



Water Based Stainless Steel Exhaust Conditioner



Water Based Exhaust Conditioner

The water based exhaust conditioner is made of 316 stainless steel.

Exhaust gasses pass through the water before going to atmosphere.

Water is used to remove carbon particles from the exhaust gasses and also to cool the gasses as they exhaust to atmosphere.



Flame Trap Element

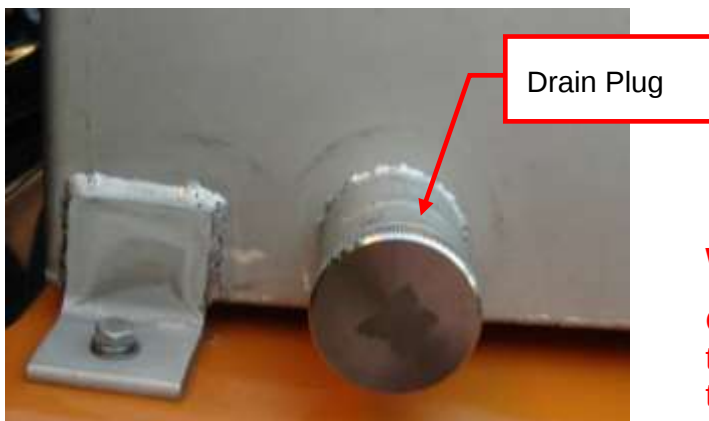
1. Unscrew the wing nuts on the top of the flame-trap cover;
2. Remove the top cover;
3. Remove the element using the supplied Tee handle;
4. Place this element in a degreaser cleaning solution and wash it with a high pressure hose;
5. Inspect element to ensure there is no carbon remaining between the plates;
6. Reassemble the flame-trap securing the wing nuts firmly.

Note:

Failure to clean the flame trap element weekly may result in lower engine performance or damage to the engine.



Maintenance required at the end of each day or at the end of each shift during which the vehicle has been operated.



Draining, Flushing and Refilling

1. Remove both the fill and drain plug from the conditioner;
2. Wait a complete drainage of the tank;
3. Flush the system by passing water from the fill socket until it run clear from the drain;
4. Replace the drain plug;
5. Using a hose on low pressure, fill the tank until water runs out the fill hole.
6. Remove the hose and wait the water to level with the fill plug;
7. Replace the fill plug.

Warning:

Overfilling the exhaust conditioner tank can cause the water getting into the engine.

Sacrificial Anode

A Sacrificial anode is screwed in the drain plug to prevent the exhaust conditioner corrosion.

It must be checked on every refilling of the tank and replaced if its core gets exposed.

Note:

Failure to replace a corroded sacrificial anode will reduce the tank life dramatically.





Cleaning Solvent

For the cleaning of the flame trap element and for the periodic cleaning of the exhaust conditioner, the following product is suggested:

'CT14 GUTSY DEGREASER' or similar, available from 'Super Cheap Auto', 'Auto Barn' or 'Repco'

Water Used In Exhaust Conditioner

The use of bore water is NOT recommended for the exhaust conditioner due to the irregularities of chemicals present which can greatly reduce the life expectancy of the conditioner.

If bore water is preferred to be used than testing of the water should be performed to ensure it will not be detrimental to the conditioner.

The use of unsuitable water will negate any warranties on the conditioner

Exhaust Conditioner Diagram

