

Hand Change Gear Lever.txt

Erik

Joined: 10 May 2005

Posts: 89

Location: Moerdijk, The Netherlands

Posted: wed Oct 12, 2005 9:52 am Post subject: Question on handchange lever

Hello all,

The last step in getting my Scott on the road is fabricating a handchangelever. I bought a new bottompart casting from the spare-scheme and am now in the process of making the top part. A few questions remain however..

Should the top part be made of normal steel or springsteel?

If springsteel, the lever will be a bit under tension in the selector"thing" (don't know the correct word...). In the image I've marked three spots. where will the lever be put against under the tension of the spring? I think side 1/2 but if so, then there is no way the lever is fixed in 2nd or 3rd gear. And why should the slot for top gear be extended to the right side then??? I just cannot figure it out....

I hope someone can help me..

Best wishes,
Erik

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Bob Mather

Joined: 20 Jun 2004

Posts: 2

Location: Adelaide Australia

Posted: Sat Oct 15, 2005 1:05 pm Post subject: Question on hand change lever

Hi Erik

The selector "thing" is called a gate. The top part of the gear lever is spring steel. The lever rests against side 1, and has to be held to the right for a change to 2nd. When released, the lever does not touch sides 2 or 3, but is midway between and has to be sprung to the left to move into top where it then springs to the right which is the same position as midway between sides 2 and 3. Hope this is clear.
Regards Bob Mather.

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Bob Mather

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Joined: 20 Jun 2004

Posts: 2

Location: Adelaide Australia

Posted: Sat Oct 15, 2005 1:06 pm Post subject: Question on hand change lever

Hi Erik

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Regards Bob Mather.

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Erik

Joined: 10 May 2005

Posts: 89

Location: Moerdijk, The Netherlands

Posted: Mon Oct 17, 2005 6:46 am Post subject:

Thanks Bob,

That explains a lot! I managed to make a lever (it worked out pretty well I must say) and the only thing I did not know was the exact position in 2nd and 3rd gear. Now I do! Thanks again!

Erik