with the knowledge and skills necessary to operate and maintain their motorcycles safely and efficiently. Important safety information for motorcycle operators, including helmet use and parking guidelines. Always wear a certified helmet to reduce head injuries. Keep original equipment removal to a minimum. Key safety precautions: * Wear an approved helmet at all times * Park the motorcycle on level ground, avoiding slopes or soft surfaces * Turn off the engine when refueling * Avoid parking near open flames or ignition sources * Familiarize yourself with important labels before operating the vehicle Vehicle description and location of key components: * Headlight and steering lock * Fuel tank, battery, and fuses * Helmet holder and shock absorber assembly * Tail/brake light, rear turn signal lights, and air filter element Instruments and controls: * Clutch lever, handlebar switches, speedometer unit, and indicator lights * Brake lever, throttle grip, and shift pedal * Main switch, parking indicator lights, and high beam indicator light Safety reminders: * Set the dimmer switch to "HI" for high beam and "LO" for low beam * Use the correct fuel type, as gasohol containing methanol can damage the fuel system or cause performance issues * Ensure the fuel tank cap is properly closed and locked before starting the engine 1. Position the arrow mark on "RES" to indicate reserve fuel. 2. Position the arrow mark on "PRI" to indicate prime fuel with the fuel cock. 3. Use the starter (choke) lever for starting a cold engine. 4. The correct position of the starter (choke) lever supplies a richer air-fuel mixture. 5. To unlock the steering, open the cover and insert the key. 6. Remove the rider seat by pushing the key counterclockwise and pulling it off after removing the bolts. 7. Adjust the shock absorber assemblies by tightening the bolts on the original position of the rider seat. 8. The sidestand is located on the left side of the frame; raise it for parking. 9. Periodically check the ignition circuit cut-off system according to the given procedure. 10. If a malfunction is noted, have a Yamaha dealer check the system before riding. 11. To start the engine, push the start switch and check if it starts correctly (the neutral switch may be defective). 12. With the engine still running, move the sidestand up and keep the clutch lever pulled. 13. Check the condition of vital components, such as fluid leakage or loss of tire air pressure, which could have serious consequences. 14. Make sure that operation is smooth and check cable free play. 15. If necessary, adjust cable free play and lubricate cables and grip housing. 16. Check the operation of the ignition circuit cut-off system and sidestand switch; if defective, consult a Yamaha dealer. 17. Check fluid levels, including battery, and fill with distilled water if necessary. 18. Become thoroughly familiar with operating controls and their functions before riding. 19. Consult a Yamaha dealer for checking electrical circuits and transmission shifting procedures. 20. Follow the recommended shift points shown in the table to maintain maximum engine life. 21. Shifting into neutral at the correct shift points helps prevent overheating or damage to the transmission. Given text here When riding a motorcycle, it's essential to know when to use the throttle and brake. The ideal moment is when the motorcycle is almost completely stopped, and you need to make a quick turn or maneuver. In this situation, quickly pull the clutch lever in while the transmission is in gear. During the break-in period or under any condition that might ground the vehicle, avoid parking on slopes or soft surfaces. Doing so could result in engine overheating and potentially cause damage. If you're unsure about performing a particular maintenance task or repair, it's recommended to consult a Yamaha dealer. They are trained and equipped to handle specific services and have the necessary tools and expertise. Regular periodic maintenance is crucial for your motorcycle's performance, safety, and longevity. Here are some guidelines: * Replace gaskets as needed * Check the evaporative emission control system regularly (for California only) * Replace the oil filter if necessary * Lubricate the throttle grip housing and cable Additionally, keep track of your initial odometer readings and follow the recommended maintenance schedules: | Odometer Reading | Maintenance Interval | | --- | --- | | 600 mi/4000 km | 1 month | | 7000 mi/1000 km | 6 months | | 10000 mi/16000 km | 12 months | | 13000 mi/21000 km | 18 months | | 16000 mi/26000 km | 24 months | Consult a Yamaha dealer for any maintenance or repair tasks that require special tools and technical skills. 1. Clean the air filter element and ensure it is free from foreign matter entering the crankcase. 2. Start the engine, let it idle for several minutes, and check maintenance and lubrication charts. 3. Install bolts with Yamaha-recommended oil, such as Yamaha foam air filter oil or other quality air filter oils. 4. Leave valve clearance adjustments to a Yamaha dealer, who has professional knowledge and experience, to prevent carburetor adjustment issues. 5. Check tire pressure (measured on cold tires) between 0-90 kg (0-198 lb), with total weight not exceeding the motorcycle's capacity. 6. Maximize performance by having your vehicle serviced at a Yamaha dealership for maintenance and repairs. 7. Avoid overloading your vehicle, with tire weight not exceeding 0-90 kg (0-198 lb). 8. Adjust brake lever free play according to specifications and tighten the locknut if necessary. 9. Check brake pedal position adjusting bolt regularly and make adjustments as needed, ensuring a smooth brake operation. 10. Regularly check drive chain slack and adjust it at specified intervals. 11. Change brake fluid at regular intervals, or when the top of the brake set has worn to a certain point, to avoid brake failure. 12. Replace cotter pin from axle nut and loosen axle nut, then tighten by hand to ensure proper fitment. 13. Loosen chain puller locknut at each end of swingarm for easy drive chain adjustment. 1. Adjust brake pedal for smooth movement. Lubricate drive chain according to page 6-19. Inspect cables periodically for damage or sticking and replace if necessary. 2. Securely support motorcycle when performing maintenance to avoid accidents. 3. Use recommended lubricants: Yamaha Chain and Cable Lube, engine oil SAE 10W-30 (API SE), and Lithium-soap-based grease. Given article text here 'yamaha play' should be "Yamaha Play" the necessary tools , experience and know-how to service the motorcycle properly. Always remove the spark plugs and check the electrodes. The engine does not start. Have a Yamaha dealer check the vehicle. Check the battery. 4 . Battery The engine turns over . The battery is good. If your bike is making too much noise, it might be against the law. The government says that nobody but a mechanic can mess with the noise controls on new vehicles. If you take them off or disable them, it's not allowed, even if you're just trying to make your bike sound cooler. If there's a problem with the way your vehicle is being maintained, you might need to show proof of regular servicing. This means keeping records of all work done and parts replaced. It's like having an insurance policy for your bike. Yamaha offers extra protection through their Y.E.S. plan. If you're within the warranty period, you can get this special coverage by visiting your authorized dealer or contacting Yamaha directly. But be aware that this plan only kicks in while your bike is still under warranty. Here are some useful sections from the manual: * How to take care of your front fork * Adjusting the rear brake light switch * Cleaning the air filter element * Fuel and fuel tank maintenance * Battery checks * Reporting safety defects * Replacing fuses * Vehicle identification numbers This information is provided by Yamaha Motor Co., Ltd. and printed on recycled paper in Japan (2003).

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