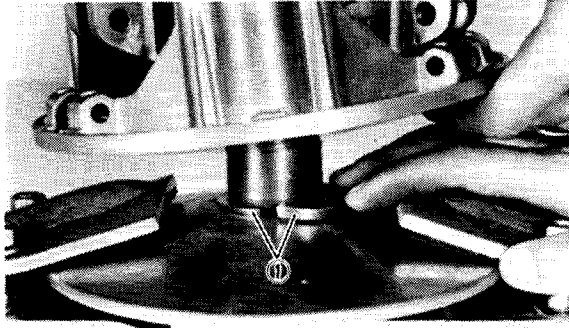


**CAUTION:**

To tighten the fixed sheave, high torque is required. Therefore, make sure the primary sheave, vise and special tools are placed securely also take care not to crack the fixed sheave.

Tightening torque:  
200 Nm (20.0 m·kg, 145 ft·lb)



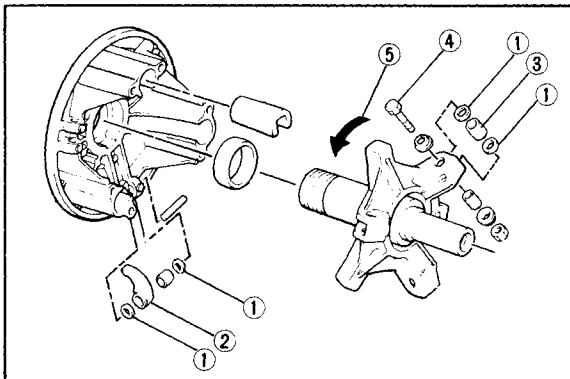
1. Fixed sheave stopper

4. Install the rollers and weights into the sliding sheave and spider.  
Torque the roller securing bolts to specification.

**NOTE:**

1. Be sure there is a washer on each side of the roller and weight.
2. The bolt head must be to the right of the roller as show in the illustration.

Tightening torque:  
5 Nm (0.5 m·kg, 3.6 ft·lb)

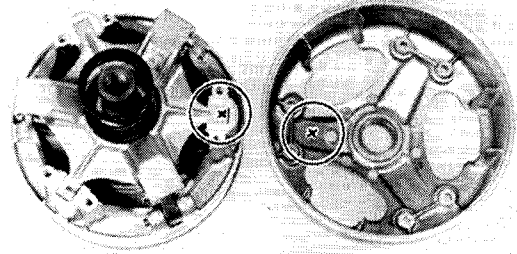


1. Washer
2. Weight
3. Roller
4. Bolt
5. Turning direction

5. Install the primary sheave cap onto the spider as shown.

**NOTE:**

1. Before installing the primary sheave cap, use molybdenum sprays liberally on the weights.
2. Be sure the "X" on the sheave cap aligns with the "X" on the spider.

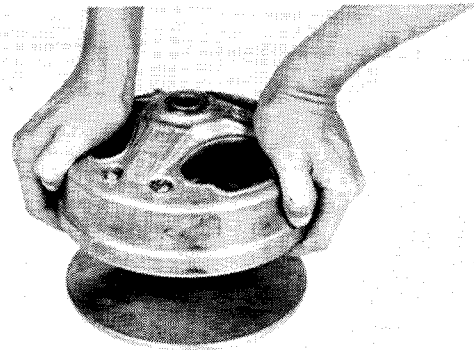


6. Secure the primary sheave cap with the securing bolts. Torque the bolts to specification.

**NOTE:**

Check the movement of the sliding sheave. If it is not smooth, disassemble the primary sheave. Then, reassemble it correctly.

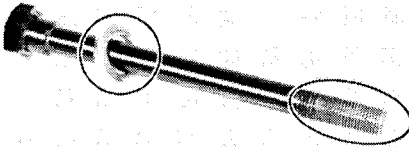
Tightening torque:  
14 Nm (1.4 m·kg, 10 ft·lb)



## Installation

When installing the primary sheave, reverse the removal procedure. Note the following points:

1. Before installing the primary sheave, clean the oil off the tapered portion of the crankshaft using a lacquer thinner.
2. Before tightening the primary sheave mounting bolt, apply engine oil to the thread portion of the mounting bolt and its contact surface with the spring washer.



3. Tighten the mounting bolts with the special tools to specification.

Tightening torque:

A: 100 Nm (10 m·kg, 72 ft·lb)

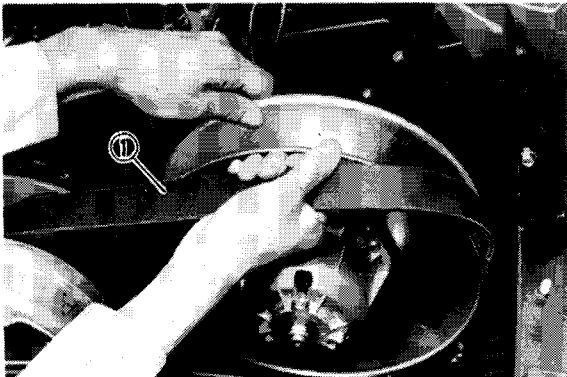
B: 60 Nm (6.0 m·kg, 43 ft·lb)

Tighten the bolt to A to properly seat the primary sheave on the crankshaft. Loosen the bolt, then torque it to B, the final torque.

## V-BELT

### Removal

1. Turn the secondary sliding sheave clockwise, and push it towards the chain case.
2. While holding the sliding sheave in this compressed position, remove the V-belt from the secondary sheave. Then, remove it from the primary sheave.



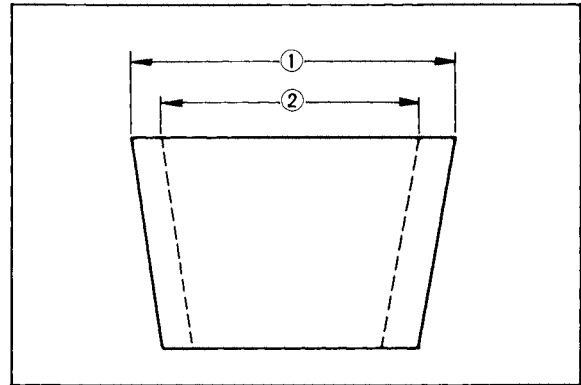
## Inspection

1. Visually inspect the V-belt for signs of damage. Replace the belt, if it is damaged.
2. Measure the width of the V-belt. If the belt is worn beyond the wear limit, replace it.

Belt width:

New: 31.6 mm (1.24 in)

Wear limit: 28.0 mm (1.10 in)



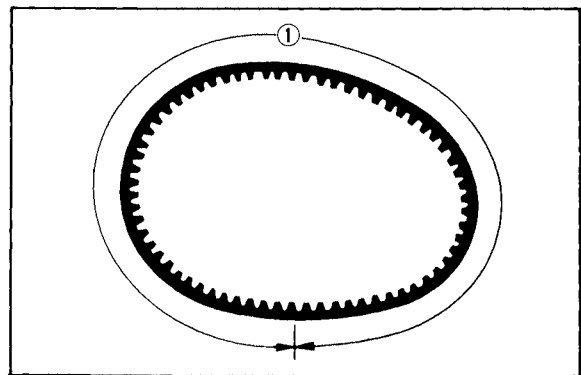
1. New

2. Wear limit

3. Measure the length of the V-belt. It should be within specification; if not, replace the belt.

Belt length:

1,099 mm (43.26 in)



1. V-belt length

## Reassembly

When reassembly the V-belt, reverse the removal procedure. Note the following points:

1. Before installing the V-belt, clean the oil off the fixed sheaves and sliding sheaves using a lacquer thinner.