



P95470/95475 LS-3 Modular Valve Covers.

Supplies Needed:

- Anti-Seize Compound
- Torque wrench that reads inch-pounds
- 5/16" 12pt. Socket
- 1/2" Socket
- 5/32" Allen wrench
- 3/16" Allen wrench

These valve covers are designed to work with GM LS-3 coils P/N 12611424 if you do not have this coil do not proceed until you have the correct coils for installation.

•Valve Cover Base Installation



Install spacer nuts into cylinder head and torque to 45 inch-pounds.

Do Not Over-Tighten!

Install gasket (not supplied) into gasket rail on valve cover base, place valve cover on cyl. head.

Place a 1/4" flat washer onto each of the 1/4-20 X 1-1/4" socket head cap screws and thread thru valve cover into spacer nut. Torque each fastener to 96 inch-pounds.

Do Not Over-Tighten!

•Harness Prep and Installation

- (1) Remove coils and harness from the factory metal bracket.



- (2) Remove the plastic harness cover.



- (3) Mount the coils to the valve cover base with the 1/4-20 X 3/4 button head cap screws, at this time only attach the bottom of the coil. Locate the 1/8 coil plug identified by the plug that has the pink/purple/brown & black wires.

- (4) Plug the 1/8 into the coil on the left side of the valve cover (nearest the oil fill).



- (5) For the next coil, clip the plug onto the coil and route that wire under the coil boss while routing the main trunk over the top as shown. The large plug will now be in position to route through the notch in the top cover.



- (6) Repeat procedure with the next coil, main trunk on top and coil wire under the coil boss.



- (7) Finish by routing only the coil wire under the boss on the final coil.



Install and tighten all button heads firmly at this time.

Completed Coil Installation

Should look like this.



Coil Cover Top Installation



Apply Anti-Seize to the threads of the 1/4-20 X 1-1/4 ARP 12pt. cap screws. Install top billet coil cover carefully not to pinch coil harness and tighten.