

5B

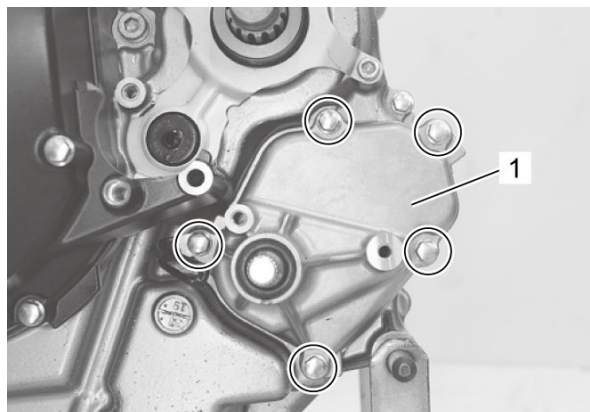


Gearshift Shaft / Gearshift Cam Plate Removal and Installation

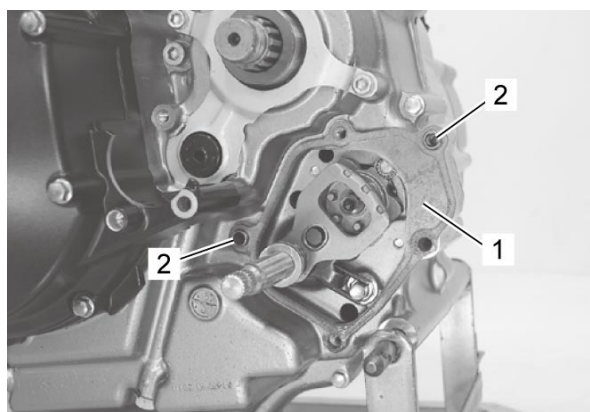
Refer to [Engine Assembly Removal](#) and [Engine Assembly Installation](#).
[Reference: Gearshift Shaft / Gearshift Cam Plate Components](#)

Removal

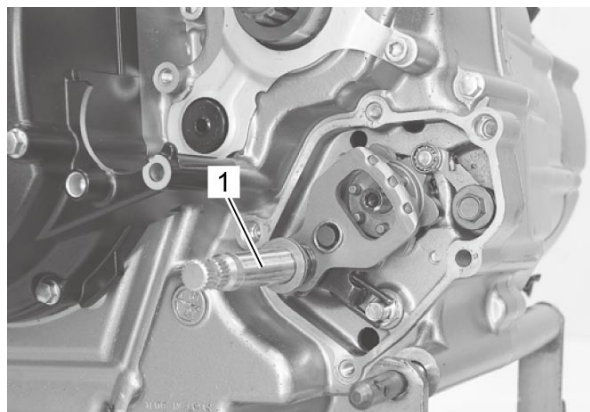
- 1) Remove the gearshift cover (1).



- 2) Remove the gasket (1) and dowel pins (2).



- 3) Remove the gearshift shaft assembly (1).

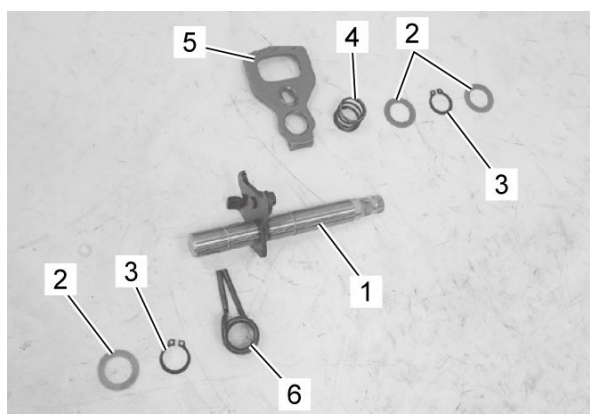


4) Remove the following parts from the gearshift shaft (1).

- Washer (2)
- Snap ring (3)
- Spring (4)
- Gearshift cam drive plate (5)
- Gearshift shaft return spring (6)

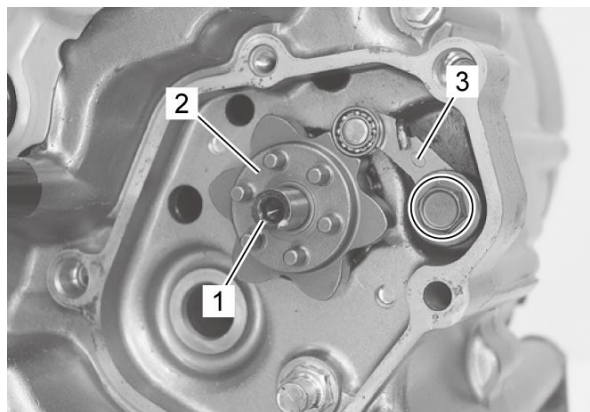
Special Tool

09900-06107

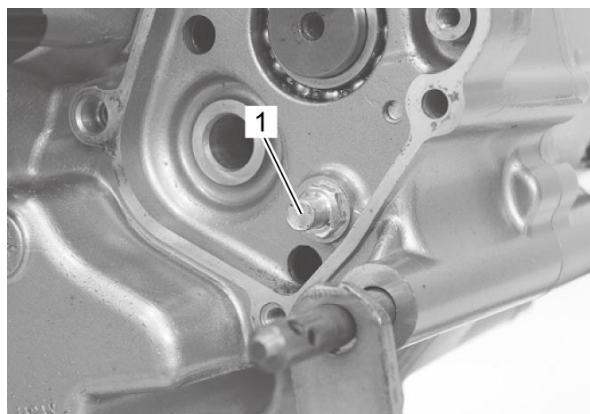


5) Remove the gearshift cam plate bolt (1) and gearshift cam plate (2).

6) Remove the gearshift cam stopper (3).



7) Remove the gearshift arm stopper (1).



Installation

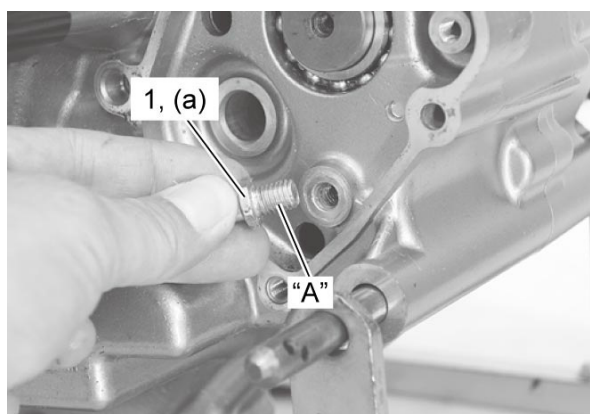
Reference: Gearshift Linkage Inspection

1) Apply a small quantity of thread lock to the gearshift arm stopper (1) and tighten it to the specified torque.

"A": Thread lock cement 99000-32030 (THREAD LOCK CEMENT 1303B)

Tightening torque

Gearshift arm stopper (a): 19 N·m (1.9 kgf-m, 14.0 lbf-ft)





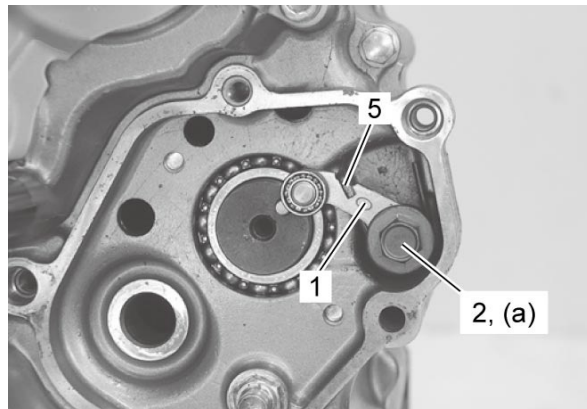
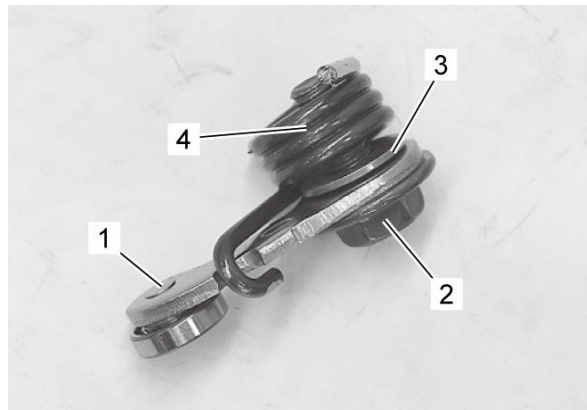
- 2) Install the gearshift cam stopper (1), bolt (2), washer (3) and spring (4).
- 3) Tighten the gearshift cam stopper bolt (2) to the specified torque.

NOTE:

Hook the return spring end (5) to the gearshift cam stopper (1).

Tightening torque

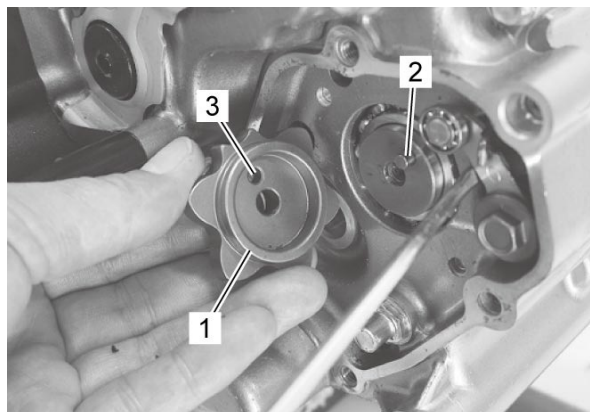
Gearshift cam stopper bolt (a): 10 N·m (1.0 kgf-m, 7.5 lbf-ft)



- 4) Check the gearshift cam stopper moves smoothly.
- 5) Locate the gearshift cam in the neutral position.
- 6) Install the gearshift cam plate (1).

NOTE:

Align the gearshift cam pin (2) with the gearshift cam plate hole (3).

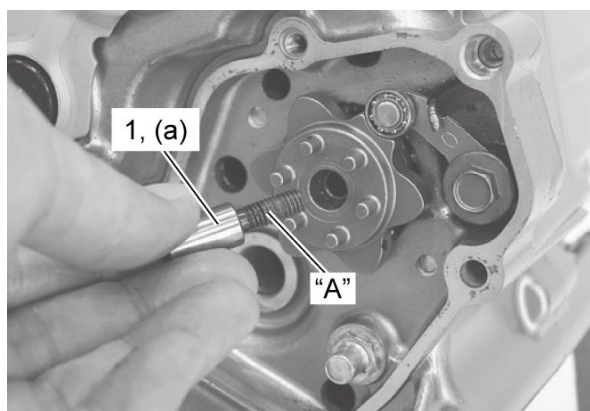


- 7) Apply a small quantity of thread lock to the gearshift cam plate bolt (1) and tighten it to the specified torque.

"A": Thread lock cement 99000-32150 (THREAD LOCK CEMENT 1322D)

Tightening torque

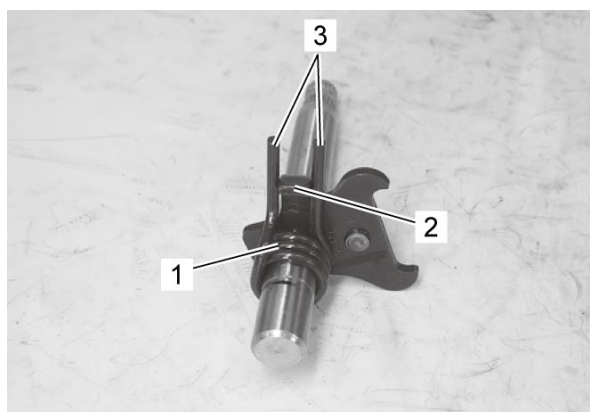
Gearshift cam plate bolt (a): 10 N·m (1.0 kgf-m, 7.5 lbf-ft)



- 8) Install the gearshift shaft return spring (1).

NOTE:

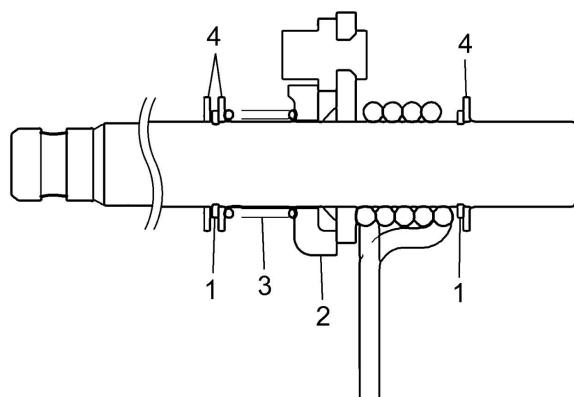
Position the stopper (2) of gearshift arm between the shaft return spring ends (3).





9) Install the following parts.

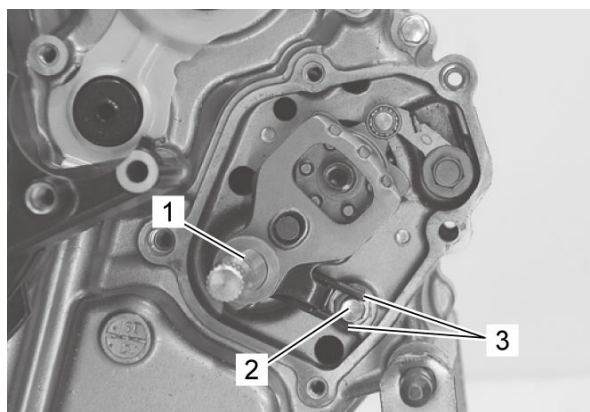
- New snap ring (1)
- Gearshift cam drive plate (2)
- Spring (3)
- Washer (4)



10) Install the gearshift shaft assembly (1).

NOTE:

Pinch the gearshift arm stopper (2) with return spring ends (3).



11) Install the dowel pins (1) and new gasket (2).



- 12)** Install the gearshift cover (1) and tighten its bolts to the specified torque.

NOTE:

Fit the clamp (2) to the bolt.

Tightening torque

Gearshift cover bolt (a): 11 N·m (1.1 kgf-m, 8.0 lbf-ft)

