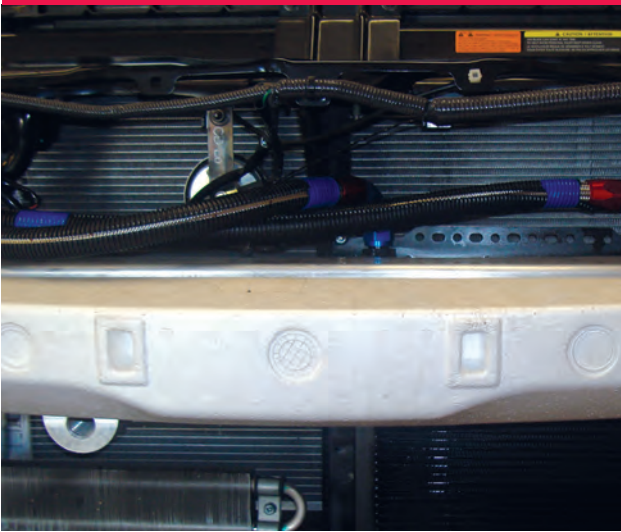


# Nissan performance

## Nissan Motorsports Oil Cooler Kit for 370Z



Nissan Motorsports has developed a competition oil cooler kit that allows the vehicle to keep oil temperatures low during track events. The 370Z is the first Nissan to have an “Engine Protection Mode” (EPM) if the oil temp is too hot. The EPM is activated at approximately 266 degrees F. At this point the Engine Control Unit limits the allowed RPM to 6,000. If the oil temp continues to rise to 280 F, the ECU limits the RPM to 5,000. Once the oil temp recovers below 260, the ECU will allow full RPM.

The Nissan Motorsports oil cooler kit uses a very large external air to oil cooler to dissipate the heat and has been tested by the Nissan Technical Center in Arizona. During this test, the kit was proven to keep oil temperatures from getting into the EPM range during ambient temperatures up to 100 F for over 20 minutes of abuse. Although the oil cooler is mounted in front of the radiator, the vehicles coolant temperatures are actually lower with the oil cooler kit installed than without. This is because the oil temp is having a large

influence on the engine block temp and cooling the oil keeps the whole engine running cooler. We initially tested the oil cooler used for a 350Z and it was quickly over heated. There may be many units on the market that claim to fit the 370Z, but the heat rejection rate of the cooler could be too low and therefore not be effective on the track.

The oil cooler kit uses only the highest quality racing specification parts available in the U.S. The kit includes Earl’s braided steel oil lines with forged fittings, Setrab oil cooler, billet aluminum oil filter adapter, and all other parts needed to install as well as instructions. Nissan Motorsports recommends the installation be completed by a Nissan Dealership. The part number for this kit is 21300-SS370 and is available through any Nissan dealer’s parts department.

Some drilling is required to mount the cooler. This kit also fits the NISMO Z.

This part is only intended for off road use only. |