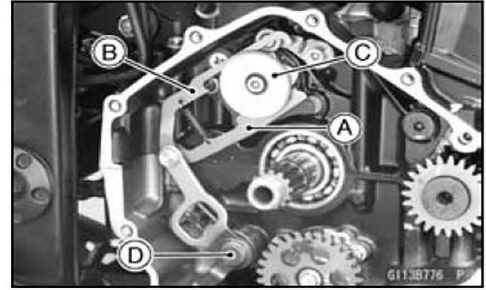


SP13-300 Detent Spring Install Kawasaki Ninja EX300 2013/2017

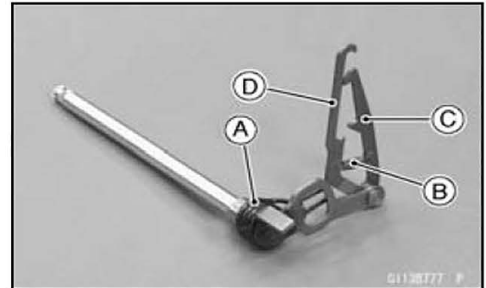
External Shift Mechanism Removal

- Drain:
Engine Oil
- Remove:
Shift Lever
Clutch
- Spread the shift mechanism arm [A] and over shift limiter [B] out of the shift drum [C] and pull out the shaft assembly [D].



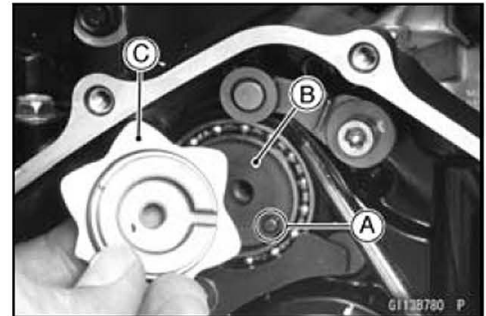
External Shift Mechanism Installation

- Check that the return spring [A] and pawl spring [B] are properly fitted on the mechanism.
 - Install the shift shaft assembly.
 - Place the shift mechanism arm [C] and over shift limiter [D] on the shift drum pins.
 - Install the removed parts
- External Shift Mechanism Inspection
- Examine the shift shaft [A] for any damage.

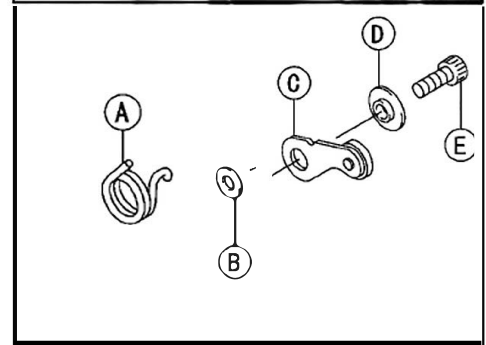


Visually inspect the shift drum pins [A], pin holder [B] and pin plate [C].

**If they are badly worn or if they show any damage, replace them



- Install:
Spears Racing Detent Spring [A]
Washer [B]
Gear Positioning Lever [C]
Spacer [D]
- Apply a non-permanent locking agent to the threads of the gear positioning lever bolt [E], and tighten them.
Torque - Gear Positioning Lever Bolt: 12 N·m (1.2 kgf·m, or 106 in-lbs)
- Check the gear positioning lever and spring for smooth operation.



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