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HUDY

Ultimate Break-in Bench

by Greg Vogel

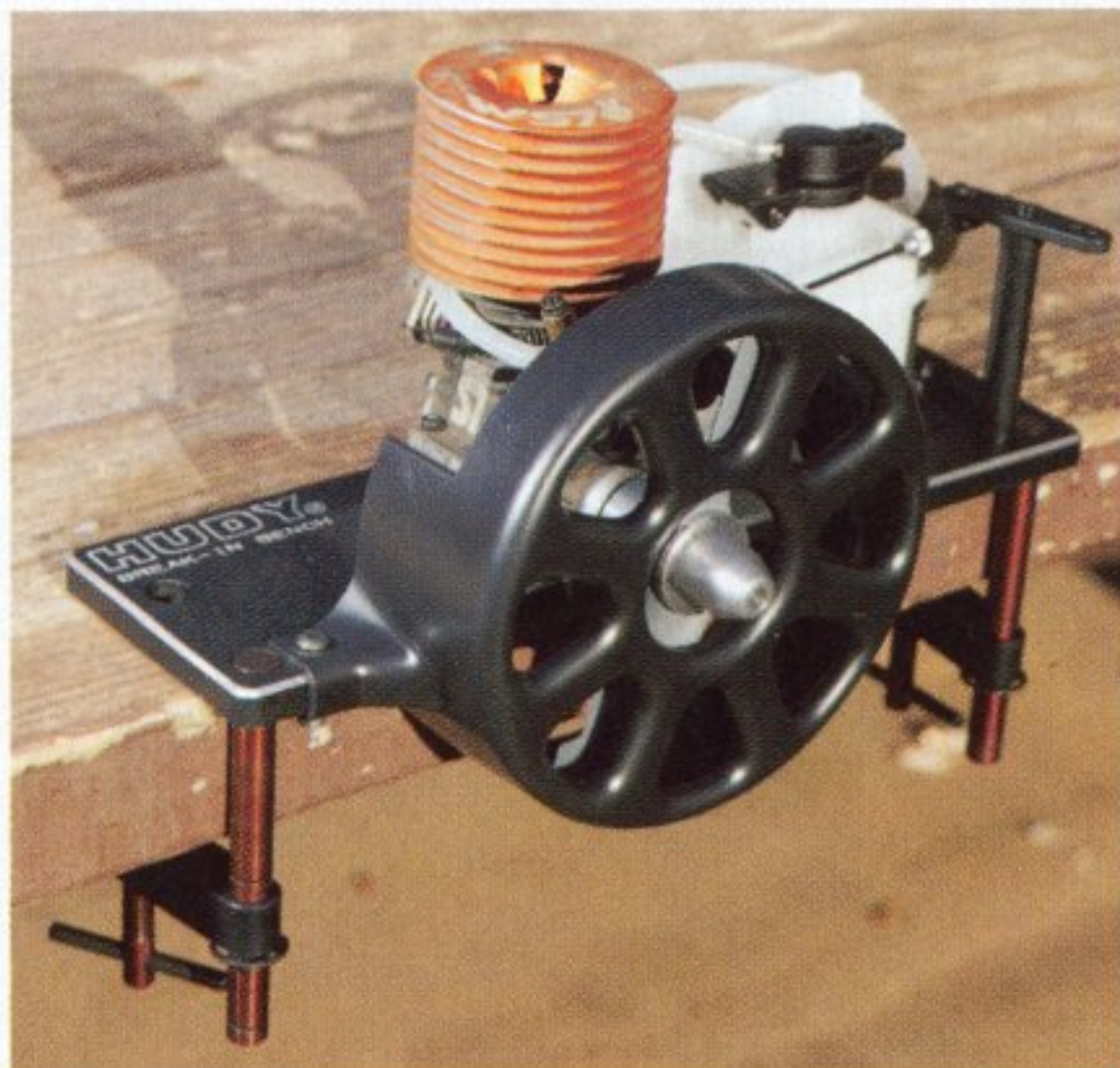
With just about everything you own, from clothing to a bike to a real car, it all needs to be taken care of. If you take care of it from the beginning, the product will probably last a long time. Like anything else, proper care and break-in of an RC engine could lead to a reliable mill that will provide good power and have a long life. To achieve this, Hudy has developed the Ultimate Break-In Bench. Yes, it is possible to break-in engines in the car, but this system allows you to closely monitor your mill and break it in safely.

Hudy has a reputation for high quality gear that makes the RC experience that much more fun and the Ultimate Break-In Bench is no exception. The partially assembled unit can be completely assembled in just a matter of seconds and ready for an engine. The adjustable mounts make it easy to bolt in just about any engine for 1/10 and 1/8 scale vehicles.

PERFORMANCE

For a full break-in, I bolted in an LRP .28 engine, but soon found out mounting the pipe was going to be an issue. The stand requires the pipe to sit perpendicular to the engine so you'll need an on-road style manifold to route the pipe behind the bench. With the engine strapped in, I easily fired up the engine using the supplied spinner with rubber coupler insert. The insert, unfortunately, doesn't fit snugly in the spinner and can get stuck on the starter cone and fly off when the engine fires up.

Once the engine fires up, the break-in procedure is smooth and easy as long as you are careful not to go near the prop. Taking head temps, and tweaking the needles are simple tasks. Make certain that the prop doesn't overcool the engine. You may need aluminum tape to block some of the engine's cooling fins so that the engine runs in an optimum temperature range of 200-250 degrees.



On the engine stand, you'll be able to break in the engine in different throttle ranges, heat cycle, and tune the engine into range to make the transplant into your vehicle quick and easy. You'll still need to additionally tune the engine in the car, but the hard break-in process is already taken care of. And the best part is you didn't have to walk far to retrieve a stalled out rig. ©

Links

Hudy Special Products, distributed by Hudy USA, contact RC America, www.hudy.net, (800) 519-7221

For more information, please see our source guide on pg. 249.

Vital Stats

MANUFACTURER: Hudy

NAME: Ultimate Break-In Bench

WEBSITE: www.hudy.net

PART NO.: 104140

PRICE: \$99.99

INCLUDES: Platform with clamps, fan shroud, engine mounts, fuel tank, prop, prop adapter, prop spinner unit, fuel tank, fuel line, linkage assembly and hardware.

ITEMS NEEDED: Engine, fuel, pipe with on-road style header, glow starter, drill, miscellaneous tools.

KIT OR READY TO USE: Partially RTU

SUMMED UP: The quality of the materials used and craftsmanship are top notch; the unit is almost totally assembled and is really the best way to break in a new engine. The only limitation is the pipe selection, as a pipe that parallels the engine will interfere with the spinning prop.