

Instruction Sheet
DCF-369a
for MP package P5007617, P5007618, P5007619
(3/25/02)

This package includes a cast aluminum valve cover set for the Magnum V8 engines. The Magnum' engines are 1992-up 5.2L V8 engines and the 1993-up 5.9L V8 engines. The Magnum heads can be easily identified by the 10 attaching screw holes in the valve cover itself. Three different versions of these covers are available (see below)

Part number	Logo / Description	Application
P5007617	"Mopar Magnum" w/ black wrinkle paint	Dodge Trucks and Magnum Crate Motors
P5007618	"Mopar Magnum" w/ polished aluminum	Dodge Trucks and Magnum Crate Motors
P5007619	"Jeep" w/ black wrinkle paint	Jeep Vehicles

Part numbers P5007617 and P5007618 do not fit the Jeep Grand Cherokee - the oil fill is reversed on the Jeep engines and the A/C compressor interferes with the front of the left cover. Jeeps should use the P5007619 valve cover set.

These packages include 2 valve covers, 3 grommets, and the oil fill cap. Inside the valve covers there are two baffles and 6 screws. These baffle screws are self-tapping.

Note: These valve covers sets do not come with the attaching screws and gaskets. The chrome screw set P5007620, and gaskets set P5249660 can be purchased separately.

1. Install one baffle into each cover using 3 of the self-tapping screws. Install the baffles under the holes that are to be used for the PCV and the breather. Use "red" loctite or equivalent on the screw threads to assure retention. Hold the polished surface of the cover with care.
2. There are two styles of the 3 included grommets. One has a small I.D. and the other two have a larger I.D. Check the breather and PCV that you want to use. Notice the position for each on the vehicle or select this position as desired. Install the small I.D. grommet in the PCV location. Use the large ID grommet to plug the hole or nip out the center and use it with your breather. With custom breathers and/or PCV, the grommet selection or location may have to be revised. **These grommets can be used to cover the extra hole for the oil fill since it is only needed on one side of the engine (only one fill cap is included, so the other side must be covered by one of these grommets).**
3. Remove any studs from the stock head unless they appear long enough for the thicker cover. These valve covers are thicker than the stock stamped steel covers, and will require longer screws than the stock screw and work better with the thicker-flanged, cast cover.
4. Install new gaskets onto the heads and then install the covers with grommets. Be sure grommets cover holes cast in the cover before installation. A 1/4" drive socket is the recommended tool for installing the attaching screws. Clean the gasket surface on the head to help the gasket seal.
5. Be sure not to over-torque the attaching screws. Torque spec is 95 in-lbs.
6. Install the PCV & breather into the covers.
7. Check engine oil level and fill as required. Check for leaks after the engine is run.