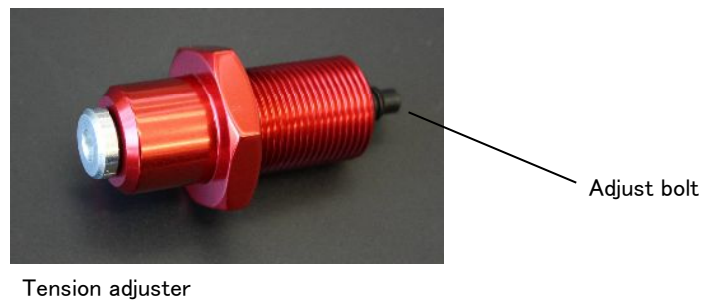
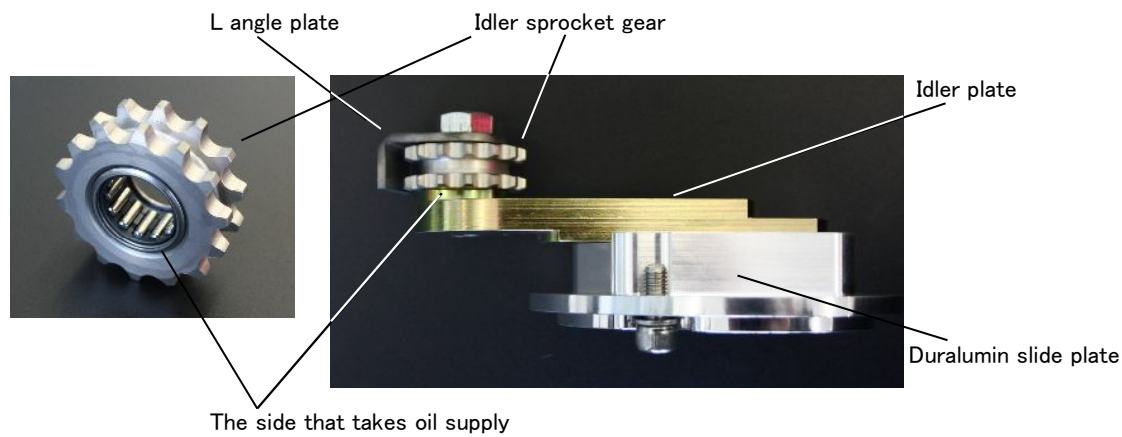


Installation manual

= AUTO MECHANICAL ENGINEERING =

KAMEARI ENGIE WORKS

TEL 048-998-2323 FAX 048-997-9085



Installation manual No,1

1 The disassembly of the unnecessary part

Please remove the genuine following parts.

- Chain Slippers
- Chain Tensioner
- Hedd Front Cover

2 Temporary installation

By the individual difference of the cylinder head, Idler plate may collide. If there is a colliding place, please sharpen a head or a plate.



Please check the gap of this place.

3 The clamping of the center bolt



The angle of the L- angle plate please become perpendicular to a tension adjuster.

(At the time of delivery of goods, clamping is over.)

110~120 (N·m)
(M12 × P1.25 × 32mm)
※Oil is unnecessary for a screw.

4 Installation



Please clean neatly on installation side. Please paint attached packing with liquid seal packing.

Please use the packing of accessories by all means. Please do not use the Toyota pure article.

※Oil is unnecessary for a screw.

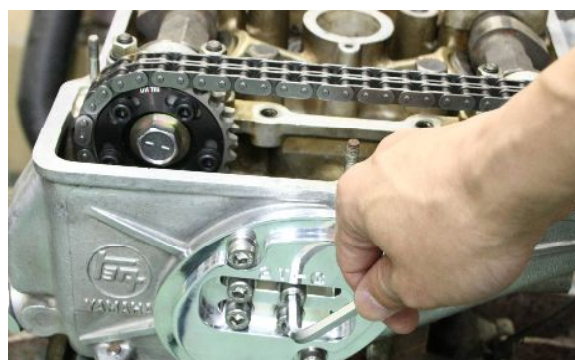
Before	150~170 (N·m)	※M6 × 15mm
After	370~390 (N·m)	※M8 × 18mm

5 The insertion of Idler sprocket gear



Please insert it after excluding cam sprocket Gere of the in take.

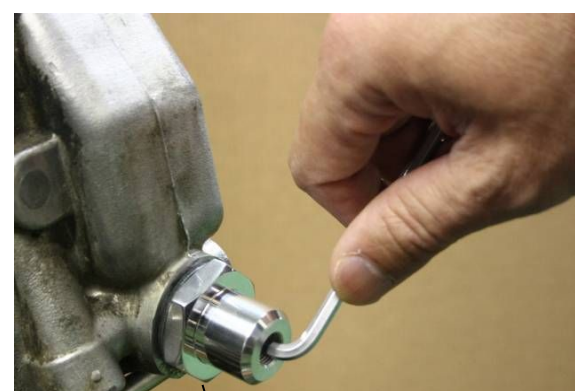
6 The temporary clamping of the slide bolt



Please tighten a bolt weakly if you attach Idler plate from the inside.

Please attach a cam sprocket and the chain of the intake.

7 Installation of Tension adjuster

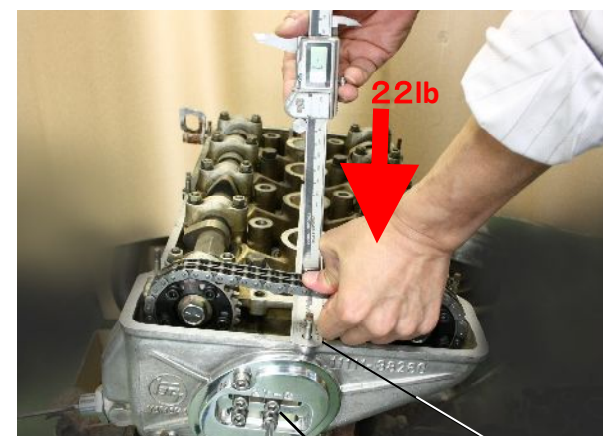


With a gasket, please perform clamping by designated clamping torque.
Please relax the Adjust bolt not to take tension.

500~550 (N·m)

※Oil is unnecessary for a screw.

8 Tension adjustment



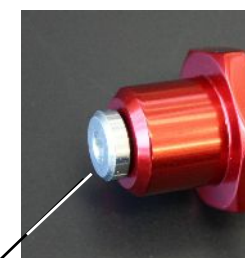
0.275in~0.315in

- 1 Please turn an engine 180 degrees.
- 2 Like an image, please push the central part of the chain with power of 22lb.
- 3 Please adjust it with a tension bolt so that a chain falls 7mm~8mm.

※Oil is unnecessary for a screw.

Before	360~380 (N·m)	※M8 × 25 mm
After	360~380 (N·m)	※M8 × 30 mm

9 Last confirmation



Plug

Please tighten a plug cap with a wrench.

Please do the clamping confirmation of each part.

Please paint a chain and a sprocket with oil.

Attention

The chain recommends Kameari reinforcement chain.
A sound of the bearing comes out at the time of the engine start greatly.
When oil circulates, Sound become slightly quiet.
All the sounds of the bearing do not disappear, but are normal.

As for the new chain, growth is early.
Adjust it within 310mile run
Please adjust it to every 621~1,242mile run afterwards.
If the tension of the chain is weak, a trouble occurs.

This part is for competitions.
Cannot use it in the general public road.

A trouble about this part and compensation and the objection are not taken.