

### IMPORTANT BEFORE STARTING

Ensure the engine bay is clean and free from contaminants. The Fuel Manager unit has arrows which indicate flow located under the ports. Install all fittings and plugs into the filter assembly using a suitable thread paste such as: **Permatex Thread Sealant 52914**. To speed up the priming process, fill the Fuel Manager with clean diesel before priming. If you do not have access to clean diesel, disconnect the outlet of the Fuel Manager and turn the key until clean diesel comes out of the outlet. Refit the quickfit, clean and hand prime until firm.



## Nissan Patrol 3.0L - Common Rail & TD42

### KIT CONTENTS

### LOCATION



**PLEASE NOTE:** Take care with cleanliness when installing the filter assembly and associated pipes and fittings to prevent the ingress of contaminants. The Fuel Manager has arrows to indicate direction of flow under each threaded hole, these holes are also numbered 1, 2, 3 & 4

**1.** The bracket mounts on the drivers side inner mudguard (see image to right). Use the 2x 8mm bolts and 2x 6mm bolts supplied. On some vehicles, there may be a solenoid mounted in this position. This will now mount on the bracket supplied.

**2.** Secure the bracket onto the mudguard and ensure the gas strut clears the new bracket.

**3.** Mount the filter to the bracket.

**4.** Install the brass fittings in the filter head as shown top right of this page. Use a suitable sealant paste and NOT thread tape.

**5.** Completely remove the flexible fuel hose from the inlet side of the original filter. Using a suitable length of the supplied hose (ensure not to cut the hose too short as kinks may occur). Connect one end over the steel fuel supply line from the tank and secure with a supplied hose clamp. Insert one of the plastic quick fits into the other end and fit onto the brass INLET quick fit you have already inserted in the head of the Fuel Manager.

**6.** Connect one end of the remainder of the supplied fuel hose to the inlet of the original filter. Cut to a suitable length to reach the fuel manager outlet. Insert the other supplied black quick fit into the fuel hose and connect to the OUTLET quick fitting you have already installed into the Fuel Manager head.

**7.** Remove the Fuel Manager filter from the head (by unlocking the black lock collar) and fill with CLEAN diesel. Refit the filter ensuring the Fuel Manager logo is under the thumb screw in the head. Refit the lock ring and tighten until it clicks into place. The system is now ready to prime and start. Check for leaks.

**IMPORTANT!!** Be careful with cleanliness! Do not allow dirt or foreign particles to enter the hose or fittings! Double check your connections regarding flow to ensure they are correct before securing with hose clamps. Use Zip-ties to tidy the hoses.

