RESETTING LEFT CAM CHAIN TENSIONER

Special Tools: Click to display a list of tools used in this procedure

The left side cam chain tensioner used on the 3.6L engine is equipped with a ratchet. The ratchet consists of a rack (2) and a pawl (1). In use, the rack (2) extends with the piston (3) from the tensioner body. The pawl (1) will not allow the rack (2) to retract back into the tensioner body. In order to reset the tensioner, the pawl (1) must be disengaged from the rack (2) so that the piston (3) and rack (2) can be pushed back (4) into the tensioner body.

NOTE: The slot (2) in the rack provides an anchor point for a pin that holds the rack in the retracted position.

1. Using a suitable tool, such as an allen wrench (1), lift the pawl off of the rack.
2. While holding the pawl off of the rack, push the rack and the piston into the tensioner body.

3. When the slot is aligned with the hole in the tensioner body, insert Tensioner Pin 8514 (1) to hold the rack and piston in the retracted position.

WITH ENGINE TIMING COVER INSTALLED

**NOTE:** Graphic shows timing cover removed for clarity.

1. Using Pin 10200-3 (2), lift the pawl off of the rack (3).

2. While holding the pawl off of the rack, push Holder, Timing Chain, Left Side 10200-1 (1) into place between the cylinder head and the cam chain guide to force the rack and piston back into the tensioner body. The holder must remain in place during service to keep the rack and piston in the retracted position.