

Clarke®



ENGINE DRIVEN 2" DIESEL PUMP

MODEL NO: DW50

PART NO: 7230170

OPERATION & MAINTENANCE INSTRUCTIONS



ORIGINAL INSTRUCTIONS

LS0817 ISS 1

INTRODUCTION

Thank you for choosing this Clarke Pump.

The function of this pump is to move clean /dirty water (maximum solid diameter of 10-12 mm).

DO NOT use it to pump:

- Sewage
- Dangerous liquids.
- Salt water

Before you use this pump read the manual fully.

GUARANTEE

This pump is guaranteed against faulty manufacture for a period of 12 months from the date of purchase.

Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the pump has been abused, tampered with, or not used for its primary function.

Faulty goods must be returned to their place of purchase, no pump can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

INVENTORY

You should find the items in the list below in the carton.

1 x Diesel Powered Water Pump	2 x Rubber Sealing Rings
2 x 2" Hose adaptors	2 x 2" Hose clips
1 x Inlet Strainer (in two pieces) with 2" Hose Coupling/clip	

Speak to your Clarke dealer if items are missing or damaged.

GENERAL SAFETY RULES



WARNING: WHEN USING PUMPS, ALWAYS FOLLOW BASIC SAFETY PRECAUTIONS TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND PERSONAL INJURY. READ ALL INSTRUCTIONS BEFORE YOU OPERATE THIS PUMP AND SAVE THEM FOR FUTURE REFERENCE.

1. ALWAYS obey all safety precautions for the handling of fuel.
2. ALWAYS make sure that you are familiar with this pump, and follow all instructions in this manual.
3. ALWAYS make sure that the pump is positioned correctly to prevent it from moving during operation.
4. Keep the area adjacent to the pump clear.
5. ALWAYS connect the strainer to the suction hose to stop stones and other solids from being pulled into the pump. These can cause damage to the pump.
6. ALWAYS keep the pump dry and clear of the discharge hose.
7. Only use parts supplied by the manufacturer. Using non-standard parts can be dangerous.
8. ALWAYS use at least 300mm of flexible hose to make plumbing connections to the pump. Rigid piping can put stress on the pump, causing damage. If you use rigid piping, it must be supported to eliminate strain on the connections.
9. DO NOT refuel the engine while it is operating and let the engine cool sufficiently before refuelling.
10. DO NOT use to pump petrol (or other flammable liquids), or corrosive chemicals. The function of this pump is to pump WATER ONLY.
11. DO NOT operate this pump in an explosive atmosphere, near combustible materials, or where there is insufficient ventilation.
12. DO NOT let children use this pump.
13. DO NOT run the pump dry. Always fill the pump with water before starting.
14. DO NOT direct the discharge flow towards another person.
15. DO NOT over-tighten drain or filler plugs. Excessive force can damage the threads or the pump body.
16. DO NOT direct the water discharge towards electrical wiring or equipment.

GENERAL SAFETY IN THE WORKPLACE

1. Always keep work area clean & tidy. Cluttered work areas invite accidents.
2. Never over-reach. Keep proper footing and balance at all times.
3. Always make sure that the workplace is well lit. Make sure that that lighting is placed so that you will not be working in your own shadow.
4. Dress correctly. Loose clothing or jewellery can get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
5. Always wear safety glasses. (Everyday glasses are not safety glasses).

CARE OF PUMPS

1. Always examine the pump for damage that can effect the operation.
2. The Clarke service department will only replace damaged components using original spare parts.

Keep the instructions for future reference.

SAFETY SYMBOLS

The meanings of the markings and symbols on the pump are shown below.



Read this manual before use and keep it for future reference

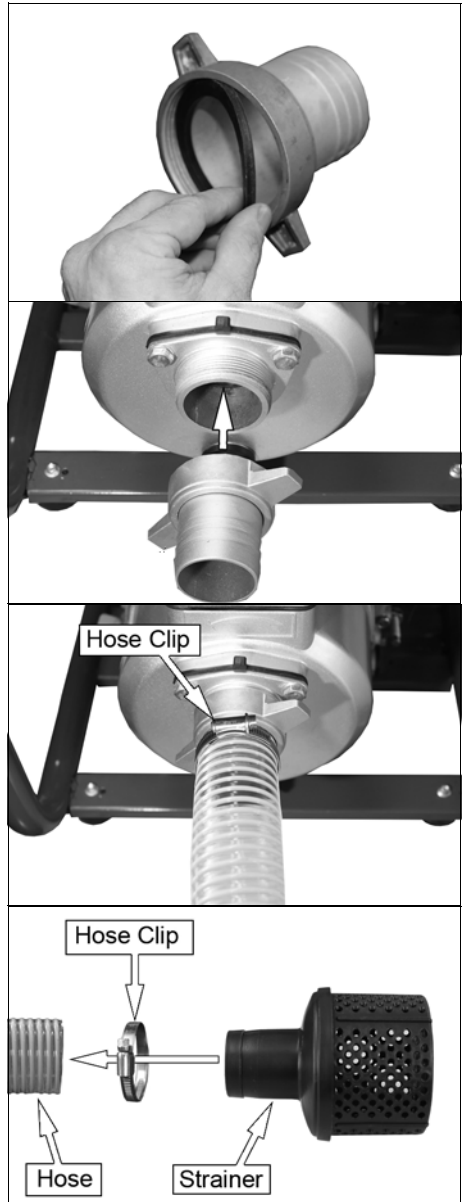
ENVIRONMENTAL PROTECTION

At the end of its working life, do not discard this pump or its components with general household waste. Packaging must be taken to a recycling centre and discarded appropriately.

ASSEMBLY

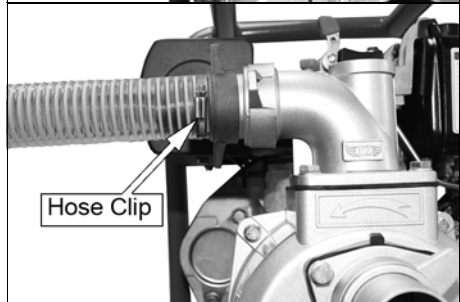
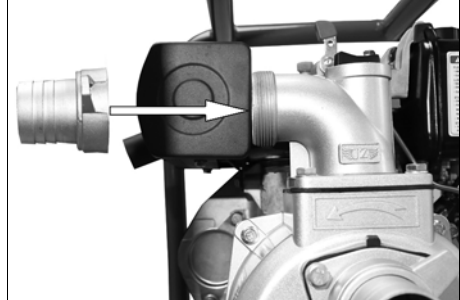
INSTALL THE SUCTION HOSE

1. Put the rubber washer into the adaptor.
 - Make sure that it is seated correctly.
2. Screw the adaptor onto the pump.
 - PTFE tape can be used to ensure a good seal.
3. Slide the hose on to the adaptor and lock in position with the hose clip supplied.
 - 2" Reinforced Hose is available from your Clarke supplier (Part number - 7955020)
4. Install the strainer on to the other end of the hose following the picture on the right.



INSTALL THE DISCHARGE HOSE

1. Put the rubber washer into the adaptor.
 - Make sure that it is seated correctly.
2. Screw the adaptor onto the pump.
 - PTFE tape can be used to ensure a good seal.
3. Slide the hose on to the adaptor and lock in position with the hose clip supplied.
 - 2" Reinforced Hose is available from your Clarke supplier (Part number - 7955020)
 - 2" Lay Flat Hose is available from your Clarke supplier (Part number - 7955160)



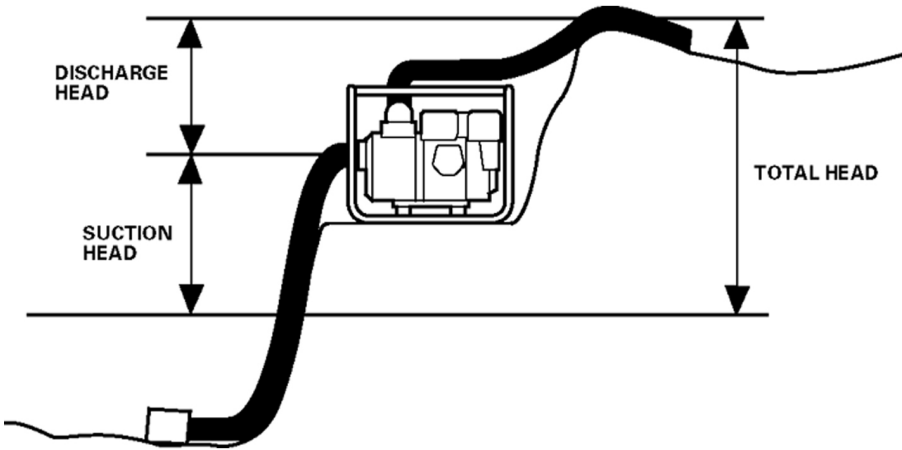
BEFORE USE

POSITIONING THE PUMP

For optimum performance, place the pump near the water level and use hoses that are no longer than necessary.

As "head" (pumping height) increases, pump output decreases. The length and size of the suction and discharge hoses can also effect pump output.

The discharge head is always greater than the suction head, so it is important for the suction head to be the smaller part of the total head.



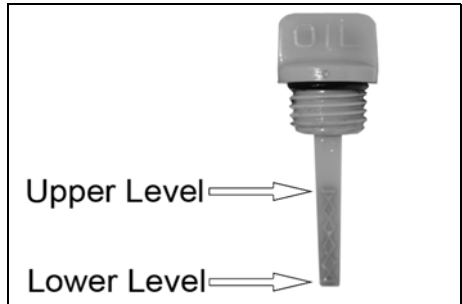
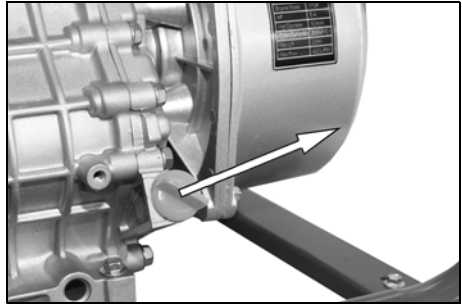
CHECK THE ENGINE OIL LEVEL



WARNING: TO DO THIS CHECK, STAND THE PUMP ON LEVEL GROUND WITH THE ENGINE SWITCHED OFF.

WARNING: BE CAREFUL NOT TO TOUCH HOT PARTS OF THE PUMP WHEN CHECKING THE OIL LEVEL.

1. Turn the oil filler cap anti-clockwise and remove from the oil filler tube.
2. Wipe the dipstick clean with a lint free cloth.
3. Slide the dipstick into the oil filler tube and remove it again. Do not screw in the oil filler cap/dipstick when doing this.
4. If the oil level is at or below the 'Lower level' mark on the dipstick, Fill the crankcase with oil to the 'Upper level' mark.
 - Oil capacity is 1 Litre.
 - We recommend you use SAE15W40 oil in this pump, available from your Clarke dealer.
5. Replace the oil filler cap.



ADD DIESEL FUEL



WARNING: REFUEL IN A VENTILATED AREA, AWAY FROM SOURCES OF IGNITION.

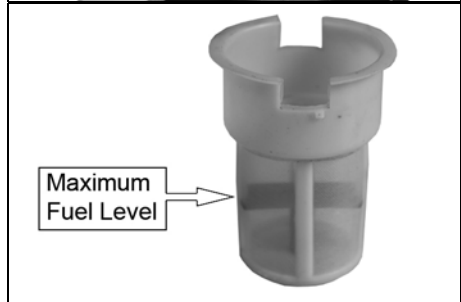
WARNING: IF THE ENGINE IS HOT, LET IT COOL BEFORE REFUELING.

WARNING: KEEP FUEL OUT OF THE REACH OF CHILDREN.

RECOMMENDED FUEL

Only use regular diesel.

1. Remove the fuel filler cap.
 - Inside the fuel tank is a fuel filter which collects contaminants as you refuel.
2. Slowly add fuel to the fuel tank.
 - Make sure that the fuel level is not above the maximum fuel level mark in the fuel filter.
3. Replace the fuel tank cap.



OPERATION

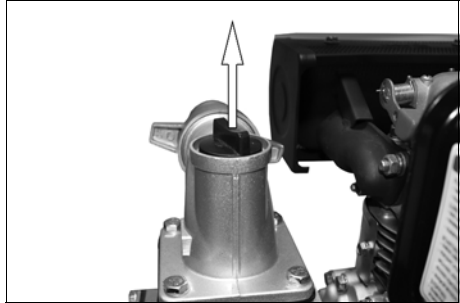


WARNING: WHEN YOU OPERATE THE PUMP, THE EXHAUST MUFFLER WILL BECOME VERY HOT.

WARNING: DO NOT OPERATE THE ENGINE IN A CLOSED SPACE, MAKE SURE THAT THERE IS SUFFICIENT AIRFLOW AROUND THE PUMP.

PRIME THE PUMP

1. The pump **MUST** be primed before use.
2. Before starting the engine, remove the filler cap from the pump chamber.
3. Fill the pump chamber with water.
4. Replace the filler cap and tighten it securely.

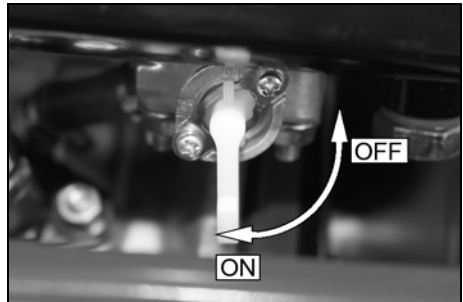


WARNING: OPERATING THE PUMP DRY WILL DESTROY THE PUMP SEAL. IF THE PUMP IS OPERATED DRY, STOP THE ENGINE IMMEDIATELY, AND LET THE PUMP COOL BEFORE PRIMING

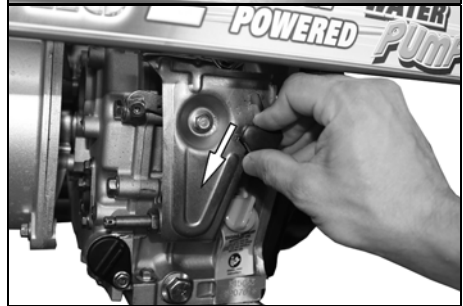
START THE ENGINE

1. MAKE SURE THE PUMP IS PRIMED (SEE PAGE 10)

2. Set the fuel valve to the (O) ON position.



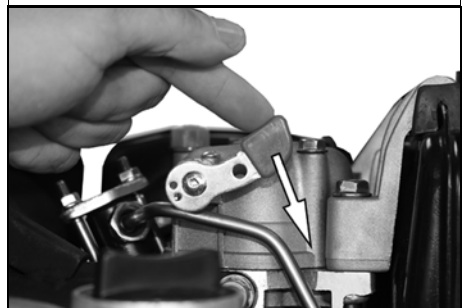
3. Set the speed adjusting knob to the START position.



4. Hold the starting handle tightly and pull until you start to feel resistance, then return it slowly to its initial position.



5. Push the decompression lever down and release.



6. Pull the starting handle lightly until you start to feel resistance. Then pull up and away suddenly to start the engine.

NOTE: If the engine fails to start go back to step 4 and try again.

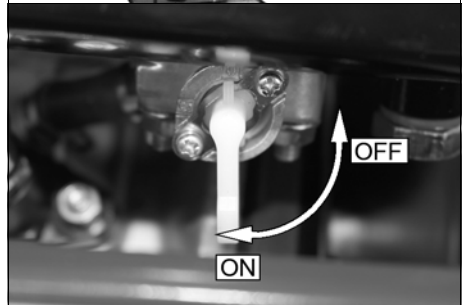
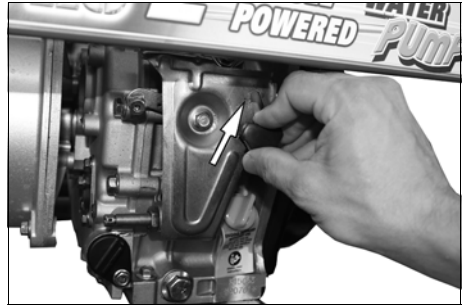


WARNING: WHEN THE ENGINE HAS STARTED, RETURN THE STARTING HANDLE SLOWLY TO PREVENT INJURY/DAMAGE AS IT RETURNS.

STOPPING THE ENGINE

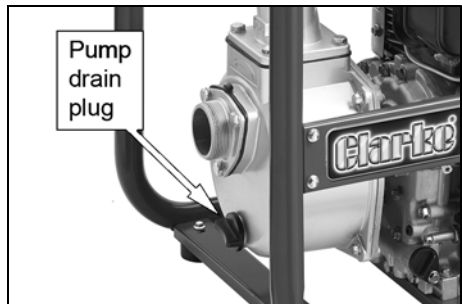
1. Set the speed adjusting knob to "Stop" position.
 - You do not need to use the decompression lever when stopping the engine.
2. Turn fuel switch back to "S" (OFF) position.
3. Hold the starting handle tightly and pull until you start to feel resistance, then return it slowly to its original position.

NOTE: This can help to prevent cylinder corrosion.



AFTER USE

1. Remove the pump drain plug to drain the pump chamber.
2. Remove the filler cap, and flush the pump chamber with clean, fresh water.
3. Let the water drain from the pump chamber, then replace the filler cap and drain plug.



MAINTENANCE

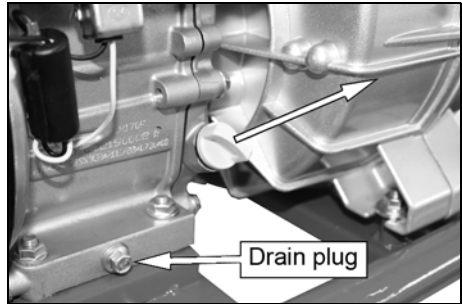
CHANGING THE ENGINE OIL



CAUTION: PROLONGED EXPOSURE TO USED ENGINE OIL IS DANGEROUS, ALWAYS WASH YOUR HANDS THOROUGHLY AFTER HANDLING USED ENGINE OIL.

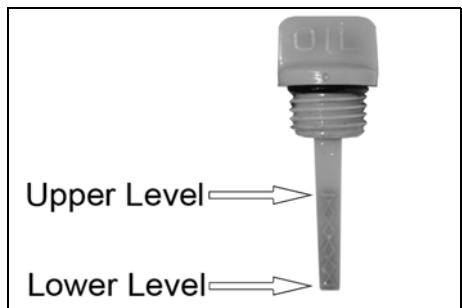
The oil in the engine must be changed after the first 20 hours use and then every 6 months or 100 running hours.

1. Unscrew and remove the oil filler cap/dipstick.
2. Put an oil collection tray below the drain plug.
3. Unscrew the drain plug and let the used engine oil drain from the crankcase into the oil collection tray.



NOTE: Drain the engine oil when the engine is warm; as the oil will flow more freely this will make sure that the oil flows out faster.

4. Replace the drain plug.
5. Fill the crankcase with oil to the 'Upper level' mark on the dipstick.
6. Replace the oil filler cap/dipstick.



ENVIRONMENTAL PROTECTION

One of the most damaging sources of pollution is oil, do not throw it away or pour it down drains. Put it in a leak proof container and take it to your local waste disposal site.

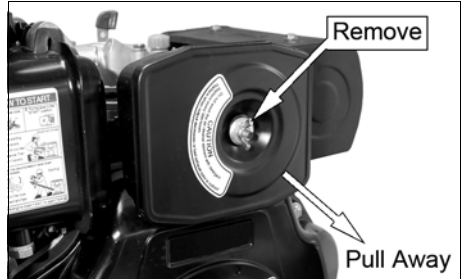
CHANGING THE AIR FILTER



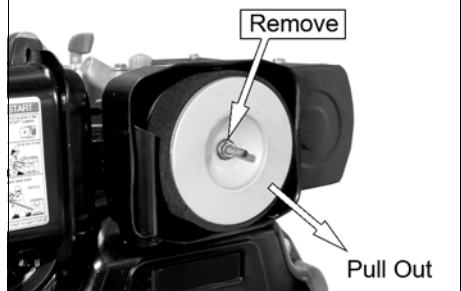
CAUTION: DO NOT OPERATE THE PUMP WITHOUT THE AIR FILTER INSTALLED AS THIS WILL CAUSE EXCESSIVE WEAR TO THE ENGINE.

Clean the air filter after 50 hours of operation (or more often in unusually dusty conditions) as follows.

1. Remove the wingnut and lift off the air filter cover.



2. Remove the nut that holds the air filter in position.
3. Remove the air filter element.
4. Clean the air filters or replace if necessary.



- If the filter is dirty, wash the filter in a solution of warm water and mild detergent and rinse thoroughly. Let the filter dry fully.
- When it is dry, dip the filter in clean engine oil and squeeze out excess oil.
- It is normal for blue smoke to come out of the exhaust for a short time when the filter has been cleaned.

5. Replace the filter and cover.

STORAGE

Before long-term storage:

1. The pump must be cleaned by flushing with clean water, otherwise, the impeller may be damaged in next operation. After flushing, remove the drain plug and drain all the water from the pump. Then replace the drain plug.
2. Discharge the fuel in the fuel tank. Remove the fuel pipe connector to drain the fuel, then retighten the fuel pipe connector.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The engine does not start.	No fuel in tank.	Add fuel.
	Fuel valve is set to OFF,	Set the fuel valve to ON,
The engine stops and will not restart.	No fuel in tank.	Add fuel to the tank.
The pump fails to prime.	Priming chamber not filled correctly.	Fill priming chamber leaving no air gap.
	Air leaking due to damaged hose, broken hose clamps, split/ill-fitting gasket.	Repair as necessary.
	Blocked inlet hose.	Clean strainer and make sure that it is not submerged in mud or sediment. Make sure that there are no kinks in the delivery hose.
	Damaged impeller.	Disassemble the pump and replace the impeller.
	Air leaking through damaged seal.	Replace seal.
Low output from pump.	The impeller is clogged.	Clean strainer and make sure that it is not submerged in mud or sediment.
	Pickup or delivery hose obstructed.	Clear obstruction and make sure that there are no kinks in hose.
	Suction lift too high.	Set the pump nearer to the water level.
	Congested material inside pump.	Disassemble the pump and clean out.
	Damaged impeller.	Disassemble the pump and replace the impeller.

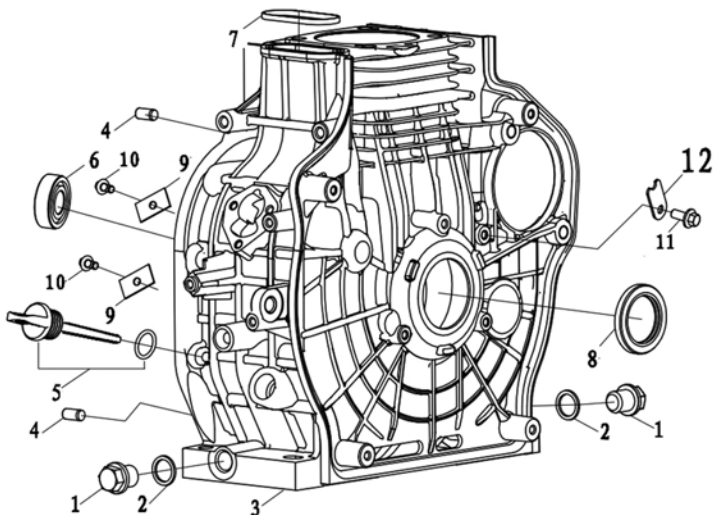
If you cannot correct the fault, speak to your local dealer or the Clarke International service department.

SPECIFICATION

Item	Spec
Pump dimensions (L x W x H)	501 x 423 x 520 mm
Pump Weight (kgs)	43.68 kg
Water classification	Dirty / Clean (NOT SEWAGE)
Max solids in suspension	10-12 mm
Inlet/Outlet Size	2" BSP
Maximum Flow	450L/min max
Max Head	27 m
Suction Head	7 m
Max Pressure	2.3 bar
Run time @75% rated load	4 hrs
Engine type/speed	5.4 HP @ 3600 rpm
Fuel tank capacity (petrol)	2.5 L
Lubrication oil capacity/grade	1 Litre (SAE 15W40)
Sound Pressure Level	90.69 dB LpA
Sound Power Level	104.08 dB LWA
Guaranteed sound power level	107 dB LWA
Uncertainty Factor (K)	2.5 dB

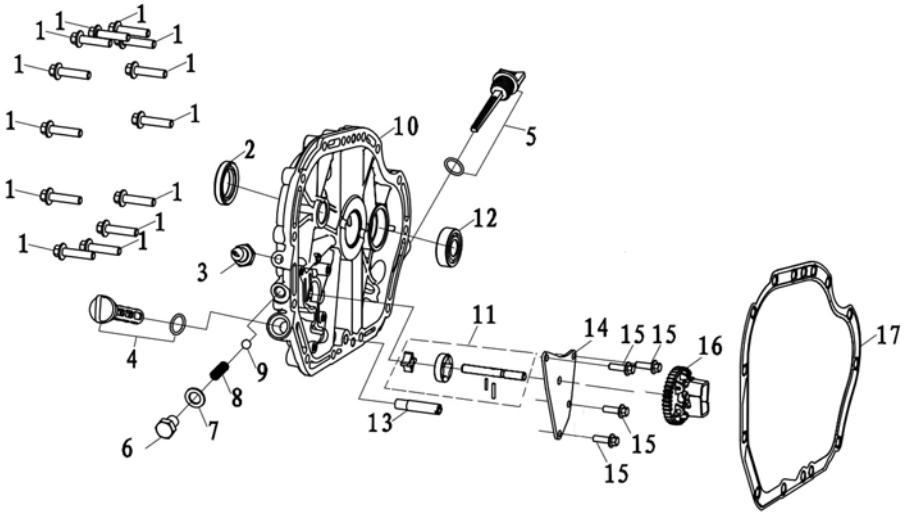
EXPLODED DIAGRAMS AND PARTS LIST

FIG 1 - CRANKCASE ASSEMBLY



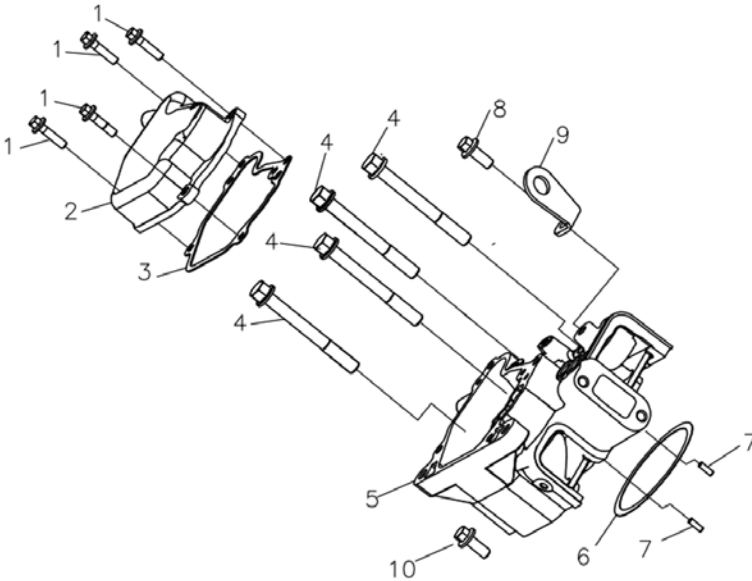
NUMBER	DESCRIPTION	PART NUMBER
1	SEAL PLUG M16x16	ZG1102600510001
2	WASHER Ø16.5xØ22.5x1.8	ZG3804508300001
3	CRANKCASE	ZG1108102080001
4	PIN 8x16	ZG3806001690001
5	OLL FILLER CAP ASSEMBLY,	ZG1106900510001
6	BEARING 6203	ZG3806300020001
7	SEAL	ZG3808407920001
8	OIL SEAL 35x52x7	ZG3806503370001
9	BEARING PLATE	ZG1302400040001
10	FLANGE BOLT, M8x16	ZG380140040000

FIG 2 - CRANKCASE COVER



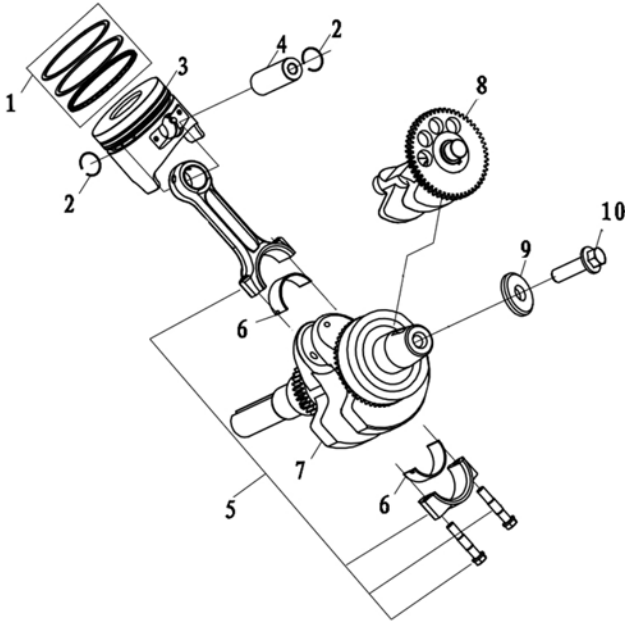
NUMBER	DESCRIPTION	PART NUMBER
1	FLANGE BOLT, M8x35	ZG3801400510005
2	OIL SEAL 30x46x8	ZG3806503360001
3	SEAL PLUG 1/8-27NPTF	ZG1102600530001
4	OIL FILLER ASSEMBLY	ZG1502900210001
5	OLL FILLER CAP ASSEMBLY	ZG1106900510001
6	BOLT M12x16	ZG3800702880001
7	WASHER Ø12xØ20x2	ZG3804505160001
8	COMPRESS SPRING	ZG3811505140001
9	BALL	ZG3806400160001
10	CRANKCASE COVER	ZG1108200640001
11	OIL PUMP	ZG1500100680001
12	BEARING 6203	ZG3806300020001
13	PIPE INLET OIL	ZG3807801230001
14	OIL PUMP PLATE	ZG1500400290001
15	FLANGE BOLT, M6x20	ZG3801400030005
16	GOVERNOR GEAR ASSEMBLY	ZG1717500180001
17	CRANKCASE GASKET, COVER	ZG1108300420001

FIG 3 - CYLINDER HEAD ASSEMBLY



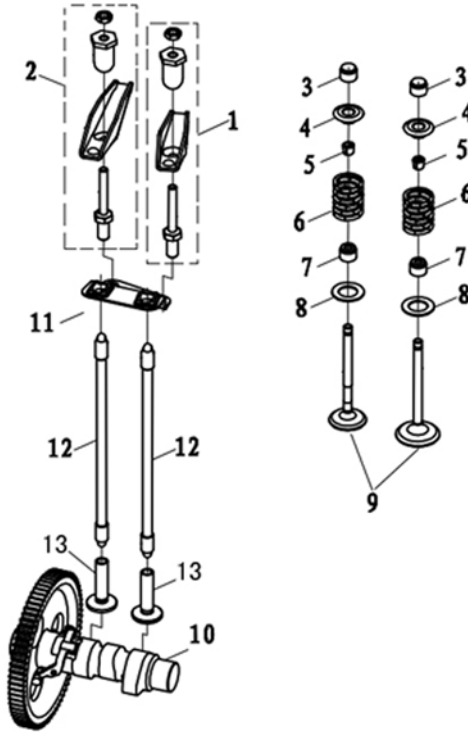
NUMBER	DESCRIPTION	PART NUMBER
1	FLANGE BOLT, M6x25	ZG3801401020004
2	CYLINDER HEAD COVER COMP	ZG1202200400001
3	CYLINDER GASKET, HEAD COVER	ZG1202500310001
4	HEAD BOLT, M10x1.25x90	ZG3801405960001
5	CYLINDER HEAD COMP	ZG1200805280001
6	CYLINDER GASKET	ZG1201501530001
	CYLINDER GASKET	ZG1201501900001
	CYLINDER GASKET	ZG1201501910001
7	PIN 4x12	ZG3806001670001
8	FLANGE BOLT, M8x20	ZG3801400040004
9	LIFTING EYE	ZG1205500050001

FIG 4 - CONNECTING RODS AND CRANKSHAFT



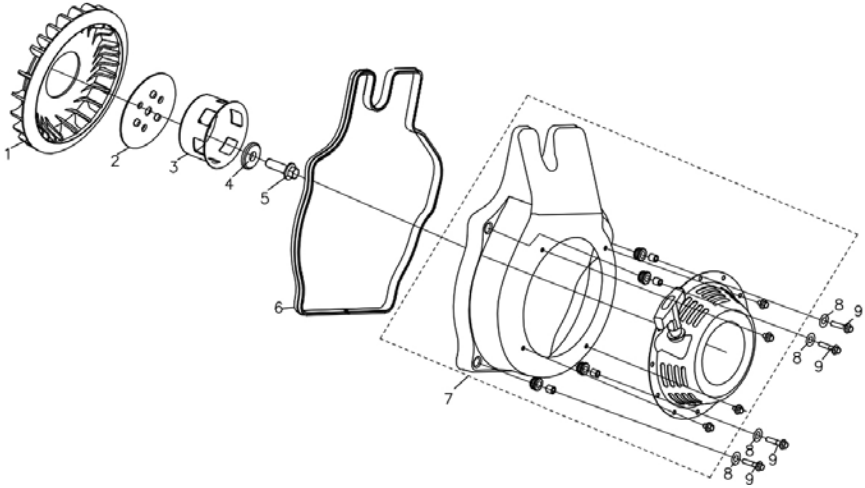
NUMBER	DESCRIPTION	PART NUMBER
1	RING SET	ZG1300701380001
2	PISTON PIN CLIP	ZG3805600920001
3	PISTON	ZG1300301570001
4	PISTON PIN	ZG1300600580001
5	CONN ROD ASSEMBLY	ZG1301500830001
6	CRANK PIN SHELL	ZG1102800070001
7	CRANKSHAFT COMP.(A)	ZG1302904520001
8	BALANCE SHAFT	ZG1304300180001
9	WASHER Ø13×Ø38×3.5	ZG3804507020001
10	BOLT M12×12.5×35	ZG3801404570001

FIG 5 - VALVE TRAIN



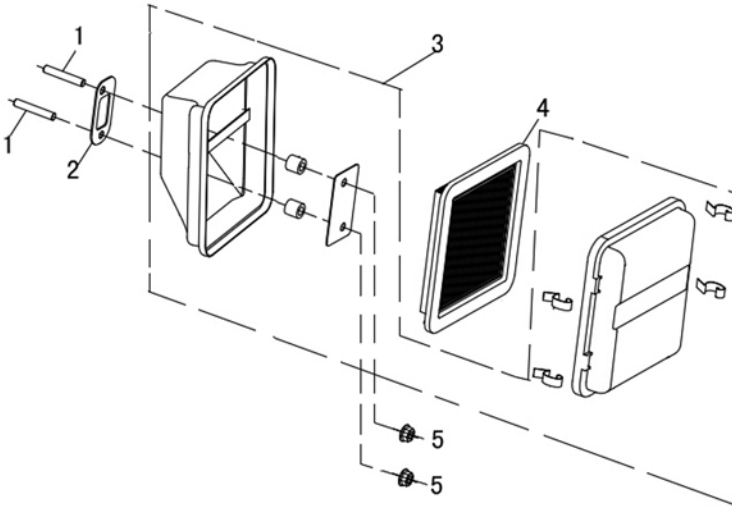
NUMBER	DESCRIPTION	PART NUMBER
1	INTAKE ROCKER ARM ASSEMBLY	ZG1404500420001
2	EXHAUST ROCKER ARM ASSEMBLY	ZG1404500430001
3	VALVE CAP EXHAUST	ZG1403200070001
4	SEAT, VALVE	ZG1403800360001
5	VALVE LOCK CLAMP	ZG1403900260001
6	VALVE SPRING	ZG1403400350001
7	VALVE STEM SEAL	ZG1404000220001
8	VALVE SEAT BOTTOM	ZG1403600140001
9	VALVE KIT	ZG5005500400001
10	CAMSHAFT COMP	ZG1400201450001
11	GUIDE VALVE PLATE	ZG1407200080001
12	PUSH ROD COMP	ZG1406700240001
13	TAPPET VALVE	ZG1406900200001

FIG 6 - PULLSTART ASSEMBLY



NUMBER	DESCRIPTION	PART NUMBER
1	FAN	ZG1601800270001
2	FAN PLATE	ZG6608800020001
3	CUP STARTER	ZG1935900190001
4	WASHER Ø13xØ38x3.5	ZG3804507020001
5	BOLT M12x12.5x35	ZG3801404570001
6	SEAL	ZG3808407580001
7	PULLSTART ASSEMBLY	ZG1934901560001
8	WASHER Ø6xØ18x1.2	ZG3804508280001
9	FLANGE BOLT, M6x30	ZG3801400950005
10	FLYWHEEL	ZG2700202270001

FIG 7 - AIR CLEANER



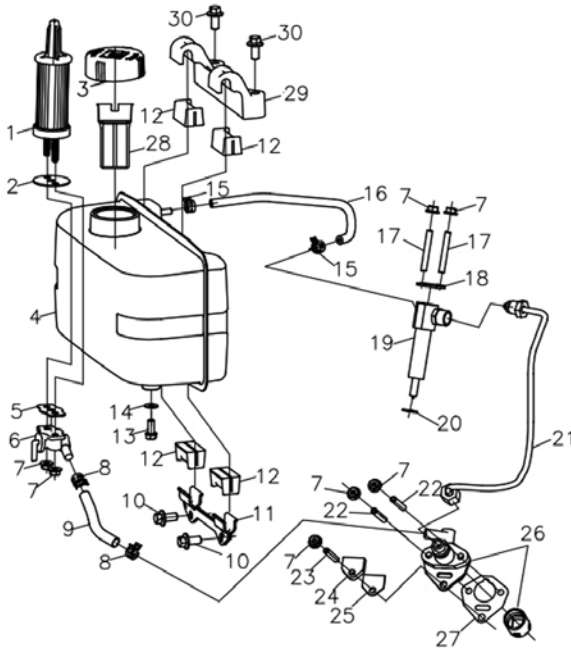
NUMBER	DESCRIPTION	PART NUMBER
1	STUD M8x47	ZG3801801490001
2	GASKET	ZG1830000010001
3	AIR CLEANER ASSEMBLY	ZG1800205340001
4	PAPER ELEMENTS	ZG1801302170001
5	NUT M8	ZG3803700740002

FIG 8 - MUFFLER



NUMBER	DESCRIPTION	PART NUMBER
1	FLANGE BOLT, M6×25	ZG3801401020004
2	WASHER Ø6×Ø18×1.2	ZG3804508280001
3	AIR CONDUCTION COVER	ZG1601900510001
4	NUT M8	ZG3803400050005
5	STUD M8×34	ZG3801800980001
6	MUFFLER GASKET	ZG1806600640001
7	FLANGE BOLT, M8×20	ZG3801400040004
8	MUFFLER	ZG1805712990001

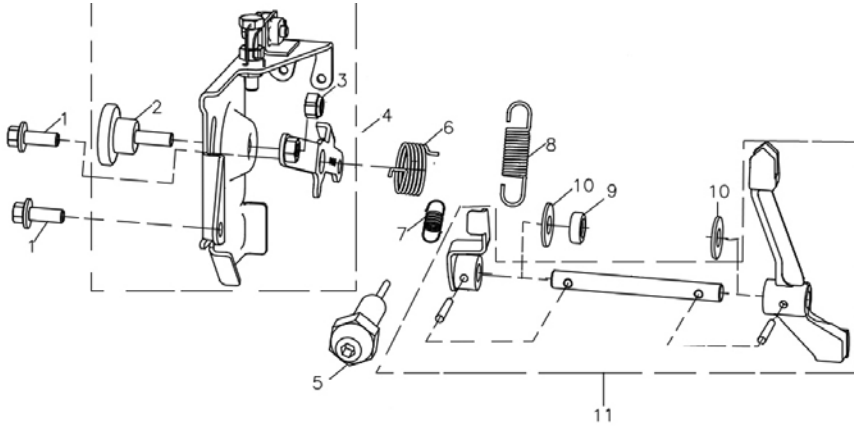
FIG 9 - FUEL SYSTEM



NUMBER	DESCRIPTION	PART NUMBER
1	FUEL FILTER	ZG1700100300001
2	FUEL SEAL	ZG6603100190001
3	CAP	ZG1708700890001
4	FUEL TANK	ZG1705008000001
5	FUEL TAP SEAL	ZG1710200320001
6	FUEL TAP ASSEMBLY	ZG1709800920001
7	FLANGE NUT, M6	ZG3803700660001
8	LATHE DOG COMP.Ø13	ZG3809601980001
9	TUBE	ZG3807504860001
10	FLANGE BOLT, M8x20	ZG3801400040004
11	FUEL TANK BRACKET	ZG3015600170001
12	RUBBER BUSH	ZG1707001410001
13	SEAL PLUG M12x1.25x14	ZG1102600560001
14	WASHER Ø12.5xØ20x2	ZG3804509160001

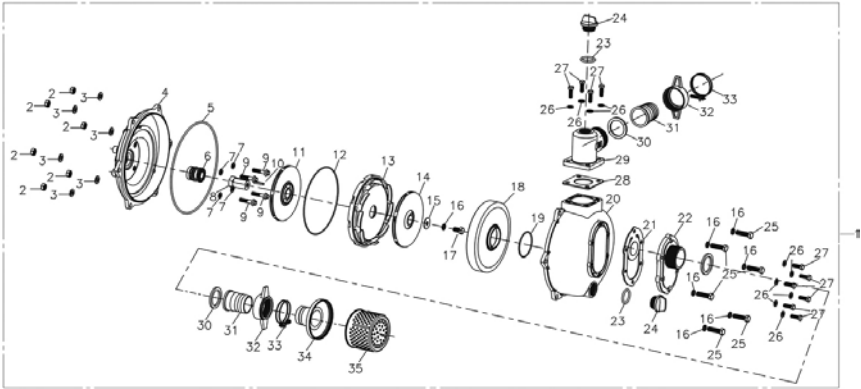
15	HOSE CLIP	ZG3809601700002
16	TUBE	ZG3807504870001
17	STUD M6x54	ZG3801801380001
18	PLATE INJECTOR	ZG1741800010001
19	INJECTOR	ZG1730100040001
20	WASHER Ø8xØ16.5x0.5	ZG3804508290001
21	TUBE	ZG3807504710001
22	STUD M6x38	ZG3801801370001
23	STUD M6x38	ZG3801801450001
24	FUEL PUMPPLATE	ZG1741600010001
25	FUEL PUMP GASKET	ZG1741700010001
26	FUEL PUMP	ZG1741300010001
27	FUEL PUMP GASKET	ZG1741400010001
	FUEL PUMP GASKET	ZG1741400010002
	FUEL PUMP GASKET	ZG1741400010003
28	FUEL FILTER	ZG1707200100001
29	FUEL TANK SUPPORT	ZG3015600160001
30	FLANGE BOLT, M8x40	ZG3801400050006

FIG 10 - GOVERNOR SYSTEM



NUMBER	DESCRIPTION	PART NUMBER
1	FLANGE BOLT, M6x14	ZG3801402150003
2	KNOB CONTROL	ZG171340029T270
3	NON- METAL HEXAGON NUTS M6	ZG3803500080001
4	CONTROL ASSEMBLY	ZG1715800190001
5	FUEL STOP ASSEMBLY	ZG1742300010001
6	TORSIONAL SPRING	ZG3811601500001
7	SPRING	ZG3811404780001
8	GOVERNOR SPRING	ZG1716000420001
9	OIL SEAL 8x14x5	ZG3806503770001
10	WASHER Ø8.5xØ15.8x2	ZG3804505920001
11	FORK	ZG1945300050001

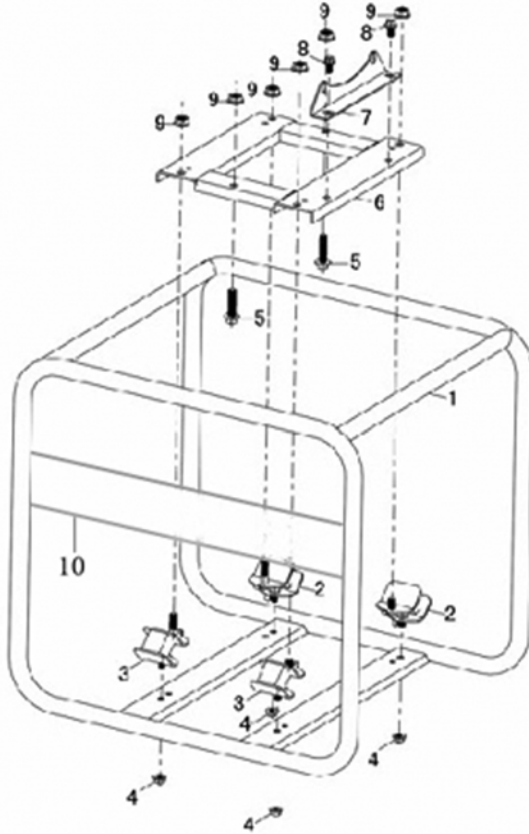
FIG 11 - PUMP



NUMBER	DESCRIPTION	PART NUMBER
1	PUMP COMPLETE	ZG6601800070003
2	NUT	ZG3803400100004
3	FLAT WASHER	ZG3804500060005
4	PUMP COVER	ZG6601900050002
5	O-RING	ZG3808405380001
6	MACHANICAL SEAL	ZG6603500070001
7	WASHER	ZG3804508720001
8	CENTRE BOSS	ZG6608100010001
9	FLANGE BOLT	ZG3801400710002
10	KEY	ZG3806200600001
11	IMPELLER	ZG6602000090001
12	O-RING	ZG3808405310001
13	VOLUTE CASING	ZG6602100050001
14	IMPELLER	ZG6602000080001
15	FLAT WASHER	ZG3804505150001
16	SPRING WASHER	ZG3804600020006
17	BOLT	ZG3800700700001
18	IMPELLER COVER	ZG6613400020001
19	GASKET	ZG3808405390001
20	PUMP HOUSING	ZG6602200050001
21	CHECK VALVE	ZG6603200070001

22	ENDURE PRESS FLANGE	ZG6602300050001
23	GASKET	ZG3808405320001
24	PLUG	ZG6602400050001
25	BOLT	ZG3800701000004
26	FLAT WASHER	ZG3804500030006
27	BOLT	ZG3800700450005
28	OUTPUT SEAL	ZG6602600050001
29	OUTPUT FLANGE	ZG6602500050001
30	SEALING RING	ZG3808404930001
31	STEPPED ADAPTOR	ZG6602800060001
32	ADAPTOR	ZG6602700080001
33	HOSE CLIP	ZG380960086T812
34	STRAINER CAP	ZG6602900060001
35	STRAINER	ZG6603000060001

FIG 12 - FRAME



NUMBER	DESCRIPTION	PART NUMBER
1	FRAME COMPLETE	ZG3007204230001
2	RIGHT BOTTOM RUBBER,L=15	ZG3007900060001
3	RIGHT BOTTOM RUBBER	ZG3007900020001
4	FLANGE NUT	ZG3803700070004
5	FLANGE BOLT	ZG3801401260004
6	RUBBER SETTING	ZG3008000350001
7	BRACKET	ZG3462800050001
8	FLANGE BOLT	ZG3801400400005
9	FLANGE NUT	ZG3803700770001
10	PROTECTIVE DIAPHRAGM	ZG3803700120003

DECLARATION OF CONFORMITY



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This is an important document and should be retained.

Product Description: 2inch Water Pump (Diesel Powered)

Model number(s): DW50

Serial / batch Number: N/A

Date of Issue: 18/07/2017

(Noise Conformity)

Notified Body: Ente Certificazione Macchine Srl

Via Ca' Bella, 243

Loc. Castello di Serravalle

40053 Valsamoggia (BO)

Italy

Technical Documentation Holder: A.R. Pond

Clarke International

2a Shrubland Road

London E10 7RB

UK

Conformity Assessment Procedure: to 2000/14/EC Annex V

Manufacturer: Clarke International

Noise Related Value: 4.0 kW

Measured Sound Power Level: 104 dB

Guaranteed Sound Power Level: 107 dB

DECLARATION OF CONFORMITY



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DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following directive(s):

2006/42/EC *Machinery Directive.*

2000/14/EC *Noise Emissions Directive, (amended by 2005/88/EC).*

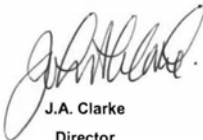
The following standards have been applied to the product(s):

EN 809:1998+A1:2009+AC:2010, EN ISO 12100:2010.

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2017

Signed:



J.A. Clarke
Director

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