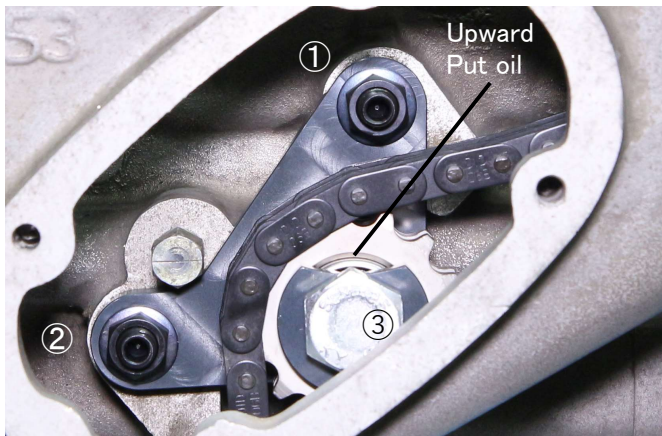
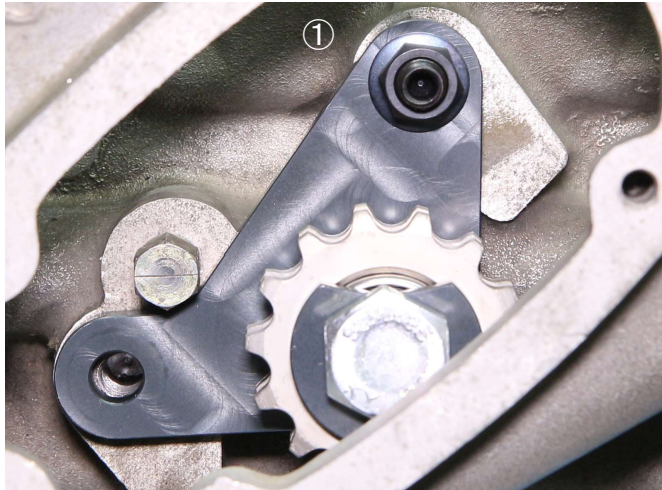


# 18RG Secondary idler gear SET

## 【Characteristic】

This is a great solution / substitute for the long discontinued upper right timing chain guide/damper for 18RG. With the use of high-quality and enhanced dual valve springs, there is a strong load in the chain, and the chain guide that will aggressively wear out the OEM type chain guide with the large friction force. This will cause horsepower loss due to the adverse effects of friction, drag, chain guide wear and the delay of valve timing. This idler gear will greatly reduce the friction and drag on the chain and guide to free up more horse power with its needle roller bearing design with less rotation resistance and keep you valve timing correct.



## 【Tightening torque】

- Plate fixing nut①②  
3,8~4,0 (kgf-m) 37.3~39.2 (N · m)
- Sprocket gear center bolt③  
9.5~10 (kgf-m) 93~98 (N · m)

\* This product is for racing use only and cannot be used on public roads.  
Please note that complaints such as accidents and trouble compensation due to this product cannot be received.

## 【Assembly method】

- 1 Tightening the Sprocket gear center bolt③  
Please check.  
With the notch of the flat washer facing up as shown  
Makes it easier for oil to enter.
- 2 Remove the genuine chain guide.  
You do not need to remove the oil jet.
- 3 Stud bolt installation on ①  
Bolt bottoms out using hex wrench  
Tighten until hand tightened.  
(A strong torque is not required if it is at the bottom)
- 4 Temporarily attach the idler gear to the washer  
And nut by hand.  
Then, pass through the timing chain.  
Next, follow steps ②-① to install bolts, washers,  
Install the nut.
- 5 Perform the final tightening of ①②.
- 6 Oil jet orientation as shown  
Check if the line is horizontal.
- 7 Chain tensioner tension adjustment  
Adjust by referring to the maintenance manual.  
If the chain is too tight to adjust  
Is the best one from the attached washers  
Please select and add one or two.  
\* Additional thickness limit of washer 6.0 mm
- 8 Inject oil from the notch in the flat washer.
- 9 Finally, adjust the valve timing and finish.

※ Please retighten regularly

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