



V-6 Valve Covers

INSTALLATION INSTRUCTIONS

- Step 1** Disconnect neg (–) battery terminal.
- Step 2** Remove spark plug wires, air inlet tube and any wire looms etc. which will restrict access to the valve covers for removal.
- Step 3** Disconnect the PCV valve and breather hose from the factory valve covers.
- Step 4** Remove upper intake manifold assembly from engine, this at first appears involved however is accomplished quite easily in approx. 15 min. Be sure not to damage the gasket between the upper and lower manifolds, it can be reused or replaced with a new gasket if desired.
- Step 5** Remove all bolts attaching valve covers to engine and remove from vehicle. Some of the attaching bolts act as a wire loom post and can be reused in place of the supplied stainless hardware. Any grommet or metal spacer attached to the bolt can be removed by securing the spacer gently in a vice and tapping the bolt through.
- Step 6** Thoroughly clean the gasket surfaces and verify no dirt or debris have fallen in to the cylinder head.
- Step 7** Prep supplied gaskets by pressing one compression stop into each bolt hole and very carefully place on the cylinder heads making sure none of the compression stops has fallen into the engine.
Note: a small dab of silicone sealer placed in spots around the cylinder head surface will allow the gasket to stick in place easing bolt alignment when installing valve covers
- Step 8** Swap the stock grommets, pcv valve and breather tube to the BBK valve covers in the appropriate locations.
- Step 9** Carefully place valve covers into position making sure not to damage the powder coat, chrome or move the gasket from its aligned position.
- Step 10** Carefully start all mounting bolts by hand, cylinder heads are aluminum and will strip easily if not started by hand.
- Step 11** Tighten bolts according to diagram below. Tighten in steps until gasket is compressed to the stops then torque approx. 10 ft/lbs or a gentle cinch using a 3/8 drive ratchet.
- Step 12** Reattach all previously disconnected items and reattach neg. (–) battery terminal.
- Step 13** Start engine, check for leaks etc. and enjoy the enhanced looks underhood.

