

BulletProofDiesel.com

General Power Stroke Series – Engine Oil Cooler with your EGR Cooler, Ford 6.0L Diesel

Why you need an Engine Oil Cooler to go with your upgraded Bullet Proof® Diesel EGR Cooler

While your Ford EGR cooler is a common failure on most Ford 6.0L diesel engines, the real cause for the failure is the engine oil cooler. To understand how this happens, you have to know how it all works together.

The EGR cooler needs coolant to cool down hot exhaust gasses. It gets coolant from the engine oil cooler, which gets coolant – about a gallon per minute – from the water pump.

The problem arises when the coolant flows through the tight passages of the engine oil cooler (see picture). These pathways are so small that they catch and stop any large particles suspended in the coolant, blocking the channel. While the mileage varies, it typically takes less than 50,000 miles before the coolant can no longer flow through the cooler on its way to the EGR cooler, leaving less and less coolant flow for your engine oil cooler AND for your EGR cooler.



Putting a new EGR cooler in your Ford without taking care of the root of the problem is just asking for more trouble. Changing both parts at the same time has these benefits:

1. Improved engine oil cooling
2. Improved cooling of the EGR gasses
3. Improved longevity of the EGR cooler
4. Reduced “puking” of coolant from the over-flow bottle
5. Improved oil flow through engine oil cooler

The last great benefit: while there is an additional parts-cost up-front for the engine oil cooler, the good news is that the labor cost to change the EGR cooler with the engine oil cooler is only a small amount more. Ask your Service Manager for more information.