

Yamaha 5.3L V8 OFFSHORE
ECU Flashing Instructions



READ BEFORE INSTALLING FLASH

WARNING!

Nizpro Marine products have been designed & calibrated to run on USA 89 Octane GAS (Australia 98 Octane Fuel) or above.

Failure to run the recommended fuel will void all warranty and lead to severe damage of powerhead components.

Important Information

Installing the ECU flash indicates your acceptance of the responsibility and liability associated with the fitment and use of this product.

Please ensure the owner and drivers of the vessel are aware of their responsibilities and liabilities as indicated below.

Thank you for purchasing this ECU flash which has been designed and calibrated with pride.

The owner and drivers of the enhanced vessel must be aware that fitment of an ECU flash may affect:

- The vessel's factory warranty.
- Insurance cover and associated liabilities.
- Compatibility with emission and seaworthy certification.
- The validity of a boat license for a vessel.
- The handling capability of the vessel due to increased engine power & torque characteristics.
- The longevity of the engine.
- **We recommend the vehicle use premium unleaded fuel only USA pump octane 91 (98 RON).**

It is the owner's/driver's responsibility to accept any consequences and liabilities of using the ECU flash and any subsequent effect it may have.

Nizpro Marine shall not be liable and shall be 'Held Harmless' for any direct and/or indirect/consequential losses, costs, damages, expenses, injuries or liabilities whatsoever incurred by the owner/driver of the vessel or other parties arising from this ECU flash, its installation and/or its operation. It is recommended that engines have completed at least 10 hours and have been driven, serviced and maintained in accordance with the engine manufacturer's handbook.

An engine should be deemed reliable and have delivered all reasonable expectations in line with the engine manufacturer's specifications prior to fitting an ECU flash.

No warranty shall apply where Nizpro Marine have determined improper fitment or handling, misuse in operation, neglect, or accident damage. Engine modifications made prior to or in conjunction with the ECU flash fitment may invalidate the Nizpro Marine limited warranty.

Any warranty claims must be made immediately & directly in writing to Nizpro Marine so that a determination can be made promptly. Involvement of a third party or an attempt to repair a perceived/actual fault may invalidate the warranty. To the extent of the law, the determination on any warranty claim & associated costs will be at the sole discretion of Nizpro marine.

By installing the ECU flash you acknowledge that all conditions pertaining to this product and its operation have been read, understood and accepted.

Yamaha 5.3L V8 OFFSHORE ECU Flashing Instructions

Congratulations on the purchase of your Nizpro Marine performance product!

To ensure no delays between the install of your supercharger system and getting back out on the water, we recommend you setup your Woolich Racing account prior to the delivery of your supercharger system.

Create your Woolich Racing customer account by following the link below:

www.woolichracing.com/CustomerAccount/CreateAccount.aspx

Once you have created and activated your account –

Email sales@nizpromarine.com with the following Woolich Racing account details:

- Customer name
- Email Address used for login
- Engine model: Offshore/SHO

Once you have been notified of your account verification, please download and install the Woolich Racing software from www.woolichracing.com/tuned/.

You are now ready to install your Nizpro Marine 450s Yamaha supercharger system/s when they arrive.

Yamaha 5.3L V8 OFFSHORE ECU Flashing Instructions

Read these instructions entirely and thoroughly before commencing install

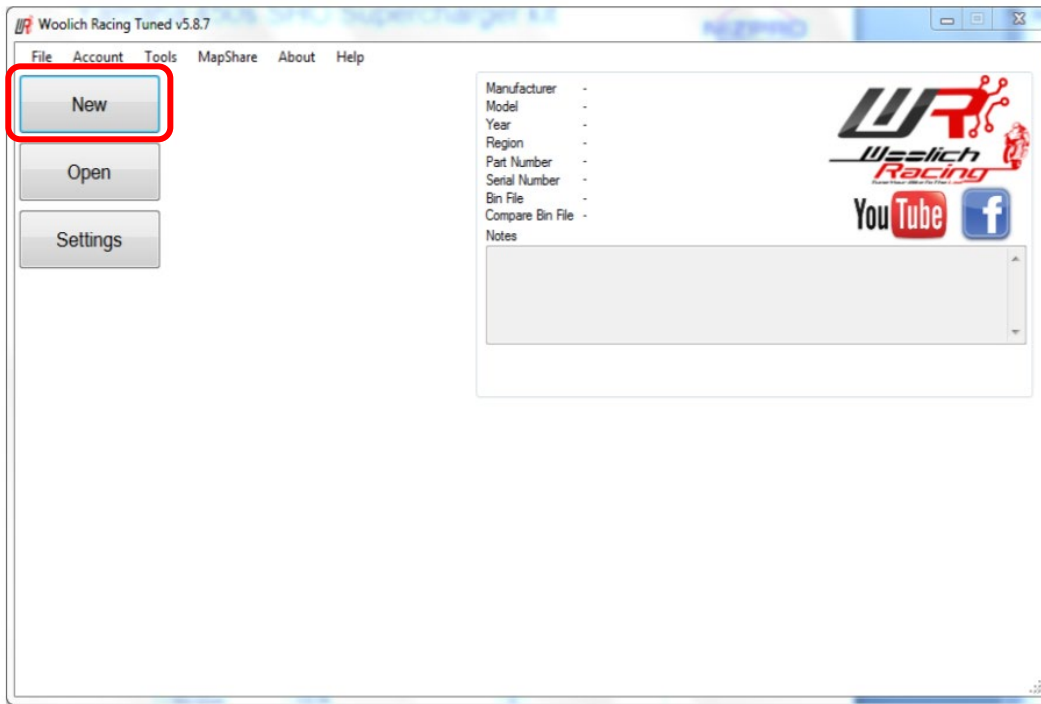
1. You must have a stable Internet connection whilst carrying out the ECU flashing procedure.
2. Disconnect battery circuit from engine.
Failure to disconnect the battery, will result in having to use Yamaha Diagnostic System to “re-marry” the ECU to the ignition control module*
3. Remove engine cowl
4. Remove ECU cover. Disconnect & remove the ECU
5. Open your computer - Open the **Woolich Racing App** previously installed. See “Woolich Account Set-up”
6. Connect the USB-Mv3 device to your computer using the micro USB cable provided. Once plugged in the USB drivers will be installed automatically.
7. Move the switch on the USB-M v3 to the left position for one minute



8. Then move the switch to the right position for one minute.



9. Open the Woolich Racing Tuned software and then click on the “NEW” button.



10. Select “Yamaha” and then select “**Outboard F350 V8 Nizpro**”

Model Selector

Manufacturer: Ducati Honda Kawasaki Suzuki Yamaha	Model: FJ-09 FZ-07 FZ-09 FZ1 FZ-10 MT-01 MT-03 MT-07 MT-07 Tracer MT-09 MT-09 SP MT-09 Tracer MT-09 Tracer GT MT-10 MT-10 SP Niken Outboard F350 V8 Nizpro Outboard F350 V8 Stock Outboard Offshore Nizpro Outboard Offshore Stock Outboard VMAX SHO Nizpro	Year: 2008-2018	ECU Part Number: 6AW-21 F350 425HP 6AW-50 F350 425HP 6BJ-10 F300 425HP	Harnesses: Harness
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[Which ECU Part Number should I choose?](#)

Manufacturer: Yamaha Model: Outboard F350 V8 Nizpro Year: 2008-2018 Part Number: 6AW-21 F350 425HP Serial Number: HAH204 Region: All Regions	Keys (Used/Total) Race Tools Keys 0/0 Launch Control Keys 0/0 Quickshifter Keys 0/0 Pit Speed Limiter Keys 0/0	New Download Purchase
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Bin File Definition Keys

Total Number of Keys 17
Number of Keys Used 17
Number of Keys Remaining 0 **Purchase**

Allocation Date	Part Number	Computer	Writes
31 Oct 2018	NIZPRO-425HP	DESKTOP-QNPLD6T	1
31 Oct 2018	NIZPRO-425HP	DESKTOP-QNPLD6T	5
15 Apr 2019	NIZPRO-425HP	DESKTOP-QNPLD6T	1
15 Apr 2019	NIZPRO-425HP	DESKTOP-QNPLD6T	1

11. Select the year model of the engine you wish to flash and then select your ECU from the list
12. Click the "NEW" button in the bottom right corner.
13. Plug the supplied ECU flashing harness into the USB-M v3 and then select the ECU you wish to flash.
Connect the jumper leads to a well charged 12v battery or a 12v constant power supply. Red to positive terminal, black to negative terminal

*Please note Offshore and SHO ECU flashing harnesses are model specific and cannot be interchanged, Attempting to do so may result in damage to the connection pins of the ECU
14. Click the "WRITE ECU" button, Read the warnings and check the items listed on screen and then click "OK".
The flashing procedure will now commence and will take approximately 5 Minutes to flash the ECU with the new program.
15. *If the ECU you are trying to program is not in the Woolich racing database, you will be prompted to read the ECU so we can add the factory ECU file into our database. Simply follow the prompts and then click "WRITE ECU" again.*
16. **Once the flashing procedure is complete, disconnect the ECU from the flashing device** and close the Woolich Racing software.
17. Refit ECU to the engine and reconnect all wiring plugs
18. Reconnect battery cable.

Congratulations, you have now successfully Nizpro'd your Yamaha outboard engine.

Thank you for choosing a Nizpro Marine performance product.

If you are happy with the upgrade in performance, please leave a review on our Facebook page.

If you are unhappy with the product, we would love to hear your thoughts.

Please send an email to sales@nizpromarine.com.

Support

- Please read the instructions in full before you commence installation
- If you do encounter a problem
 - Reread the instructions – one missed step can stop you from being able to flash your ECU
 - Still stuck?

Email – photos or screen shots always are a help to see what you are seeing

✓ **Email** sales@nizpromarine.com

✓ **Phone** +613 9738 2134

🕒 8am – 5pm - Mon – Fri

🕒 Current time in Melbourne <https://www.timeanddate.com/worldclock/australia/melbourne>

✗ Please **do not** use FB Messenger or DM for technical support – we are not able to help you properly over these platforms