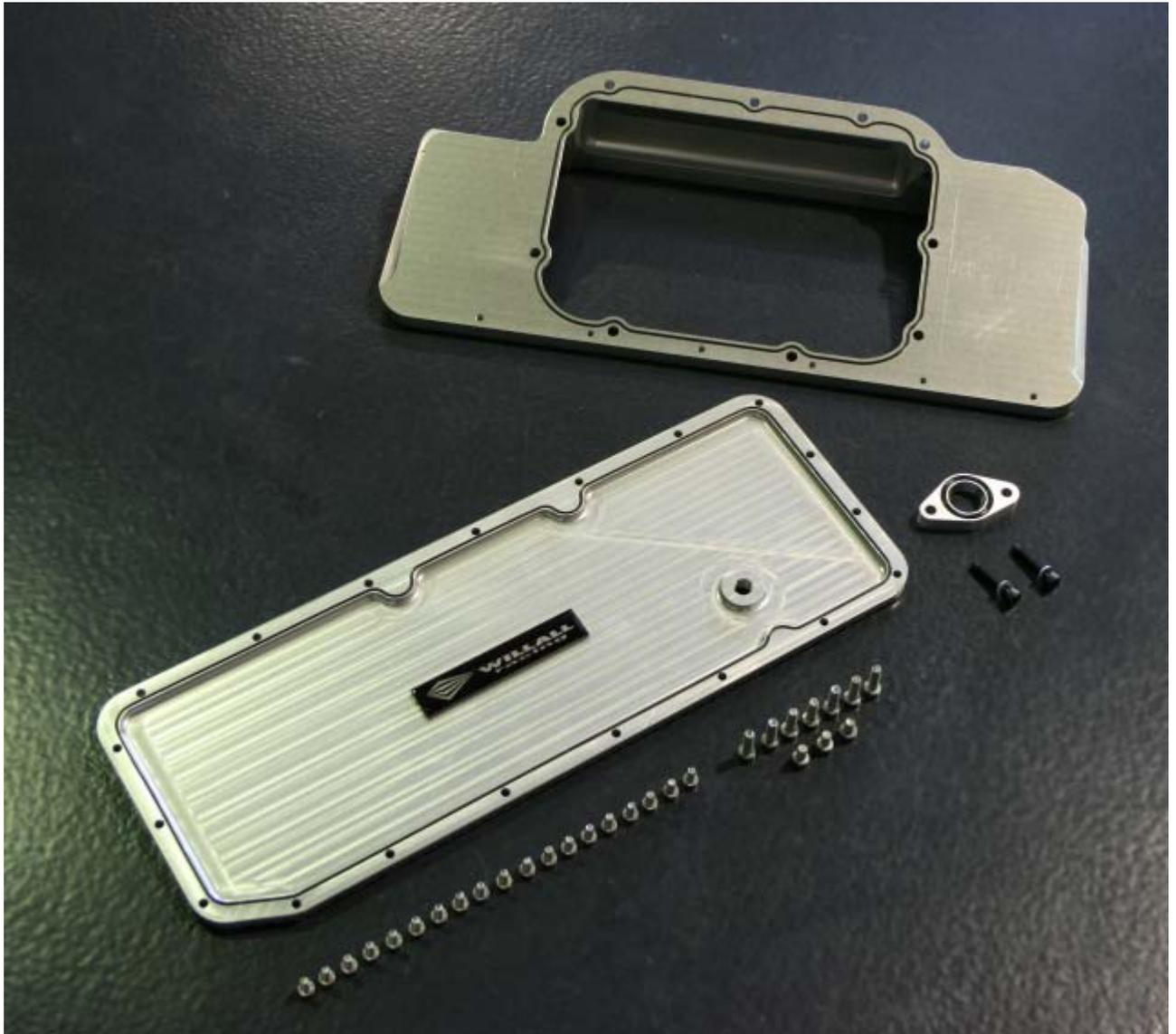




WR35OP – HI VOLUME GTR OIL PAN PICTORIAL INSTRUCTION GUIDE



WR35OP components laid out for inspection. Included in the WR35OP kit is an oil pickup extension to move the factory pickup deeper into the new pan, which is also sealed with an O-ring, once more to give a low maintenance and high quality result. Fasteners are Stainless Steel SHCS (Socket Head Cap Screws). So what's it like to fit?



The first step is to clean all the gasket compound of the face of the existing engine casting to give a nice smooth surface. Use a flat blade for this but do not gouge or mark the surface. Be gentle and patient; Once this surface is nice and clean place the pickup and extension into position. Let it hang there, do not tighten it yet 😊



Its now time to fit the main WR35OP body to the bottom of the factory casting. Use the stainless cap screws and locking washers for this. Once the body is fastened into position the oil pickup can now be finally tightened and left in place. Note, there is no sealant used in any part of this installation. Its totally 'dry' thanks to the use of O-rings! Getting at the rear bolts requires the use of a ball headed Allen key.

NOTE: The oil pickup bolt tension = 80 inch/lb

NOTE: The longer M6 bolts go in the back of the sump

NOTE: All sump to casting bolts = 80 inch/lb



The finned WR35OP pan cover now pushes up against the bottom of the main body and screws into position. Once more the O-ring in the plate provides all of the sealing required. The factory Sump Plug then screws directly into the WR35OP and locates exactly over the top of the factory oil hatch.

NOTE: All pan retaining bolts tension = 50inch/lb



The new shorter bolt and washer assembly can now be fitted to the oil cover hatch as pictured. This is important to stop any contact between the factory bolt and the pan cover.

Now all that's needed is to fill the engine with oil and start. We filled our engine with our own WR35MO 10w-60 Fully Synthetic GTR Oil and it took just under 8 quarts in total. That's a significant advantage in oil capacity, which equates to well over 30% additional engine oil volume.