



301 Highgrove Road
Grandview, Missouri 64030
P. (800) 821-3600 F. (816) 765-2452
www.Taylorvertex.com

Spacer-MAX

Installation Instructions

(1999-2005 GM LS1 5.7L 1.00" spacer Part #555770)

Important! Read all instructions before you begin installation.

Spacer Max
Valve Cover Risers



Parts List

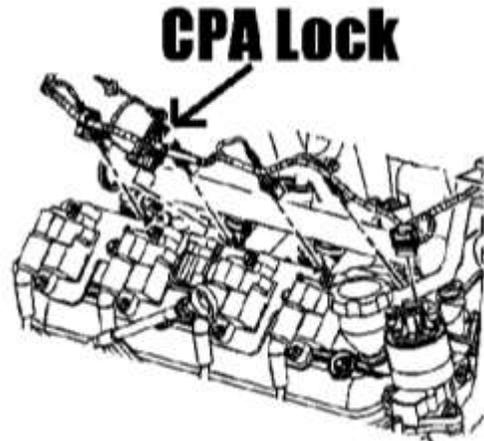
2 Spacer-Max spacers (1.00")	SM0006
8 6mm x 95mm socket cap bolts	210-0011
8 Large Rubberback washers	210-0107
8 6mm x 1" threaded standoffs	S210-10115
1 Rocker cover gasket set (2)	222-0001

*Read this instruction manual completely before attempting to install your **Spacer-Max Valve Cover Spacers**. Failure to do so may result in damage to your engine or vehicle and /or physical harm to yourself. Street & Performance Electronics is not responsible of damage or injuries caused by improper use of this manifold spacer kit.*

P/N 555770-7/13/10

Spacer-MAX Installation Right Side REMOVAL

1. Remove the engine sight shield, if required.
2. Remove the connector position assurance (CPA) lock. Disconnect the main electrical connector to the ignition coil wire harness. Remove the harness clips.
3. Remove the spark plug wires from the ignition coils. Twist each plug wire 1/2 turn. Pull only on the boot in order to remove the wire from the ignition coil.
4. Reposition the surge tank/heater hoses from the heater hose bracket. Remove the heater hose bracket nut and bracket.
5. Remove the ignition coil bracket studs from the rocker arm cover. Remove the ignition coils and bracket from the rocker cover.
6. Remove the vent hose from the throttle body and valve rocker arm cover.
7. Remove the valve rocker arm cover bolts. Separate OE valve cover bolts from the grommets and discard bolts. The bolt grommets may be reused if not damaged.



Place a 8mm or 10mm wrench into a vise to act as a surface for the shoulder of the guide to rest on. Tap the bolt out from the guide.



INSTALLATION

1. Install rocker arm assemblies as per manufacturer instructions.
2. Install a NEW rocker cover gasket into the groove of the Spacer-Max spacer.
3. Place a Spacer-Max spacer onto the cylinder head.
4. Assemble the valve cover retaining bolts, washers, and grommets through the valve cover in the following order:

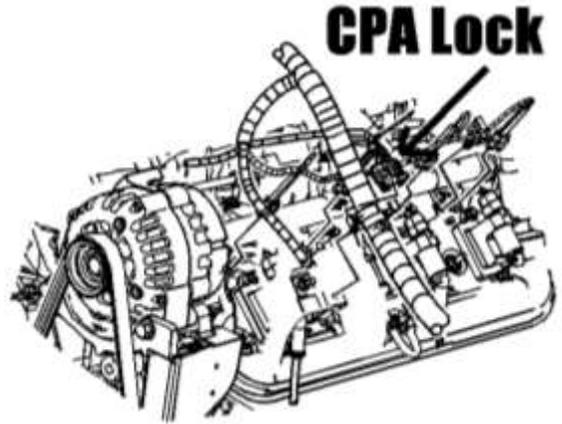


5. Install the valve rocker arm cover onto Spacer-Max spacer.
6. Evenly tighten the rocker arm cover bolts.
Tighten
Tighten the valve rocker arm cover bolts to 12 Nm (106 lb in).
7. Install the vent hose to the throttle body and valve rocker arm cover.
8. Install the ignition coils and bracket to the rocker arm cover. Install the ignition coil bracket studs to the rocker cover.
Tighten
Tighten the ignition coil bracket studs to 12 Nm (106 lb in).
9. Position the surge tank/heater hoses to the heater hose bracket. Install the heater hose bracket and nut.
Tighten
Tighten the heater hose bracket nut to 9 Nm (80 lb in).
10. Install the spark plug wires to the ignition coils. Install the harness clips. Connect the main electrical connector feeding the ignition coils. Install the CPA lock.

Spacer-MAX Installation Left Side

REMOVAL

1. Remove the connector position assurance (CPA) lock. Disconnect the main electrical connector to the ignition coil wire harness. Remove the harness clips.
2. Reposition the main engine harness if necessary.
3. Remove the spark plug wires from the ignition coils. Twist each plug wire 1/2 turn. Pull only on the boot in order to remove the wire from the ignition coil.
4. Remove the positive crankcase ventilation (PCV) hose from the rocker arm cover.
5. Remove the ignition coil bracket studs from the rocker arm cover. Remove the ignition coils and bracket from the rocker cover.
6. Remove the valve rocker arm cover bolts. Separate OE valve cover bolts from the grommets and discard bolts as described in earlier step. The bolt grommets may be reused if not damaged.



Installation

1. Install rocker arm assemblies as per manufacturer instructions.
2. Install a NEW rocker cover gasket into the groove of the Spacer-Max spacer.
3. Place a Spacer-Max spacer onto the cylinder head.
4. Assemble the valve cover retaining bolts, washers, and grommets as described in earlier step..
5. Install the valve rocker arm cover onto Spacer-Max spacer.
6. Evenly tighten the rocker arm cover bolts and grommets.
Tighten
Tighten the valve rocker arm cover bolts to 12 Nm (106 lb in).
7. Install the PCV hose to the rocker arm cover.
8. Install the ignition coils and bracket to the rocker arm cover. Install the ignition coil bracket studs to the rocker cover.
Tighten
Tighten the ignition coil bracket studs to 12 Nm (106 lb in).
9. Install the spark plug wires to the ignition coils. Install the harness clips. Connect the main electrical connector feeding the ignition coils. Install the CPA lock.
10. Install the engine sight shield, if applicable.