

ADJUSTMENT

FASTENER	TORQUE VALUE	
Clutch adjuster screw jam nut	72-120 in-lbs	8.1-13.6 Nm
Clutch cable adjustment jam nut	120 in-lbs	13.6 Nm
Clutch inspection cover screws	84-108 in-lbs	9.5-12.2 Nm

NOTE

Perform the clutch adjustment with the motorcycle at room temperature. The clearance at the adjuster screw will increase as the powertrain temperature increases. If adjuster screw is adjusted with powertrain hot, clearance at push rod bearing could be insufficient with powertrain cold and clutch slippage could occur.

- Stand motorcycle upright and level.
- Remove clutch inspection cover from primary chaincase cover.
- Remove seal ring from clutch inspection cover and discard.
- See Figure 1-14. Add freeplay to cable.
 - Slide rubber boot (1) off cable adjuster.
 - Loosen jam nut (3) and back away from cable adjuster.
 - Move adjuster (2) toward jam nut to introduce a large amount of free play at hand lever.
- See Figure 1-15. Loosen jam nut (1) on clutch adjuster screw. Turn adjuster screw (2) inward (clockwise) until lightly seated.
- Back out adjuster screw 1/2 to 1 full turn. While holding adjuster screw, tighten jam nut to 72-120 in-lbs (8.1-13.6 Nm).
- Squeeze clutch lever to maximum limit three times to set ball and ramp release mechanism.
- See Figure 1-14. Check freeplay.
 - Turn cable adjuster (2) away from jam nut (3) until slack is eliminated at hand lever.
 - See Figure 1-15. Pull clutch cable female (2) away from clutch lever bracket to check free play. Turn cable adjuster as necessary to obtain 1/16-1/8 in. (1.6-3.2 mm) free play between end of cable female and clutch lever bracket.
- Hold adjuster and tighten jam nut to 120 in-lbs (13.6 Nm). Cover cable adjuster mechanism with rubber boot.
- Swab all lubricant from seal ring groove in clutch inspection cover. Install new seal ring in groove with nubs contacting ring groove walls.
- Fasten clutch inspection cover to primary chaincase cover. Alternately tighten screws to 84-108 in-lbs (9.5-12.2 Nm) in the sequence shown in Figure 1-10.



Figure 1-14. Clutch Cable Adjuster



Figure 1-15. Clutch Adjuster Screw

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CL Gary



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