

Installation Instructions for 50120 Small Block Chevy Valve Cover Adapters

1. Remove all of the accessories that are in the path of the valve cover for ease of removal and replacement. Be sure to retain and mark all brackets and hardware for reinstallation in step 11.
2. Remove the valve covers. Be sure to clean all of the old gasket material from the cylinder head with a gasket scraper. The adapter will not seal properly unless all of the material is removed.
3. Once the surface is clean and dry, install the socket head set screws (long studs), item #5, with the socket (allen) head facing upward. Torque to 25 lb. in.
4. Install one spacer, item #6, over each socket head set screw (long stud).
5. Apply a thin film of oil to the O-ring, item #7, install in the grooved side of the valve cover adapter, item #4.
6. With the O-ring side down, carefully install the valve cover adapter, item #4, over the socket head set screws (long studs) and spacers. Be certain that the O-ring stays in place for proper sealing. Do not apply any type of sealant to the O-ring side of the adapter.
7. Install the 7/16" wrench (socket) size flanged hex nuts, item #3, on the socket head set screws (long studs). Torque to 75 lb. in.
8. Install the four (small) studs, item #1, in the adapter plate, item #4, with the machined end out. The end is machined to assist in gasket and valve cover alignment. Torque to 20 lb. in. It may be necessary to double nut the stud in order to apply the torque properly.
9. Install your valve cover gaskets (not included) over the short studs on the adapter plate. Do not apply any type of sealant to the adapter. The surface is machined perfectly flat and does not require sealant to seal properly.
10. Install your valve covers (not included) over the studs and gasket. Install the 7/16" wrench (socket) size flanged hex nuts, item #2. Torque to 65 lb. in.
11. Reinstall all of the remaining accessories removed in step 3.
12. Check engine for leaks.

1	2	3	4	5	6	7
Stud (short)	Flanged Hex Nut 7/16" Wrench	Flanged Hex Nut 7/16" Wrench	Valve Cover Adapter	Socket Head Set Screw Long Stud	Spacer 9/16" x 3/4"	O-ring
1/4"-20 x 1/4"-28	1/4"-28	1/4"-20	3/8"	1/4"-20 x 2-1/4"	9/16" x 3/4"	.103"
Qty: 8	Qty: 8	Qty: 8	Qty: 2	Qty: 8	Qty: 8	Qty: 2

