

## Repower Specialist Uses Cummins “For Everything”

Cummins 3.3L industrial engines work great to repower smaller gas and diesel-powered vehicles, according to Jacob Kraybill, Cedar Grove Mechanics. He has used them to repower both a Ford Ranger and Toyota Tundra. He uses larger, heavy-duty Cummins diesels to repower full-size trucks, too.

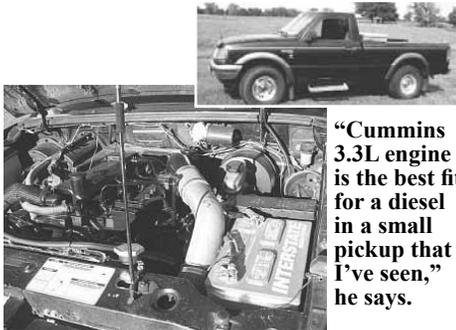
“I use Cummins because I used to work in a diesel repair shop and had connections to surplus engines,” explains Kraybill. “I think the 3.3L Cummins is the best fit for a diesel in a small pickup that I’ve seen. It’s a little lighter and higher speed engine than some.”

When Kraybill repowered the Ranger, he used a Cummins that came to him in pieces due to a factory defect. He retained the diesel flywheel and built an adapter ring to connect it with the flywheel from the Ranger’s original gas engine. This allowed him to also use the Ranger’s pressure plate and bell housing on the transmission.

He built his own engine mounts and mounted the accessories, such as power steering and vacuum pump. He also added an intercooler from an International truck with a 466 cu. in. engine. He had to chop it short to fit on front of the Cummins.

In the case of the full-size Ford 250’s he repowered, Kraybill used 5.9L Cummins diesels. In one case, he kept the original transmission. He used an adapter kit, engine mounts, transmission controller and harness, as well as additional parts from Diesel Conversion Specialists (www.dieselconversion.com). On the second repower, he replaced the PowerStroke 6L engine as well as the transmission. This time he used the Cummins engine and a Dodge transmission and transfer case.

Contact: FARM SHOW Followup, Cedar Grove Mechanics, 7997 Manito Lake Rd., Fortuna, Mo. 65034 (ph 573 723-0699; jkgraybill@martinmachinery.com).



“Cummins 3.3L engine is the best fit for a diesel in a small pickup that I’ve seen,” he says.

Jacob Kraybill repowered this Ford Ranger with a Cummins 3.3L industrial engine, building an adapter ring to connect the diesel flywheel with the flywheel from the Ranger’s original gas engine.

## “Best Buy” Sawmill Weighs Just 105 lbs.

The Lumber Smith Portable Sawmill was just what Kenny Bowman had been looking for.

“The price was right and it was sized to do what I wanted to do,” he says. “I was looking for a sawmill that was more than a chainsaw mill but weighed less than a Wood-Mizer type bandsaw mill.”

The Lumber Smith weighs 105lbs., including the 5.5 hp Honda that drives it. A three-wheeled carriage rolls on a track that the customer makes. It can cut boards as thin as ¼-in. or as thick as 6-in. The 93 ¾-in. blade has a maximum capacity of a 24-in log, plenty big enough for Bowman’s immediate goal of producing 6x6 timbers for a post and beam building. Six months of use has confirmed his decision.

“I’ve worked it hard and am satisfied with the sawmill,” says Bowman.

Says Craig Vanderpool, director of sales and marketing at Lumber Smith, says, “This mill won’t do everything a heavier mill with more horsepower will do, but for the vast majority of woodworkers and farm owners, the Lumber Smith is the right choice. The lightweight design means one person can take this mill to where the logs lay.”

Vanderpool adds that, at \$2145, the Lumber Smith is priced very competitively,



Cal Reed stands beside a board he cut with the Lumber Smith Sawmill. At 105 lbs., the Lumber Smith is the lightest weight band sawmill in its class.

particularly given its aluminum and stainless construction.

Contact FARM SHOW Followup: Craig Vanderpool, Lumber Smith, PO Box 508, Lively VA 22507 (ph 804-577-8613; info@lumberSmith.com; www.lumberSmith.com (the Lumber Smith website is stocked full with photos and information).

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## Leaking Oil?

SealLube seal expander is guaranteed to stop any rubber oil seal leaks in engines, transmissions, power steering and hydraulic systems. Problems it can solve include oil leaks of all kinds, and transmission slip. The product is not designed to be used in brake systems. An 8-oz. bottle treats up to 10 quarts of oil. Small motors, pumps, gearboxes, or other applications where there is only a small volume of liquid, can usually be sealed with just a teaspoon or so, either added to the fluid or painted on the seals on the outside. We accept Visa, Master Card, American Express, personal checks, and Money Orders.

Sells for \$14.95 plus \$5.80 for up to 2 bottles S&H. (We have a new post office box for New Tech)

Contact: FARM SHOW Followup, New Tech International, P. O. Box 3725, Center Line, Mich. 48015 (ph 800 434-9192; fax 586 758-6549; email: newt924@netscape.net; website: www.seallube.com).

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