

Some Suggestions for RTV Silicone Gasket Maker use

1. Make sure the surfaces are clean and oil-free. If there is even a very thin layer of oil then you are building in a leak.
2. Use sufficient material to fill any gaps but not so much that large amounts are extruded.
3. Allow sufficient time for the material to fully cure before placing the engine into service. Many factory manuals speed this procedure to get vehicles back into service quickly. Follow the instructions on the material itself – generally a full cure is reached in 24 hours. Low humidity and low temperatures will adversely affect the reaction rate. Conversely, increasing these variables will accelerate the curing rate.
4. Once the initial “rubbery” set has occurred do not move the part. This will cause internal tears in the material and be a source of future leaks. If the part is improperly positioned at that stage it is best to remove the material and start over.
5. After the material has cured, if you want to remove blobs of material that have oozed out of the joint DO NOT pull on them. This will delaminate the material within the joint and be a source of future leaks. Instead use a razor sharp instrument to trim away the material without putting any stress on the joint.