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Spacer-MAX

Installation Instructions

(1997-1998 GM LS1 5.7L 1.00" spacer Part #555760)

Important! Read all instructions before you begin installation.



Parts List

2 Spacer-MAX spacers (1.00")	SM0005
2 Valve cover O-ring gaskets	222-0002
18 6mm x 50mm socket cap bolts	210-0116
18 6mm rubberback washers	210-0111

*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 555760 - 7/13/10

Spacer-MAX Installation Right Side

REMOVAL

1. Remove the Air Injection Reaction (AIR) hose clamps and remove the hose.
2. Remove the AIR pipe (with check valve), bolts and gasket from the exhaust manifold.
3. Disconnect the ignition coil harness main connector.
4. 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.

Important

Do not remove the ignition coils from the valve rocker arm cover unless required. Do not remove the oil fill tube from the cover unless service is required. If the oil fill tube has been removed from the cover, install a NEW tube during assembly.

5. Remove the valve rocker arm cover bolts.
6. Remove rocker arm cover.

INSTALLATION

1. Install aftermarket rocker arm assemblies as per manufacturer recommendations.
2. Install Spacer-MAX spacer with new o-ring gasket facing the head-sealing surface.
3. Install the valve rocker arm cover onto the cylinder head.
4. Install the longer bolts and washers into the valve cover.

Tighten

Tighten the valve rocker arm cover bolts to 12 Nm (106 lb/in).

5. Install the crankcase ventilation hoses.
6. Install the spark plug wires.
7. Connect the ignition coil harness main connector.
8. Install the oil fill cap into the tube and rotate clockwise until locked in the proper position.
9. Install the AIR pipe (with check valve), bolts and gasket to the exhaust manifold.

Tighten

Tighten the AIR pipe bolts to 20 Nm (15 lb/ft).

10. Install the AIR hose and clamps.

Spacer-MAX Installation Left Side

REMOVAL

1. Relieve the fuel system pressure.
2. Remove the fuel lines from the fuel rails. You will need a 5/16" and 3/8" spring-lock coupler tool to disconnect the fuel lines.
3. Remove the PCV hose from the PCV valve.
4. Disconnect the coil harness main connector.
5. 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.

Important

Do not remove the ignition coils from the valve rocker arm cover unless required. Do not remove the oil fill tube from the cover unless service is required.

6. Loosen the AIR hose clamps and remove the hose.
7. Remove the AIR pipe (with check valve), bolts and gasket from the left exhaust manifold.
8. Remove the PCV hose from the rocker arm cover.
9. Remove the valve rocker arm cover bolts.
10. Remove the valve rocker arm cover.

INSTALLATION

1. Install aftermarket rocker arm assemblies as per manufacturer recommendations.
2. Install Spacer-MAX spacer with new o-ring gasket facing the head-sealing surface.
3. Install the valve rocker arm cover onto the cylinder head.
4. Install the longer bolts and washers into the valve cover.
Tighten
Tighten the valve rocker arm cover bolts to 12 Nm (106 lb/in).
5. Install the crankcase ventilation hoses.
6. Install the PCV hose to the rocker arm cover.
7. Install the AIR pipe (with check valve), bolts and gasket to the left exhaust manifold.
Tighten
Tighten the AIR pipe bolts to 20 Nm (15 lb/ft).
8. Install the AIR hose and clamps.
9. Install the spark plug wires to the spark plugs.
10. Install the spark plug wires to the ignitions coils.
11. Connect the coil harness main connector.
12. Install the PCV hose to the PCV valve.
13. Install the fuel lines to the fuel rails.