

9. Clutch/Gearshift Linkage

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Service Information

- Clutch and gearshift linkage maintenance can be done with the engine in the frame.
- Transmission oil viscosity and level have an effect on clutch disengagement. When the clutch does not disengage or the vehicle creeps with clutch disengaged, inspect the transmission oil level before servicing the clutch system.

Troubleshooting

Hard To Shift

- Incorrect clutch adjustment
- Loose stopper plate bolt
- Damaged stopper plate and pin
- Damaged gearshift spindle

Transmission Jumps Out Of Gear

- Worn shift drum stopper arm
- Weak or broken shift arm return spring
- Loose stopper plate bolt

Gearshift Pedal Will Not Return

- Weak or broken gearshift spindle return spring
- Bent gearshift spindle

Clutch Slips When Accelerating

- Worn clutch discs
- Weak clutch springs
- Transmission oil mixed with molybdenum or graphite additive

Motorcycle Creeps With The Engine Idling

- Clutch plates warped
- Faulty clutch lifter
- Incorrect engine oil weight