

KAYAK BUDDYS PRODUCT CATALOG

VOL. 1 | 2021 ISSUE



LIGHTWEIGHT OUTBOARD PROPULSION
SYSTEMS AND ACCESSORIES

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Our company is dedicated to building small, lightweight, and dependable outboards for the kayak and small watercraft community. The outboards are available from 35cc (1.3 hp) to 50cc (2.0 hp) engine sizes and only weigh 23lbs with fuel.

These air-cooled outboards make exceptional small motors for many styles of watercraft. Clients in the kayak fishing, paddling, sailing, hunting, boat safety, and firefighting communities have used these small dependable air-cooled setups to take propulsion to a whole other level. These setups can be stored in small spaces and require a fraction of the maintenance of a traditional outboard. Air-cooled, no impellers, and no worries of your battery adding unneeded weight and cumbersome wiring to the fun.

KAYAK BUDDYS is dedicated to custom engine and propulsion configurations. If you have a special requirement, inquire, we can help with the install if you are local or simply point you in the right direction for customization.

One of my personal fishing machines is a Nucanoe Pursuit. I have trialed our line of engine types and accessories on this kayak. Due to it's width, weight, and hull design, it gives a real world perspective on performance.



ABOUT THE COMPANY

As an avid fishermen who likes the solitude of kayaking, I would always find myself spending many hours paddling, float fishing, and just simply enjoying the outdoors.

So in 2016, my company was formed and we began to power kayaks and small watercraft using what was on the market at the time. Having used old 2-stroke outboards from the 80's, there had to be a better way to move the craft efficiently and maintain dependability. This is where the prototyping began. Seeing all of the faults of the systems that were on the market, my company took the challenge and began to develop custom parts to make the experience of lightweight propulsion a reality. At the beginning like every company, there was no help and little knowledge to make this a reality for the average person who wants lightweight power in a small package. We went through many examples of mounts and powerhead experimentation to get where we are at today, but now we can honestly say that there are not too many kayaks and small water craft that we can not power.

Today we proudly have built well over 1000 systems and currently are in development with hybrid drives and other custom models for the pedal drive community. KAYAK BUDDYS is always moving forward in their philosophy of improving and being the leader in the small outboard industry.



ENGINE DRIVES

We refer to the bare drive system with no powerhead as a "leg". Traditionally there was never any upgrade options on these systems, so by figuring out what works and what does not over the last 4 years, we have developed three versions of the robust drive system. These systems are centrifugally driven and fully aircooled. These are direct drive with a clutch housing connector and no gearbox to engage. This allows you to bolt up your choice of the power. The options are extensive. The differences are found below.

STANDARD LEG (BASIC - FRESHWATER USAGE)

This is the basic version in which the client completes all of the build using the original factory system. These come with the following:

1. Standard twist shifter and dead-man kill switch.
2. 3-blade cast aluminum prop.
3. All gear oil and driveshaft greasing along with component alignments need to be completed by the customer.
4. No powerhead.
5. Stainless fittings.
6. Completely adjustable tiller arm and brackets.

UPGRADED LEG (BUILT - ALL ENVIRONMENTS)

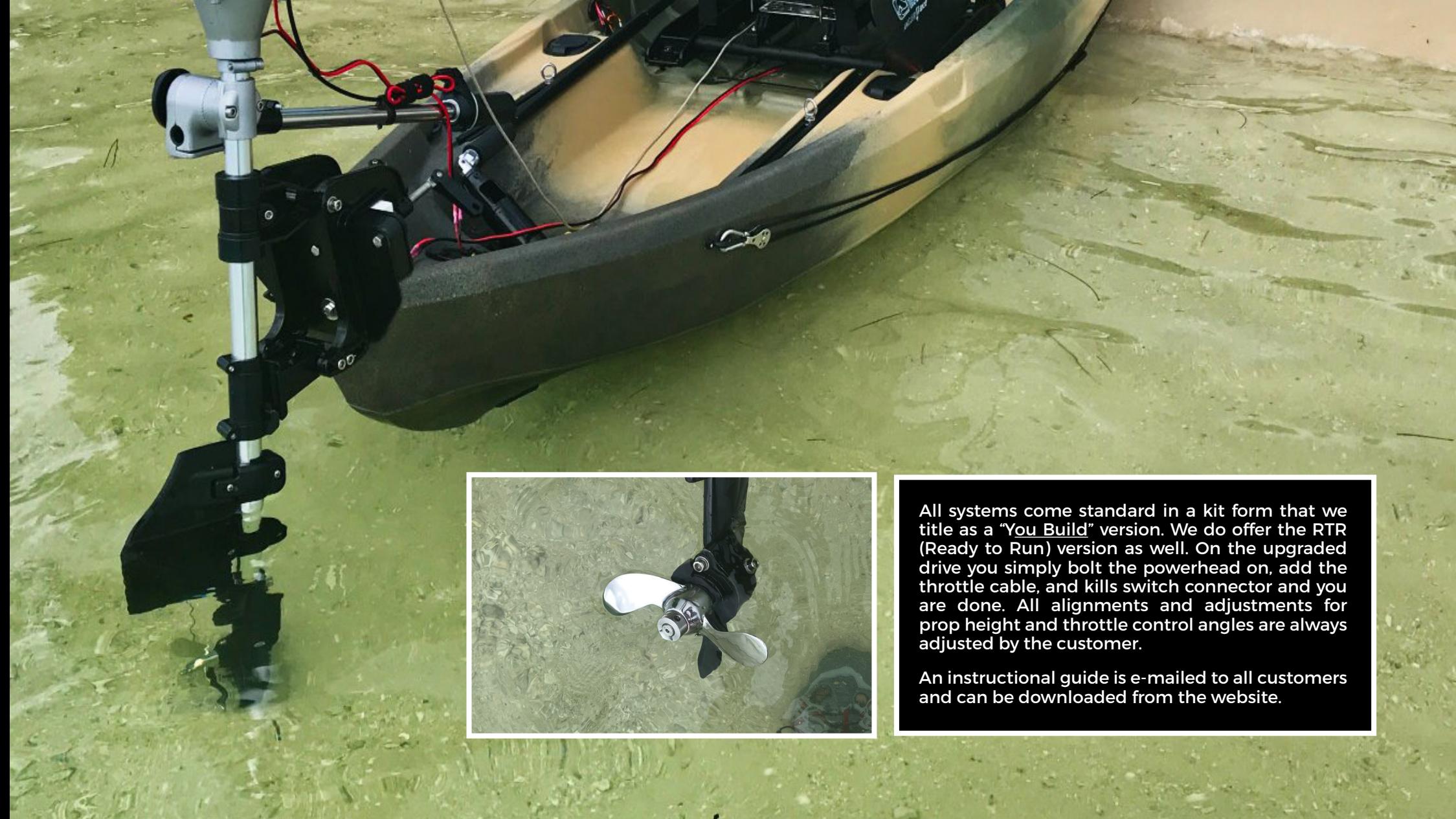
This is the fully built version with all upgraded parts needed to hold up to the outdoor elements and can be used in fresh and salt water environments. These come with the following:

1. Shimano 5-6 speed twist shifter with a stainless cable and waterproof connector to be used with a remote and/or standard dead-man kill switch.
2. 2-blade cast aluminum or stainless prop.
3. All gear oil and driveshaft greasing along with component alignments are completed for the customer.
4. No powerhead.
5. Stainless fittings.
6. Completely adjustable tiller arm and brackets.

READY TO RUN SYSTEMS

These systems are fully built, with the chosen powerhead installed. The customer only adds oil and gas.

[CLICK HERE FOR WEBSITE](#)



All systems come standard in a kit form that we title as a **"You Build"** version. We do offer the RTR (Ready to Run) version as well. On the upgraded drive you simply bolt the powerhead on, add the throttle cable, and kill switch connector and you are done. All alignments and adjustments for prop height and throttle control angles are always adjusted by the customer.

An instructional guide is e-mailed to all customers and can be downloaded from the website.



DROP-IN HOBIE DRIVE SYSTEMS

We have had many customers ask for a pod or drop-in version that replaces the pedal drive, so we created a smaller drive version that can fit multiple powerheads and mounts, while being stowed in a hatch when not in use. There are 2 versions of this cut down version that only differs by the mount style. The gearbox is the only part that exits the drive well with the FPV mount these can be pinned straight, so the rudder is your main turning mechanism. The gearbox protrudes about 8 inches from the bottom of the hull. With the FPV mount you get better adjustability of the vertical height.

VERSION 1: FACTORY CASSETTE MOD

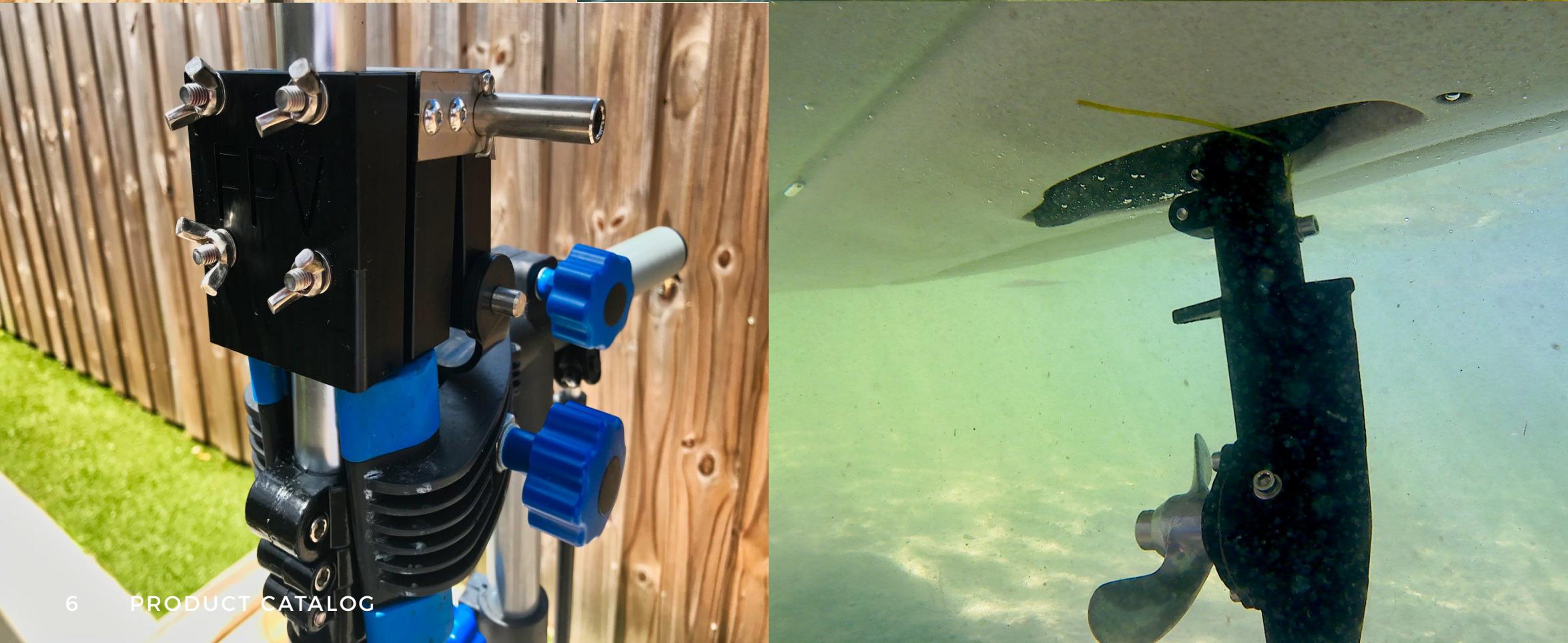
VERSION 2: FPV MOUNT

This drive version is fully built with all upgraded parts needed to hold up to the outdoor elements and can be used in fresh and salt water environments. These come with the following:

1. Shimano 5-6 speed twist shifter with stainless cable and waterproof connector to be used with a remote and/or standard dead-man kill switch.
2. 2-blade cast aluminum or stainless prop.
3. All gear oil and drive shaft greasing along with component alignments and mount installation (if an FPV mount was purchased) is completed for the customer.
4. No powerhead is included, unless purchased.
5. Stainless fittings.

These come in either a build kit version that will come with a powerhead of choice or a RTR (Ready to Run) version depending on the customers needs. We try to offer different options and price points.

[CLICK HERE FOR WEBSITE](#)



POWERHEADS

As our company has grown over the last 3 years, we have tried a multitude of powerheads on our drives. From clones to off-brand engines, we have eliminated all of the guess work when it comes to engine selections. Most manufacturers outside of Honda cut corners on fit and finish, so we strictly carry Honda mini-4-stroke commercial grade engines in the 35-50cc range. We have built all of our knowledge around our Honda line. These engines have a great powerband and RPM range in a small package. Durability and longevity is our focus on all of systems. Honda has refined all of their engines and the commercial grade clutches available are the best in the business. There many versions in the GX series with subtle differences that make a difference on the life of the engine.



50CC
2.0 HP



35CC
1.3 HP

[CLICK HERE FOR WEBSITE](#)



STABILIZERS AND MOUNTS

You've come to the right place if you are looking for a kayak stabilizer or kayak outrigger because you need some extra security to prevent tipping while on the water. There's no shame in admitting that! SPRING CREEK kayak stabilizers offered by KAYAK BUDDYS has it all. These Kayak Outriggers are made in USA and come with a 5-year warranty.

The floats weigh 4 lbs and offsets 25 lbs each and the universal receiver weighs between 7-8.5lbs depending on the size.

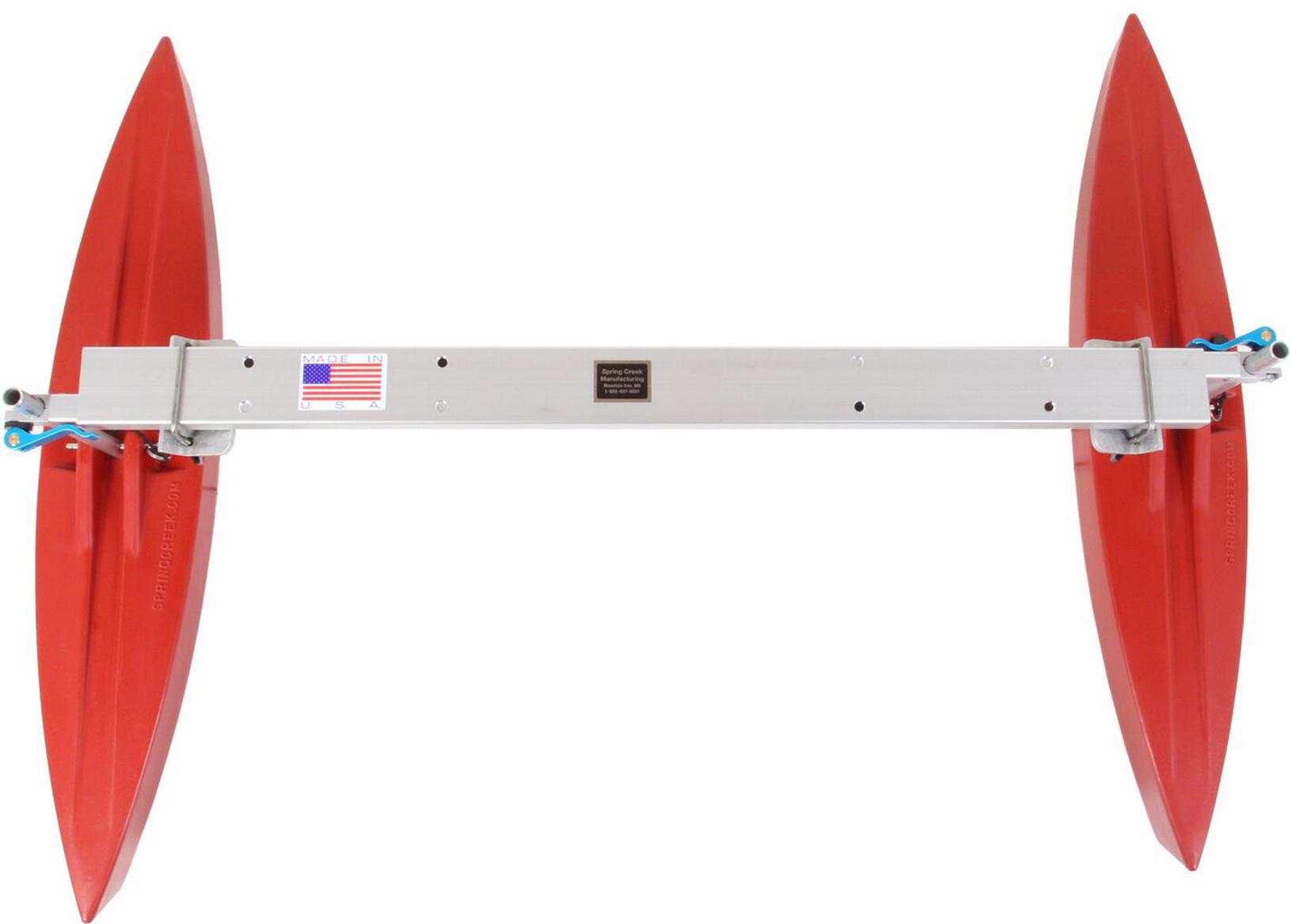
Each [Kayak Stabilizer Package](#) comes with 1 Universal Receiver, 2 Kayak Stabilizer Floats, 2 Telescoping Arms, and 1 set of Clamps.

Universal Receiver Sizing

The Universal Receiver is made in different lengths to fit all canoes and kayaks. Standard sizes are 30, 36, 40 and 45 inches. To size your kayak for a UR, first, measure your kayak at its widest point. Measuring the widest point gives you the option to place the UR anywhere on your kayak that is comfortable. Sit-in kayaks can mount both on the rear deck, top side gunnel, and behind paddler. Some people have mounted these stabilizers in the front, out of the way of the paddler. The stabilizer arms have 3 positions with a maximum adjustment of 20 inches from the receiver.

A [Motor Mount](#) is available and connects to the main universal receiver and will accommodate up to a 2.5 hp outboard while offsetting the dry weight of the engine.

[Click Here for Website](#)



CUSTOMIZATION

Carts and Wheel Sets

Want to roll your kayak instead of carrying it - you're in the right spot. Our 12 and 16 inch wheels easily slide into our Sprink Creek universal receiver and quickly turn a kayak stabilizer package into a portage wheel package.

Trim and Tilt

For people already running 12V depth finders, lights, etc, this is a plug and play option for the most part. We have developed a simple actuator based trim and tilt example that works utilizing a 1.5 inch u-bolt with 1/4 in. threads, a 28 mm ID plastic driveshaft insert, and a little wiring for the battery leads. Keeping it simple works.

A new aluminum shackle and 3D printed drive tube collar to connect the actuator is complete and waiting for fabricator to send the test version. Coming soon....

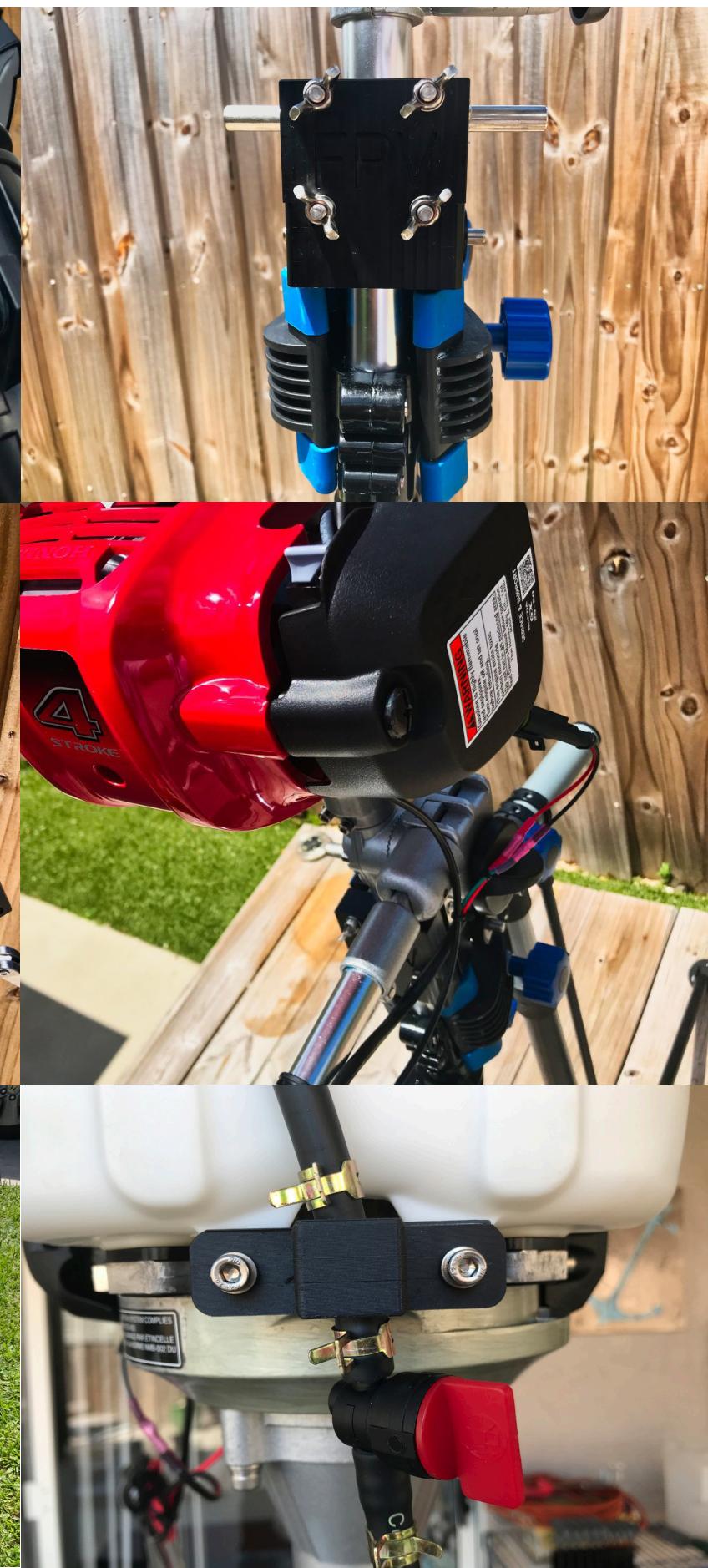
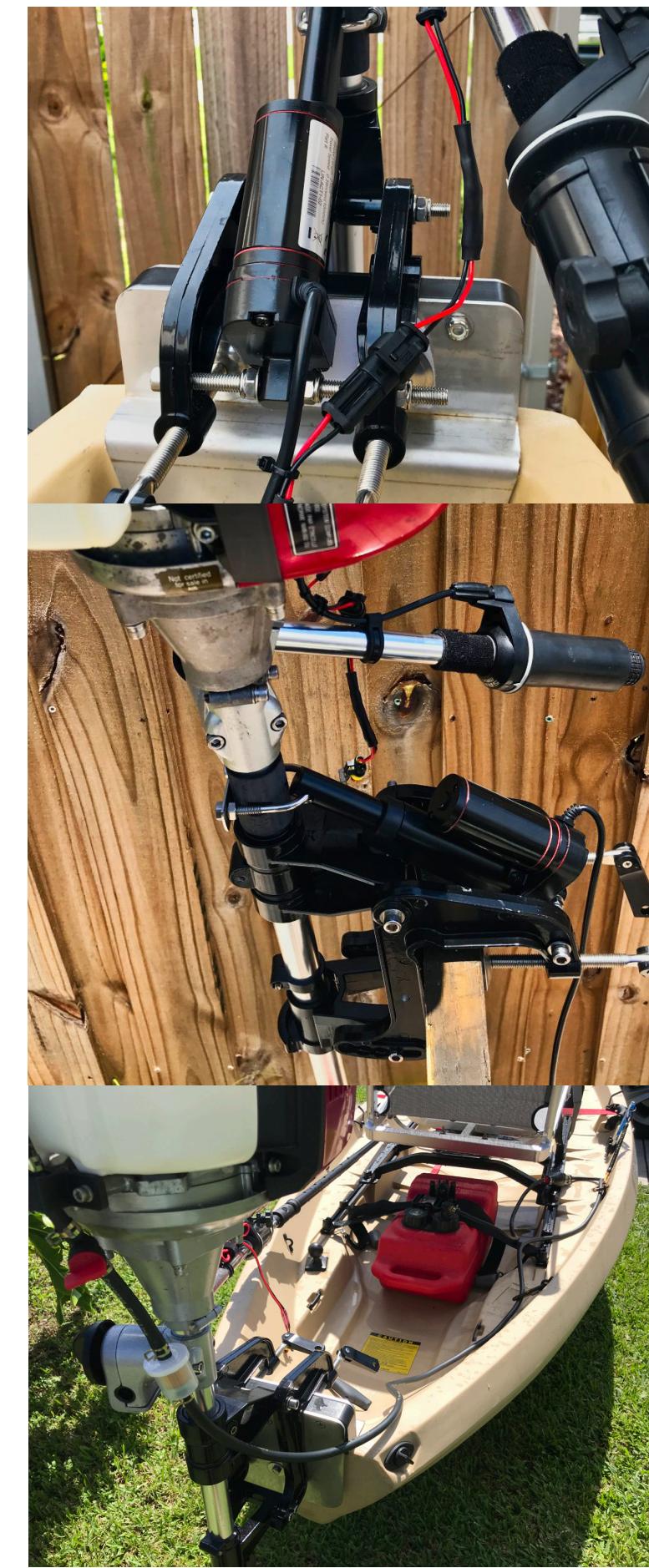
FPV-Power Hobie Mount

This mount is a drop in solution which locks into the Mirage drive well for those wanting to mount an electric motor or gas on their Hobie Kayak. Our FPV-POWER Hobie Motor Mount comes kitted out with stainless steel hardware and uses a two part breakaway design to minimize damage to both the motor and kayak in the case of hitting an underwater obstacle.

External Gas Tank Fittings Kit

This is for all of the people that wanted longer range and the ability to squeeze a ball to fill the tank remotely. You now have a kit with provided rear bracket to run the fuel line to your tank.

[Click here for Website](#)



ENGINE LEGS (NO ENGINES)

1. Kayak Engine Leg (Standard) * Customer Supplies Engine - You Build Version
2. (Aluminum Prop) Kayak Engine Leg (Upgraded) * Customer Supplies Engine
3. (Stainless Prop) Kayak Engine Leg (Upgraded) * Customer Supplies Engine
4. (Aluminum Prop) Complete Hobie Drop-in Drive System with Upgraded Components (Built)
(Owner must provide their own cassette and drill the holes required for the install).
- 5.(Stainless Prop) Complete Hobie Drop-in Drive System with Upgraded Components (Built)
(Owner must provide their own cassette and drill the holes required for the install).

COMPLETE ENGINE SYSTEMS

6. 4 Stroke Honda 35cc GX Series Engine Kit with Standard Leg - You Build Version
7. (Aluminum Prop) 4 Stroke Honda 35cc GX Series Engine Kit with Upgraded Leg - You Build Version
- 8.(Stainless Prop) 4 Stroke Honda 35cc GX Series Engine Kit with Upgraded Leg - You Build Version
9. 4 Stroke Honda 50cc GX Series Engine Kit with Standard Leg - You Build Version
10. (Aluminum Prop) 4 Stroke Honda 50cc GX Series Engine Kit with Upgraded Leg - You Build Version
11. (Stainless Prop) 4 Stroke Honda 50cc GX Series Engine Kit with Upgraded Leg - You Build Version

READY TO RUN SYSTEMS

12. (Aluminum Prop) 4 Stroke Honda 50cc GX Series Engine with Upgraded Leg
*Fully built just add oil and gas and make your height adjustments for your mount.
13. (Stainless Prop) 4 Stroke Honda 50cc GX Series Engine with Upgraded Leg
*Fully built just add oil and gas and make your height adjustments for your mount

HOBIE DROP-IN

- 14.(Aluminum Prop) Complete Hobie Drop-in Drive System with Upgraded Components (Built) and Powered by a 4 Stroke Honda 35cc GX Series Engine - (Owner must provide their own cassette and drill the holes required for the install or purchase the FPV-Power mount).
15. (Aluminum Prop) Complete Hobie Drop-in Drive System with Upgraded Components (Built) and Powered by a 4 Stroke Honda 50cc GX Series Engine - (Owner must provide their own cassette and drill the holes required for the install or purchase the FPV-Power mount).
16. (Stainless Prop) Complete Hobie Drop-in Drive System with Upgraded Components (Built) and Powered by a 4 Stroke Honda 50cc GX Series Engine - (Owner must provide their own cassette and drill the holes required for the install or purchase the FPV-Power mount).

READY TO RUN SYSTEMS

17. (Stainless Prop) Complete Hobie Drop-in Drive System with Upgraded Components and Powered by a 4 Stroke Honda 50cc GX Series Engine and Includes the FPV-Power Mount Installed.
*Fully built just add oil and gas.

ACCESSORIES

- Original 3 Blade Propeller - Aluminum
Complete Twist Throttle Replacement with No Kill Switch
Upgraded Shimano Twist Throttle Shifter with Jagwire Cable Sheath, Stainless Throttle Cable, and Billet Connector
Kill Switch Cover and Lanyard
Replacement Engine Bracket - (No Collars)
Replacement Tiller Arm Clamp Complete with Knob and Bolts
Replacement Clutch Housing
*NEW: Foldable Engine Stand (Limited Quantities)

PROPS

- Upgraded Cast Aluminum 2 Blade Prop with Stainless Attachment Collar and Shear Pins
*NEW: Stainless 2 Blade Prop with Stainless Attachment Collar and Shear Pins

EXTERNAL TANK

- *NEW: External Gas Tank Fittings Kit (No Line or Tank is Included)

SPRINK CREEK STABILIZERS AND ACCESSORIES

- Heavy Duty Add-on Snap in Motor Mount Module for Gas and Electric Trolling Motors
HD Kayak Stabilizer Floats Complete Package with 30, 36, 40 or 45 inch Universal Receiver (Kayak Width Determines Size)
12" Slip on Portage Wheels - PS-501
16" Slip on Portage Wheels - PS-601
Portage Cart. 12" - PS-700-12
Portage Cart. 16" - PS-700-16
Replacement Float Arms (Pair) - PS-201
Replacement Stabilizer Float (Single)

HOBIE DROP-IN PARTS

- Upgraded Cast Aluminum 2 Blade Prop with Stainless Attachment Collar and Shear Pins
Custom CNC 17.75 inch 9T Hardened Drive Shaft and Build Instructions
*NEW: FPV-Power Mount for the Hobie Drop-in Drive System

All prices and more detailed information on the drives and parts are found on the website.

[SEE WEBSITE HERE](#)



Please send all vendor and custom build inquiries
to mattplate@comcast.net or call us 305 926-2937.