



TAP adaptor installation

INTRODUCTION

Clean Diesel tank access ports (TAP) have been designed for periodical inspection or cleaning of diesel fuel tanks. Because of the high quality 316 grade stainless steel material used in some versions, the TAPs can also be installed on water storage tanks as well as in almost any other types of storage/holding tanks (please contact us regarding liquid compatibility). We do not recommend installation on tanks containing petrol or any other highly flammable liquids or gases. The TAPs are compatible with ALL tank materials such as stainless steel, aluminium, steel, plastic, copper alloy and fiberglass/composite. For fiberglass/composite tanks it is necessary to use the appropriate adapter rings available separately.

SKILLS N' TOOLS

For best results we recommend using an authorized installer however, if you have the necessary skills to use a drill, a jigsaw and a hole saw you could complete the installation yourself in no time. You will need the following tools:

- Electric drill or jigsaw with the appropriate blade for fiberglass.
- Hole saw 200 mm
- Hole saw arbor with ¼ drill bit
- 4mm drill bit
- 10mm spanner

All the necessary tools are available for purchase from Clean Diesel website: www.cleandiesel.com.au

SAFETY FIRST

DO NOT use any electric or hand tools unless you have been trained in its safe use and operation. Potential hazards in using a drill or a jigsaw include: exposed moving parts and electrical hazard with the potential to cause harm through entanglement, impact and cutting, exposure to heat, dust, projectiles and sharp objects. Personal protective equipment (PPE) required is Eye Protection, Appropriate Footwear and Safe Work Protective Clothing. Make sure that all the installation instructions are clearly understood. When drilling:

- Ensure drill bit is installed tightly into chuck and chuck key has been removed (if applicable).
- Drilling holes are marked correctly.
- Correct drill speed has been set.
- Correct drill bit has been selected for material being drilled.
- Identify ON/OFF switch and emergency stop button (if applicable).
- Check that drill bit runs 'true' and does not wobble.
- Keep hands clear of work piece and away from rotating tool.
- Exercise caution when removing hot drill bit.

INSTALLATION

Please make sure the installation surface is clean and dry. Use only the sealing compound supplied. To complete the installation you will have to follow these 8 simple steps:

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The TAP will come pre-fitted to the adaptor. Remove the M6 nuts, spring washers and flat washers securing the hatch to the flexi ring, remove the top plate cover and place it to the tank on the desired installation area. Avoid installation on top of a baffle and for best results the hatch should be installed centrally. If you are using a jigsaw mark the area using the top plate as a template. **Picture 1**



If you are using a hole saw cut a hole the diameter of between 192- 200mm. Clean and degrease area surrounding the cut. **Picture 2**



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Reinstall the top plate on the assembly and secure with fasteners. **Picture 3**



Turn the assembly with the back facing upwards and using the special sealing compound supplied apply the sealant as shown in the picture. **Picture 4**



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Place the assembly on the top of the tank in the hole and apply some pressure to ensure a good sealing surface.

Picture 5



Drill 4 mm pilot holes in each of the mounting holes on the adaptor ring. **Picture 6**



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Step 4

Using a drill with an 8mm socket install the supplied self-tapers fasteners with their nylon washers. **Picture 7**



Once secured to the tank with the adaptor ring, the top of the hatch can be removed for inspection or cleaning procedures. **Picture 8**

