

5B



Gearshift Fork / Gearshift Cam Inspection

Refer to [Countershaft Assembly / Driveshaft Assembly Disassembly and Reassembly](#).

Gearshift Fork to Groove Clearance

NOTE:

The clearance for each gearshift fork plays an important role in the smoothness and positiveness of the shifting action.

Using a thickness gauge, check the gearshift fork clearance in the groove of its gear. If the clearance checked is noted to exceed the limit specified, replace the fork or its gear, or both.

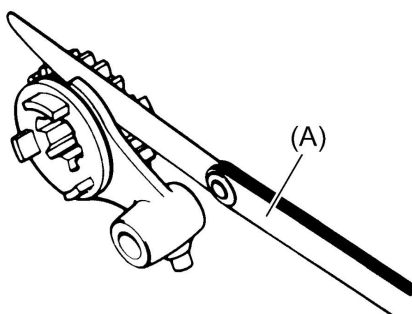
Special Tool

(A): [09900-20803](#)

Gearshift fork to groove clearance

Standard: 0.1 – 0.3 mm (0.004 – 0.012 in)

Service limit: 0.5 mm (0.020 in)



Gearshift Fork Groove Width

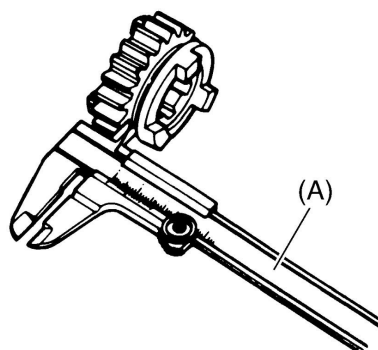
Measure the gearshift fork groove width using the vernier calipers.

Special Tool

(A): [09900-20102](#)

Gearshift fork groove width

Standard (No. 1, 2): 5.0 – 5.1 mm (0.197 – 0.201 in)



Gearshift Fork Thickness

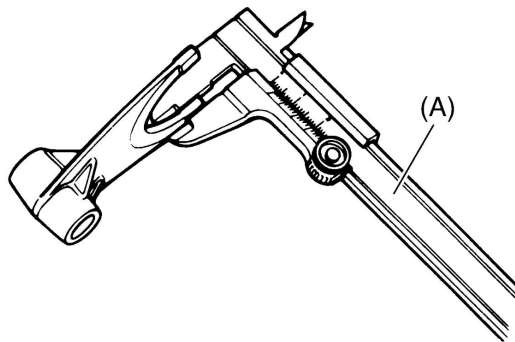
Measure the gearshift fork thickness using the vernier calipers.

Special Tool

(A): 09900-20102

Gearshift fork thickness

Standard (No. 1, 2): 4.8 – 4.9 mm (0.189 – 0.193 in)



Gearshift Cam

Inspect the gearshift cam groove for abnormal wear and damage. If any defects are found, replace the gearshift cam with a new one.

