

1) Operation

By stepping down or kicking up the shift pedal, the shift lever turns the shift shaft, and the shift lever pawl transmits this motion to the shift drum. As the shift drum turns, the selector forks follow the grooves in the drum, and their lateral movement shifts the gears at their opposite ends to new positions.

When the shift pedal is released, the shift pedal and shift lever assembly are returned to their original positions by the force of the return spring.

The H Series motorcycles have a "return" type shift with neutral at the lowest position (~ '75 model).

Only on '76 KH500 model, the transmission neutral position is located halfway between 1st and 2nd gears, and shifting into neutral is done by moving the shift pedal a half-stroke from either 1st or 2nd gear.

H Series (~'75 model)

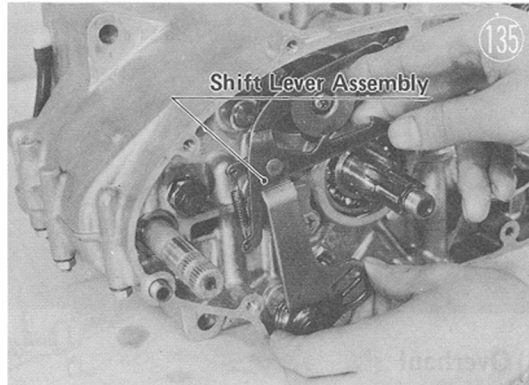
5 th
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 Neutral

KH500

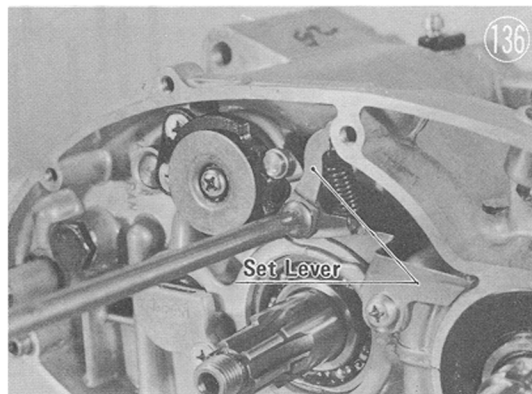
5 th
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 Neutral
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 1 st

2) Disassembly

Disengage the shift lever pawl from the shift drum pins, and remove the shift lever assembly from the crankcase.



Take out the hex-head mounting bolt, and remove the set lever and spring.



Shift Operation

