

# Installation Instructions for Diesel Particulate Filters

Before fitting a replacement Diesel Particulate Filter please ensure that the root cause of failure of the existing unit has been correctly diagnosed and rectified. Failure to correct any faults or defective components may result in damage to the replacement Diesel Particulate Filter and invalidate your warranty

## SAFETY FIRST!

Ensure all work is undertaken by a competent individual using appropriate tools and equipment. Ensure ALL safety legislation relevant to your region or country is adhered to during the replacement of the Diesel Particulate Filter

EEC Ltd. accepts no responsibility for personal injury or damage to vehicles, tools, equipment or property

## Removal

- Disconnect the earth terminal from the vehicle battery
- Lift the vehicle safely. Ensure the vehicle is secure before working underneath it
- Identify any electrical connectors that link to any sensors on the Diesel Particulate Filter – disconnect the electrical connectors and ensure wires are completely free
- Carefully remove any sensors and protect from damage until refitted
- Loosen all retaining nuts and bolts that secure the Diesel Particulate Filter to the vehicle and other exhaust components
  - Any rusted or seized fittings may require application of penetrating oil or heat to ease removal
  - Ensure appropriate safety measures are undertaken when using naked flame heat sources
- Remove all nuts and bolts and remove the Diesel Particulate Filter – assistance may be required if the unit is large and heavy

## Re-Fitment

- Ensure all mating surfaces are clean and contaminant free
- Always use a new fitting kit, ensure new nuts and bolts are used
- **DO NOT APPLY SEALANT OR EXHAUST PASTE!** Doing so will damage your replacement Diesel Particulate Filter and invalidate your warranty
- Refit the replacement Diesel Particulate Filter using a new fitting kit but do not fully tighten nuts and bolts
- Re-install any sensors removed from the original unit – do not tighten fully
- Inspect the areas around the replacement Diesel Particulate Filter and ensure there is no possibility of contact with the vehicle floor or other components
- Fully tighten all nuts, bolts and sensors – take care not to over-tighten sensors. Ensure all sensor cables are secure and not in contact with the exhaust system
- Lower the vehicle, start the engine and inspect for leakage – you may need to lift the vehicle for inspection access
- Ensure any associated fault codes are cleared from the ECU
- Perform a forced regeneration and update the ECU accordingly