



RUNS OFF GAS, DIESEL OR PROPANE

Warmer-Upper For Cold Tractor Cabs

New from Hunter Manufacturing is a powerful little heater that can be used in the cab of your tractor or truck, your farm shop or anyplace else that needs supplemental heat on cold days.

"This is the same heater we sell to tractor manufacturers for installation in new tractors," explains Peter Lund, midwest dealer for the heater, made by Hunter Manufacturing, Cleveland, Ohio. "We also put them in a lot of semis running northern routes, and in almost every kind of over-the-road vehicle or construction equipment — even in railroad locomotives. We're now offering the very same heater to farmers who need supplemental heat for older tractors, trucks or whatever."

The compact warmer-upper puts out 20,000 btu's and comes in three models — gasoline, diesel or propane. It measures 7 in. high, 11 in. wide and 16 in. long, and is small enough to fit under the driver's seat, which is where it generally is installed, according to Lund. Usually, the heater is bolted to the floor and a 1½ in. hole drilled for the exhaust. Fuel lines are either tapped into the vehicle's fuel tank, or run to a separate tank, depending on the nature of the installation and the type of fuel being used.

Standard models run off a 12 volt system. Other voltages available on special order. Accessories include a remote control for mounting the heater controls on the dash, an electrical fuel pump when gravity flow isn't possible, and a thermostat for even heat.

Running at full capacity, the heater burns 1 gal. of diesel or gasoline every 6½ hours, or 1 lb. of propane per hour. Lund notes that the heater is not portable and, once installed, cannot be easily removed.

Diesel models sell for \$580, the gasoline for \$500 and the propane for right at \$390. All models come complete with mounting brackets, pipes and vents.

For more details, contact: FARM

SHOW Followup, Hunter Manufacturing Company, 30525 Aurora Road, Cleveland (Solon), Ohio 44139 (ph 216-248-6111).

EASY-TO-FILL COMPARTMENTS

New Bumper Provides Extra Truck Traction

Like it or not, winter is just around the corner and this new traction bumper from the Defiance Company looks like a good way to get ready for the ice and snow, or any situation that requires added truck traction.

The all-welded, heavy gauge steel bumper is equipped with wide access doors for filling and emptying, or for storing tools and equipment. There is enough room in the bumper for 350 lbs. of dry sand.

The bumper comes finished in white and is available for all conventional pickups. Sells for \$195.

For more details, contact: FARM SHOW Followup, The Defiance Company, Wally Niemela, Chassell, Mich. 49916 (ph 906 523-4232).



Bumper holds up to 350 lbs. of sand to provide "traction boost" in mud, ice or snow.

ELIMINATES NEED FOR A CUTTING TORCH

Easy Way To Remove Bearing Races

"Interest has been tremendous," says Milton Martinson, inventor and manufacturer of special bearing race clamps for removing stuck bearing races. "We've already added a larger size to our original set of four clamp sizes."

A set of five bearing race clamps fits most shafts from ⅝ in. to 2-7/16 in. in dia. The clamps are used with a standard two-jaw puller.

Each clamp consists of three parts:

both sides of the collar and a locking ring to hold the clamp securely on the problem bearing.

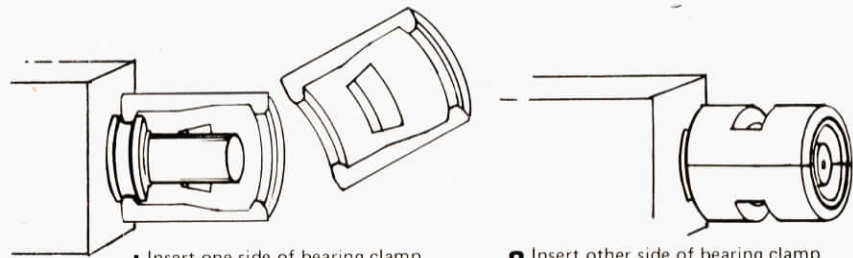
To remove a bearing race, both sides of the clamp's collar are inserted into the bearing race. The locking ring is slipped over the collar until it rests directly over the bearing race.

A standard two-jaw puller is used to pull the clamp and bearing off the shaft. The puller is not included with

the set of clamps.

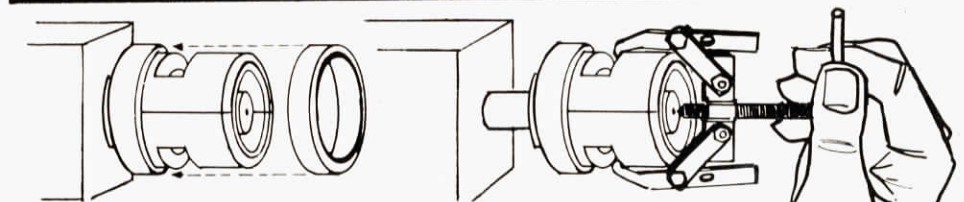
The set of five clamps sells for \$160.60. The clamps can be purchased individually and range in price from \$23.00 for the ⅝ in. size to \$46.60 for the 2-7/16 in.

For more information, contact: FARM SHOW Followup, Milton Martinson, Ashby Manufacturing Co., Ashby, Minn. 56309 (ph 218 747-2007).



1 Insert one side of bearing clamp collar into bearing race.

2 Insert other side of bearing clamp collar.



3 Slip lock ring over sides of bearing clamp to hold clamp securely on bearing race.

4 Slip jaws of standard puller into slots of bearing clamp, tighten and turn.