

All Balls 26-1884

All Balls Racing Carburetor Rebuild Kit Instruction Manual

Brand: All Balls | Model: 26-1884

1. PRODUCT OVERVIEW

This All Balls Racing Carburetor Rebuild Kit (Model 26-1884) is designed for specific Yamaha Enticer models and other compatible vehicles. It provides the necessary components to restore your carburetor's optimal function, addressing issues caused by fuel degradation and wear.

Key Features:

- Kit includes necessary all O-rings, gaskets, jets, needle, mixture screw, float bowl screws, float valve needle and seat. (Needle jet and other pressed in jets are not included in kit.)
- Off road use only.
- Components included in the kits are based off of US models and discretion may be used when attempting to install the kit on a non US model.
- NBR rubber material is used on all O-rings and rubber gaskets. NBR has excellent resistance to the ethanol used in today's fuels.



Image 1.1: Contents of the All Balls Racing Carburetor Rebuild Kit, showing various gaskets, O-rings, jets, and screws.

2. WHAT'S IN THE BOX

Your All Balls Racing Carburetor Rebuild Kit contains the following:

- Carburetor Rebuild Kit (includes O-rings, gaskets, jets, needle, mixture screw, float bowl screws, float valve needle and seat)



Image 2.1: The All Balls Racing Carburetor Rebuild Kit as packaged, showing the kit contents through clear plastic.

3. INSTALLATION GUIDE

This kit is intended for carburetor rebuilding. Proper installation requires mechanical knowledge and adherence to your vehicle's specific service manual for carburetor removal, disassembly, cleaning, and reassembly procedures.

1. **Disassembly:** Carefully remove the carburetor from your vehicle. Disassemble it, noting the position and orientation of all components.
2. **Cleaning:** Thoroughly clean all carburetor components, removing any gum, varnish, or debris, especially from jets and passages. Use a suitable carburetor cleaner.
3. **Component Replacement:** Replace all O-rings, gaskets, jets (if applicable and included for your specific model), needle, mixture screw, float bowl screws, and float valve needle and seat with the new parts from this kit. Ensure correct jet sizes are used as per your vehicle's specifications.
4. **Reassembly:** Reassemble the carburetor, ensuring all components are correctly seated and tightened to the manufacturer's specifications.
5. **Installation:** Reinstall the rebuilt carburetor onto your vehicle.
6. **Adjustment:** Perform necessary adjustments such as idle speed and mixture screw settings as outlined in your vehicle's service manual to ensure proper operation.

Important Note: Components included in this kit are based on US models. Discretion may be necessary when installing on non-US models.

Your browser does not support the video tag.

Video 3.1: An informational video from All Balls Racing discussing carburetor repair kits and common issues related to ethanol fuels. This video provides a general overview of why carburetor rebuilds are necessary and the components typically found in their kits.

4. OPERATING CONSIDERATIONS

A properly rebuilt carburetor ensures optimal air-fuel mixture delivery to the engine, leading to efficient performance. Modern fuels, particularly those containing ethanol, can negatively impact carburetor components over time. Ethanol-blended fuels are prone to gumming up carburetor bowls and jets, and can dry out rubber parts when a vehicle sits unused for even a short period. This kit's NBR rubber components offer excellent resistance to ethanol.

5. MAINTENANCE

To prolong the life of your rebuilt carburetor and ensure continued peak performance:

- **Fuel Management:** If your vehicle will be stored for an extended period, consider draining the fuel from the carburetor bowl or using a fuel stabilizer specifically designed for ethanol-blended fuels.
- **Regular Inspection:** Periodically inspect fuel lines and carburetor components for signs of wear, cracking, or fuel leaks.
- **Air Filter:** Ensure your air filter is clean and properly maintained to prevent contaminants from entering the carburetor.

6. TROUBLESHOOTING

Symptom	Possible Cause	Solution
Engine only runs with choke on	Clogged pilot jet or lean fuel mixture.	Clean pilot jet, inspect mixture screw setting, ensure no vacuum leaks.
Poor performance across RPM range	Incorrect main jet, clogged jets, or improper float level.	Verify main jet size, clean all jets, adjust float level according to service manual.

Symptom	Possible Cause	Solution
Fuel leaks from carburetor	Damaged O-rings/gaskets, improperly seated float valve, or loose screws.	Re-check all O-rings and gaskets for proper seating, inspect float valve, tighten float bowl screws.

For persistent issues, consult a qualified mechanic or your vehicle's specific service manual.

7. SPECIFICATIONS

Attribute	Detail
Brand	All Balls
Model	26-1884
Vehicle Service Type	All Terrain Vehicle
Exterior Finish	Machined
OEM Part Number	Yamaha Enticer 340T 1985 1986 1987 1988
UPC	723980443444
Item Weight	1.06 ounces
Product Dimensions	6 x 4 x 1.5 inches
Date First Available	June 18, 2018

8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or additional inquiries, please visit the official All Balls Racing website or contact their customer service department. Always refer to your vehicle's specific service manual for detailed repair procedures.

You can also visit the [All Balls Store on Amazon](#) for more products and information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question