

Global Century Oil Mix



Spare Parts

Global Century
Oil Mix

WR000619 REV. 1.0





Product Liability

For the supplier's product liability to be valid, no alterations, additions or the like may be made to the equipment without the supplier's express permission. Use only genuine parts



Produktansvar

För att en leverantörs produktansvar skall gälla får ändringar, kompletteringar och liknande ej göras i utrustningen utan leverantörens godkännande. Originalreservdelar skall alltid användas.



Produkthaftung

Damit die Produkthaftung des Lieferanten ihre Gültigkeit behält, dürfen ohne ausdrückliche Genehmigung des Lieferanten keine Änderungen, Ergänzungen o. Ä. an der Ausrüstung vorgenommen werden. Verwenden Sie nur Originalteile.



Ответственность поставщика

Для сохранения ответственности нельзя вводить в оборудование изменения, дополнения и т.п. без разрешения поставщика. Пользуйтесь только оригинальными запасными частями, выпущенным изготовителем бензоколонки.

Caution

To prevent damage that might result in electric shock or fire, disconnect the main power prior to any work.

Varning

Gör pumpen/enheten strömlös innan Du gör ingrepp i den. I annat fall föreligger risk för skada.

Vorsicht

Um Beschädigungen zu vermeiden, die zu einem elektrischen Schlag oder Feuer führen können, unterbrechen Sie vor jeder Arbeit die Stromzufuhr.

Осторожно

Во избежание поражения электрическим током или пожара отключайте напряжение питания перед началом любых работ.

Warning

Never run a leaking pump! Be careful with the environment and mind the skidding risk; take care of leaking fuel immediately.

Varning

Använd aldrig en läckande pump. Tänk på miljön och halkrisken, sanera utläckt drivmedel snarast.

Warnung

Lassen Sie nie eine undichte Zapfsäule laufen! Seien Sie umweltbewusst und denken Sie an die Rutschgefahr; beseitigen Sie austretenden Kraftstoff umgehend.

Предупреждение

Не пользуйтесь колонкой при наличии утечки топлива! Охраняйте окружающую среду, помните об опасности скольжения: в случае утечки топлива на дорожное покрытие возле колонки, примите меры немедленно.



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1 Service and maintenance

1.1 Separation of power supply

Separation is done by removing the main fuse of the pump on the station.



WARNING!

To prevent damage which may result in electric shock or fire, disconnect the main power prior to any work.

CAUTION!

Unauthorised personnel may not execute service and maintenance. This may cause personal injury or property damage.

CAUTION!

Avoid the heat element of the electronics head, risk of skin burn.



WARNING!

Mind the rotating V-belt when the cover of the hydraulic unit is removed!

WARNING!

The driving belt may be replaced only by original belt from Dresser Wayne, otherwise there is a risk of explosion.

WARNING!

Use your protective equipment. (Protective mask, gloves etc.)

1.2 Electrostatic discharge (ESD)

Before service/maintenance of a pump discharging must be done. This is done when you open the covers of the pump with a key.

If an extensive repair work is to be done, discharge should be done regularly by touching the key.



WARNING!

The key must have direct contact with the skin.

NOTE!

Avoid direct contact with electronic parts of the pump.

2 What does the denomination of the pump indicate

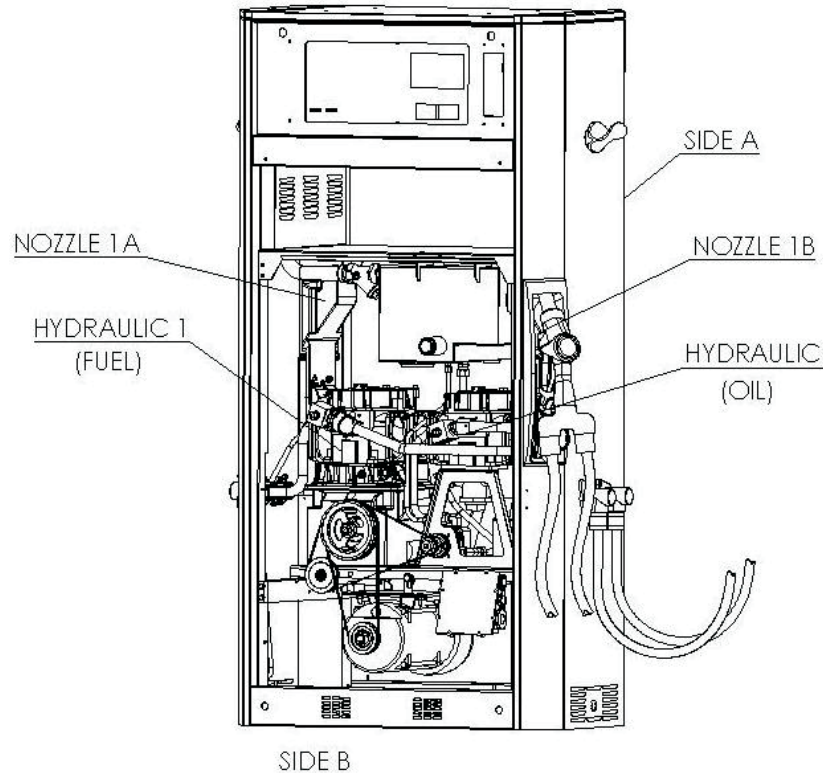


Figure 1 – Model 3/G2207PO

3/G220XYO

- Oil Mix
- P = Pump (hydraulic pressure pump)
D = Dispenser (remote hydraulic pump)
- 1 = Simple, oriented to the island
7 = Twin, oriented to the lane (10G/40L)

2.1 Serial number



SERIAL NUMBER

Wayne		INDÚSTRIA BRASILEIRA	
MODELO	SÉRIE	DATA	
VAZÃO	Max. l/min	PRESSÃO	Max. 0,29 Mpa
	Min. 5 l/min		Min. 0,05 Mpa
PORT. APR. MOD. INMETRO Nº		DE	DE
DRESSER INDÚSTRIA E COMÉRCIO LTDA DIVISÃO WAYNE			
Estrada do Timbó, 126-Bonsucesso - Rio de Janeiro			
Insc. 81.799.202 RIO DE JANEIRO - C.G.C 42.120.394.0006-76			

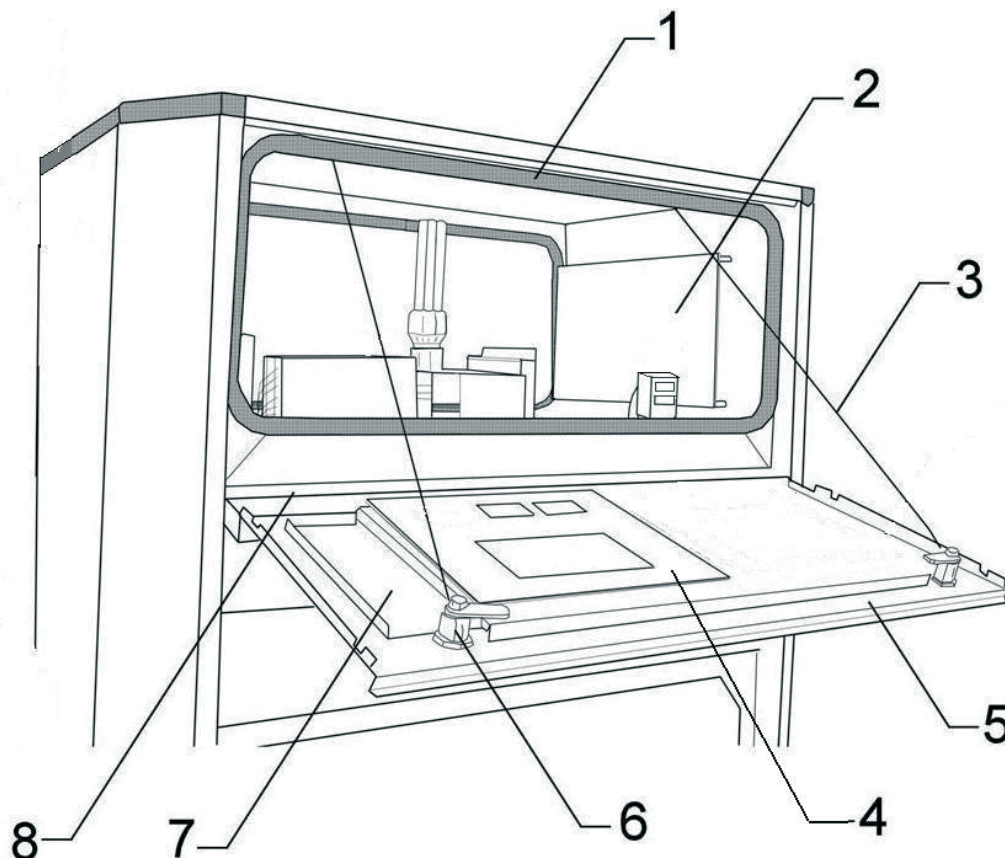
Figure 2 Marking sign

3 Contents

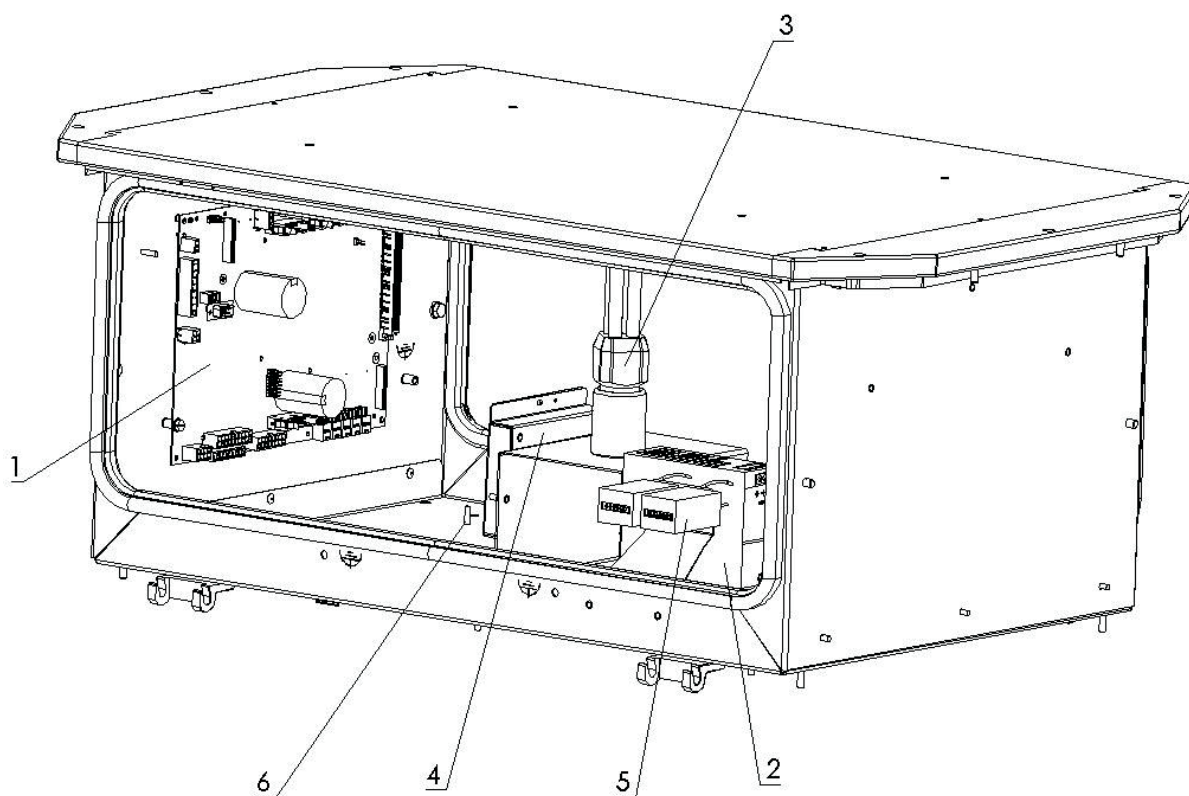
Spare Parts hydraulic unit.....see document WM011952

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4 Electronic Head

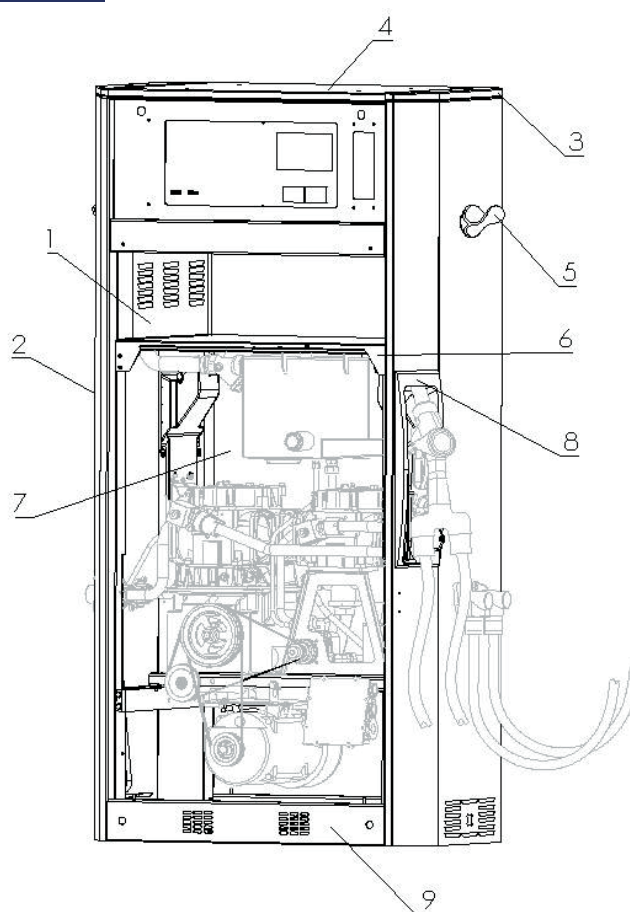


	Part number	Description
1	WR1000001	Edge protector
2	WM1908-0001	CPU board (See also page 9)
3	WR000304	Cable, l=545mm
4	WM10888-0001	Display board double row
5		Front panel
	WM014176-0004	Function keyboard left (3/G2201PO/DO – 3/G2207PO/DO)
	WM014176-0003	Function keyboard right (3/G2201PO/DO)
	WR000307	Glass (aprox. 443x260)
	WR000306	Gasket (aprox. 426x195)
6		Lock
	BWM001994-0002	Std
	WM014075	Latch bezel
7	WR000292	Support, box-shape, display, functional keyboard
	WR549	Support, box-shape, functional keyboard, Side A
	WR551	Support, box-shape, functional keyboard, Side B
	1-305374	Gasket (aprox. 190x74)
	BA9888	Key pad, 5 buttons
8	WM005715-0001	Cable twisted tinned copper strands
	1-305399	Hinge, male
	1-305398	Hinge, female



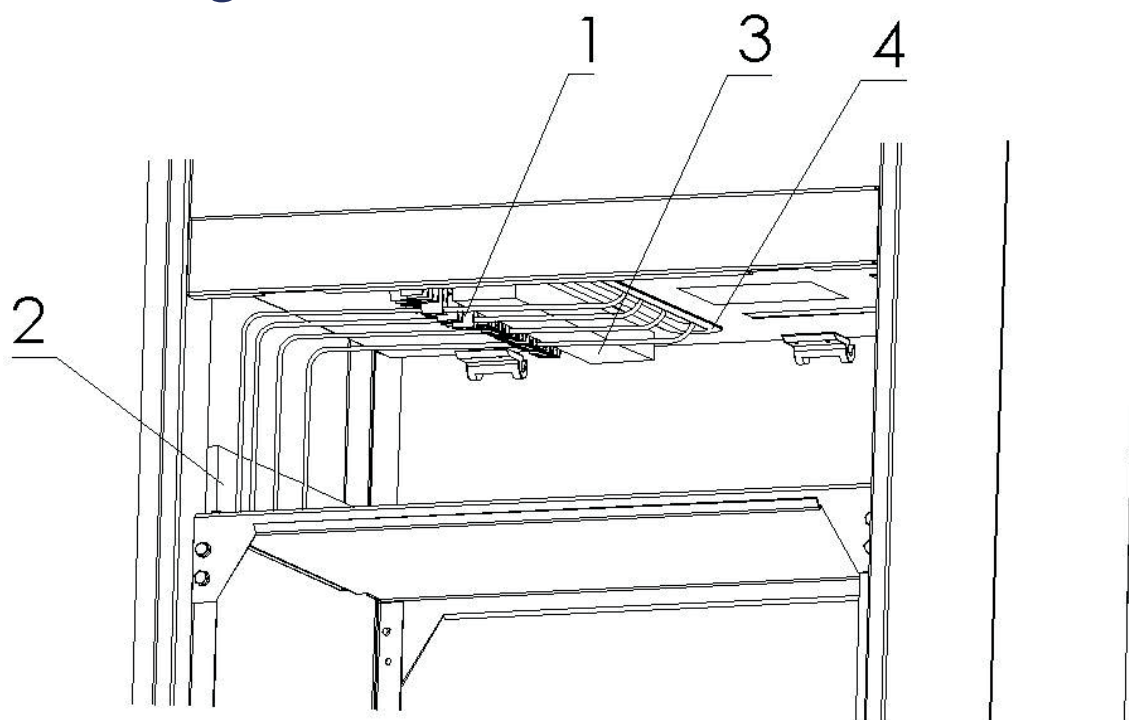
	Part number	Description
1	WM1908-0001	CPU Board
2	WM009807	Power supply 60W
3	1-921514	Lamp
	2-921515	Lamp holder
4	WM002450	Intrinsic safe barrier (ISB)
5	1-306153	Electromechanical totalizers
6	3-305146	Terminal rail

5 Framework

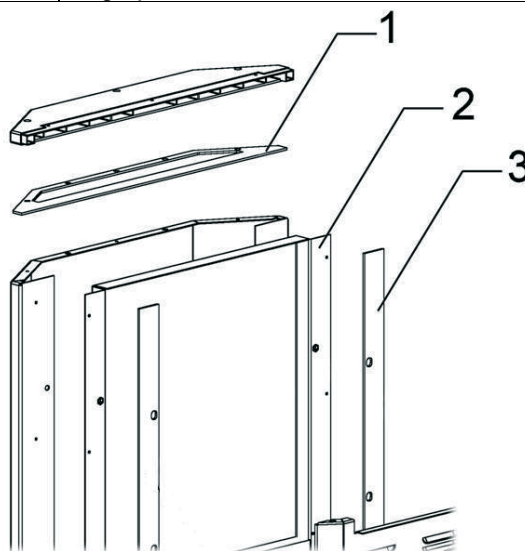


	Part number	Description
1	WM014025	Side panel (see also page 11)
2		Column
	WR5530002	Blinded (3/G2201PO/DO)
	WR5530001	Island (3/G2201PO/DO)
	WR5340001	Lane, with oil filling (3/G2207PO/DO)
	WR5340002	Lane (3/G2207PO/DO)
3	WR000097-0001	Cover plate
4	WR000248-0002	Top panel
	BA9806	Chassis electronic head (3/G2201PO/DO)
	BB1019	Chassis electronic head (3/G2207PO/DO)
5	1305027	Hose support
6	WM014005	Top panel, hydraulics, grey (RAL 7047)
7		Door
	BA9801	Front panel, Side A (hydraulic door)
	BA9835	Front panel, Side B (hydraulic door)
8		Nozzle boot
	1-306362	Auto on
	3-306362	Lift-to-start
9		Base, hydraulics
	WM14001	Base, hydraulics (3/G2200PO)
	WR511	Base, hydraulics, Side A (3/G2200DO)
	WR513	Base, hydraulics, Side B (3/G2200DO)

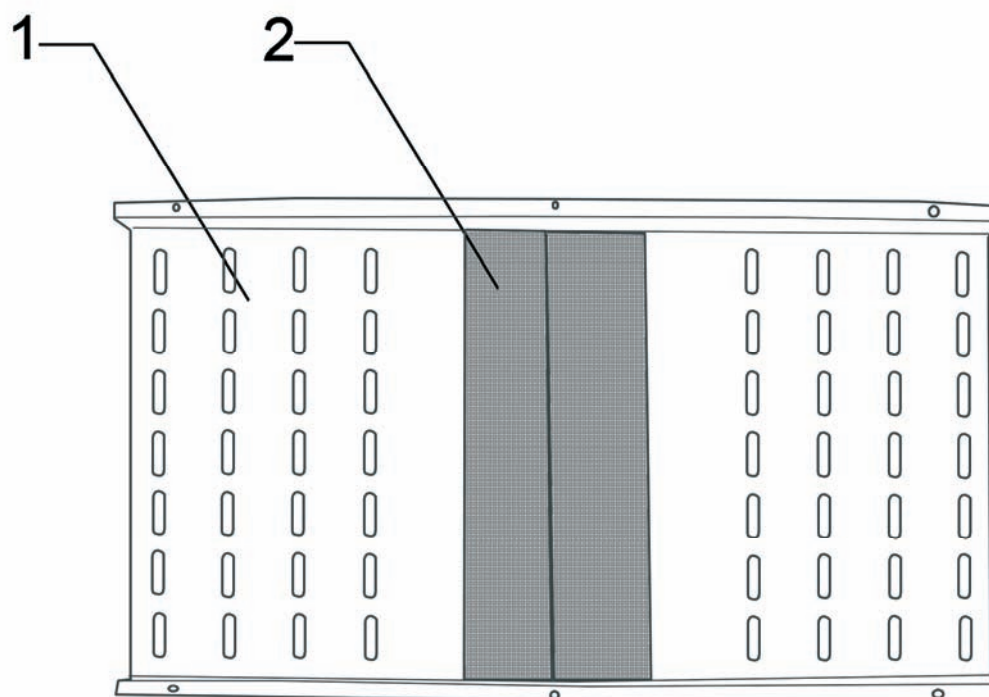
6 Sealing Barrier



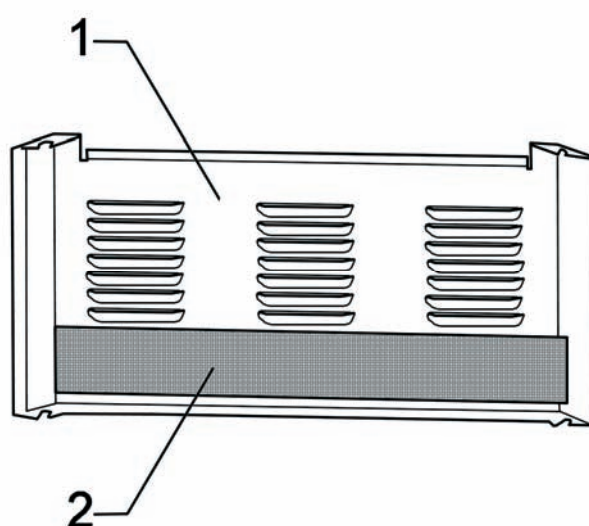
	Part number	Description
1	WR312	Cable hanger
2	WR000098-0003	Gasket L=374 mm
3	WR000098-0001	Gasket L=314 mm
4	WR169-0001	Edge protector



	Part number	Description
1	WM016331	Gasket
2	WM014014	Vapour barrier support
3	WM014880	Gasket

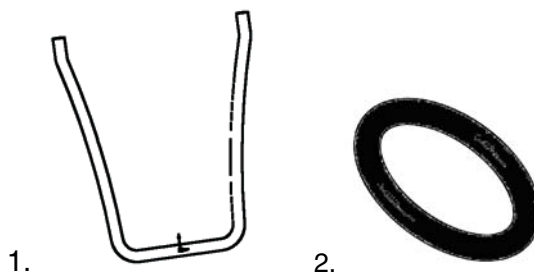


	Part number	Description
1	WM14006	Cover plate vapour barrier
2	WR000098-0001	Gasket L=314 mm



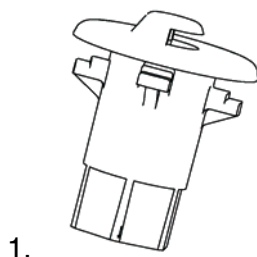
	Part number	Description
1	WM14025	Side panel
2	WR000098-0004	Gasket L=411 mm

7 Tubes



	Part number	Description
1	3-301748	Lock pin for tube fitting
2	1-921130	O-ring – t = 5.33 mm, ØI = 21.59 (for “double bump” tube connection)

7.1 Air venting



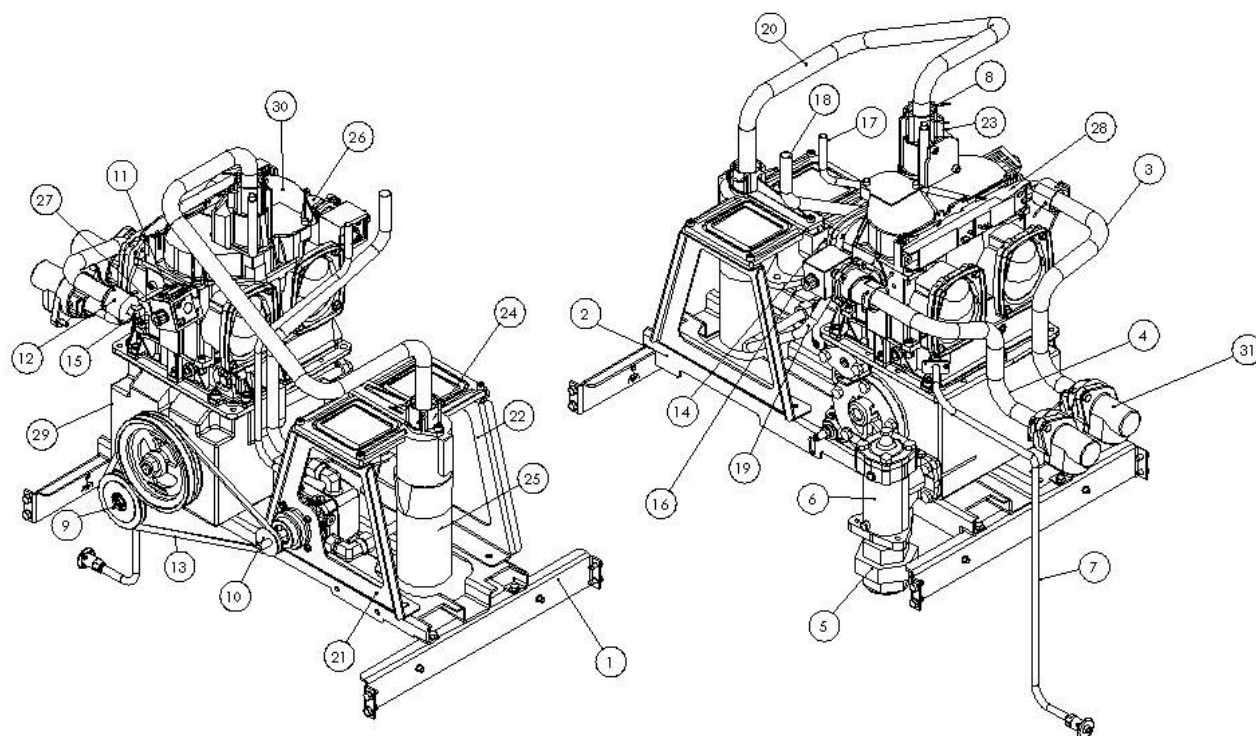
	Part number	Description
1	WR383	Plug for air venting
2	154288	Strainer for air venting

7.2 Hoses

	Part number	Description
	160200434005B	ID = 16 mm, L = 4.9 m, black
	160200434005G	ID = 16 mm, L = 4.9 m, green
	160200434005Y	ID = 16 mm, L = 4.9 m, yellow

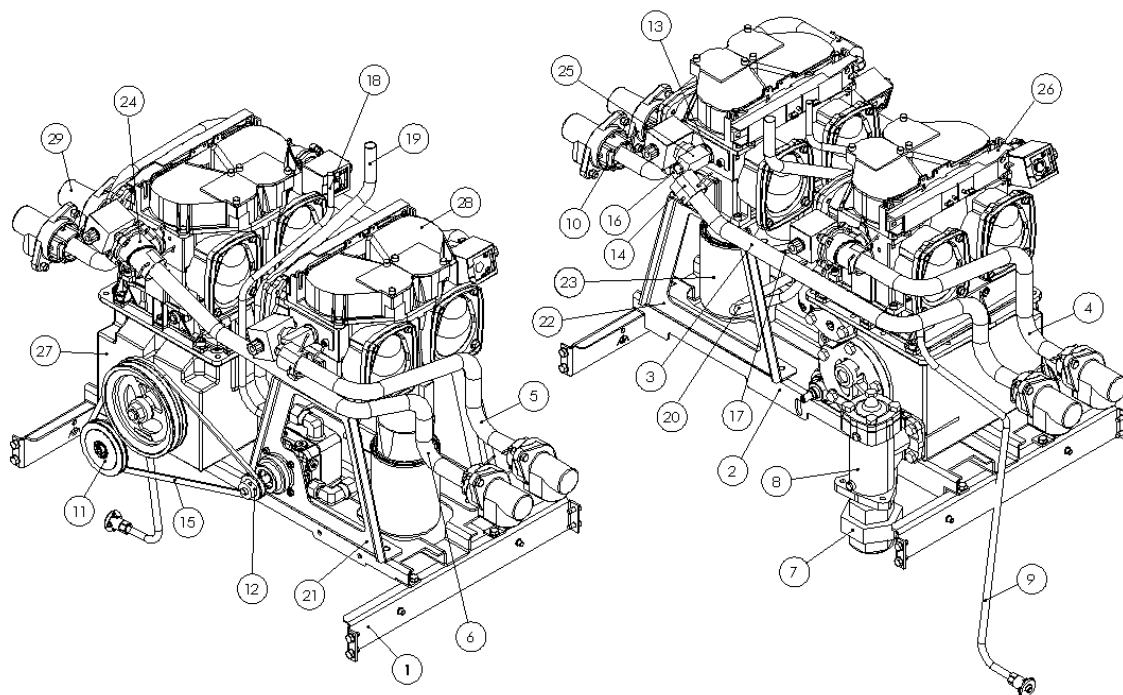
8 Hydraulic Modules

8.1 3/G2201PO



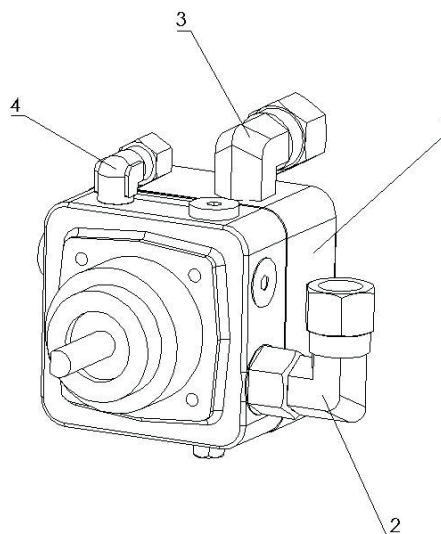
	Part number	Description
1	WM14039	Platform support
2	WR536	Platform
3	WR541	Oil discharge tube
4	WR543	Fuel discharge tube
5	512101	Union
6	B201829	Filter
	B6050	Filter element
7	BA9911	Vent tube
8	3-301748	Lockpin
9	BA9698	Stretcher
10	WM16934	Oil pump pulley
11	BA9500	Solenoid valve adapter
12	BA9501	Discharge tube adapter
13	BA9744	Oil pump belt
14	BA9861	Male elbow
15	BA9686	Male elbow
16	BA9688	Plug
17	BA9791	Oil pump return tube
18	WR537	Suction tube
19	WR538	Pressure tube
20	WR539	Inter-meters tube
21	BA9786	Oil pump support
22	BA9505	iMeter support
23	B1305466	Check valve assy/iMeter inlet
24	1-305012	Pump connection
25	BA8878	Spin filter
26	232189	Solenoid valve
27	BA9749	Oil solenoid valve
28	WM1682-0001	Pulser
29	1-306178	Compact pump unit
30	B6048015	iMeter
31	WR3410001	Discharge outlet

8.2 3/G2207PO



	Part number	Description
1	WM14039	Platform support
2	WR536	Platform
3	WR530	Oil discharge tube, side A
4	WR526	Fuel discharge tube, side A
5	WR532	Oil discharge tube, side B
6	WR528	Fuel discharge tube, side B
7	512101	Union
8	B201829	Filter
	B6050	Filter element
9	BA9911	Vent tube
10	3-301748	Lockpin
11	BA9698	Stretcher
12	WM16934	Oil pump pulley
13	BA9500	Solenoid valve adapter
14	BA9501	Discharge tube adapter
15	BA9744	Oil pump belt (pump models)
	BB1047	Oil pump belt (remote models)
16	BA9686	Male elbow
17	BA9688	Plug
18	WR537	Oil pump return tube
19	WR538	Suction tube
20	WR539	Pressure tube
21	BA9786	Oil pump support
22	BA9505	iMeter support
23	BA8878	Spin filter
24	232189	Solenoid valve
25	BA9749	Oil solenoid valve
26	WM1682-0001	Pulser
27	1-306178	Compact pump unit
28	B6048015	iMeter
29	WR3410001	Discharge outlet

8.3 Oil Pump



	Part number	Description
1	WM16553	Oil pump
2	BA9682	Male elbow, pressure tube
3	BA9681	Male elbow, suction tube
4	BA9680	Male elbow, return tube

9 Nozzle

9.1 Cover



	Part number	Description
		Nozzle cover without VR
	BA85745	Black
	BA85744	Blue
	BA8574	Green
	BA85743	Red
	BA85742	Yellow

9.2 Nozzle



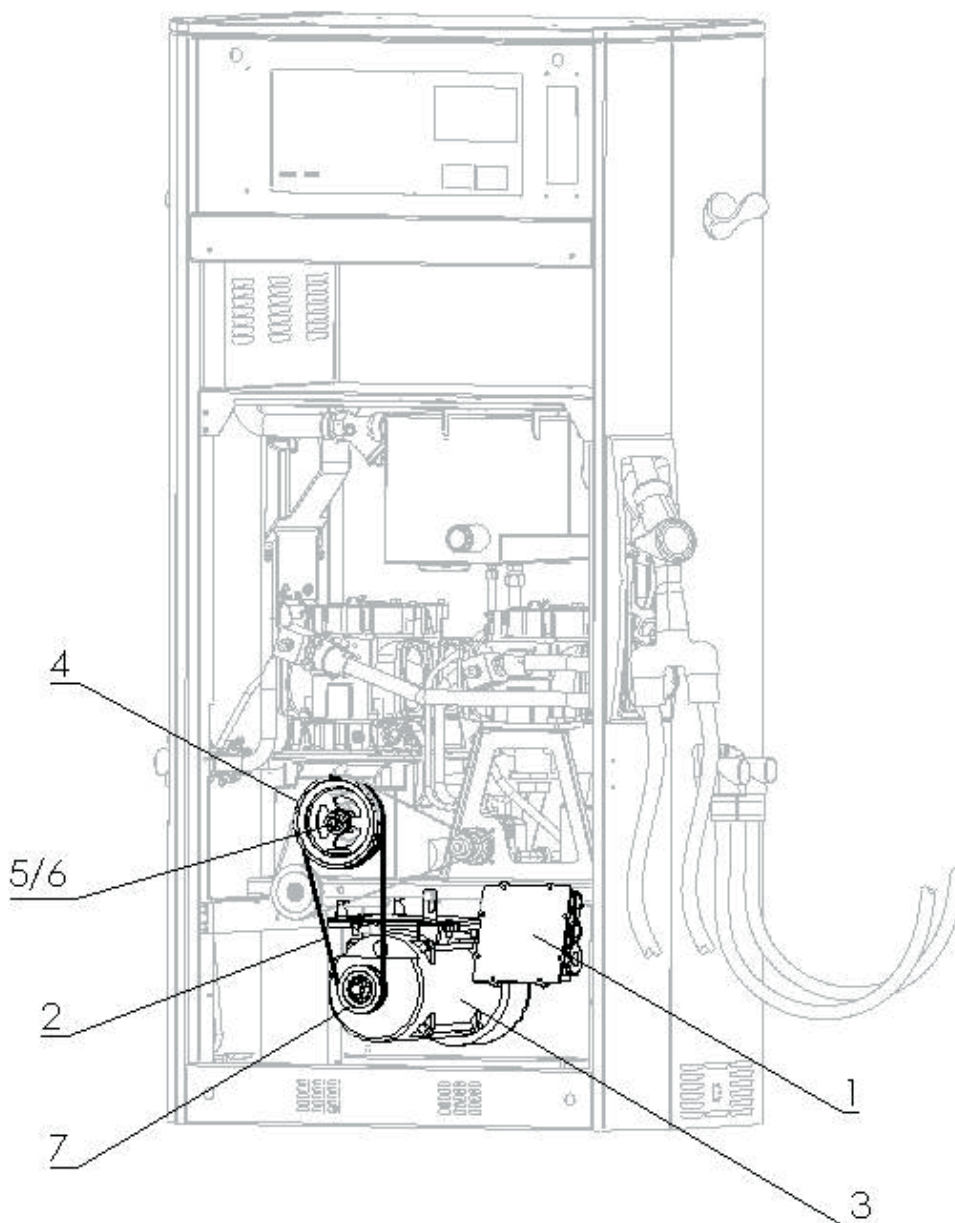
Nozzle



Blender adapter

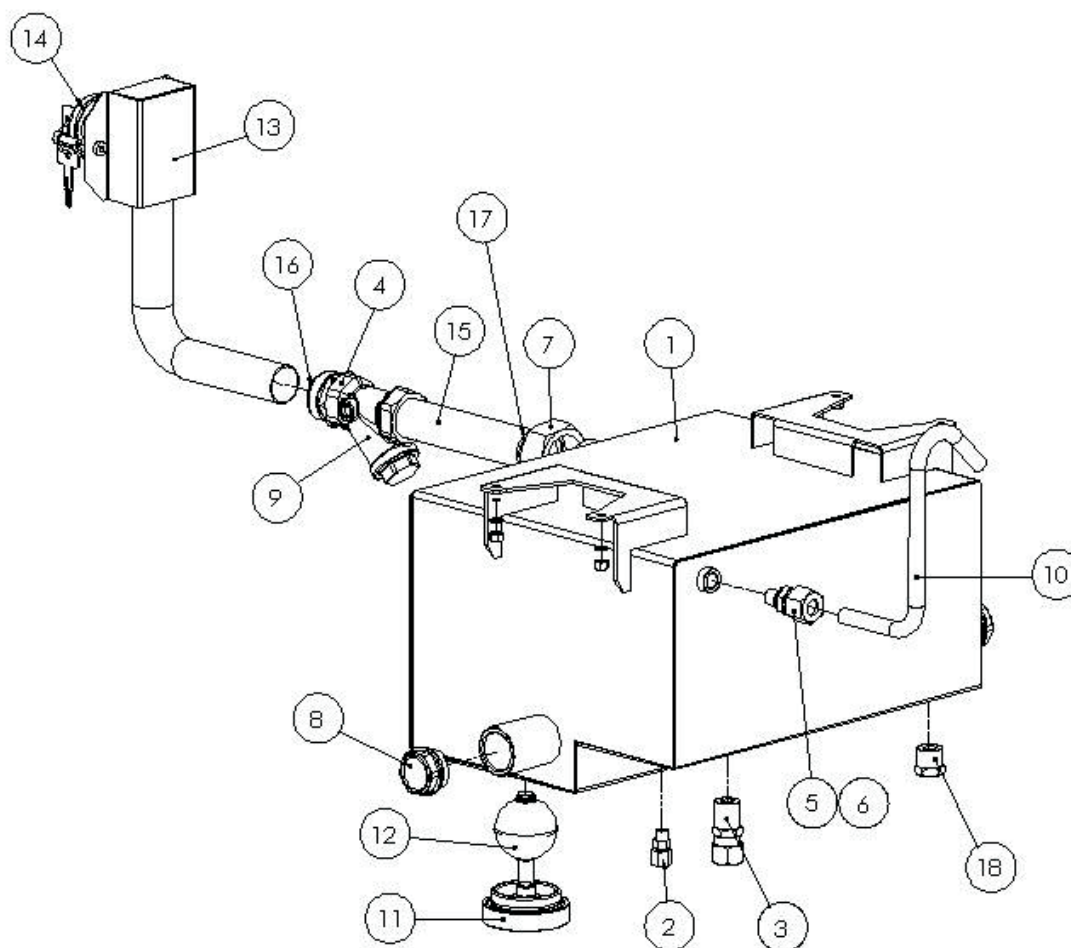
	Part number	Description
1		With cover, without VR
	940200435000	19 mm, spout ID = 16 mm / OD = 21 mm, black
	940200435002	19 mm, spout ID = 16 mm / OD = 21 mm, blue
	940200435004	19 mm, spout ID = 16 mm / OD = 21 mm, green
	940200435001	19 mm, spout ID = 16 mm / OD = 21 mm, red
	940200435005	19 mm, spout ID = 16 mm / OD = 21 mm, yellow
1		Without cover
	940200435	ZVA, 19 mm, spout ID = 21 mm / OD = 25 mm
2		Blender adapter
	1-306414	Fuel/oil blender adapter

10 Motor and Junction Box



	Part number	Description
1		Junction box
	12-306737	Pump, current loop
	11-306737	Remote, current loop
	9-306737	Pump, DART RS485
	10-306737	Remote, DART RS485
2	6-921223	V-belt, Z-profile SPZ 800
3	7-306507	Motor, 3-phase, 1,1 kW, 380V, 50/60 Hz
4	WM16919-0002	Double channel pulley
5	115550	Key, Woodruff
6	511670	Hex nut
7	2-305111	Motor pulley

11 Oil Tank Module



	Part number	Description
1	WR588	Oil tank
2	BA9684	Male union, return
3	BA9685	Male union, suction
4	BA9691	Male union, filter
5	BA9693	Male union, venting
6	BA9694	Gasket
7	BA9692	Hex nut
8	BA9689	Level sight
9	BA9690	Y filter
10	WR593	Venting tube'
11	WT1410	Flange for oil level switch
12	WT2592	Level switch
13	WR593	Oil tank filling
14	WR580	Cap, oil tank
15	WR589	Inlet tube
16	B916231	O-ring
17	BA9834	O-ring
18	BA9945	Cap

12 Cables List

For Wiring Diagram, see User's Manual WR.....

Item Number	Title
WM007767-0002	Cable single wire 1 x 0.75 GN/YE L = 500 (feed cable)
WM003892-0003	Cable single wire 1 x 0.75 BN L = 450 (feed cable)
WM008599-0003	Cable single wire 1 x 0.75 BU L = 450 (feed cable)
WM004098-0002	Cable single wire 1 x 1.5 WH L = 300 (line filter cable)
WM004096-0002	Cable single wire 1 x 1.5 BU L = 300 (line filter cable)
WM003731-0002	Cable multi 1 x 0.75 .75 RD L = 650, 1 x 0.75 BK L = 650 (power supply cable)
WM003861-0002	Cable flat 16 position 1.27 pitch L = 400 (intrinsic safe barrier to CPU)
WM003760-0004	Cable flat 10 position 1.27 pitch L = 1400 (totalizer cable)
WM003752-0002	Cable 4 x 0.34 zone sc Eex i L = 2500 (pulser cable)
WM003872-0002	Motor feed cable
2-305337	Computer feed cable
5-305340	Data cable
2-305339	Illumination feed cable
BA94801	Cable relay terminal to CPU 2G0.5 L = 900
WM008566-0001	Cable power CPU to relay terminal 4G1.5 zone

13 Market & Service

	More than a century of experience Über 100 Jahre Erfahrung Mer än 100 års erfarenhet Более, чем столетний опыт работы	
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Wayne Dresser develops, manufactures and markets complete operative systems for fuel handling at service stations. Everything from development and design to efficient production and assembly of components is pursued under one roof.	Wayne Dresser entwickelt, produziert und vermarktet komplette funktionierende Systeme für die Abgabe von Kraftstoffen an Tankstellen. Von der Entwicklung über das Design bis zur Herstellung und Installation liefern wir alles aus einer Hand.	Wayne Dresser utvecklar, tillverkar och marknadsför kompletta operativa system för drivmedels-hantering på service-stationer. Under ett och samma tak ryms allt från utveckling och konstruktion till rationell tillverkning och sammansättning av komponenter.	Wayne Dresser разрабатывает, производит и продает совершенные оперативные системы для торговли топлива на станциях обслуживания. Все начиная от разработок и конструкции до эффективного производства и сборки компонентов происходит в пределах одного предприятия.
<u>The operations of Wayne Dresser comprise four interacting parts:</u>	<u>Die Niederlassungen von Wayne Dresser umfassen vier ineinander greifende Bereiche:</u>	<u>Verksamheten omfattar fyra samverkande delar:</u>	<u>Действия Wayne Dresser включают четыре взаимосвязанных направления:</u>
- Equipment such as petrol pumps, payment terminals, point-of-sale terminals and service station operative systems. - Software for recording and for internal communication at the station, as well as between the station and the Oil Company, banks and credit institutes. - Project design with overall responsibility to the customer. - Field service, technical support and supply of spare parts.	- Ausrüstungen wie Zapfsäulen, Zahlterminals, Kassenterminals und Tankstellensysteme - Software für Registrierung und Kommunikation auf der Tankstelle u. zwischen Station und Mineralölfirma sowie Banken und Kreditinstituten. - Projektgestaltung mit umfas-sender Verantwortlichkeit dem Kunden gegenüber. - Service, technische Unter-stützung und Lieferung von Ersatzteilen.	- Utrustning som bensinpumpar, betaltermi-naler, butiksterminaler och stationsdatorer. - Programvara för registrering och kommunikation internt på stationen samt mellan stationen och oljebolaget, banker och kreditinstitut. - Projektering med totalansvar gentemot upp-dragsgivaren. - Service på fältet, teknisk support och reserv-delsförsörjning.	- Оборудование, например, топливораздаточные колонки, платежные терминалы, терминалы точек продажи и системы управления АЗС. - Программное обеспечение для регистрации и для внутренней связи на АЗС, а также между АЗС и нефтяной компанией, банками и институтами кредитов. - Проектирование с полной ответственностью к клиенту. - Обслуживание на местах, техническая поддержка и поставка запасных частей.

[illegible]

Wayne Dresser makes it easier for the motorist to fill up and make his motoring purchases, while effectively meeting the needs of the service station owner for operating supervision and for conforming to the demands of the authorities on measuring accuracy, minimising pollution and ensuring safety.

Wayne Dresser erleichtert dem Fahrer die Betankung und damit verbundene Einkäufe, unterstützt gleichzeitig den Stationär bei der übersichtlichen Führung seines Betriebes unter Berücksichtigung der behördlichen Vorschriften hinsichtlich Messgenauigkeit, Umwelt- und Sicherheitsauflagen.

Wayne Dresser gör det lättare för bilisten att tanka och handla. Samtidigt tillgodoses stationsägarens krav på en effektiv driftskontroll och myndighetskraven på måtnoggrannhet, miljövänlighet och driftssäkerhet.

Wayne Dresser упрощает процесс заправки и приобретения покупок при эффективном согласовании потребностей владельца АЗС для оперативного управления и для соблюдения требований государственных и метрологических служб, а также уменьшения загрязнения окружающей среды и обеспечения безопасности.



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