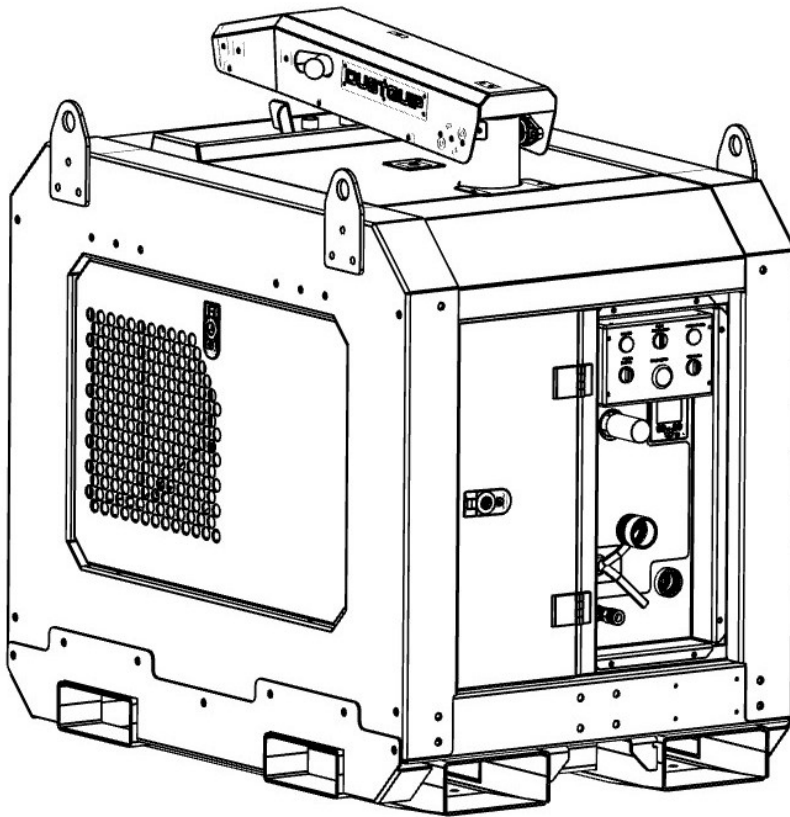




JM40-D PRO PARTS MANUAL

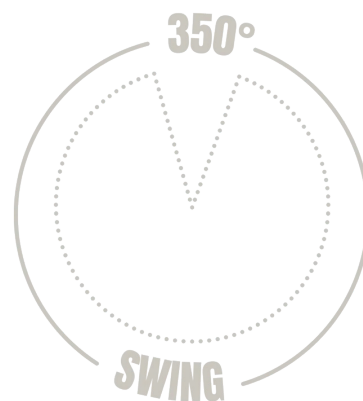


JetMister **JM40 PRO-D**
Dust Suppression Machines

04/25V2

JM40 & JM70

The JM40 and JM70 (JM35 bigger brother) will Jet Mist up to 70 litres a minute and will throw from 20 - 55m of mist with the correct wind direction. It is powered by a Kubota water-cooled diesel engine, providing perfect dust suppression all day and night. The jetting mast tilts from 0-60° to give you high-reach access and oscillates 350° with auto oscillation of 45° or 90°.



Jet nozzle

Dual mode high performance nozzle for jet misting or fogging.

Tilting mast

Heavy-duty mast with 0-60° vertical tilt and 340° horizontal positioning. Flat storage position for safe transporting.

Easy controls

Simple control operation to start/stop pump and move jet automatically from left to right. Emergency stop and warning signals.

Manoeuvrability

Lifting eyes and four way fork skid frame will position your JetMister into difficult locations.



Diesel power

Kubota water-cooled (HVO) diesel engine with electric start and dry run protection.

Or Electric power

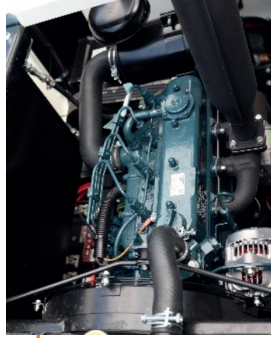
3 Phase Electric Motor powered from a sustainable source can be your environmental option.

Easy Remote

Control JetMisters from 100m away.



Quick scan
Operation video



Water Cooled Diesel Engine. EPA/CARB Tier IV level EU Stage V

- Low noise
- Cleaner emissions
- Excellent fuel economy
- HVO compatible
- Simple to operate
- Water Cooled Diesel Engine. EPA/CARB Tier IV level EU Stage V



JetMister for the industry

- Demolition sites
- Steel scrap recycling
- Waste Transfer stations
- Mining and Quarrying

PRODUCT SPECIFICATIONS

	JM40-D	JM40-D-PRO	JM70-D
Engine / Motor	Kabota Z482 Water Cooled		Kabota D903-TE4 Water Cooled
Fuel Type	Diesel (HVO)		
Fuel Tank Size - Ltr (USG)	30 (8)	30 (8)	32 (8.5)
Fuel Consumption Ltr/Hr (USG/Hr)	1.6 Ltr (0.42G) / Hr	1.6 Ltr (0.42G) / Hr	1.8 Ltr (0.47G) / Hr
Emissions Standard	Stage V		
Power - Kw (HP)	9.9 (13)	9.9 (13)	18.5 (24)
Pressure - Bar (PSI)	60 (870)		
Flow Rate - LPM (USGPM)	40 (10)		70 (18.5)
Number of Nozzles	1 with Jet and Fan adjustment		
Ave Mist water Droplet Size	200-250 µm		
Dimensions (LxWxH) - mm (inch)	1200x800x1250 48"x32"x50"		1500x1000x1340 59"x39.5"x53"
Weight - Kg (Lbs)	435kg / 960lbs	610 (1344)	685 (1510)
Mist Distance (With Breeze) - M (Ft)	20-40m / 65 - 130 ft	20-40m / 65 - 130 ft	35-55m / 115 - 180 ft
Horizontal Oscillation	350° with 45° & 90° auto oscillate		
Vertical Tilt	0° - 60°		
Generator Power Required - Kva	N/A		
Standard Mist Hose Length - M (Ft)	60m (195 Ft) at 1m (3Ft) Nozzle space		N/A
	120m (290 Ft) @ 2m (6Ft) Nozzle space		N/A
Max Water Feed Pressure - Bar (PSI)	3 (43)		
Warranty Period	Standard 12 Months Optional 3-year extended		
Crane Lift Facility	Yes		
Fork Lift Facility	Yes		
Water Quality	Drinking Water Quality		



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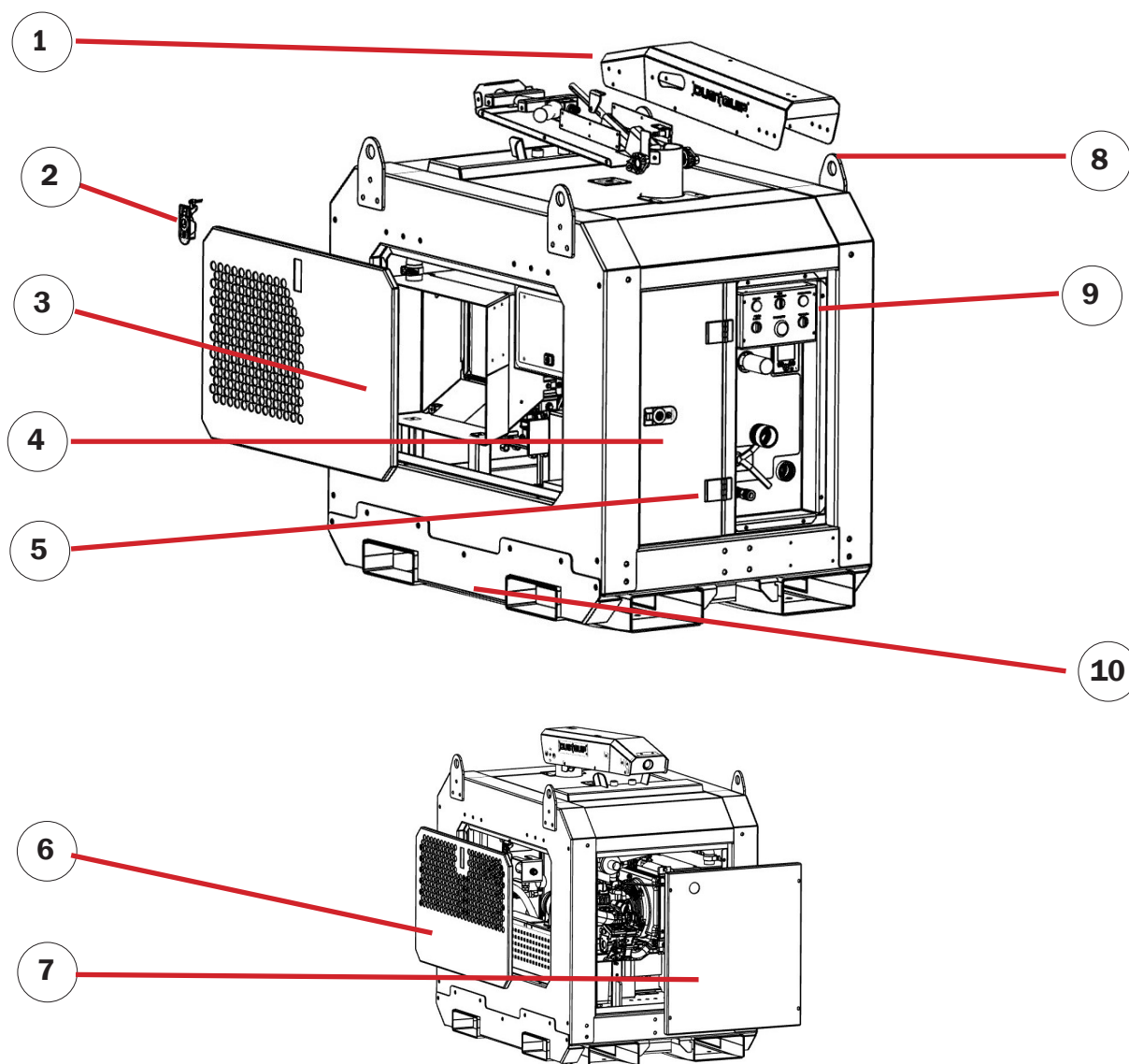
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info@dustquip.co.uk

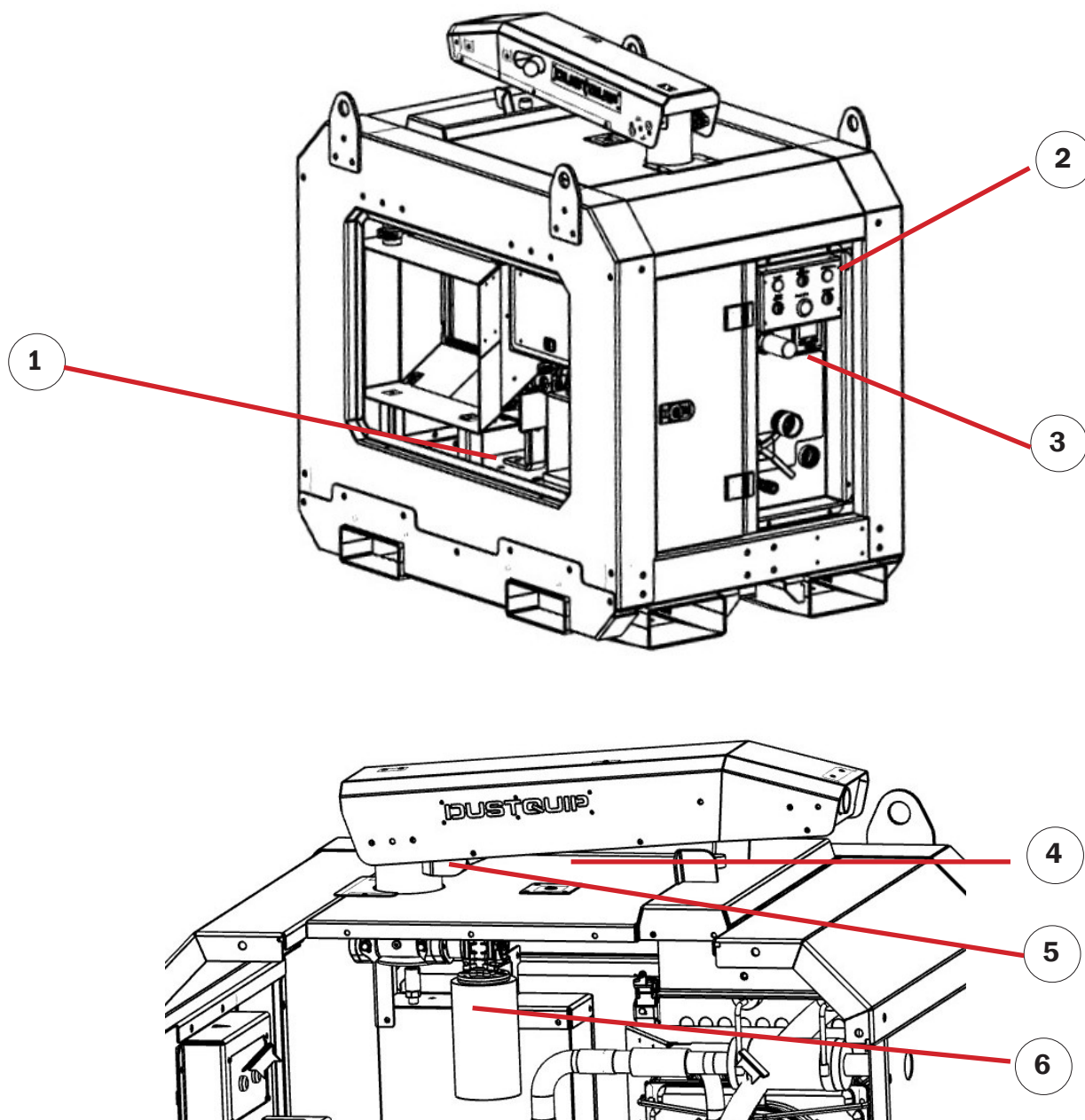
Terracore Group Ltd, Quercus Court, Armstrong way, Yate, Bristol BS37 5NG

OUTER CABINET PARTS



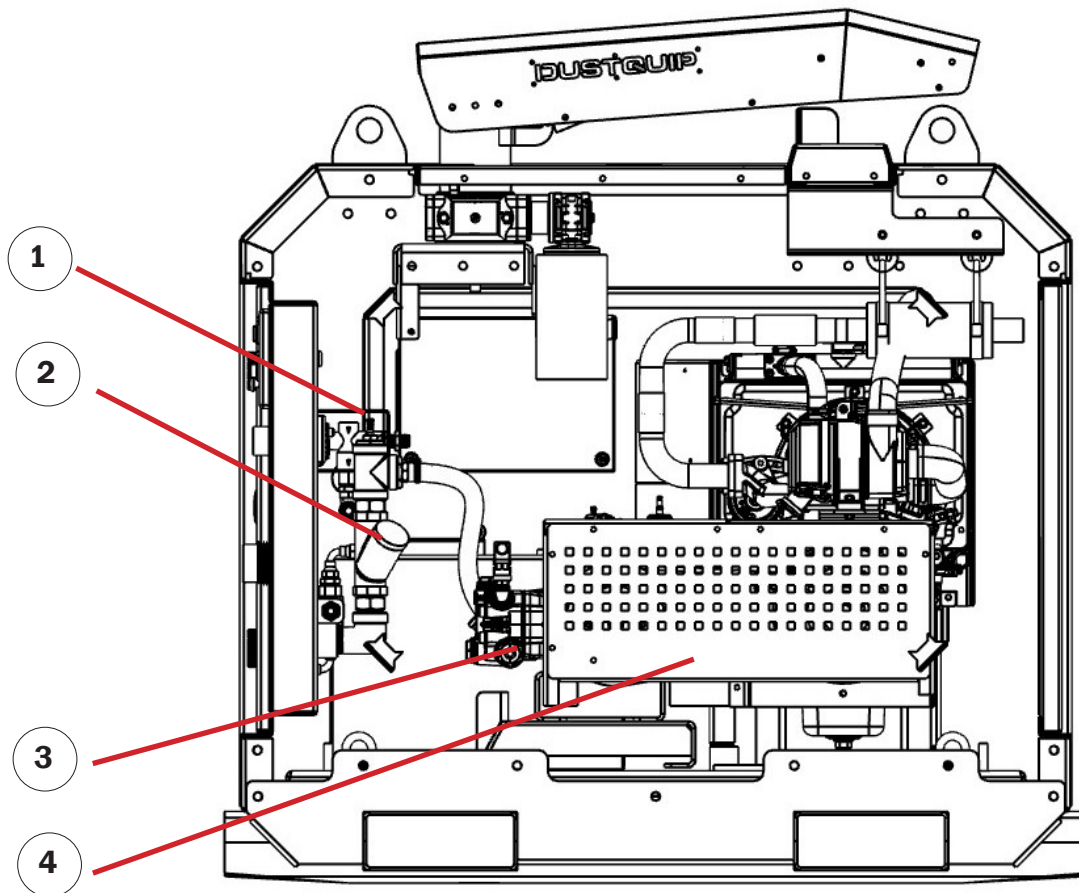
Number	Description	Part Number	Qty
1	Mast Channel	JM-70-31.03	1
2	Lever Latch	IM092	3
3	Side Access Cover (LH)	JM-70-13	1
4	Rear Access Panel (Door)	JM-70-27	1
5	Hinge Assembly	IM052	2
6	Side Access Panel (RH)	JM-70-13.03	1
7	Front Cover	JM-70-14.04	4
8	Lifting Eye	SKB-18	1
9	Control Panel	EA029	1

ELECTRICAL



Number	Description	Part Number	Qty
1	12v Battery	EC103	1
2	Control Panel	EA029	1
3	Digital Control	EC094	1
4	Mast Sensor	EC019	1
5	Stroke Actuator	EC075	1
6	Slew Motor/Gearbox Assbly	BR034	1
	Wiring Loom	EA039	1

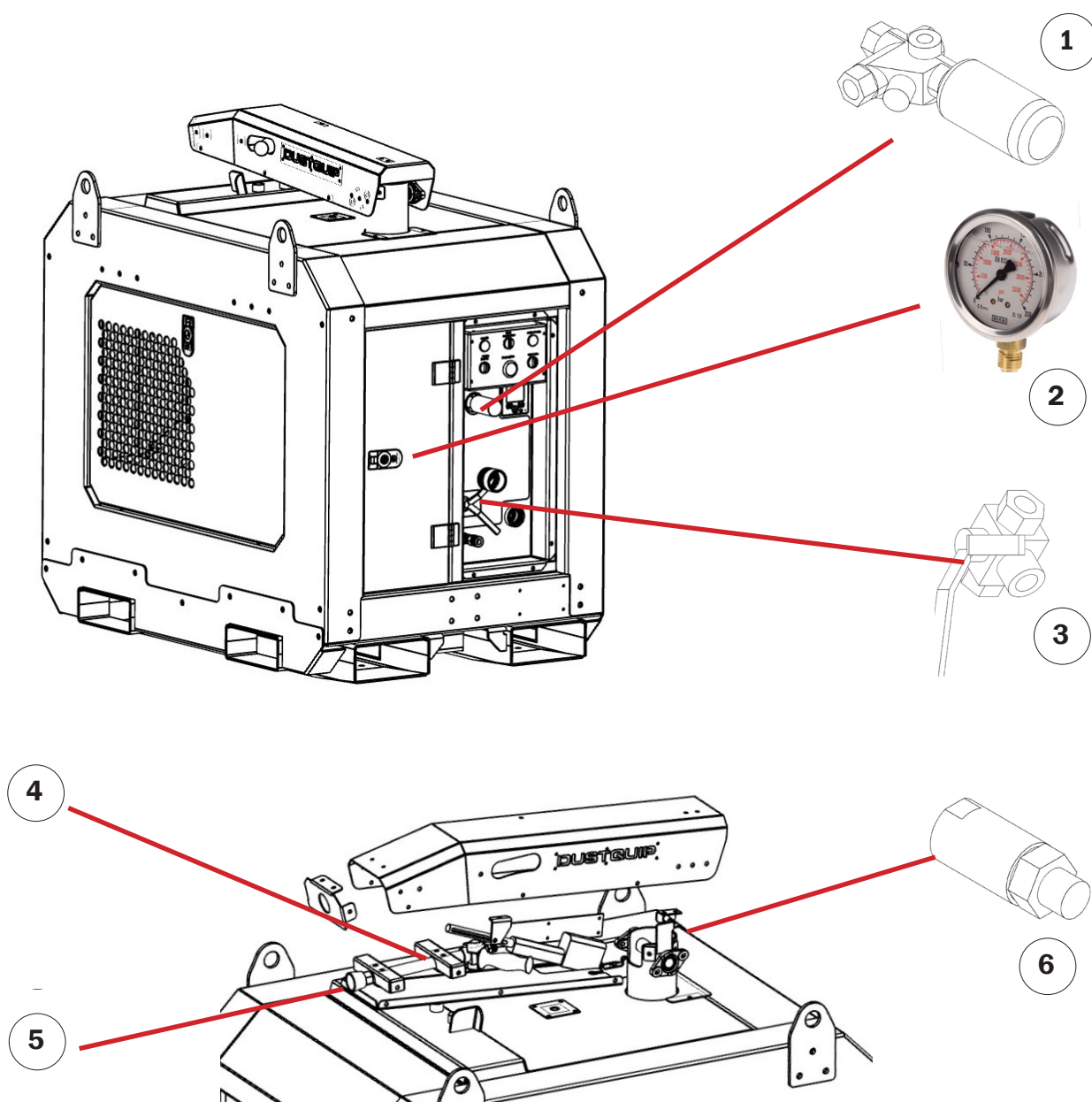
INLET & PUMP



(Side removed for illustration purposes)

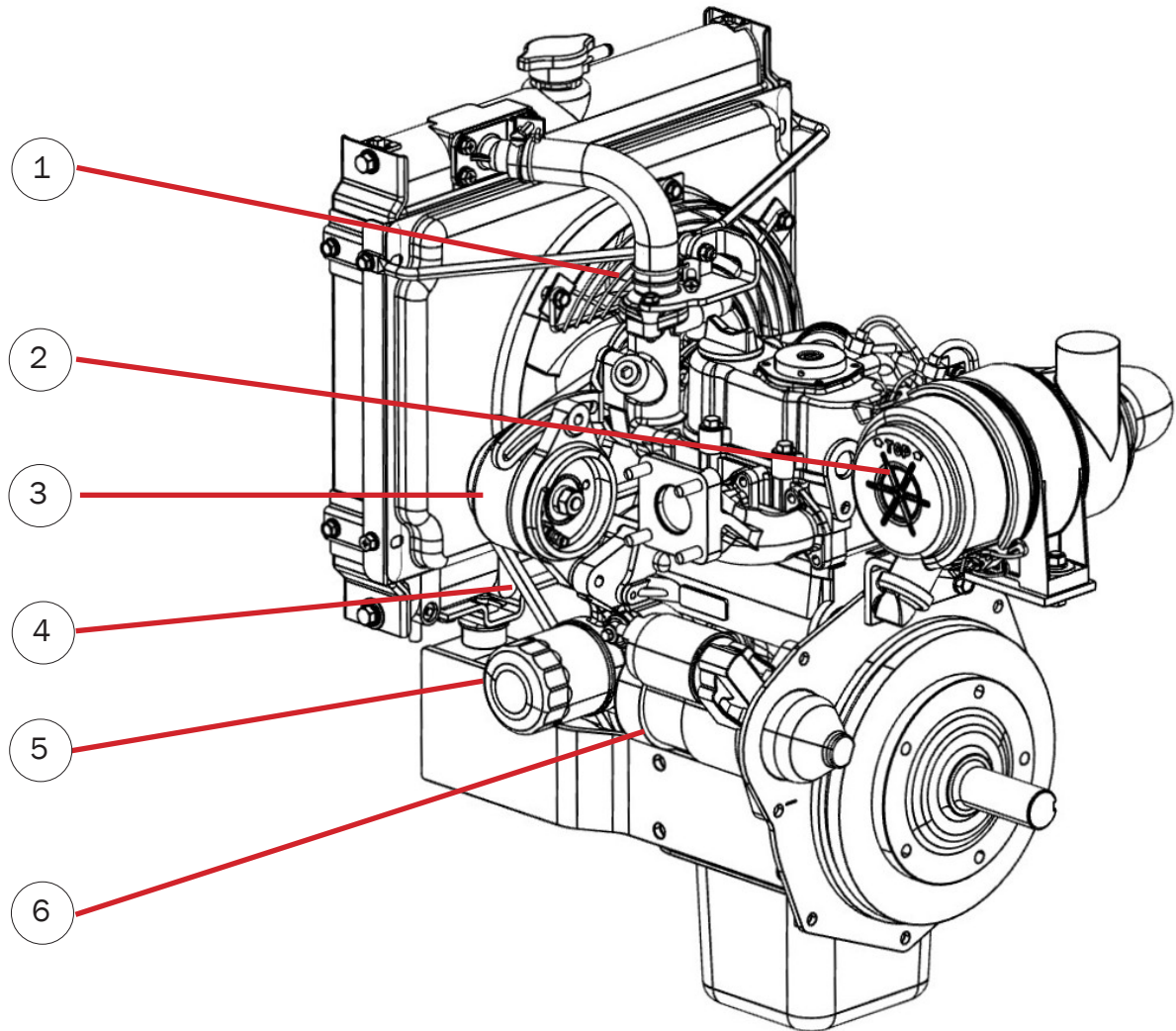
Number	Description	Part Number	Qty
1	Water Detector Switch	HF-PRS-1.4M-15BAR	1
2	Inline 'Y' Strainer	PW-YSTRAINER-1.1/4"-BRASS	1
3	UDOR Replacement Pump	PU016	1
4	Engine/Pump Assembly Complete	PUA-38-170-D-BD	1
5	Fuel Level Sender	EC100	1

PRESSURE & CONTROL



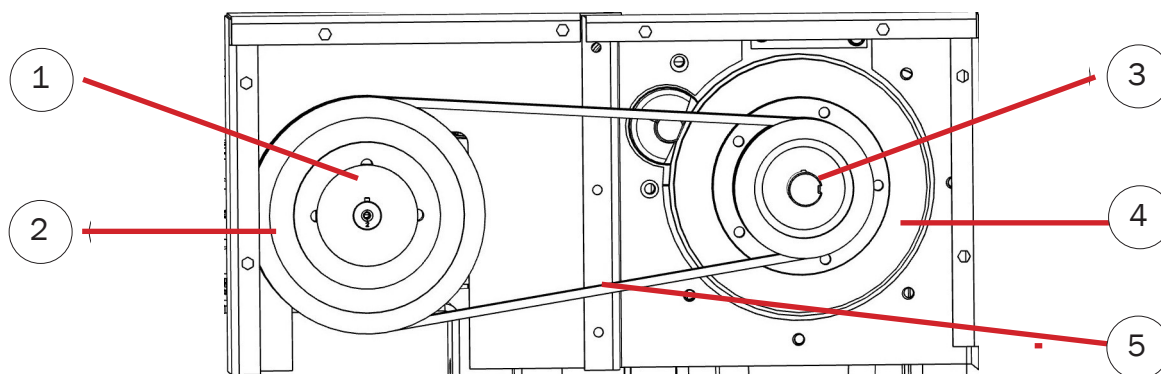
Number	Description	Part Number	Qty
1	Unloader Valve	HF-UNLOADER-VB85	1
2	Pressure Gauge 0-250 Bar	HF-HAUGE-250BAR	1
3	Selector Valve Assbly	HF-VALVE-1/2" F-3WAY	1
4	Lance Assembly	PW-Longcast-3.8	1
5	Spray Nozzle 2.5mm	WG-NOZZLE-LONGC-2.5	1
6	Inline Swivel Coupling	HF-SWIVEL-3.8F-3.8M-SS-Inline	1

DIESEL ENGINE



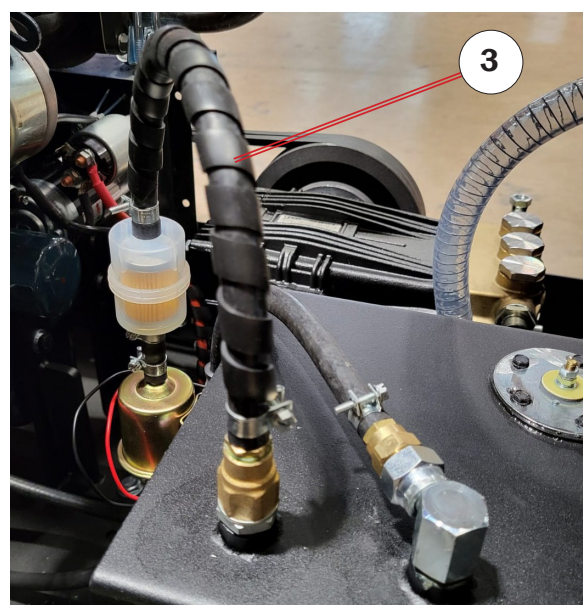
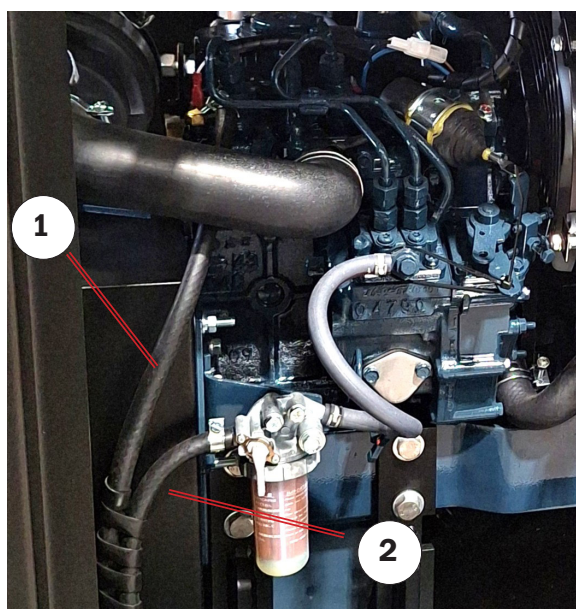
Number	Description	Part Number	Qty
1	Water Pump	1E05173036	1
2	Air Filter Element	ENG.FA14841	1
3	Dynamo Assembly	1753164012	1
4	Dynamo Belt	1588197010	1
5	Oil Filter Cartridge	W21ES01500	1
6	Starter Motor	1685363013	1
	Replacement Engine	ENG004	1

DRIVE BELT ASSEMBLY / FUEL HOSE



Ref	Description	Part Number	Qty
1	Pump Taper Lock Bush	BR053	1
2	Pump Pulley	BR042	1
3	Engine Taper Lock Bush	BR040	1
4	Engine Pulley	BR043	1
5	Drive Belt	BR055	2

FUEL HOSE LINE



Ref	Part No	Length	Location
1	PW-HOSE-8-1430	1430mm	Return to tank
2	PW-HOSE-8-1050	1050mm	Pump to Filter
3	PW-HOSE-8-0350	350mm	Tank to inline Filter

NOTES

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