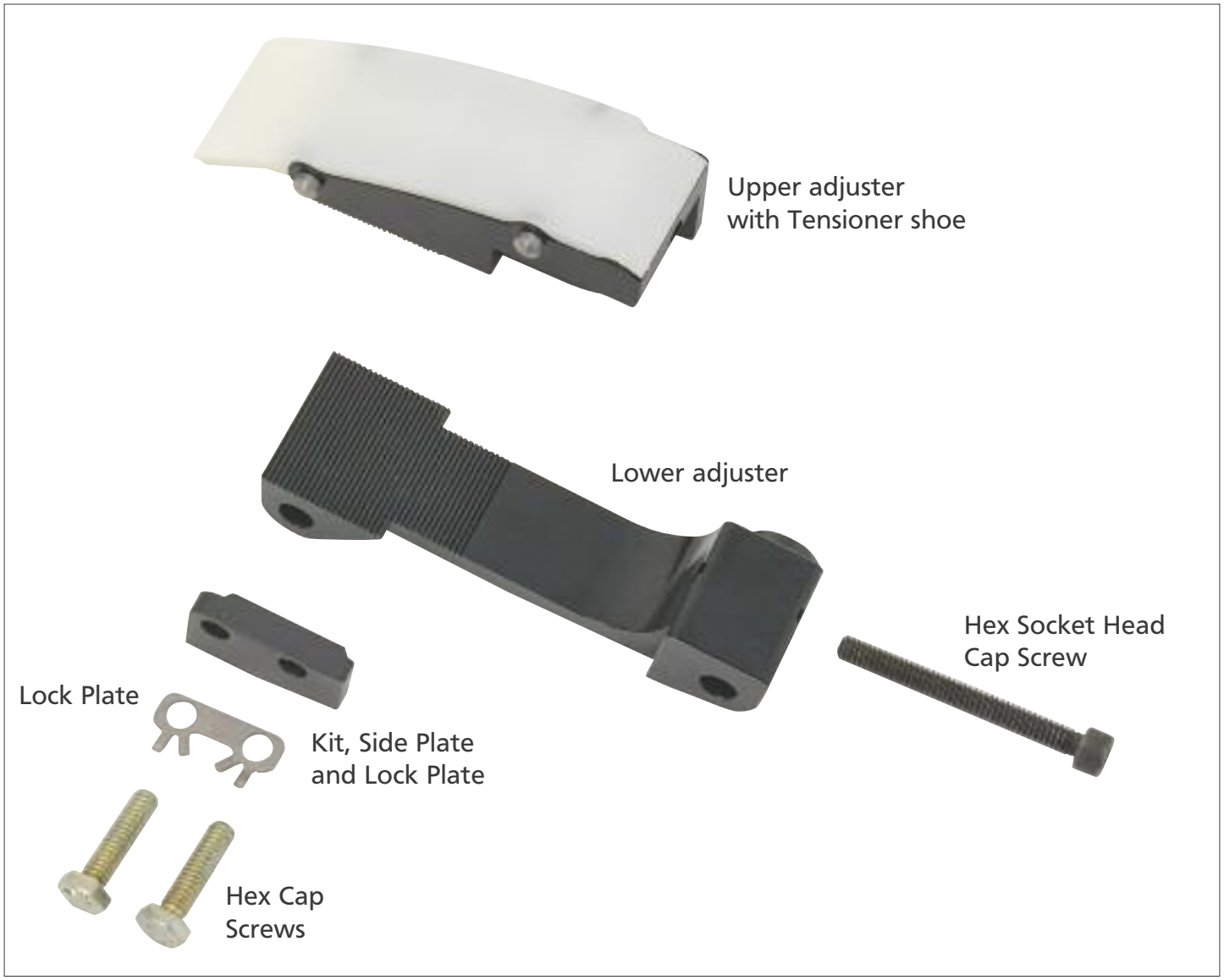
ZPN 210035

ZODIAC REVOX HP MANUAL PRIMARY CHAIN ADJUSTER



NOTE: This High performance part is designed to lock the chain tension to prevent uncontrolled movement of chain and parts during severe shifting. It is most likely that more primary chain noise will be experienced

INSTALLATION

1. Remove seat, disconnect negative (-) battery cable, drain primary lubricant and remove primary cover as per the OEM service manual

2. Remove the two 5/16" UNC screws from the stock automatic chain tensioner and remove the tensioner unit. These two screws are to be used to fit the Revox HP chain adjuster

3. Remove the two 1/4" UNC hex screws, the lock plate and side plate from the Revox chain adjuster assembly. Install the lower adjuster from the kit, re-using the two 5/16" UNC screws from the stock tensioner and tighten to 21-24 ft-lbs (29-33 Nm).

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4. Install the upper adjuster with shoe. Install the two supplied 1/4" UNC hex cap screws through the lock plate and side plate and loosely assemble to upper adjuster.

ADJUSTING PRIMARY CHAIN PLAY

5. Rotate the engine using a wrench on the front sprocket bolt to find the tightest spot by pushing on the upper strand. Verify that it has free up and down movement in the center between the front engine sprocket and the clutch sprocket. Install the 1/4" UNC x 2 1/4" adjusting screw in the right (rear) side of the chain adjuster. Adjust primary chain free play using a ball end hex driver to a free play of:
   5/8-7/8 inch (16-22 mm) when engine is cold
   or 3/8-5/8 inch (10-16 mm) when engine is hot

Note: Replace the primary chain when worn or when it cannot be properly adjusted. Keep primary chain properly adjusted because allowing the chain to run too tight or too loose will result in excessive wear of both chain and sprockets.

6. Tighten side plate screws to 55-60 in-lbs (6-7 Nm). Bend a tab of the lock plate for each hex cap screw choosing a tab that is closest to a flat on the hex cap screw.

IMPORTANT! Remove the adjustment screw from the Revox HP chain adjuster when adjustment is complete and save it for later adjustment purposes.

7. Reinstall drain plug and the primary cover with a new cover gasket and fill with lubricant* as per the OEM service manual.

***NOTE:** Zodiac highly recommends using Spectro Primary Chain & Transmission Lubricant (ZPN 235198)

8. Connect negative cable (-) to battery

9. Refer to the applicable service manual and install seat.