

MLS Head Gasket and ARP Stud Kit Install Instructions

Maximum PSI appreciates your business. These instructions will help you install our MLS HG and ARP stud kit (Part # 201-4302). Important! The gasket will not seal right if head or block is not prepared correctly. We recommend you have the head, block, and timing cover resurfaced for greatest results. If you resurface the block the timing cover must be resurfaced at the same time or leaks will occur.

1. Make sure surfaces on gasket, block, and head are clean and dry.
2. Check to make sure the gasket is the correct bore size for your application.
3. You may install the gasket dry or with copper spray sealant. We always use several light coats of Permatex Copper Spray-a-Gasket on both sides of the gasket. Let it tack up before installing on the block. Be careful not to disturb the sealant.
4. Place a small bead of gasket sealant around the timing chain cover area and the gap between the timing cover/block. We recommend Mr. Gasket "The Right Stuff", Honda-bond, or equivalent OEM sealant. Do not over-apply or the excess will end up in the oil pan and potentially clog the pickup.
5. Place the head gasket on the block making sure it is aligned correctly and that it is the correct bore size for your application.
6. Place the head on top of the gasket making sure it is seated correctly on the dowel pins.
7. Apply "old style" ARP Moly lube(white packet)* to the head studs and washers.
8. Thread the studs into the block until hand tight and place the washers onto the studs.
9. Thread nuts onto studs until finger tight.
10. Torque nuts in the correct BMW sequence to 32 ft lbs.
11. Wait a few minutes and repeat step 9.
12. Turn nuts in correct BMW sequence 90 degrees using a torque angle gauge.
13. Wait at least 30 minutes and turn nuts in correct BMW sequence an additional 90 degrees using a torque angle gauge.

* The new ARP 201-4302 kits are now shipping with a blue packet of lube and different install instructions. We recommend following the manufacturers instructions.