

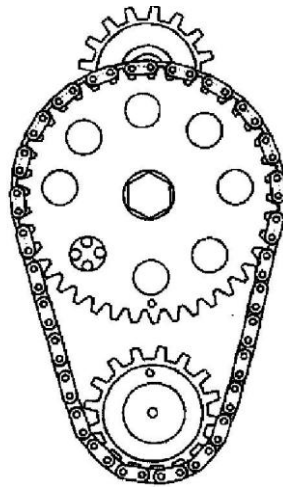


2001 Chevrolet Camaro V6-3.8L

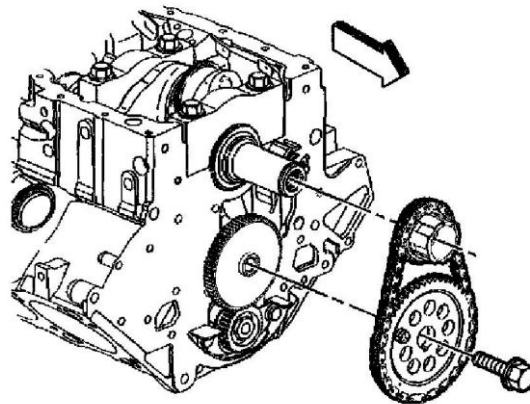
Timing Chain: Service and Repair

Timing Chain and Sprockets Installation

- ^ Tools Required
- J 36660-A Torque Angle Meter



1. Install the crankshaft balancer key into the crankshaft keyway.
The crankshaft balancer key should be parallel to the crankshaft or with a slight incline.
2. Install the timing chain on the sprockets. Align the timing marks.



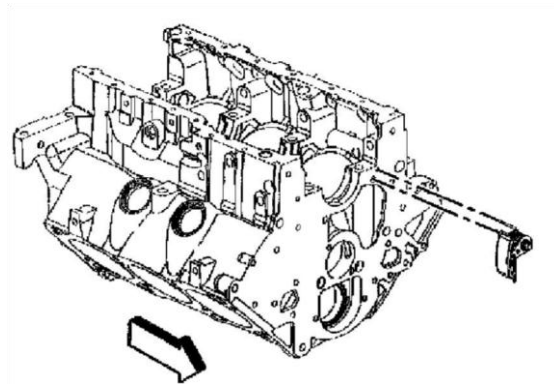
3. Install the timing chain, the crankshaft sprocket, and the camshaft sprocket.

Notice:

^ Refer to Special Fastener Notice in Service Precautions. ^ Refer to Fastener Notice in Service Precautions.

4. Install the camshaft sprocket bolt.

Tighten the camshaft sprocket bolt to 100 Nm (74 ft. lbs.). Use J 36660-A to tighten the camshaft sprocket bolt an additional 90 degrees.



5. Install the timing chain dampener.
Tighten the timing chain dampener bolt to 22 Nm (16 ft.
lbs.).