

Fig. 12-4 ① Vernier caliper  
② Rear cushion spring

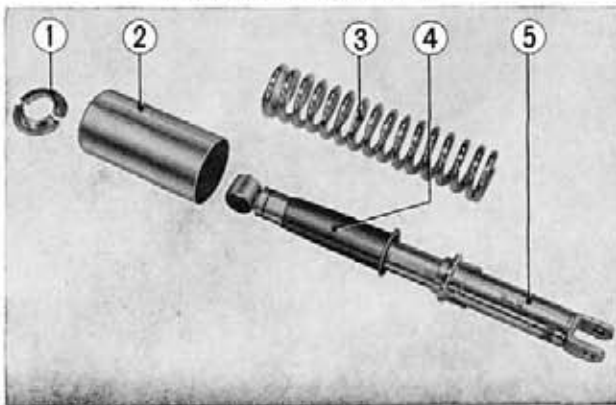


Fig. 12-5 ① Spring seat stopper  
② Rear cushion upper case ③ Rear cushion spring  
④ Rear cushion spring guide ⑤ Rear damper unit

2. Rear cushion spring trueness  
Set the spring up on its end on the surface gauge and measure the amount of tilt with a square and vernier caliper.  
If the tilt is over  $2.5^\circ$ , the rear cushion should be replaced.
3. Inspect the cushion damper to insure that there is no fluid leakage.
4. Inspect the damper case and rod to insure that they are not damped or deformed.
5. Inspect the rear cushion stopper to insure that it is not damaged or deformed.

#### d. Reassembly

1. Assemble the under seat, spring and upper case to the damper. Compress the assembly using a rear cushion assembly tool (Tool No. 07959-3290000) and lock the assembly with spring seat stopper. (Fig. 12-5)

**Note:** Upon completing the assembly, actuate the cushion assembly by hand to make sure that they are not binding.

2. Mount the rear cushion on the frame with the rear cushion cap nut and bolt.

**Note:** After installing the cushion, check the alignment of the right and left cushion and also the alignment of the cushion mounting bolt for both right and left sides (Fig. 12-6).

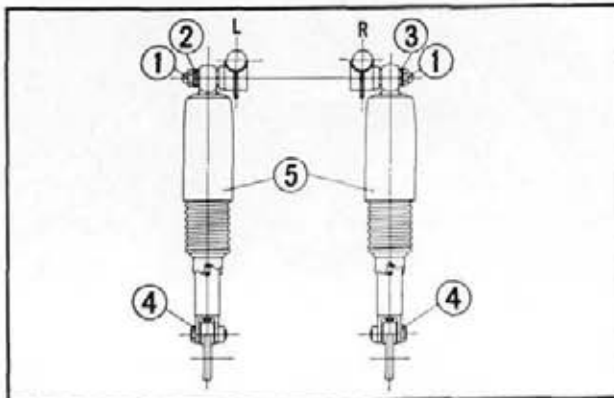


Fig. 12-6 ① 10mm cap nuts ④ 10mm bolts  
② Side grip ⑤ Rear cushions  
③ Washer