



Fabricated Aluminum Valve covers – Gen III Hemi Engines

68501G Mr. Gasket (silver finish)
68501BG Mr. Gasket (black finish)

Instruction/Installation Sheet P/N # 199R11689

PARTS LIST:

Qty.	Description
1	Driver's Side Aluminum Valve Cover (LH)
1	Passenger's Side Aluminum Valve Cover (RH)
20	M6 x 1.0 – 28mm Valve Cover Mounting Bolts w/ washers
8	Coil Pack/Spark Plug Boot Seals
2	Valve Cover Gaskets

REQUIRED TOOLS:

¼" Ratchet	In/lbs. Torque Wrench
M5 Allen Head Socket	M5 Allen Head wrench

APPLICATIONS:

These fabricated valve cover fits the following Generation 3 Hemi Motors 2009-present 5.7L V8, 2005-2010 6.1L V8, and 2011-present 6.4L engines. These valve covers are designed to accommodate the factory replacement style of coil. Please refer to the Service Parts located at the end of these installation instructions for a direct replacement coil.

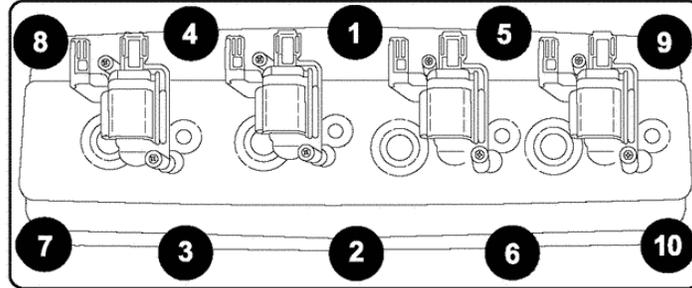
CAUTION: Do not use harsh cleaners to clean the valve covers. Severe damage to covers may occur.

INSTALLATION INSTRUCTIONS:

NOTE: The existing valve cover gasket may be used again, provided no cuts, tears, or deformations are visible.

1. Disconnect the negative battery cable.
2. Remove your existing (LH) driver's side Gen III valve cover and any corresponding components (ignition coil pack harness connector, ignition coil packs, and spark plug boot seals).
3. Carefully clean the mounting surface of the Gen III cylinder head to ensure that the surface is free of any debris or residue and will provide a proper seal. Be careful not to allow any loose debris to enter the cylinder head.
4. Inspect existing gasket and replace (if necessary) with the provided valve cover gasket.
5. Install the new fabricated valve cover and tighten (x10) provided M6 x 1.0 bolts finger tight.

6. Using the sequence shown, tighten the valve cover bolts to (71 in./lbs.).



7. Re-install provided (x4) spark plug boot seals, ignition coil packs, and reconnect ignition coil pack harness connection (Step 2).

8. Repeat Steps 1-7 for (RH) passenger's side valve cover on the opposite side of the engine.

9. Check all connections to make sure valve covers, ignition coils, and ignition coils connectors are secure.

10. Reconnect the negative battery cable.

SERVICE PARTS:

Gen III Hemi Fabricated Valve cover hardware Kit (silver finish)	Mr. Gasket - P/N 68502G
Gen III Hemi Fabricated Valve cover hardware Kit (black finish)	Mr. Gasket - P/N 68502BG
Gen III Valve Cover Gasket and Spark Plug Tube Gasket	Mr. Gasket - P/N 68503G
Replacement Coil Packs	MSD (each) - P/N 8255
	MSD (8-pack) - P/N 82558

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Date: 10-24-18