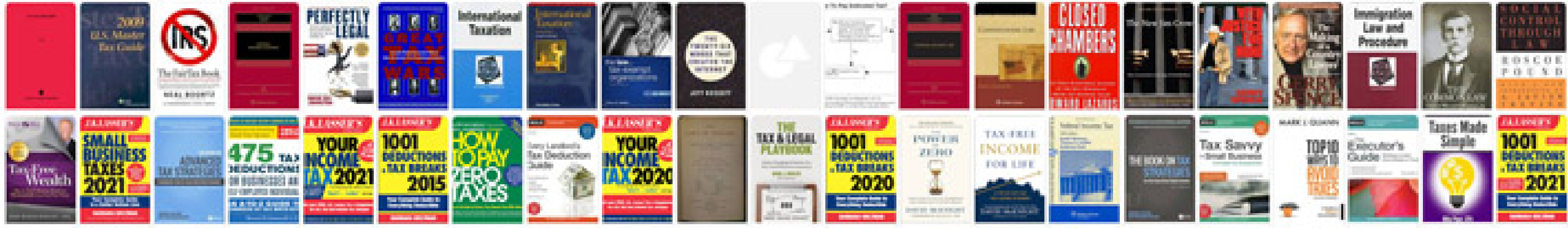

Pw50 wiring diagram

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The Yamaha PW50 is a great first motorcycle for kids. Unfortunately service often gets neglected on youth bikes until there is a problem. If you are having trouble starting your Yamaha PW50 motorcycle, having problems with a carb that now needs cleaning or adjustment we can help. Find the repair information you need for your Yamaha PW50 now â€" works with all computers and mobile devices equipped with a web browser. This manual features detailed, full-color photographs and wiring diagrams, complete specifications with step-by-step procedures performed and written by a veteran Yamaha dealer trained motorcycle technician. Steering â€" Steering. Your Cyclepedia Yamaha PW50 manual is incredible. I have fourteen grandkids that ride motorcycles and ATVs. I needed to know how to put the rings on a PW50 piston and your manual helped me get it all back together and running. I searched all over the web and finally found you in Bing â€" sure glad I did! You must be logged in to post a comment. Leave a Reply Cancel reply You must be logged in to post a comment. About Us About Cyclepedia F. Become a Reseller Want to sell Cyclepedia Manuals? Join the Cyclepedia Reseller network by becoming an online affiliate. There's no inventory to take on, nothing to ship and no customer service to deal with. We take care of everything. Learn More. Sorry, your blog cannot share posts by email. The Yamaha PW50 has a two-stroke engine and automatic transmission. Fuel induction is provided by a Mikuni VM carburetor that operates with a linkage-cable system. Sensors provide data to a capacitor discharge ignition box that interprets the inputs and provides optimum fuel and spark to the cylinder. The motorcycle has a generator unit that takes the place of typical ignition timing, limiting a tuneup to carburetor settings and sensor maintenance. Tune your Yamaha PW50 for peak performance and head for the track or the trail. Park the motorcycle on its center stand. Remove the spark plug-wire cap from the plug by hand. Loosen and remove the spark plug from the cylinder head with a spark plug wrench. Gap the spark plug to 0. Reinstall the plug tightly in the cylinder head with the plug wrench. Reattach the plug-wire cap by hand. Detach the wire lead at the fuel sensor on the right side of the cylinder head by hand. Loosen and remove the sensor with a metric wrench. Clean the inner end of the sensor with spray cleaner. Reinstall the sensor securely with the wrench. Reattach the wire lead. Detach the wire lead at the exhaust sensor at the underside of the muffler by hand. Loosen and remove the sensor with the metric wrench. Clean the inner end of the sensor with spray cleaner and reinstall the sensor securely. Take a position where you can observe the throttle linkage at the left side of the carburetor. Twist the throttle grip at the handlebars slowly as you observe the action of the linkage. Tighten the cable adjuster at the top of the carburetor with a metric wrench in small increments so the linkage responds immediately as you open the throttle. Start the engine and allow it to warm up for three minutes. Locate the smaller idle-adjustment screw and the larger fuel-air adjustment screw at the right side of the carburetor. Turn the idle-adjustment screw to the right one full turn with a screwdriver. Turn the fuel-air adjustment screw to the right or left with a screwdriver as you listen to the engine's speed. Turning it too far either way slows the engine's speed. Find the point where the engine idles at the fastest speed. Allow the engine to idle. Turn the idle-adjustment screw to the left one full turn. William Machin began work in construction at the age of 15, while still in high school. In 35 years, he's gained expertise in all phases of residential construction, retrofit and remodeling. His hobbies include horses, motorcycles, road racing and sport fishing. He studied architecture at Taft Junior College. Step 1 Park the motorcycle on its center stand. Step 2 Gap the spark plug to 0. Step 3 Detach the wire lead at the fuel sensor on the right side of the cylinder head by hand. Step 1 Take a position where you can observe the throttle linkage at the left side of the carburetor. Step 2 Tighten the cable adjuster at the top of the carburetor with a metric wrench in small increments so the linkage responds immediately as you open the throttle. Step 3 Start the engine and allow it to warm up for three minutes. Step 4 Turn the fuel-air adjustment screw to the right or left with a screwdriver as you listen to the engine's speed. Always adjust the throttle linkage before tuning the carburetor. Replace the spark plug every 50 hours to ensure the best performance. Remove and clean the carburetor every hours for maximum fuel efficiency. Spark plug wrench Spark plug gap gauge Metric wrench Spray cleaner Screwdriver. Quick Links. See also: Owner's Manual. Read this manual carefully before operating this vehicle. Il convient de lire attentivement ce manuel avant la pre-. Troubleshooting Troubleshooting 64 Troubleshooting chart Page 4 Read this manual carefully before operating this vehicle. This manual should stay with this vehicle if it is sold. Page 5 Yamaha has met these standards without reducing the performance or economy of operation of the motorcycle. To maintain these high standards, it is important that you and your Yamaha dealer pay close attention to the recommended maintenance schedules and operating instructions contained within this manual. Page 6 Your motorcycle is equipped with an adjustable speed limiter and a power reduction plate. Yamaha recommends that all be- ginners start off with the speed limiter adjusting screw turned in and the power reduction plate installed in the exhaust man- ifold to limit the power available while they learn. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death. Any reprinting or unauthorized use without the written permission of Yamaha Motor Co. Printed in Japan. They contain important information for safe and proper operation of your vehicle. Never remove any labels from your vehicle. If a label becomes difficult to read or comes off, a replacement label is available from your Yamaha dealer. For Canada You increase your risk of losing control if you carry a passenger. You can collide with another vehicle if you operate this vehicle on a public road. Never use on paved roads. Always approved Never carry passengers. Use from 6 years old. This unit contains high- Operation of this motorcycle Adjust the tire pressure. Improper tire pressure can cause loss of control. Page 22 Yamaha accessories, which are avail- idly reach dangerous levels. Spark plug page 2. Fuel cock page 3. Throttle stop screw page 4. Air filter element page 5. Kickstarter page 6. Spark arrester page 2. Seat page 3. Transmission oil filler cap page 4. Rear brake lever page 2. Starter choke lever page 3. Engine stop switch page 5. Front brake lever page 6. Throttle grip page 7. If more power is required, please consult a Yamaha dealer. To avoid fires and explosions and to reduce the risk of injury when refueling, follow these instructions. Gasohol containing methanol is not recom- 1. Fuel tank filler tube Recommended fuel: mended by Yamaha because it can 2. Use of un- EAU Fuel tank breather hose signed to use regular unleaded gaso- leaded fuel will extend spark plug life line with a research octane number of and reduce maintenance costs. Add the tank to the carburetor while filtering it al- recommended 2-stroke engine oil as necessary. Remove the mudguard by remov- ing the bolts and washers. Kickstarter Starting a cold engine requires a richer To start the engine, fold out the kick- air-fuel mixture, which is supplied by starter lever, move it down lightly with Route one end of the cable Cable lock for Europe through the rear wheel, and then Your motorcycle came with an external insert both ends of the cable into anti-theft device to help prevent unau- the lock assembly and lock it. Page For Your Safety - Pre-Operation Checks Failure to inspect or maintain the vehicle properly increases the possibility of an accident or equipment damage. Do not operate the vehicle if you find any problem. If a problem cannot be corrected by the procedures provided in this manual, have the vehicle inspected by a Yamaha dealer. Before using this vehicle, check the following points Set the engine stop switch to understand, ask your Yamaha dealer. EWA the engine with the throttle slightly 3. Completely close the throttle. Page Engine Break-In Since the engine is brand new, do not immediately have a Yamaha dealer put an excessive load on it for the first 5 check the vehicle. The various parts in the engine wear and polish themselves to the correct operating clearances. Page Periodic Maintenance And Adjustment â€" possibly leading to pending on the weather, terrain, geo- that is certified if applicable. Yamaha death. See page for more in- graphical location, and individual use, dealers are trained and equipped to Page Owner's Tool Kit If you do not have the tools or experi- ence required for a particular job, have a Yamaha dealer perform it for you. Page 46 Apply lithium-soap-based grease lightly. Shock absorber Check operation and for oil leakage. Apply Yamaha chain and cable lube or engine oil Control cables 10W lightly. Check operation. Check throttle grip free play, and adjust if necessary. Page Checking The Spark Plug If the spark plug shows a distinctly dif- ferent color, the engine could be oper- ating improperly. Do not attempt to diagnose such problems yourself. In- stead, have a Yamaha dealer check 1. Spark plug cap the vehicle. Clean the surface of the spark plug plate is required. Page Transmission Oil In order to prevent clutch slip- for oil leakage before each ride. If any page since the transmission oil leakage is found, have a Yamaha deal- also lubricates the clutch , do er check and repair the motorcycle. In not mix any chemical additives. Page Cleaning The Spark Arrester 2. Tap the tailpipe lightly, and then Recommended oil: Cleaning the spark arrester use a wire brush to remove any Yamaha foam air filter oil or other The spark arrester should be cleaned carbon deposits from the spark ar- quality foam air filter oil Page Adjusting The Carburetor Therefore, most car- checked and, if necessary, adjusted as buretor adjustments should be left to a follows at the intervals specified in the Yamaha dealer, who has the neces- periodic maintenance and lubrication sary professional knowledge and expe- chart. Tire tread depth and, if necessary, have a Yamaha deal- proper tire pressure may cause se- er adjust it. Page 54 After extensive tests, only the tires list- excessively worn tires. Operat- ed below have been approved for this ing the motorcycle with exces- model by Yamaha Motor Co. Page Panel Wheels The wheel rims should be checked for cracks, bends, warpage or Front damage before each ride. If any damage is found, have a Yamaha dealer replace the wheel. Do not 1. Front brake lever free play attempt even the smallest repair to Rear the wheel. If proper adjustment cannot be ob- tained as described, have a Yamaha Front dealer make this adjustment. Be sure to measure the brake lining at the thinnest portion. Page Checking And Lubricating The Cables The operation of all control cables and The operation of the throttle grip should which must be adjusted by a Yamaha the condition of the cables should be be checked before each ride. In addi Otherwise, smoothly. Page Checking The Steering Yamaha dealer check or re- tion chart. If there is play in the wheel ward and backward. If any free pair it. Install the brake shoe plate into the wheel hub as shown. Push down hard on the handlebar EAU Rear wheel several times to check for proper fork operation. Remove the exhaust manifold bolts, and then remove the ex- haust chamber, the power reduc- tion plate and the gasket. Muffler 1. Rear shock absorber mounting bolt 2. Washer 8. Remove the axle nut while apply- 3. Install the right-side rear shock ab- Tightening torques: sorber by installing the mounting Exhaust manifold bolt: bolt. While applying the rear brake, 18 Nm 1. Page Troubleshooting However, should your motorcycle require any repair, take it to a Yamaha dealer, whose skilled technicians have the necessary tools, experience, and know-how to service the motorcycle properly. Page Troubleshooting Chart Wipe off with a dry cloth and correct the spark plug gap, or replace the spark plug. Remove the spark plug and check the electrodes. The engine does not start. Have a Yamaha dealer check the vehicle. Rust and corrosion can develop matte colored finished parts. Touch up minor paint damage products on plastic parts. Be Since sea salt is extremely corrosive, caused by stones, etc. Page Storage Always store your motorcycle in a cool, 3. Drain the carburetor float chamber dry place and, if necessary, protect it Consult a Yamaha dealer for advice on by loo

lincoln wiring diagrams
3 way light switching wiring diagram
2000 nissan altima alternator replacement

sening the drain bolt; this will against dust with a porous cover. Be what products to use. Remove the spark plug cap from the spark plug, and then install the spark plug and the spark plug cap. To prevent damage or injury from sparking, make sure to ground the spark plug electrodes while turning the en- gine over. Whilst there is a correlation be- tween the emission and exposure lev- els, this cannot be used reliably to determine whether or not further pre- cautions are required. Page Consumer Information Record the vehicle identification num- ber and model label information in the spaces provided below for assistance when ordering spare parts from a Yamaha dealer or for reference in case the vehicle is stolen. Vehicle identification number 1. Vehicle Emission Control Information label 1. This manual is also suitable for: Pw50d Pw50d1. Print page 1 Print document 76 pages. Cancel Delete. Sign In OR. Don't have an account? Sign up! Restore password. Upload from disk. Upload from URL.