

**Before mounting the aluminum valve cover it is important to do the following work:**

- The channels on the inside of the oil baffle must be sealed to prevent oil from entering the valve cover breather.
- The screws that secure the oil baffle to the valve cover are treated with loctite so they cannot be loosened without first heating them with a heat gun or propane torch.



- After the oil baffle has been removed, sealant should be applied to the channels on the inner side of the oil baffle.
- Use a high temperature resistant silicon sealant like PETEC SIKO HT ROT.

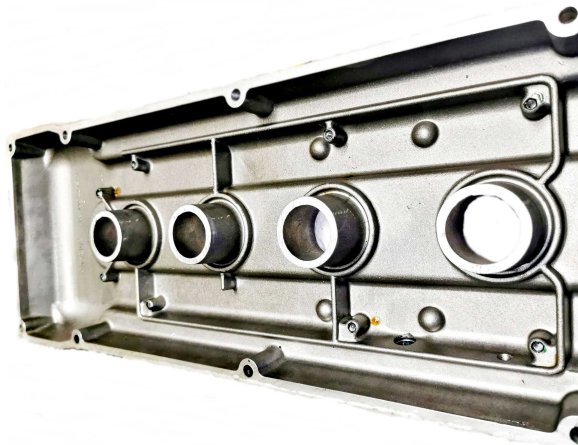




- Mount back the oil baffle with the screws that came of or use screws like below for better grip when removing. Use Loctite to secure the new screws.



- Inspect the edges of the aluminum valve cover for sharp parts and sand them down until smooth if necessary.



- Now the silicone valve cover kit can be installed.

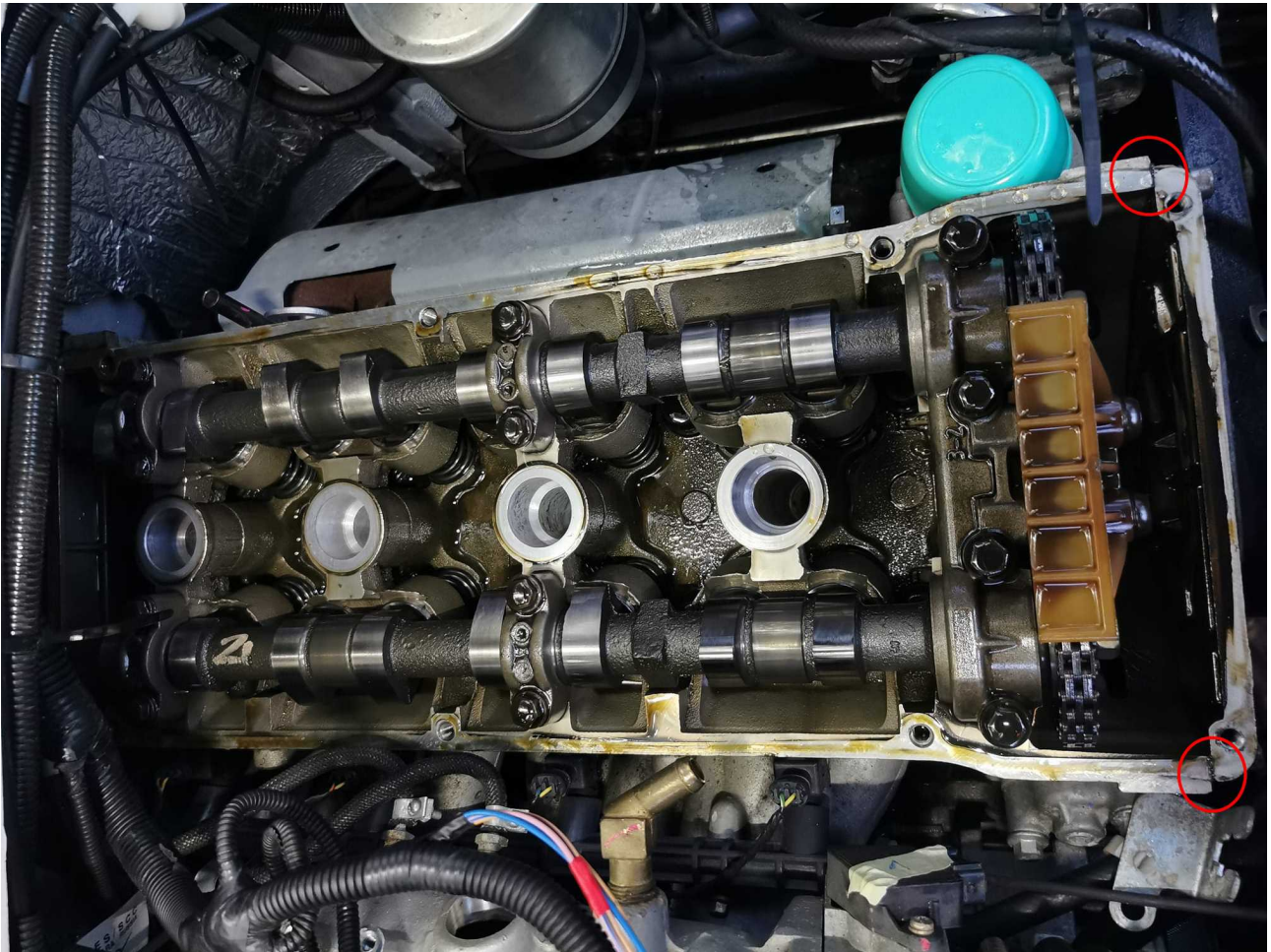


- Let the valve cover gasket rest for 30 minutes.
- Check if the holes of the vent pipes are open, if not open them with a small drill or tool.



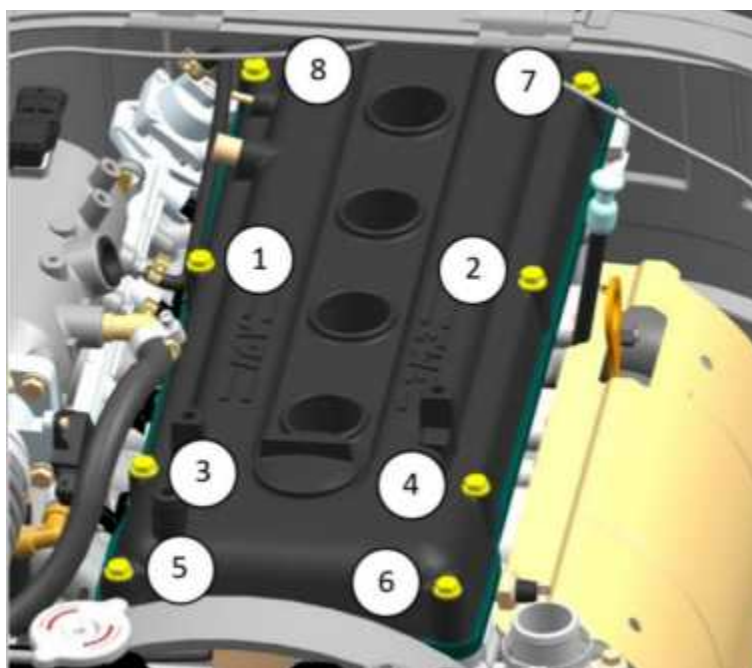


- Inspect the edges of the cylinder block and check for flatness, especially at the corners of the front engine cover. If necessary, touch up with a utility knife or sandpaper.



- Now install the valve cover and tighten the valve cover bolts with 3.6Nm when using a silicone gasket in order as below.





- Mount smaller ignition coils, so they fit under the hood. Use special brackets to mount them.
- You can use extension cables to connect the ignition coils to the original connectors



Thanks to **Markus Gross** for his input and some of the pictures

