



# Quick-Change Cam Cover Kit #1099

Fits Chevrolet 90° V6 229-262, 1980-95  
and Chevrolet V8 265-400, 1955-91

## INSTALLATION INSTRUCTIONS

1. Remove harmonic balancer pulley/balancer, oil pan, water pump pulley/water pump and timing cover.
2. Remove oil pan, timing cover and water pump gaskets. Clean engine block mating surface area.
3. Install horseshoe timing cover gasket onto engine block\*.
4. Install crankshaft oil seal into cam cover. Support cover at seal area and insert new seal so opened end is toward the inside of cam cover. Drive seal into position.
5. Install retainer ring onto dowel pins on front of engine block. Place oval quick change timing cover gasket and timing cover onto retainer ring. Install mounting bolts into engine block hand tight. Do not tighten front cover mounting bolts at this time.
6. Install oil pan\*. A thin (.250" h) and thick (.380" h) front oil pan seal is supplied. The thin seal fits engines from 1955-74 and thick seal fits engines from 1975-91 using a stock oil pan.  
  
For aftermarket oil pans, check with the oil pan manufacturer to confirm the correct front seal thickness to be used with their oil pan.
7. To reduce the possibility of a front cover seal leak it is advisable to install the harmonic balancer before tightening the front cover bolts. This procedure allows the front cover & oil seal to center itself to the crankshaft.
8. Tighten front cover mounting bolts to proper torque specification (refer to vehicle manufacturer service manual for correct fastener torque specification). Do not over-tighten mounting bolts.
9. Install water pump\* and engine pulleys.
10. Start engine and check for leaks to complete installation.

***Retain this Instruction Sheet  
for Future Reference.***