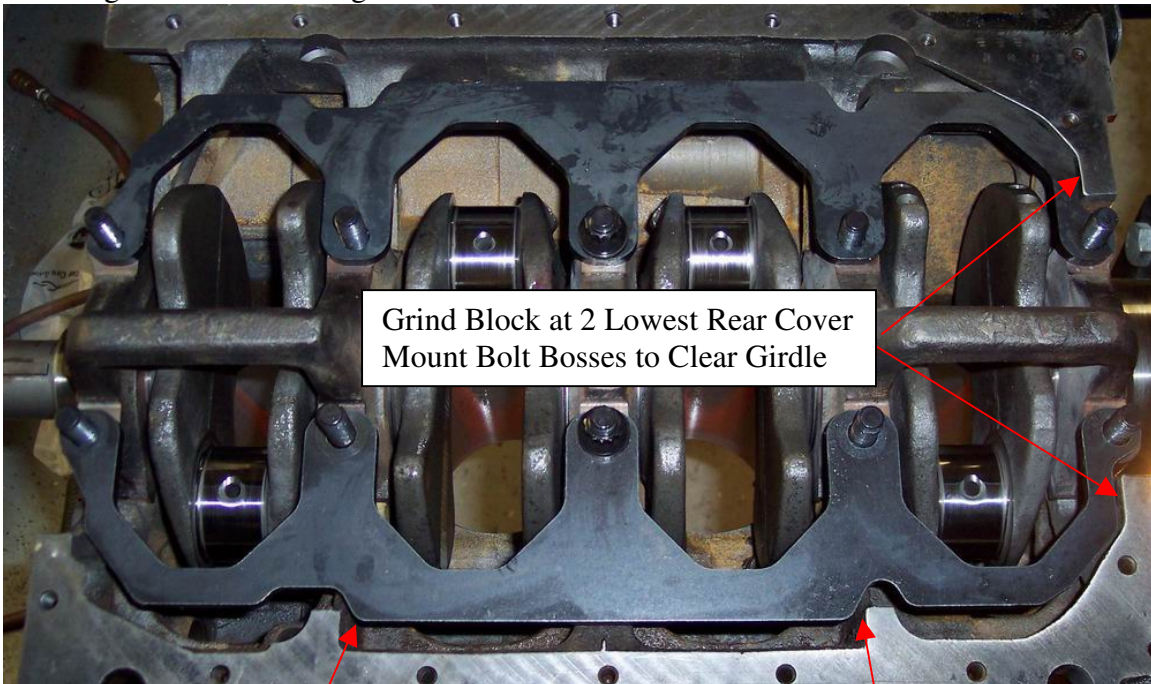
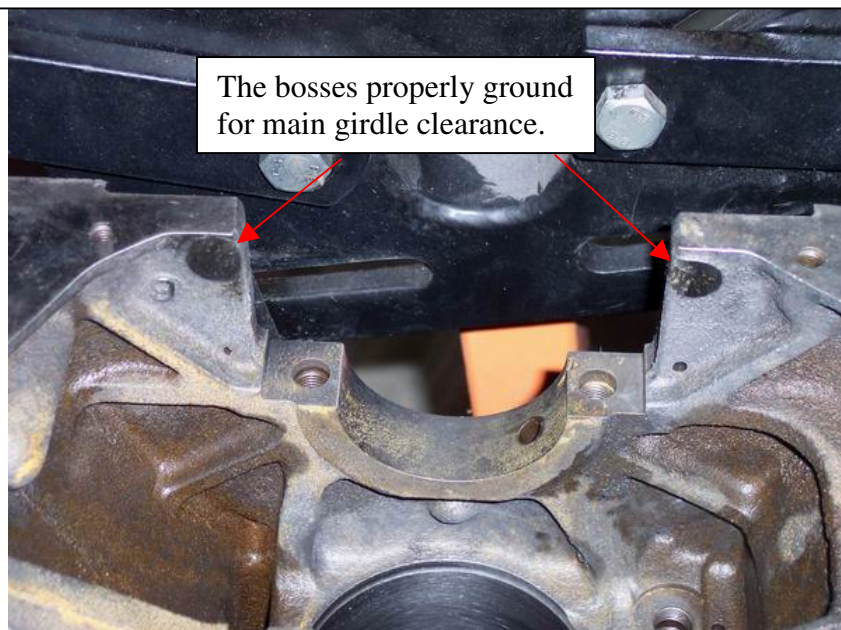


Kiggly Racing

A main bearing bore line hone is recommended with the installation of a Kiggly Racing 4G63/G4CS main girdle. That being said, we have installed this product on virgin blocks without any adverse effects. The main caps must all be flush within a few thousandths or else the girdle can pull the main bearing bores out of shape as it is clamped to this uneven surface. The main cause of this is a line hone when different amounts of material were taken off the different main caps. If the engine was line honed, it will need to be line honed again with the main girdle installed.



4G63 block is shown, G4CS can require light additional grinding around the block skirt.



Kiggly Racing

Set the main studs so they protrude about 15mm above the main girdle surface



Nut and Washer Installed



The oil pan will need to be dented for clearance at the 2 studs closest to the rear cover. This can be done by setting the oil pan on the assembled engine and hitting toward the front cover with a dead-blow hammer until the oil pan bolt holes line up.