



14. TECHNICAL FEATURES

The automatic chain tensioner consists of a push rod, a one-way valve and a tensioner spring. The push rod position is maintained by a constant amount of cam chain-splashed oil in the oil chamber. The amount of oil present is determined by a combined action of the valve and the tensioner spring.

When the tensioner spring pushes the rod up to remove chain slack, the one-way valve opens and allows oil collected in the rod to flow into the oil chamber.

When excess tension starts to move the push rod down, pressure from the oil in the chamber forces the valve closed so the position of the rod is maintained.

