

Cummins ISM Port Locations

Below is the supply port located on the right side of the engine. The port is at the rear mount of the engine oil cooler. Remove the plug and match it up with one of the 2 straight o-ring to #4 JIC adapters. These engines were built in 2 different countries. One used metric fittings and the other used standard. They are very close in size, so use caution when choosing the adapter. There will usually be some oil run out of this port when the plug is removed.



The picture below shows the supply port with the adapter and hose attached.



The next picture shows the return port with the adapter and hose attached. The port is located on the right side of the oil pan towards the front of the pan at the bottom. A 1 ¼" wrench is needed to remove the plug. Make sure to verify the type of seal used for the original plug. Newer models use a copper crush washer, older ones use an o-ring. Your plug will dictate which will be needed. The adapter comes with an o-ring and a backup ring. If the crush washer is used on the original plug, choose either the backup ring with the adapter, or the existing crush washer. If you use the existing crush washer, remove the o-ring and backup washer from the adapter.

