



**INSTALLATION INSTRUCTIONS  
CHROME TIMING COVERS  
4591 (BBC)**

**NOTE: For Use with O.E.M. Style Timing Chain Only!**

1. Remove the harmonic balancer, water pump, and oil pan.
2. Unbolt and remove the stock timing cover and gasket.
3. Remove the old water pump and timing cover gaskets. Be sure that the mating surfaces of the water pump and block are clean and flat.
4. Make certain that the oil slinger is in place against the crankshaft sprocket.
5. Support the cover at the seal area and install the new seal so the open end of the seal is toward the inside of the cover and drive seal into position.
6. Coat oil seal with light grease. Using a new timing cover gasket and front oil pan seal supplied, install timing cover and gasket over dowel pins in cylinder block.
7. Install and torque timing cover bolts (supplied) to 80 in./lbs. **CAUTION! Do not over tighten.**
8. Install oil pan, water pump, and harmonic balancer
9. Start engine and check for leaks to complete installation.

[www.holley.com](http://www.holley.com)

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