

Item	Standard value	Serviceable limit
Rear fork		
Pivot bush inner diameter	0.8426~0.8447 in. 21.403~21.455 mm	0.8504 in. 21.6 mm
Center collar outer diameter	0.8412~0.8425 in. 21.367~21.400 mm	0.8386 in. 21.3 mm

DIAGNOSIS

Trouble	Probable Causes	Remedy
Soft suspension	1. Loss of spring tension 2. Excessive load	Replace
Hard suspension	1. Ineffective front cushion damper 2. Ineffective rear cushion damper	Replace Replace
Suspension noise	1. Cushion case rubbing 2. Interference between cushion case and spring 3. Damaged cushion stopper rubber 4. Insufficient spring damper oil (front and rear)	Inspect cushion spring and case Repair Replace Replace

12-2 REAR SHOCK ABSORBERS

a. Description

The rear suspension is a swing arm type with a large stroke of 3.43 in. (87 mm).

A De Carbon type rear damper is employed on the CB750 is of a single cylinder double acting type. (Fig. 12-1)

This damper is, as shown in the figure below, a double-acting type single cylinder in which nitrogen gas and oil are used to give an optimum damping performance under all bumping and rebounding conditions. Over the damper is installed a dual-pitch spring which absorbs a wide range of vibrations or shocks and maintains the unit in accurate alignment. Another design feature is that the cushion is adjustable for different riding, loading and road conditions.

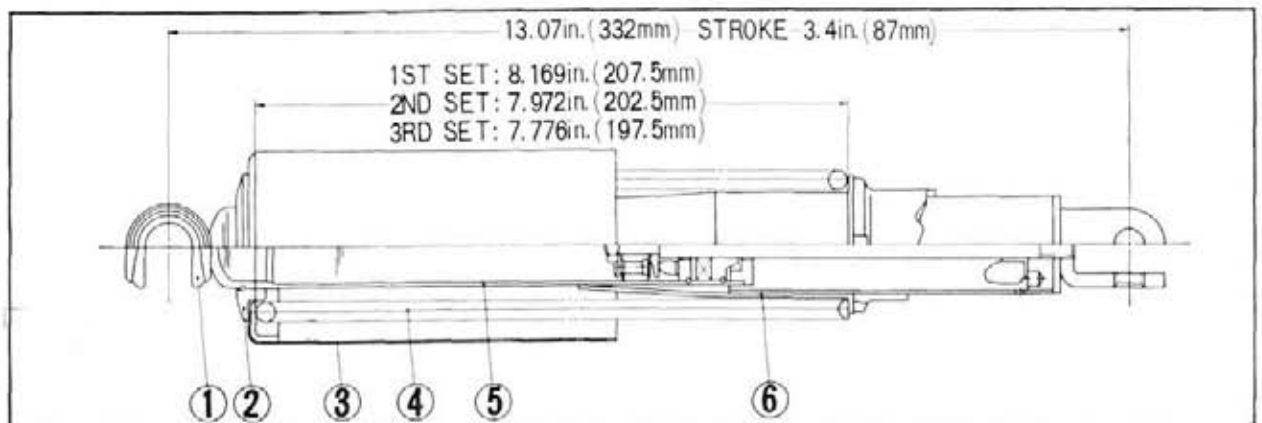


Fig. 12-1

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|----------------------------|-----------------------------|
| ① Joint rubber | ④ Rear cushion spring |
| ② Spring seat stopper | ⑤ Rear damper assembly |
| ③ Rear cushion upper cover | ⑥ Rear cushion spring guide |