

## Oil Filter Relocation Kit For Dodge Ram Pickups

If you're tired of dismantling half your Dodge pickup just to change the oil, you'll like the new PacPro oil filtration relocation kit that moves the oil filter out into an open area for quick, hassle-free oil changes.

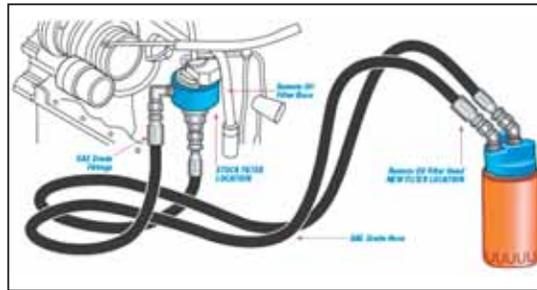
According to the company, a "grand design change" made to the front suspension on 2013 and newer Dodge Ram pickups makes changing the oil difficult and cumbersome. The installation of a second turbocharger blocks access to the stock filter.

Several different kits are available, including for Dodge Ram pickups equipped

with 5.9-liter and 6.7-liter Cummins engines. Universal mounting kits for Cummins engines are also available. The kits come with all necessary hardware and components, which include an anodized aluminum filter head and base and SAE grade hose and fittings.

All kits sell for \$260.14 (U.S.) plus S&H.

Contact: FARM SHOW Followup, PacPro Performance Parts, 19594-96 Ave., Surrey, B.C. Canada V4N 4C3 (ph 800 663-0096; info@pacbrake.com; www.pacbrake.com).



Kit moves the oil filter out into an open area for easier oil changes.



Rinke enclosed the wheel swivels and bearing spacers on his batwing mower with rubber pieces cut from shock absorbers, which keeps them clean (left). A swivel arm made of silo reinforcing rod mounts on mower hitch and holds the pto shaft when it's disconnected from tractor.

## Modifications Improved His Batwing Mower

Minnesota handyman Mark Rinke bought a used Land Pride 4211 batwing mower that had issues with the gauge wheels, the wings, and the pto shaft and hitch. After he made improvements to all those components, the mower is "better than new".

"The gauge wheels were extremely loose because the shaft taper bearings were poorly set up and not loaded correctly in the race," Rinke says. To solve the problem he put in bushing washers to set them correctly, then added an improved lip seal that keeps dirt and grass from getting into the shaft.

"The OEM design was a lip seal, but as the axles rolled in the swivel assembly, the grass wrapped in that space because there wasn't a guard. Eventually grass worked onto the axle and into the grease seal. I used a piece of strap iron to make a shoe horn that shields that open area on the sides and top." He says his design protects the seal, with the bottom left open so any dirt and water can get out.

Next he enclosed the batwing swivels and bearing spacers that change the height of the mower so they wouldn't collect dust. He cut pieces of shock absorber rubbers, slipped them on the top and bottom, then added buttons so the shafts are totally enclosed. "The boots cover anything that swivels, so the grease stays clean and doesn't go anywhere," says Rinke.

After using the mower a few times he found that the mechanical gearbox and its alignment with the belt sheaves wasn't correct, showing wear on one side but not the other. Rinke added spacers to align them better, then reinforced the gearbox mounting to make it more secure. Now he says the belts are better aligned and it takes less power to run the machine.

Because he uses the mower on hillsides, through ditches, and across uneven terrain, Rinke altered the hitch and pto shaft. He extended the mower hitch to better align with



Diagonal support rods hold mower wings tight to mower's main frame.

the tractor, undercut a new angle on the hitch ball so it would swivel easier, then honed and polished the inside of the ball mount. A stub shaft added to the pto lengthened it to match the hitch. Says Rinke, "These simple fixes reduce stress to the drive system, the alignment is better, and nothing fights anything when I'm mowing through these uneven conditions. All the components work together to extend the life of the mower."

Rinke also installed grease zerks on the pins that hold the floating decks and reinforced the hydraulic mounts that raise and lower the deck and wings. New set rods hold both wings in place for travel and storage, using quick-connect jack mounts that he welded to the frame. He also fashioned a simple swivel hanger to hold the pto shaft when it's held securely to the frame and easier to re-connect.

"The improvements took me a whole wintertime of tinkering," Rinke says with a chuckle, "but now I've got a much-improved mower that's going to last a long time."

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Tailgate Sawhorse uses a pair of 2 by 4 boards to extend pickup's tailgate by 3 ft. Kit includes 4 metal brackets and mounting hardware.

## "Tailgate Sawhorse" Turns Your Pickup Into A Portable Workbench

"Our new Tailgate Sawhorse extends your pickup or utility vehicle bed by 3 ft. using only a pair of ordinary 2 by 4 boards. Your vehicle then becomes a portable workbench," says Tyler Daly, Erickson Mfg. Ltd., Thamesville, Ontario.

The kit is designed to fit the tailgate on any pickup and requires some drilling. It includes 4 metal brackets and mounting hardware. The brackets come with rectangular metal holders which the boards slide into. There's no need to tighten them down.

The tailgate extension can also be used to haul long objects such as a canoe, or by adding a platform onto the boards it can serve as a picnic table.

"The Tailgate Sawhorse works on all pickups and utility vehicles, as long as it's mounted on the highest points of the tailgate. It brings a lot of convenience to everyday life," says Daly.

The Tailgate Sawhorse is sold at Home Depot in the U.S. and at Home Hardware



Boards slide into rectangular metal brackets.

and Princess Auto stores in Canada. Sells for \$29.99 at Home Depot.

Contact: FARM SHOW Followup, Erickson Mfg. Ltd., 11297 Merritt Line, Thamesville, Ontario Canada N0P 1C0 (ph 888 546-4668; tyler@ericksonmfg.com; www.ericksonmfg.com).

## Trim Puller Doesn't Damage Walls

If you've ever had to remove baseboards, you know that damaging the wall can be a problem. Inserting a prybar behind the baseboard can easily punch a hole in the wall.

The new Zenith Trim Puller is designed to make trim removal faster and easier without causing any damage to the wall. You can use it on baseboards as well as wall trim, door casings, cabinets, floor tiles, mortar, and glued or nailed-on counter tops.

The tool has a wider and flatter contact area than a conventional prybar. It comes with a 15-degree center-mounted wedge and ramp to help push out the trim without the need for a shim or spacer. Also, the tool's impact-absorbing rubber handle reduces vibration on



Zenith Trim Puller comes with a 15-degree center-mounted wedge that helps push out the trim.

your hands when using a hammer.

Sells for \$27.95 on Amazon.com and is also available at many big box stores, including Home Depot, Menards and Lowes.