



SKI-DOO/LYNX 850 Turbo Gears & Chain_141028

Summary:

Type:
General

TST Detail:


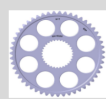
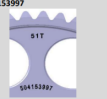


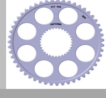




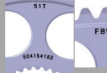

Problem:

Depending on the model year and production site of the Ski-Doo/Lynx 850 Turbo / 850 Turbo R will have a specific set of gears and chain installed.

The chain case will have a sticker notifying you if there are other parts installed then the normal Rexnord parts.



Parts are not interchangeable between the three different configurations seen below

	21T	51T	53T	116M
Rexnord STD 850 NA MY17- VLC 850T MY23				
Rexnord Aurora FLD 850T MY23				
Borg Warner FLD+VLC My20.5-MY22 850T				

Right click and open in new tab for full resolution

To summarize the table above:

All 850 Turbo models produced MY20.5-MY22 are built with BorgWarner chain and gears

MY23 850 Turbo R models built in Finland, VIN starting with YH2L, are built with Rexnord Aurora chain and gears

MY23 850 Turbo R models built in Canada, VIN starting with 2BPS, are built with Rexnord STD chain and gears

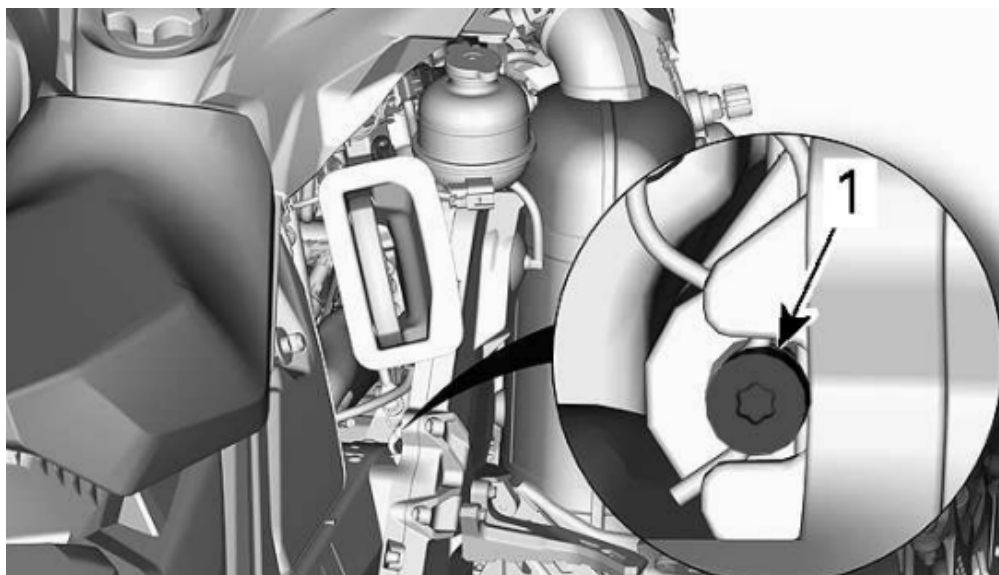
Notes:

We have noticed an increase failure rate of the chain and/or gears on 850 Turbo R units with Rexnord STD parts.

Rexnord Aurora or Borgwarner parts can be used to improve durability.

Remember that the chain, top and bottom gear must be of the same type to match.

Chain tension is a critical factor to the chain/gear system, for deep snow the intervalls are: 75/500/1000/1500/3000/6000km (50/300/600/1000/2000/4000mi)



Using the Torx end of the driven pulley expander, GENTLY turn tensioner clockwise to eliminate the play

Overtightening the drive chain could result in severe damage to the chaincase components

Solution:

Order the correct parts based on the EPC with support from the chart above

Parts:

BorgWarner:

Chain	116 links	504153759
Gear	21 teeth	504154188
Gear	51 teeth	504154183
Gear	53 teeth	504154167

Rexnord standard:

Chain	116 link	504153397
Gear	21 teeth	504153910
Gear	51 teeth	504153997
Gear	53 teeth	504153998

Rexnord Aurora:

Chain	116 link	504154313
Gear	21 teeth	504154567
Gear	51 teeth	504154568
Gear	53 teeth	504153569

Symptoms:

Chain or gear failure

Chain and gear not matching

Warranty:

Normal & BEST warranty applies

Attachment:

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