

# Micro Separator

Diesel Performance Products [www.dintra.com](http://www.dintra.com)

## Installation Instructions

### Installation Instructions for Micro-Separator Fuel Purification System

Thank you for purchasing this state of the art product.

In the parcel you will find the Micro-Separator fuel purifier with plastic transport caps in all ports, a breather valve (1) for the upper opening, a drain valve (2) for the opening at the bottom and a mounting bracket (6). For the optional water sensor (5) please refer to the instructions for this sensor prior to installation.

When installing the purifier, fuel resistant sealant should always be applied to all connections before mounting any valves or connectors. This also applies after any of these connectors have been removed.

The flow direction of the fuel is shown on the label on the purifier itself.

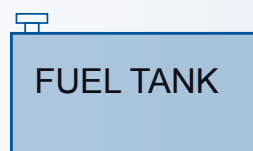
Remove all plastic caps and install the drain valve in the bottom port of the purifier and the breather valve in the upper opening.

It is recommended that the purifier is installed with the IN (3) and OUT (4) ports in the same plane as those of the primary engine filter, but certainly not more than 7 centimetres higher than the ports of the primary filter. If the purifier is mounted too high, the fuel flow from tank to engine might be restricted.

If the purifier is mounted with the IN and OUT ports below the tank, the fuel can freely flow to the Micro-Separator, which should also be avoided.

Use the bracket to mount the separator in the upright position, so that the IN and OUT ports match the flow direction.

It is easy to distinguish the inlet port from the outlet port by looking inside the ports: the inlet port has a steel tube running deeper into the purifier, whereas the outlet port is merely a threaded hole.



Mount the purifier at an easily accessible spot and make sure that there is sufficient space to open the drain valve and to drain the purifier and that there is room for a container/canister with at least the volume of the purifier to collect the water and dirt from the bottom of the purifier in.

**OPTIONAL WATER SENSOR (5)**

Connect the fuel lines of your installation to the IN and OUT ports of the purifier. Open the breather valve and close the drain valve. Fill the Micro-Separator with clean fuel. Close the breather valve once the purifier is filled with fuel.

This procedure must be repeated if the purifier has been disconnected from the fuel line.

Once the purifier is filled with fuel and both valves of the purifier are closed, start the engine and check for leaks.

If the engine has trouble starting, this could be an indication for:

1. One of the fittings is leaking and fuel pressure has dropped. Check all the fittings and re-apply sealant when necessary.
- or
2. (if this happens after some time of use): Purifier is clogged with dirt and must be drained,

### ROUTINE MAINTENANCE

Check the Micro-Separator for contamination at the same intervals as recommended for the engine oil change. Do not exceed 500 hours or 5,000 kilometres.

1. Make sure that the vehicle/engine ignition is in the off position. If applicable, use the parking brake so that the vehicle cannot move.
2. Use a suitable container (larger than the separator) and drain the unit until all water, dirt and contaminated fuel is removed.

**NOTE:** It is not necessary to completely empty the Micro-Separator: When clean diesel fuel starts to come out of the drain valve, the draining process is finished. When the draining is ready, close the drain valve. Dispose of the contaminated fuel according to local rules taking note that the waste in the container is considered HAZARDOUS material.

