

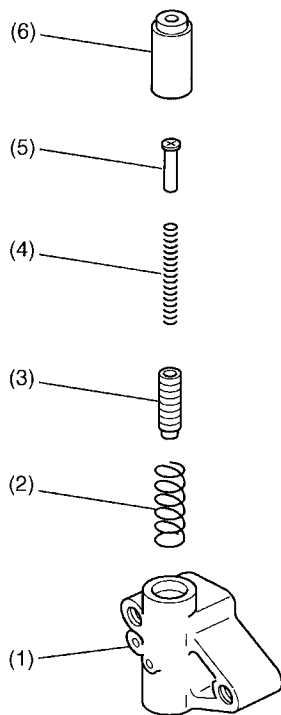
AUTOMATIC CHAIN TENSION ADJUSTER

Mechanical

3. Automatic Chain Tension Adjuster

The right and left bank timing chains are provided with their own tensioners. The tensioners are of a hydromechanical type that utilizes the engine oil pressure and can automatically keep the tension of the chains at a proper level without need for manual adjustments.

The tensioner case has an oil port that aligns with the oil port in the cylinder block when it is installed in position. The inside of the tensioner case is a high-pressure hydraulic chamber with a check ball. The pressure of the oil in the chamber is adjusted by the relief valve. Since the tensioner has a plunger with external screw threads and springs with adequate tension ratings inside, it can keep the plunger extended even when the engine oil pressure drops following a stop of the engine.



- (1) Tensioner case
- (2) Spring
- (3) Plunger

- (4) Spring
- (5) Adjuster rod
- (6) Plunger case

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