

Fig. 5.17 Adjusting clutch cable
 ① Clutch cable adjuster
 ② Lock nut

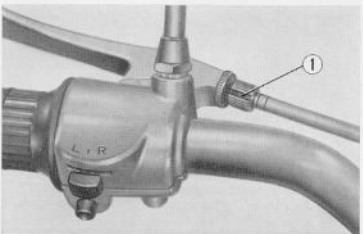


Fig. 5.18 Adjusting clutch cable
 ① Clutch cable upper adjuster

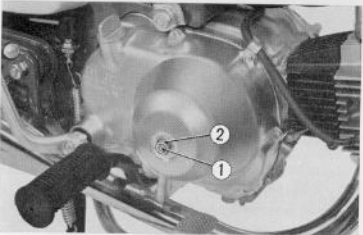


Fig. 5.19 Adjusting the clutch
 ① Clutch adjusting screw
 ② Lock nut

10. Clutch adjustment

The function of the clutch is to transmit or disengage the rotary power produced by the engine to the transmission. If the gear is engaged without the clutch being completely disengaged, the motorcycle will start moving with a jolt or the engine will stall out.

On the other hand, if the clutch is slipping, the speed of the motorcycle will "lag" in relation to the engine speed.

1. Lever play

There should be 1 to 1.5 cm (0.4~0.6 in) of free play in the clutch lever before the clutch starts to disengage. (S 90, CL 90, CL 90 L, CD 90) (Fig. 5.16)

2. Adjustment

(S 90, CL 90, CL 90 L, CD 90)

The clutch lever play can be adjusted at the lever by loosening the lock nut and screwing the adjuster bolt in or out. On some models, there is also a provision to perform the adjustment at the adjuster coupling located midpoint on the clutch cable.

The proper clutch lever free travel should be approximately 1~1.5 cm (0.4~0.6 in) when measured at the end of the lever. (Fig. 5.17, 18)

(C 90 and CT 90)

The C 90 and CT 90 are equipped with an automatic clutch and, therefore, does not have a clutch lever.

The clutch adjustment is made at the clutch adjusting screw. ① (Fig. 5.19)

1. Loosen the lock nut ② and turn the adjusting screw ① to the left, using a screwdriver, until the turning becomes hard and then turn in the opposite direction about $\frac{1}{8}$ turn and tighten the lock nut. This should provide the proper automatic operation. (Fig. 5.19)
2. By turning adjusting screw to right, the clutch disengagement will be slowed and to left it will be quickened.

Inspection

(S 90, CL 90, CL 90 L, CD 90)

1. Kick start the engine and shift into low gear, shifting should be smooth without any jolt or engine stall when the gear is engaged.
2. The motorcycle should move smoothly as the clutch lever is gradually released.