Revive
Engine Cleaner & Power Restorer

Revive Application Instructions – Engines OVER 10.0 liters

General

Revive is a safe water based, non toxic and non flammable fluid, using technology developed and used for the cleaning and maintenance of aviation jet engines, power station turbines, large marine diesel engines and now automotive engines.

The fluid is sprayed into the engine's air intake system while the engine is running. As the Revive fluid passes through the engine system it locks on to built up oily/carbon deposits and strips away a surface layer. These tiny carbonized particles are then carried away out through the exhaust system, without risk of blocking catalytic converters and filters.

It is suggested that the Revive cleaning process is performed as a preventative maintenance operation before a service, which will then allow the engine to be checked over and filled with clean oil.

IMPORTANT: Depending upon the displacement size of the engine, the procedure for using Revive is different. Please ensure you use the correct procedure for your engine size to gain the maximum benefit from Revive.

Will Revive fix the problem?

Yes, but it does depend on the cause of the problem, if it is a soot build-up related issue then Revive has a very good record of helping. Your shop may recommend trying Revive first, rather than going down a more expensive repair route. If the build-up is very bad, you may need to apply multiple treatments.

Prior to making a purchase please carry out some basic diagnostic tests first. Using suitable equipment, check for vacuum leaks in related solenoids and actuators. Scan for diagnostic trouble codes to identify the fault area. If you are unsure seek advice from an ASE certified technician. Revive is extremely effective at removing sooty carbon deposits from variable geometry turbochargers, however, it ***cannot compensate for split vacuum pipes, mechanically worn or seized components.***

How much Revive do I need?

For engines that are over 10.0 liters of displacement, you will require **multiple** bottles of Revive fluid to complete the treatment. Based on the specific engine configuration, we recommend the following:

# of turbochargers	# of air intakes	Treatments per air intake	Quantity of Revive required
1	1	3 x 750ml applications	2250ml (3 bottles)
2	1	3 x 1000ml applications	3000ml (4 bottles)
2	2	3 x 500ml applications	3000ml (4 bottles)

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Treatment Instructions

At each **STAGE** of the Revive application process, you must **calculate** the engine RPM settings based on the specific engine manufacturers **suggested maximum RPM (or redline)**.

IMPORTANT: The engine must be cold before starting the process.

Note: Use an assistant to help regulate the engine speed when applying Revive.

1. Remove the air filter or disconnect the air intake hose between the air filter housing and the throttle body. Revive must be sprayed after (or downstream) of the air filter and the Mass Air Flow (MAF) sensor.

   IMPORTANT: Take care not to spray the Revive fluid onto the mass air flow sensor.

2. **STAGE 1**: With the engine running at 0.45 x manufacturers maximum RPM (redline) of the engine (e.g. Engine redline of 3000 RPM x 0.45 = **1350 RPM**), spray in recommended quantity of Revive.

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3. **STAGE 2**: With the engine running at 0.3 x manufacturers maximum RPM (redline) of the engine (e.g. Engine redline of 3000 RPM x 0.3 = **1000 RPM**), spray in next treatment of Revive.

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4. Stop the engine and wait for 15 minutes.
5. **STAGE 3**: Start the engine and with the engine speed at 0.4 x manufacturers maximum RPM (redline) of the engine (e.g. Engine redline of 3000 RPM x 0.4 = **1200 RPM**), spray in the final treatment of Revive.

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6. Leave the engine running for a few more minutes to allow the Revive fluid to work its way through the system.
7. If the engine has two separate air intake systems, repeat Steps **1** to **6** for the second system.
8. Operate the engine at normal operating RPM or drive the vehicle for about 20 minutes, , **at varying RPM and load to exercise the turbocharger mechanisms,** this allows Revive to do its work.

IMPORTANT: The RPMs listed above are ONLY EXAMPLES and are specific for an engine with a redline of 3000 RPM. You must calculate the RPM's for the engine being worked on.

I have a question

If you have a question on how to use Revive, how much Revive you may need for a particular application or any general enquiries, please feel free to contact us via our website:

http://revivemyengine.com/contact-us.php