



Chevrolet Gen III LS Dry Sump
Part # 16-1010/12

Installation:

This dry sump assembly is compatible with GM Gen III LS1, LS2 & LS3 engines fitted with an ATI balancer part # 917289.

The dry sump is designed to be installed using the genuine OEM gaskets for the sump, front timing cover and rear oil seal carrier, although there is allowance in the front and rear bolt locations for the use of aftermarket paper type gaskets on the front and rear covers.

Unique to this dry sump is the ability to adjust the oil pump drive belt to your required tension. Ensure that all the o-rings on the oil pump and under the adjuster plate are lubricated with quality o-ring grease prior to assembly. The HTD 720-8M oil pump drive belt is not adjusted tight, take the time to ensure correct tension is obtained.

This dry sump also has the option to use the original OEM oil feed through the sump into the engine. If you wish to use the alternate oil feed option that is directly into the block simply blank the dry sump with a –12AN plug.

Follow all instructions included with the AutoVerdi oil pump and pulley assembly.

Servicing:

The internal oil screens can be serviced by removing the bottom plate. This gives access to both sides of the oil screens for cleaning purposes.

When reassembling, apply a light smear of Loctite 515 sealer on the joint faces (this will hold the o-rings in place and add additional sealing) and Loctite 243 thread locker on all threads.

Lower the plate carefully to ensure the oil screens engage into the slot on the plate. This is easily achieved by lowering the plate at the pump end first while looking under to check engagement, a small movement side to side while lowering the remainder of the plate will ensure the screens are engaged in the slot correctly.

This component is designed for motorsport use. The engine assembler accepts all responsibility to ensure these components are correct for their intended use. The warranty is limited to the component being free of defects in material or workmanship at the point of purchase only. There is no warranty given or implied outside of the above and we accept no liability for component selection and installation, or clearance and fitment of or to any other components.