

## **Technical Notes**

### **Technical Tip Anti-seize Lubricant**

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Anti-seize is a special type of lubricant, and should not be used as a sealer or threadlock. It will withstand high pressure and high heat. The main purpose is to prevent metal parts from becoming "cold welded" together. This is also known as galling, carbon fusion, seizure, and corrosion. Continuous high heat or similar metals can cause cold welded. Examples on a Model A are the head bolt studs, exhaust manifold studs, and water pump studs that are attached to the block. Also, all of the fasteners used on the exhaust system. If a person uses stainless steel nuts and bolts these have a tendency to cold weld themselves together making removal almost impossible without breakage. Steel on steel with the presents of rust over the years can seize parts together.

If anti-seize lubricant is placed on the threads during assembly, this will prevent, "cold welding" and make disassembly easier.