

V-Twin Mfg.
Clutch spring compressor tool
VT No. 16-0967

This tool should only be used by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper use.

WARNING

To avoid accidental start-up of vehicle and possible personal injury, disconnect the battery cables (negative cable first) before performing any of the following procedures.

WARNING

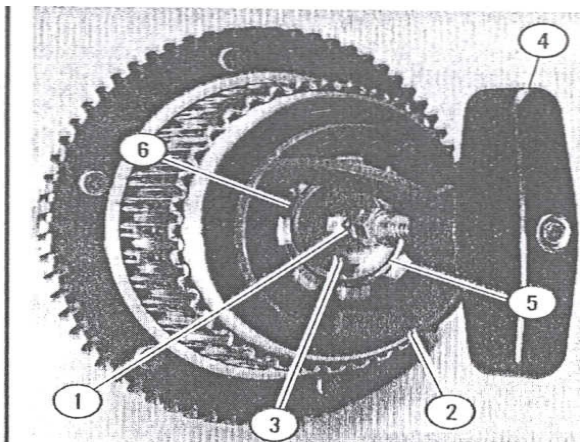
Do not attempt to disassemble the clutch without spring compressing tool. The diaphragm spring is highly compressed and could fly out with great force, causing injury, if the spring compressing tool is not used to remove the spring load Forcing screw.

CAUTION

Do not loosen spring compressing tool unless inspection and or replacement of pressure plate and diaphragm spring is required. Loosening spring compressing tool will allow diaphragm spring to move and not maintain its concentric position on the pressure plate. If the diaphragm spring is not centered in the "spring pocket" of the pressure plate it may cause difficulty finding neutral.

Instructions:

1. Drain primary chaincase lubricant.
2. Remove primary chaincase cover.
3. Loosen jam nut and remove adjuster screw and jam nut.
4. Thread forcing screw of the spring compressing tool. into the threaded hole in release plate until hex on forcing screw contacts release plate.
5. Turn handle clockwise to compress the diaphragm spring and move the clutch spring seal inward enough to allow removing retaining ring. Remove retaining ring with a retaining ring pliers or gently pry ring from its groove with a screwdriver.
6. Remove spring compressing tool with diaphragm spring and pressure plate attached.



1. Forcing Screw
2. Spring Compressing tool
3. Release plate
4. Handle
5. Clutch spring seat
6. Retaining ring