

Hydro-MAX

DROP-IN HYDRAULIC CLUTCH RELEASE BEARING

**ONLY
1-1/4 lbs**



- ⇒ **MAX-imum strength!** Manufactured from high-strength extruded aluminum
- ⇒ **MAX-imum lightness!** 30% to 60% lighter than other manufacturer's HRB's
- ⇒ Hydro-MAX fits Muncie, Jerico, Roltek, T-10, T-101, Saginaw & other transmissions
- ⇒ Designed to work with all small diameter multi-disc racing clutches
- ⇒ Hard coat anodized for long life
- ⇒ Simple drop-in installation
- ⇒ Includes all mounting hardware
- ⇒ Self aligning for less clutch wear
- ⇒ Return spring guarantees complete clutch engagement
- ⇒ Includes PTT's exclusive 1.6" diameter radius faced angular contact ball bearing.
- ⇒ Works best with 5/8" or 3/4" master cylinders

~ Another advanced engineering product from the company that works harder to get you to the winner's circle ~

PTT'S Hydro-MAX Hydraulic Release Bearing (HRB) is the lightest, trickiest, strongest HRB on the racecar market. Weighing under 1-1/4 pounds sopping wet, Hydro-MAX is 30% to 60% lighter than all other return spring equipped HRB's currently available! At just over 2-1/4" tall, it is also the shortest. It has a full 1/2" of release travel, (the longest travel in its class), and a built-in return spring to ensure positive, 100% clutch engagement. PTT's custom-designed, low drag, 1.6" radius face bearing is standard equipment. The smaller diameter contact reduces clutch pedal effort, while also lowering the thrust on the back of the crank!

Hydro-MAX is CNC manufactured to rigid PTT quality standards from high strength aluminum and then hard coat anodized for long life. Every component that goes into the construction of Hydro-MAX oozes quality, from the custom designed AN & bleeder fittings, to the highest quality rubber compounds in the o-rings. Every Hydro-MAX is pressure tested at the factory to over twice it's normal operating pressure. Hydro-MAX is designed and built to take the night after night, weekend after weekend abuse that professional auto racing dishes out.

Put "THE POWER" to work for you! www.PowerTrainTech.com

Hydro-MAX Drop-in HRB, Standard Height All installation parts are included (see RH7111 Installation Kit shown below). Adjustable from 2.28" min. to 3.03" max. overall length.

Featuring a full 1/2" of release travel. Works best with a 5/8" or a 3/4" diameter master cylinder.



- RH7100** HRB
- RH7101** HRB with external bleeder kit
- RH7102xx** HRB with external bleeder kit & supply line.
(xx = supply line length in inches)

Hydro-MAX Drop-in HRB, Tall Height Uses an extended length sleeve & bearing assembly. All installation parts are included (see RH7111 Installation Kit). Adjustable from 2.78" min. to 3.53" max. overall length. Featuring a full 1/2" of release travel. Works best with a 5/8" or a 3/4" diameter master cylinder.



- RH7150** HRB
- RH7151** HRB with external bleeder kit
- RH7152xx** HRB with external bleeder kit



RH7111 Installation Kit One of these kits is included with every new HRB. Use an extra installation kit to set up a spare transmission. This kit includes all the hardware needed to install your Hydro-MAX.

Optional Accessory



RH7112 External Bleeder Kit
Includes a dash 3 braided stainless steel line & fitting that allows you to bleed the HRB from outside the bellhousing.



Optional Accessory

Stainless Steel Braided Clutch Supply Line Dash 3 size, Teflon lined, high strength, light weight lines are perfect for your PowerTrain Technology HRB. Available in the following lengths:

- RA3006** Dash 3, straight ends, 6" long
- RA3010** Dash 3, straight ends, 10" long
- RA3018** Dash 3, straight ends, 18" long
- RA3024** Dash 3, straight ends, 24" long
- RA3036** Dash 3, straight ends, 36" long
- RA3048** Dash 3, straight ends, 48" long

Custom lengths available

Replacement Bearing & Sleeve Assembly

These replacement bearing and sleeve assemblies are a service item for PTT's HRB. They feature a PTT designed 40mm angular contact ball bearing with a small 1.6" radius faced contact. This bearing incorporates a low drag design and is packed with specially formulated high temperature, low drag grease. They are a drop-in, direct replacement upgrade for HRBs' made by the following manufacturers: Coleman Racing Products, Howe Racing Enterprises, Quarter Master, and others.



RH7110
Bearing & Sleeve Assembly, Standard Length
1.96" OAL

RH7160
Bearing & Sleeve Assembly, Extended Length
2.46" OAL (1/2" longer)



RH7161 Extended Length Sleeve & Bearing Kit This kit is used to convert a standard length HRB to an extended length HRB. It includes a 1/2" taller sleeve & bearing and the shims needed for extremely short clutch / tall bellhousing applications.