

Instruction Sheet  
DCF-142a  
for MP package P5007611, P5007612, P5007613, P5007614, P5007615, P5007616  
(Revised 09/03/02)

This package includes a cast aluminum valve cover set that features the "Mopar Performance" logo. Each part number w/ the application is listed below:

<u>Part number</u>	<u>Description</u>	<u>Application</u>
P5007611	Wrinkle Black Finish	"A" Engine
P5007612	"As Cast" Finish	"A" Engine
P5007613	Polished Finish	"A" Engine
P5007614	Wrinkle Black Finish	"B/RB" Engine
P5007615	"As Cast" Finish	"B/RB" Engine
P5007616	Polished Finish	"B/RB" Engine

The "A" engine valve cover set will fit the '67-'92 small block V-8 engines (these will not fit '92&up 5.2L or '93&up 5.9L Magnum engines). The "B/RB" engines will fit most big block engines (except the Hemi® and Max Wedge)

These packages include 2 valve covers, 2 oil fill caps, and this instruction sheet. 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 can be used with any of the valve covers listed above (This package includes 20 screws so there will be a few spare screws). Gaskets can be ordered separately under the following part numbers: "A" engine uses gasket set P5249581, and the "B/RB" engine uses gasket set P4120101.

1. Install one baffle into each cover using 3 of the self-tapping screws. Use "red" loctite or equivalent on the screw threads to assure retention. Hold the painted or polished surface of the cover with care.
2. If a PVC or breather is to be used, the knockout plug should be removed from the cover by tapping the knockout in the center with a hammer and punch. The hole can then be cleaned up with a round file. Leave a small amount of the ridge or lip in the hole to retain the grommet (file the hole size to approximately .950" - .980" diameter). Be sure to clean all metal filings and pieces of aluminum out of the cover before installing of the cover. Use grommet set (P5007921) when these PVC or baffles are used (use with .750" diameter PVC or Breather). It is also suggested that extra baffles (P5007052) be added to the cover under the PVC or breather. The PVC, Breather, grommets, and extra baffles are not included with the valve cover set, but can be ordered separately.
3. Remove any valve cover studs from the 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 and fill caps into the covers.
7. Check engine oil level and fill as required. Check for leaks after the engine is run.