

Liquid Intelligence

Instructions for Installing Liquid Intelligence 245

Product Instructions

Dear customer,
Thank you for purchasing Liquid Intelligence 245. Set out below is our set of application instructionsthese instructions need to be followed to ensure the best possible result in repairing your head gasket damage.

Liquid Intelligence 245 is guaranteed to repair most head gasket damage except for the type detailed at the bottom of these instructions. If you decide to attempt to repair your blown head gasket outside the parameters detailed in these instructions....the Liquid Intelligence money back satisfaction guarantee does not apply.

The sealing of your head gasket damage can be as simple as 1.2.3.

1. Diagnose your head gasket problem.
2. Determine the correct method of applying Liquid Intelligence 245.
3. Apply Liquid Intelligence 245....Problem Fixed

A. Diagnose the type of head gasket damage you have by first identifying the symptoms.

- White smoke and water coming out the tail pipe.
- Bubbles of air coming up into your radiator
- Loosing coolant through your overflow tank
- Excessive coolant loss with no obvious source of leakage
- Coolant seeping from the head gasket and venting to the outside of the engine.
- Loss of power or a rough engine idle
- Water mixing with engine oil
- Engine oil mixing with radiator water

Whilst there are lots of different types of head gasket damage there are only two application methods of applying Liquid Intelligence 245. Now match each of your blown head gasket symptoms with one of the two application instructions.

All These Blown Head Gasket Symptom Indicates: A breach in your head gasket above one or more of your combustion chambers.

- *White smoke and water coming out the tail pipe.*
- *Bubbles of air coming up into your radiator.*
- *Loosing coolant through your overflow tank.*
- *Excessive coolant loss with no obvious source of leakage*
- *Water mixing with engine oil*
- *Engine oil mixing with radiator water*

Application Instructions:

1. First determine which combustion chamber has the head gasket breach above it. This can be accomplished by removing your radiator cap and topping up your cooling system to full with water. Start your engine...bubbles of air should now be visible in your radiator water.
2. Next... remove one lead off a spark plug at a time turning the engine off when doing that to avoid getting zapped, then restarting. After removing the lead from the first plug, check to see if the bubbling in the radiator has stopped. If not...replace the lead

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- Qualified Technical Support
- Advanced Engineered Chemistry

then remove the next lead. Continue this process until you find which spark plug lead stops the bubbling. Carry on testing each cylinder to make sure that there is only one cylinder blown. (If you find more than one head gasket cylinder blown refer to the information at the bottom of this page.)

3. Once you have determined which one stopped the bubbling....remove the spark plug from that combustion chamber.
4. Next....remove the coolant from the cooling system by disconnecting the bottom radiator hose. Flush the cooling system with the garden hose. And then replace the radiator hose.
5. Make a pre-solution of water and Liquid Intelligence 245 in a plastic bucket. We recommend a 5% solution of your radiator water capacity for small gasket breaches. And a 10% solution of your radiator capacity for larger gasket breaches. Add the required amount of Liquid Intelligence 245 to the plastic bucket and mix it in with about five litres of tap water.
6. Add this pre-solution of Liquid Intelligence 245 to your cooling system and then top up the radiator up with tap water. Replace the radiator cap.
7. Start the car and let the engine idle up to normal running temperature (approximately 85°C or centre on your temperature gauge). Once the thermostat opens and the radiator water containing the Liquid Intelligence 245 solution starts to flow.... the vapour pressure in the cooling system will then push the radiator water through the head gasket breach and into the combustion chamber. The piston moving up and down will spray this liquid out the empty spark plug hole...this spark plug hole then becomes your indicator. When water stops spraying out of the plug hole it will have indicated that the breach in the gasket is repaired.
8. After you are satisfied that you have repaired the breach in the head gasket...stop the engine and replace the spark plug and lead. Take the car for a test drive to ensure the blown head gasket symptoms have stopped.
9. Leave the Liquid Intelligence 245 solution in the radiator for two days and drive the car normally over that period. This will ensure that the head gasket repair is effective and permanent. After two days drain and flush the cooling system and replace with a reputable brand of antifreeze anti-boil or speak to Peter about the best liquid intelligence coolant for your particular vehicle.

Coolant leaking from around the head gasket on the outside of the engine.

This type of Blown Head Gasket Symptom Indicates: A breach in your head gasket venting to the outside of the engine.

Application Instructions:

1. Remove the coolant from the cooling system by disconnection the bottom radiator hose. Flush the cooling system with the garden hose. And then replace the radiator hose.
2. Make a pre-solution of water and Liquid Intelligence 245. Add Liquid Intelligence 245 to the plastic bucket and mix it in with about five litres of tap water. We recommend a 5% solution for small gasket breaches. And a 10% solution for larger breaches.
3. Add the pre-solution of Liquid Intelligence 245 to your cooling system and then top the radiator up with tap water. Replace the radiator cap.
4. Start the car and let the engine idle up to normal running temperature. Once the thermostat opens and the radiator water containing the Liquid Intelligence 245 solution will start to flow. The vapour pressure in the cooling system will then push the radiator water through the head gasket breach. When water stops leaking out of the damaged head gasket the breach is repaired.
5. After you are satisfied that you have repaired the breach in the head gasket. Take the car for a test drive to ensure the blown head gasket symptoms have stopped.
6. Leave the Liquid Intelligence 245 solution in the radiator for two days and drive the car normally over that period. This will ensure that the head gasket repair is effective and permanent. After two days drain and flush the cooling system and replace with a reputable brand of antifreeze anti-boil.

Please Note:

Liquid Intelligence 245 will not work in the following circumstances. If there is a head gasket breach between two cylinders....or if the head gasket has breached between the water jacket and more than one combustion chamber.... or if the head gasket damage is excessive.

It is also recommended that if you have water in the oil, or oil in the water the following procedure should be adopted. If you have oil in the radiator water it must be removed before the process can begin. If there is water in the engine oil you will need to drain the engine and replace with cheap engine oil before starting the process to avoid seizing the engine. The cheap oil should be drained after the process and replaced with fresh oil to remove all traces of water and contamination.

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