

--- In MVlist@yahoogroups.com, Robin Maslen <rmaslen@o...> wrote:
> I am interested in seeing if a gauge for the Wilson Preselect gearbox
on our
> Ferret Mk1 is available anywhere and how much it would be to get it
to us in
> Australia.

Robin,

You can easily make one, nothing to it. Email me for details.

Richard Farrant
Kent
UK

From: Ian Wallace <iwallace@columbus.rr.com>
Reply-To: MVlist@yahoogroups.com
To: <MVlist@yahoogroups.com>
Date: Thursday, 29 September 2005 9:53 AM
Subject: RE: [MVlist] Re: gearbox gauge

Richard - Isn't the gauge nothing more than a rod with grooves at specific distances from the end that goes into the gearbox? It would be a useful piece of information (hoe to make one) in the Ferret Heaven site. One never knows when one might have to do some work on the gear bands and such.

Ian Wallace
00DC81
MVT 15185

From: Richard Farrant <ayefve@btopenworld.com>
Reply-To: MVlist@yahoogroups.com
To: <MVlist@yahoogroups.com>
Date: Friday, 30 September 2005 5:24 AM
Subject: [MVlist] Re: gearbox gauge

--- In MVlist@yahoogroups.com, "Ian Wallace" <iwallace@c...> wrote:
> Richard - Isn't the gauge nothing more than a rod with grooves at
specific
> distances from the end that goes into the gearbox?

Ian,

They do not have grooves round the rod normally. I use mine on Saracen Saladin, Ferret, Fox and Dingo, all different measurements, it is easier to use a rule to check. Basically it is a 1/4" rod, about 10" -

12" long with a rounded end on the bottom. A bar to rest over the top aperture of the gearbox, with a hole for the rod to go through and drop into the bus bar. A 1/4" UNF lock screw secures the rod whilst taking measurements.

Richard

From: Ian Wallace <iwallace@columbus.rr.com>
Reply-To: MVlist@yahoogroups.com
To: <MVlist@yahoogroups.com>
Date: Friday, 30 September 2005 5:40 AM
Subject: RE: [MVlist] Re: gearbox gauge

This sounds like a very easy fixture/tool to make. And the 1/4" screw could easily be a 1/4-20 thumbscrew as used for virtually all camera tripod sockets and attachments.

I would guess that the tool is placed over the hole (aperture) with the thumbscrew loosened, then the rod guided onto the selected bus bar, then the screw tightened and rod withdrawn. The measurement from the bottom of the rod to the securing bar (with thumbscrew) would be the measurement.

I would guess a simple brass bar, 1/2 to 3/4" thick, would be easy to machine into the proper configuration. How long would the bar have to be to not fall in the hole, and be easy to manipulate around the hole?

Ian Wallace
00DC81

From: ayefve@btinternet.com
To: Robin Maslen <rmaslen@ozemail.com.au>
Date: Friday, 30 September 2005 5:44 AM
Subject: Re: [MVlist] Re: gearbox gauge

Hi Robin,

I take it that you have the EMER, either Aus or Brit, regarding adjusting? There should be a sectioned drawing of the tool in position. You can work it from that. Basically you need a length of 1/4" or 5mm rod (approx), with the bottom end slightly tapered and rounded off. A bar approx. 1" x 1/2" and long enough to span over the top aperture of the gearbox. Drill a hole in the bar, on widest side, exactly over the groove in the bus bar. The groove will have to be located, use the rod to find the groove. The position can now be verified and measurement noted so that the the bar can be drilled. A locking screw of 1/4" UNF is tapped into the bar, to nip up they rod so that it can be removed for checking. If you still need dimensions, I will have to measure mine tomorrow

kind regards,
Richard Farrant.

From: Richard Farrant <ayefve@btopenworld.com>

Reply-To: MVlist@yahoogroups.com
To: <MVlist@yahoogroups.com>
Date: Friday, 30 September 2005 7:57 AM
Subject: [MVlist] Re: gearbox gauge

--- In MVlist@yahoogroups.com, "Ian Wallace" <iwallace@c...> wrote:
> I would guess that the tool is placed over the hole (aperture) with
the
> thumbscrew loosened, then the rod guided onto the selected bus bar,
then the
> screw tightened and rod withdrawn. The measurement from the bottom
of the
> rod to the securing bar (with thumbscrew) would be the measurement.

Ian,

Correct, you've got the idea !

> I would guess a simple brass bar, 1/2 to 3/4" thick,

Too thick, 1/4" is best with the end rounded off.

> How long would the bar have to be to
> not fall in the hole, and be easy to manipulate around the hole?

About 10 to 12 inches, I think mine was made from a 12" length of
silver steel rod.

Richard