



**YAMAHA - RINALDI R&D**

*FOR CLOSED-CIRCUIT USE ONLY*



**Racing Parts 2014 - YZ Series**  
[www.yamaha-racingparts.com](http://www.yamaha-racingparts.com)



## 2014 YRRD - YZ250F KIT (4-stroke)



Piston assy	New piston type, lighter weight compared to standard. Special high compression forged single ring piston developed by YRRD.
ECU	New type with YRRD mapping, providing optimum ignition characteristics for best engine performance. REV limiter positioned + 500 rpm compared to production. (bracket and rubber band included)
Cylinder head assy	New modified YZ 250F cylinder head to increase overall YRRD kit engine performance. Developed on flow bench and track to ensure GP racing top performance. Including:
Intake lifter	Bigger diameter lifter compared to production, for higher intake cam lift.
Retainer, intake spring	Special retainer.
Retainer, exhaust spring	Special retainer.
Seat, intake spring	Different thickness compared to production.
Seat, exhaust spring	Different thickness compared to production.
Intake camshaft assy	New YRRD type – Highly efficient camshaft with higher lift, different profile and timing compared to standard.
Cylinder gasket	YRRD cylinder gasket with different thickness than production.
Radiator Cap	Higher pressure radiator cap (up to max. 2.0 bar).
Crankcase Cover, 1	Machined crankcase ignition cover, in aluminum material, for higher rigidity and factory appearance.
Kit Manual	Instructions for correct installment of the YRRD kit.

### Optional

Connecting Rod	Special connecting rod, lighter and stronger compared to production type. Made from high quality steel material, same length as production version.
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### Important note on Exhaust Pipe system

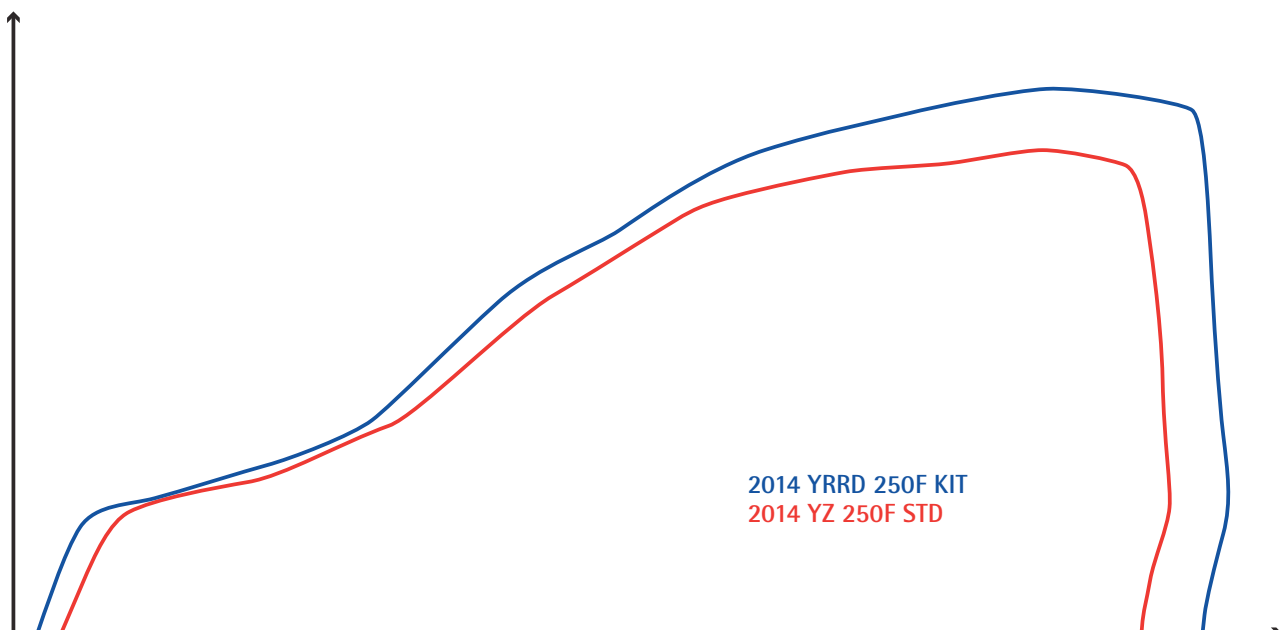
The 2014 YRRD 250F kit is not offered with the exhaust pipe system included in the package. All tests on dyno bench and track have been carried out with an Akrapovic system and therefore we strongly recommend to use following Akrapovic products - available at official Yamaha dealers throughout Europe - to reach the best performance and reliability:

Titanium silencer	907983180600
Titanium header	907983180800

[www.akrapovic-exhaust.com](http://www.akrapovic-exhaust.com)



## YZ250F KIT - Power Curve (indication)



## 2014 YRRD - YZ125 KIT (2-stroke)



Cylinder Head	Special type for better performance and better cooling. Sand casting type.
Piston assy	Special piston developed by YRRD.
CDI unit	Providing optimum ignition characteristics for best engine performance.
Rotor assy	Additional magneto rotor, with higher inertia than with the standard YZ125.
Exhaust pipe	Special pipe specifically made for YRRD kit engine.
Reed valve	Carbon fiber for better response and durability. Biaxial type.
Silencer	Special silencer made of Titanium for long durability and light weight.
Carburetor setting parts	Kit includes all parts for optimum setting of standard Mikuni YZ125 carburetor.
Kit manual	Instructions for correct installment of the YRRD kit.

### Optional

Cylinder + YPVS	A modified production cylinder, based upon YZ125 2014 model, for substantial overall engine performance increase.
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## 2014 YRRD - YZ450F HC KIT



- 1 Master Cylinder comp.
- 2 Hose kit
- 3 Banjo
- 4 Engine Pump
- 5 Engine Pump Seal kit
- 6 Engine Pump Ring Nut kit
- 7 Push Lever kit
- 8 Dirt Stopper
- 9 Engine Pump Cover
- 10 Engine Pump Fitting Bolt set

New kit for the 2014 YZ450F model, as used in GP by factory riders and others. Improves functioning of the clutch and especially the clutch plates' durability. Automatically adjusts the clutch free play, avoiding the rider having to do it manually.

(Note: The master cylinder comp. part is different compared to the 2013 model year because of the new clutch lever ratio. The master cylinder itself is same.)



**Yamaha Racing Parts for YZ Series**  
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## YRRD Racing Parts for the YZ450F, YZ250F and YZ125

Yamaha Racing R&D (YRRD) is the specialist supplier of official racing parts for Yamaha motocross machinery, formed in the early 1990s when Yamaha Motor Europe (YME) joined forces with former World Motocross Champion Michele Rinaldi. In the intense heat of World Championship competition, YRRD kit parts have been playing a crucial role in Yamaha's many motocross successes over the years.

YRRD parts are developed by a team of expert racing engineers. Each year the racing kits are carefully adapted to the latest YZ model line up using the experience from teams and riders racing from national level to Grand Prix. The components focus on engine performance and are being fully tested and evaluated by Yamaha's testing and factory riders.

For 2014 an impressive new racing kit has been developed for the complete NEW YZ250F model, whereas for the NEW YZ450F an Hydraulic Clutch is available. As shown again last year in the European and national championships, the 2-stroke YZ125 remains one of the top models in the class. A YRRD 125 kit is available to further improve the engine output.

### YRRD Conditions:

Final 2014 specification parts may differ in appearance from those shown. YRRD Racing Parts are made in accordance with FIM technical race regulations and are NOT street legal. At all times check the technical regulations of the class entered to ensure conformity. All YRRD Racing Parts may be used only on a closed circuit by experienced riders. Specifications are subject to change without notice and YRRD Racing Parts are sold without warranty.

YRRD has a continuous development and reserves the right to change / improve any part. YRRD parts are developed and tested to give engine performance benefits when used as a set. When not used as a set the performance or reliability may differ from the level as tested and intended by YRRD. The kits are made for unleaded fuel only. Fuel recommended is premium unleaded with 98 RON or higher.

### How to order your YRRD Racing Parts:

YRRD Racing Parts are sold via the official Yamaha distributor network, and full information on ordering and pricing can be obtained from your official Yamaha (off road) dealer or national distributor.

The deadline for placing initial orders with a guaranteed acceptance is February 7th, 2014 with a projected delivery of early/ mid February for the 125 kit and mid/end February 2014 for the 250F kit and 450F Hydraulic Clutch. Orders received after the deadline are welcome and may still be accepted depending on availability.

For full information on YRRD Racing Parts kits please visit our website [www.yamaha-racingparts.com](http://www.yamaha-racingparts.com), where you can also subscribe to our YRRD mailing list. For further information on specifications and availability please contact your local Yamaha dealer or national distributor shown below.

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\* Contact person for (technical) questions \*\* Contact person for ordering