Volvo Penta

Issue with Replacing 2002 with 120SC with 130 Saildrive Question Part 2

Hello Mike:
Below is the letter I wrote to the customer explaining what the issue is. The questions I have are:
1) Is the companion flange 3581117 coarse or fine splined (I think coarse)?
2) Can the companion flange 3581117 be used with the 130S drive? Is this permitted?
3) Could the original companion flange be used with a splined sleeve. I believe that part number 3583492 is a splined sleeve that can be used to go from course to fine. Is there another splined sleeve that will go from fine to coarse? And if so what is the part number?
Attached is the picture of the serial number of the 120SC drive. It looks like the 3101008106 is the correct serial number, but I can't get it to come up. Customer is insistent that the engine S/N 2300029631 is correct.
Thank you for all your help on this.
J.D.
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Hello:
You are going to double check the serial numbers of the engine and the drive as neither comes up although the specification numbers show that your original set up was a 2002 (868093) with a 120SC (853656). You are trying to replace the 120SC with the 130 saildrive.

The 2002 had two different flywheels:

Flywheel 840321 had holes on about 2/3 of the way to the edge which allows the vibration damper 21176531 to be used. The 120SC was fine splined, but the 130 sail drive and the vibration damper are course splined.

Flywheel 861047 did not have bolt holes for the damper as it used the companion flange 840592 (fine splined) to act as the damper for the 120SC drive.

I believe, but can’t confirm, that you have the 861047 flywheel without the holes.

In EPC the companion flange 840592 (fine splined) is superceeded (for use with a 130S) to 3581117 which I believe is coarse splined.

So I think you have to get 3581117 and use it instead of the damper plate 21176531 like the EPC says.

I am going to forward this on to Volvo Penta and get confirmation of the following questions:

1) Is the companion flange 3581117 coarse or fine splined (I think coarse)?

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Please don’t despair we will figure this out.

J. D. Neeson

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