

Intake Baffle Removal

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Summary

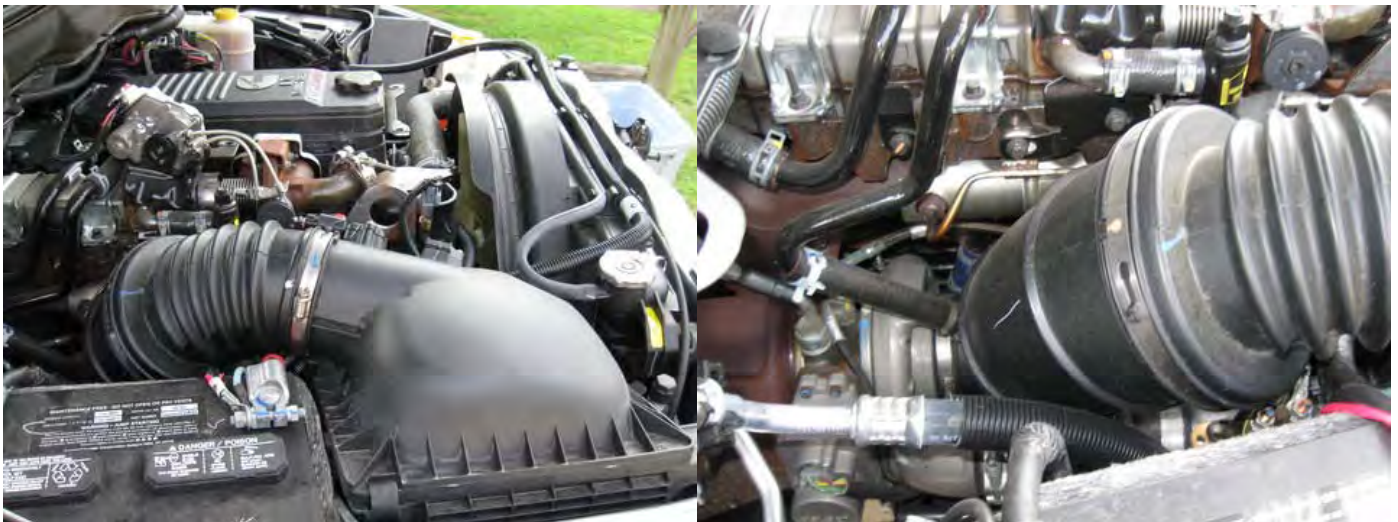
In the air intake duct on Dodge Ram trucks with the 6.7L Cummins diesel is an intake baffle. It is constructed of a plastic shell wrapped in foam and hosed in the duct between the air filter and turbo. The purpose of this intake baffle is to muffle the whistle from the turbo.

So why remove it? The main reason is simple, name one piece of foam that doesn't deteriorate over time when exposed to weather. What happens to foam when it deteriorates? It falls apart. The intake is subjected to extreme heat, extreme cold, wet and dry climates, along with a strong wind anytime the engine is running. So what happens to those little pieces of deteriorated foam when they come off? They go straight into the turbo. And we all know what happens when foreign objects enter the turbo...carnage. That's the main reason why I chose to remove it.

It might possibly have some other advantages that are not yet proven. It might increase the efficiency of the engine because of the fact that you're removing a restriction from the intake. Restriction in air flow equals loss of power/less efficiency (mileage), so less restriction should equal more power/mileage, in theory anyway. It also allows the whistle from the turbo to be heard more. However, the increase in sound is only very minor, as in you still have to have the radio and air condition/heater off to hear it. I highly suggest performing this modification to your truck. It will only take about 15 minutes and if you don't like the results, simply re-install it. Then the only thing you've lost is about 30 minutes of your life.

Step 1:

Locate the largest section of the intake tube where the baffle is located.



Step 2:

Using a flat screwdriver or a small socket, loosen both of the clamps holding the elbow between the baffle tube and the air box. Remove the elbow completely by simply pulling it off. This will allow you access to the intake baffle inside the intake tube.



Step 3:

Grab the center section of the intake baffle and pull. It will slide out in your hand.



Step 4:

Reinstall the elbow and tighten the clamps. Congratulations, you're finished.