

INTRODUCING

TECHnovation™
Clutch Hydraulics

Designed and engineered to install **faster** and **easier**
than original equipment, using existing lines
and no special tools!



PERFECTION®
Performance Proven™

TECHnovation™

Clutch Hydraulics

Combine **Technology** with **Innovation** and you get **Perfection**

FASTER, EASIER, STRONGER

OEM designers think about installing a clutch in the assembly line environment. They don't think about you.

We do.

In fact, you're all we think about.

That's why the Perfection Engineering Team developed **TECHnovation™** Clutch Hydraulics, a fresh approach to a product line that is **DESIGNED WITH THE TECHNICIAN IN MIND**.

Service professionals appreciate how quick and easy it is to install **TECHnovation™** products, while customers enjoy excellent performance and long product life cycles.

A MATERIAL DIFFERENCE

Many OEM housings are typically made of plastic and use a steel sleeve for the cylinder bore. Perfection **TECHnovation™** uses hard anodized aluminum in most castings. Each casting is bored and precision honed. It's a sturdy design that lasts long and provides exceptional performance.



Perfection offers a complete line of **TECHnovation™** clutch hydraulics including concentric clutch slave cylinders, external clutch slave cylinders, clutch master cylinders and pre-filled units.



OEM plastic cylinders can be prone to breakage.



Perfection aluminum castings are made from a solid block that is bored and honed for accurate tolerances and maximum durability.

SIMPLY END THE FRUSTRATION

With an OEM connector, if the nylon spacer fails or if you don't have a "special tool" the only way to remove the line is to destroy the components—not a pretty picture (see below right). The new

TECH-link™ connector eliminates repair frustration and hydraulic line mutilation. The patent pending design makes a superior connection, and it's quicker and easier than ever before...with no special tools! Simple but effective.



TECH-link™ connector is trouble-free.

This type of damage can occur with OEM connectors.

YOU'RE NEVER ALONE

Since **TECHnovation™** products are backed by the best technical support team in the business, you're never alone on a clutch job. You can talk directly with a clutch specialist by calling our toll-free Technical Support Line:

800-258-8312 ext 4, or access a wealth of support information on the web 24/7/365:

www.perfectionusa.com

www.youtube.com/perfectionclutch

www.perfectionusa.blogspot.com

www.twitter.com/perfectionusa

So now it's easier than ever to "**Service the System™**". Just specify Perfection **TECHnovation™** Clutch Hydraulics.

We applied advanced **technology**
to **innovate** dramatic product improvements

All with the technician in mind...

Long life release bearing is designed to exceed the life cycle of the cylinder to help eliminate unnecessary maintenance repairs

Rubber boot on all concentric slave cylinder (CSC) units protects the seal from contamination and greatly extends performance

Hard anodized aluminum casting is stronger and more durable than the original plastic molded unit

Part Shown fits 93-96 Ford Bronco, 93-05 Ford Explorer & Ranger and 93-00 Ford F-Series

The new patent-pending **TECH-link™** connector works with existing hydraulic lines, connects in seconds, requires no special tools and eliminates connection damage forever



100% tested performance

TECHnovation™ Hydraulics undergo extensive functional testing using state-of-the-art equipment to ensure exacting performance

- Endurance tested to SAE J1153 and J101 Standards
- Concentric slave cylinders are 100% pressure tested

TECHnovation™

Clutch Hydraulics

Product Features

- The patent-pending **TECH-link™** works with existing hydraulic lines, connects in seconds, requires no special tools and eliminates connection damage forever
- Hard anodized aluminum casting is stronger and more durable than the original plastic molded unit
- Simplified internal design (bore & hone vs OEM plastic with steel sleeve)
- Aluminum castings and pistons are hard anodized for reduced wear and increased durability
- Cylinder bores are precision honed for accurate tolerances and optimum performance
- High efficiency sealing—piston seals are pure EPDM rubber, compatible in all fluids including silicone (certified to meet SAE J1601 for hydraulic seals)
- No parts are eliminated to remove costs (OEM eliminates bleeder screws on some models, we add them back to make repairs quicker and easier)
- Testing to ensure confidence that parts work the first time... every time

Program Features

- Designed for the technician for ease of installation and service
- Wide array of "Bolt-In-and-Go" prefilled units to save time and effort
- Master and slave designs include all pressure control valves, check valves, and fittings for ease of installation, bleeding, and maintaining OE performance levels
- Vehicle specific bulletins included for greater convenience
- Online videos show step-by-step installation and bleeding procedures
- Engineered and supported in the USA by our tech support team of experts in clutch system function



TECHnovation™ is the natural evolution to Perfection's "**Service The System™**" approach to clutch repair which leads to longer life and more importantly... happy customers.

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