



## Belt Drives Ltd.

### Clutch Adjustment Procedures for Belt & Chain Drives Wet or Dry, You Need To Pre Soak All New Clutch Friction Plates

An improperly adjusted clutch will cause premature failure of major clutch components that can consist of the: transmission mainshaft, throw out bearing, clutch rod ends, pressure plate, clutch plates and clutch cable ends. Some year and model motorcycles are equipped with a ball and ramp system in the transmission side cover. Verify that they are seated in their most upright position.

**Note:** earlier models with a clutch release arm refer to the OEM service manual to set the clutch release arm to its proper distance and position then proceed from step #6 of procedure 1, and step #5 of procedure 2.

There are a various ways to adjust your clutch, we have listed two. Choose one of the following procedures to aide you with your clutch adjustment.

#### **PROCEDURE 1**

1. Loosen in line cable adjuster jam nut and fully collapse the in line cable adjuster.
2. Loosen the clutch cable adjuster screw jam nut and back out adjuster screw 2-3 complete turns.
3. Slowly pull clutch lever in towards the hand lever until lever stops.
4. Slowly turn adjuster screw inwards "clockwise" while watching clutch lever travel outwards.
5. Once clutch lever has stopped moving. Back the adjusting screw out "counter clockwise" 1/4 to 1/2 turn.
6. Snug up the adjuster jam nut, adjust cable free play to the desired 1/8" from inside edge of cable Ferrule to outside edge of clutch perch, snug up cable adjuster jam nut and test clutch lever pull and clutch pressure plate travel, You should be able to pull in clutch lever and be able to turn pressure plate. Minimum travel of pressure plate should be no less than .060" to disengage clutch plates.

7. Perform final lock down of jam nuts. slide any rubber boots back into place, Replace any removed Gaskets, Fluids and Covers.

8. Test ride motorcycle and verify proper clutch operation. Easy to shift, Easy to find neutral, No dragging at light with clutch lever pulled in, No slipping of clutch under riding conditions easy or hard.

## **PROCEDURE 2**

1. Loosen in line cable adjuster jam nut and fully collapse the in line cable adjuster.

2. Loosen the clutch cable adjuster screw jam nut and back out adjuster screw "counter clockwise" 1 complete turn.

3. Slowly turn adjuster screw inward "clockwise" until you feel the adjusting screw meet resistance.

4. Back out adjusting screw 1/4 to 1/2 turn.

5. Snug up the adjuster jam nut, adjust cable free play to the desired 1/8" from inside edge of cable Ferrule to outside edge of clutch perch, snug up cable adjuster jam nut and test clutch lever pull and clutch pressure plate travel, You should be able to pull in clutch lever and be able to turn pressure plate. Minimum travel of pressure plate should be no less than .060" to disengage clutch plates.

6. Perform final lock down of jam nuts. Slide any rubber boots back into place. Replace any removed gaskets, fluids and covers.

7. Test ride motorcycle and verify proper clutch operation. Easy to shift, Easy to find neutral, no dragging at light with clutch lever pulled in, no slipping of clutch under riding conditions easy or hard.