



P95570/P95575/P95580/P95585 LT Modular Valve Covers

These valve covers will not work with the OE vehicle harness without modification. Requires removing the coil wires from the loom and possibly lengthening the wires to each coil. Engine swap/stand-alone harnesses are recommended and may need to be modified as well.

These valve covers are designed to work with the following Coils;

- GM P/N 12619161
- AC Delco P/N 12713668

If you do not have this coil - Do Not Proceed until you have the correct coils for installation.

Supplies Needed:

- Anti-Seize Compound - apply to all threads.
- Torque wrench
- 5/32" Allen wrench
- 8mm 12pt. Socket
- 5mm Allen wrench

•Valve Cover Base Installation

Remove the harness and coils from the OE Valve Covers

Remove the OE valve covers. If you are going to reuse the valve cover gasket, remove them from the valve cover. For new valve cover gaskets use GM P/N 12619787.

Install the valve cover gaskets into the new valve cover bases.

Each base is clearly marked "Driver" & "Passenger" Note: The driver side has the oil fill cap.

Place the valve cover base onto the cylinder head, Install the three M6-1.0 x 25mm Socket Head Cap Screws into the three counter-sunk holes in the top center of the valve cover base and loosely tighten.

*On the driver side valve cover base, it has been machined to accept the fuel line and bracket.



Install the fastener through the bracket and valve cover base and into the cylinder head as shown.

Next, install the two M6-1.0 x 40mm ARP 12pt on each top corner and loosely tighten.

Finish by installing the five M6-1.0 x 25mm ARP 12pt on the bottom flanges. Torque all fasteners to 12ft/lbs.

Repeat steps for the other side.

•Coil Installation

Install the coils with the eight 1/4-20 x 3/4 Button Head Cap Screws. Finger-tighten at this time.

•Coil Harness Installation

Carefully remove the harness covering. Install the coil wires onto the coils leaving room to route all the wires through the center of the valve cover. Some wires may need to go under the coil as shown so the cover will clear the wires. Finish by tightening the 1/4-20 x 1/2 Button Head Cap Screws on the coils. Torque to 10ft/lbs.



•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 cover carefully not to pinch the coil harness. Tighten to 10 ft/lbs.