



**Product Liability**

The supplier's product liability is only valid if no alterations, additions etc. have been made to the equipment without the supplier's express permission. Use only genuine parts.

**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.

**Produktansvar**

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

**Ответственность поставщика**

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

Caution

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

Vorsicht

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

Varning

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

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.

Warnung

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

Varning

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

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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Cables Global Star LHR and HH	see document WM011946
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Spare Parts, Global Star HH/LHR.....	see document WM011948
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Manuals, Spar part lists and Drawings.....	see Malmö ftp-server

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2 Framework

	Existing framework (phase 3)	New framework (phase 4)	Keep old as Spare part
<u>Support blind column</u>			
C:	WM001810	WM015953+WM020507+WM020509	Y
<u>Support hydraulics</u>			
C, 1-2 hydraulics:	WM001830	WM012672	Y
C, 3 hydraulics:	WM001830 + WM001836	WM012672	Y
C, 4 hydraulics:	WM001830 (2x)	WM012688	Y
H:	WM012383 (2x)	WM012688	Y
<u>Middle support</u>			
<u>(same for both C- and H-style)</u>			
VR:	WM000119	WM012811 + WM012778	Y
No VR:	WM000119	WM012811	Y
<u>Front support</u>			
C:	WM000125	WM012698	Y
H:	WE000869	WM012696	Y
<u>Support junction boxes</u>			
<u>(same for both C- and H-style)</u>			
	WM010226	WM013398	Y
<u>Base Frames</u>			
3 hyd mod, 1 hose mod	WM002791-0005 + WM002329	WM021977	Y
3 hyd mod, 2 hose mod	WM002791-0005 + WM002330	WM021978	Y
3 hyd mod, 3 hose mod	WM002791-0005 + WM002331	WM021979	Y
4 hyd mod, 2 hose mod	WM002791-0006 + WM002330	WM021980	Y
4 hyd mod, 3 hose mod	WM002791-0006 + WM002331	WM021981	Y
4 hyd mod, 4 hose mod	WM002791-0006 + WM002332	WM021982	Y
<u>Conoco Base frames</u>			
3 hyd mod, 1 hose mod	WM002791-0013 + WM002791-0009	WM021977 + WM022082-0001 + WM022083-0001 + WM022081-0001 (2x) + WM000264-0001 (4x)	Y
3 hyd mod, 2 hose mod	WM002791-0013 + WM002791-0010	WM021978 + WM022084-0001 + WM022085-0001 + WM022081- 0001(2x) + WM000264-0001 (4x)	Y
3 hyd mod, 3 hose mod	WM002791-0013 + WM002791-0011	WM021979 + WM022086-0001 + WM022087-0001 + WM022081- 0001(2x) + WM000264-0001 (4x)	Y
4 hyd mod, 2 hose mod	WM002791-0014 + WM002791-0010	WM021980 + WM022088-0001 + WM022089-0001 + WM022081- 0001(2x) + WM000264-0001 (5x)	Y
4 hyd mod, 3 hose mod	WM002791-0014 + WM002791-0011	WM021981 + WM022090-0001 + WM022091-0001 + WM022081- 0001(2x) + WM000264-0001 (5x)	Y
4 hyd mod, 4 hose mod	WM002791-0014 + WM002791-0012	WM021982 + WM022092-0001 + WM022093-0001 + WM022081- 0001(2x) + WM000264-0001 (5x)	Y
<u>Dispenser C-style</u>			
3 mod	WM001912	WM022036-0001	N
3 mod xflo	WM018659 rev 01	WM018659 rev 02	N
4 mod	WM001935	WM022036-0002	N
4 mod xflo	WM018661	WM022337	N

3 VR Coupling

Couplings, Global Star			
Coupling	Phase 3	Phase 4	Feature
VR motor			
3/8" straight	WM002041	WM020591	std
3/8" 90 degree	WM002055	WM020431	std
Valve			
1/4" straight	WM002037	WM020593	std
1/4" 90 degree	WM002051	WM020433	std
Hose adapter			
1/4" T-coupling	WM002045	WM020453	std
Plug 10 mm	WM010665	WM020598	std
Nut 10 mm	WM002036	WM020448	std
Outlet			
3/8" straight	WM002041	WM020591	std
3/8" 90 degree	WM002055	WM020431	std

Vaccum gauge			
1/8" 90 degree	WM001812	WM020457	Option Vaccum gauge
Nut 6 mm	WM001543	WM020443	Option Vaccum gauge
Cutting ring 6 mm	WM001811	WM020442	Option Vaccum gauge
1/4" T-coupling (GS)	WB000345-0001	180238 (WM020447)	Option Vaccum gauge
	WM002037		Option Vaccum gauge
	WB000351-0001		Option Vaccum gauge
	WB000373		Option Vaccum gauge

4 Fuel tubes

Existing item	Title	New item	Keep old as spare part
WM002500	Tube, fuel delivery, side A, hyd 1	WM019444	No
WM002502	Tube, fuel delivery, side B, hyd 1	WM019437	No
WM002504	Tube, fuel delivery, side B, hyd 1	WM019382	No
WM002510	Tube, fuel delivery, side B, hyd 2	WM019357	No
WM002513	Tube, fuel delivery, side A, hyd 2	WM019302	No
WM002515	Tube, fuel delivery, side A, hyd 1	WM019386	No
WM002517	Tube, fuel delivery, side A, hyd 3	WM019412	No
WM002520	Tube, fuel delivery, side B, hyd 2	WM019278	No
WM002564	Tube, fuel delivery, side A, hyd 4	WM019424	No
WM002566	Tube, fuel delivery, side B, hyd 4	WM019403	No
WM002570	Tube, fuel delivery, side A, hose 4	WM019408	No
WM002607	Tube, fuel delivery, side B, hose 4	WM019459	No
WM002612	Tube, fuel delivery, side A, hose 3	WM019456	No
WM002615	Tube, fuel delivery, side B, hose 3	WM019447	No
WM002618	Tube, fuel delivery, side A, hose 2	WM019451	No
WM002622	Tube, fuel delivery, side B, hose 2	WM019491	No
WM002627	Tube, fuel delivery, side A, hose 1	WM019388	No
WM002630	Tube, fuel delivery, side A, hyd 1	WM019286	No
WM002672	Tube, fuel delivery, side A, hyd 2	WM019283	No
WM002674	Tube, fuel delivery, side A, hose 1	WM019345	No
WM002676	Tube, fuel delivery, side B, hose 1	WM019341	No
WM002678	Tube, fuel delivery, side A, hose 2	WM019350	No
WM002680	Tube, fuel delivery, side B, hose 2	WM019329	No
WM002686	Tube, fuel delivery, side B, hose 2	WM019429	No
WM002712	Tube, fuel delivery, side A, hose 2	WM019431	No
WM002714	Tube, fuel delivery, side B, hose 1	WM019390	No
WM002716	Tube, fuel delivery, side A, hyd 1	WM019471	No
WM002724	Tube, fuel delivery, side A, hyd 2	WM019465	No
WM002726	Tube, fuel delivery, side A, hyd 3	WM019463	No
WM002728	Tube, fuel delivery, side A, hyd 4	WM019461	No
WM002732	Tube, fuel delivery, side A, hyd 1	WM019401	No
WM002734	Tube, fuel delivery, side A, hyd 2	WM019441	No
WM002736	Tube, fuel delivery, side B, hyd 1	WM019433	No
WM002738	Tube, fuel delivery, side B, hyd 2	WM019439	No
WM002740	Tube, fuel delivery, side B, hyd 1	WM019397	No
WM002742	Tube, fuel delivery, side B, hyd 1	WM019395	No
WM002750	Tube, fuel delivery, side A, hyd 1	WM019399	No
WM002851	Tube, fuel delivery, side A, hyd 2	WM019473	No
WM002853	Tube, fuel delivery, side A, hyd 2	WM019475	No
WM002856	Tube, fuel delivery, side A, hyd 1	WM019499	No
WM003123	Tube, fuel delivery, side B, 3 connections	WM003123	Yes
WM004240	Tube, fuel delivery, side A, hyd 1	WM021243	No
WM004247	Tube, fuel delivery, side B, hyd 1	WM019384	No
WM004250	Tube, fuel delivery, side A, hyd 1	WM004250	Yes
WM004252	Tube, fuel delivery, side B, hyd 1	WM004252	Yes
WM004390	Tube, fuel delivery, side A, hose 3	WM019535	No
WM004392	Tube, fuel delivery, side B, hose 3	WM019496	No
WM004392	Tube, fuel delivery, side B, hose 3	WM019505	No

Existing item	Title	New item	Keep old as spare part
WM006265	Tube, fuel delivery, side B, hose 2	WM021250	No
WM008195	Tube, fuel delivery, side A, hose 1	WM019525	No
WM008210	Tube, fuel delivery, side A, hose 1	Will be phased out	No
WM008211	Tube, fuel delivery, side B, hose 1	WM019514	No
WM008212	Tube, fuel delivery, side B, hose 1	Will be phased out	No
WM008213	Tube, fuel delivery, side B, hose 1	WM019532	No
WM008214	Tube, fuel delivery, side B, hose 1	WM021253	No
WM008215	Tube, fuel delivery, side A, hose 1	WM019529	No
WM008216	Tube, fuel delivery, side A, hose 1	WM021256	No
WM008217	Tube, fuel delivery, side B, hose 2	WM019512	No
WM008218	Tube, fuel delivery, side A, hose 2	WM019516	No
WM008219	Tube, fuel delivery, side A, hose 3	WM019518	No
WM008220	Tube, fuel delivery, side B, hose 3	WM019510	No
WM008221	Tube, fuel delivery, side A, hose 4	WM019521	No
WM008222	Tube, fuel delivery, side B, hose 4	WM019508	No
WM012849	Tube, fuel delivery, side B, hose 2	WM021260	No

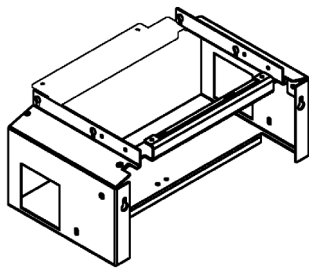
5 VR tubes

VR tubes complete with rings and nuts

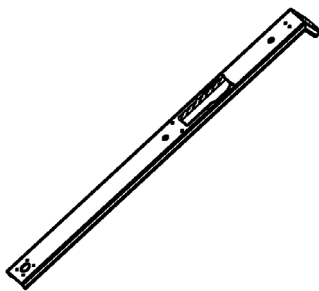
Old item no:	New item no:	Name	Keep sub-item as Sparepart?	Model
WM002161	WM016719	110mm	No	HH, LHR
WM008291	WM016722	B, valve-nozzle 1	No	HH
Wm008292	WM016723	B, valve-nozzle 2	No	HH
WM008293	WM016724	B, valve-nozzle 3	No	HH
WM008288	WM016726	A, valve-nozzle 1	No	HH
WM008289	WM016727	A, valve-nozzle 2	No	HH
WM008290	WM016728	A, valve-nozzle 3	No	HH
WM008312	WM016731	A, Vaporix-nozzle 1	New for VapourGate	HH
WM008313	WM016733	A, Vaporix-nozzle 2	New for VapourGate	HH
WM008314	WM016735	A, Vaporix-nozzle 3	New for VapourGate	HH
WM008315	WM016736	B, Vaporix-nozzle 1	New for VapourGate	HH
WM008316	WM016737	B, Vaporix-nozzle 2	New for VapourGate	HH
WM008317	WM016738	B, Vaporix-nozzle 3	New for VapourGate	HH
WM002581	WM016741	A, valve-nozzle 1	No	LHR
WM002585	WM016742	A, valve-nozzle 2	No	LHR
WM002586	WM016743	A, valve-nozzle 3	No	LHR
WM002588	WM016746	B, valve-nozzle 1	No	LHR
WM002589	WM016747	B, valve-nozzle 2	No	LHR
WM002591	WM016748	B, valve-nozzle 3	No	LHR
WM002696	WM016749	A, Vaporix-nozzle 1	New for VapourGate	LHR
WM002697	WM016751	A, Vaporix-nozzle 2	New for VapourGate	LHR
WM002698	WM016752	A, Vaporix-nozzle 3	New for VapourGate	LHR
WM002699	WM016753	B, Vaporix-nozzle 1	New for VapourGate	LHR
WM002700	WM016754	B, Vaporix-nozzle 2	New for VapourGate	LHR
WM002702	WM016755	B, Vaporix-nozzle 3	New for VapourGate	LHR
WM002703	WM016756	A, Valve-Vaporix	New for VapourGate	HH, LHR
WM002705	WM016757	B, Valve-Vaporix	New for VapourGate	HH, LHR
WM002557	WM016758	B, pump-valve	No	HH, LHR
WM002558	WM016759	B, return	No	HH, LHR
WM002559	WM016761	A, pump-valve, 3 phase	No	HH, LHR
WM002560	WM016762 (use WM018473 instead)	A, return, 3 phase motor	No	HH, LHR
WM002561	WM016776 (use wm016761 instead)	A, pump-valve single phase	No	HH, LHR
WM002562	WM016778 (use WM018473 instead)	A, return, single phase motor	No	HH, LHR
WM002521	WM016779	B, dispenser, pump-valve	No	HH, LHR
WM002522	WM016781	B, dispenser, return	No	HH, LHR
WM002523	WM016782	A, dispenser, pump-valve	No	HH, LHR
WM002524	WM016784	A, dispenser, return, 3 phase	No	HH, LHR
WM002525	WM016785	A, dispenser, return, 1 phase	No	HH, LHR
WM002718	WM016790	L=250mm	No	HH, LHR
WM002719	WM016791	L=390mm	No	HH, LHR
WM010462	WM017208	A, valve-nozzle 4	No	LHR
WM010464	WM017212	B, valve-nozzle 4	No	LHR
WM010469	WM017213	A, valve-nozzle 4	No	HH
WM010471	WM017214	B, valve-nozzle 4	No	HH

Old item no:	New item no:	Name	Keep sub-item as Sparepart?	Model
WM010476	WM017216	A, vaporix-nozzle 4	No	LHR
WM010478	WM017217	B, vaporix-nozzle 4	No	LHR
WM010481	WM017218	A, vaporix-nozzle 4	No	HH
WM010486	WM017219	B, vaporix-nozzle 4	No	HH
WE001381	WM017737	A, valve - nozzle 5	No	B2B
WE001382	WM017739	B, valve - nozzle 5	No	B2B
WE001383	WM017740	A, vaporix - nozzle 5	No	B2B
WE001384	WM017741	B, Vaporix - nozzle 5	No	B2B
	WM018473	A, return	No	HH, LHR
WM002706		6mm	No pre-assy	HH, LHR
WM002707		6mm	No pre-assy	HH, LHR

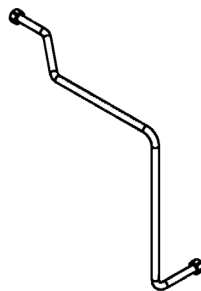
6 LPG B2B fas 4



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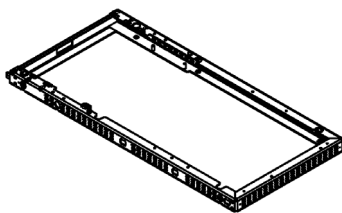
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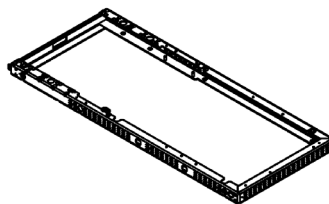
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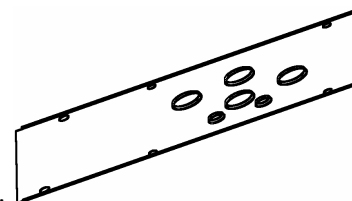
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5.



6.



7.



8.



9.

	Part number	Description
1	WM022384	Top panel, 1 module B2B LPG
2	WM001962-0008	Column, 75 deg, width 140 mm, LPG
3	WM022171	Tube, fuel delivery, side A, LPG, valve-sight glass
4	WM022173	Tube, fuel delivery, side b, LPG, valve-sight glass
5	WM022439	Base, 3 hyd mod, 1 hose mod, B2B
6	WM022440	Base, 3 Hyd mod, 2 hose mod, B2B
7	WM022494	Drip-pan, B2B, 11-11 LPG
8	WM022395	Instruction label
9	WM022396	Instruction label



7 Global Star H

Fuel delivery tubes			Keep old as spare part
Old tubes		New tubes	
	Replaced by		
WM010374		WM022912	N
WM010376		WM022974	N
WM010378		WM022976	N
WM010380		WM022914	N
WM010382		excluded	N
WM010384		side A: WM022978, side B: WM024668	N
WM010386		WM022917	N
WM010388		excluded	N
WM010390		WM022983	N
WM010392		WM022919	N
WM011036		WM022985	N
WM011038		WM022989	N
WM011059		WM022991	N

Framework			
WE000869	Support end, flat	WM012696	Y
WE000867	Support, blind column	WM022353	Y
WM015420	Support, dispenser, X-flo	WM022937	Y
WE000968	Support, dispenser, Imeter	WM023122	Y
Couplings H-style unique			
3/8" T-coupling	WB000698	WM020460	Y
3/8" straight	WM013651	WM020599	Y
3/8" Y-coupling	WM010650	180240 (WM020439)	Y

Vapour delivery tubes			
Old		New	
	Replaced by		
WM016795		WM022924	N
WM016796		WM022930	N
WM016797		WM022932	N
WM016798		WM022926	N

Vapour gate			
WM018665	Support, vapour recovery meter		-
WM019233	Vapour recovery meter		-
WM018634	Damper		-
WM001267	Solenoid valve, propotional, single		-
WM021576	Solenoid valve, on/off, single		-
WM022935	Support, damper		-
Tubes			
WM022930	Vapour, side a, t-coupl - y-coupl		-
WM022924	Vapour, side a, t-coupl - y-coupl		-
WM022926	Vapour, side b, t-coupl - y-coupl		-
WM022932	Vapour, side b, t-coupl - y-coupl		-

Vapour flow switch		
WM024596	Support, VF switch	-
WM022202	VF switch	-
WM018634	Damper	-
WB000647-0002	Screw, CSK socket cap M6	-
Tubes		
WM024782	Side A, pump-damper	-
WM024794	Side A, switch-return	-
WM024797	Side B, pump-damper	-
WM024799	Side B, switch-return	-
WM024801	Side A, pump-damper, 1-fas-motor	-
WM024600	Damper-switch	-



8 Notes

[illegible]

9 Market & Service

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More than a century of experience Über 100 Jahre Erfahrung Mer än 100 års erfarenhet Более, чем столетний опыт работы



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 drivmedelshandling på servicestationer. 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.

Wayne Dresser's operations comprise four interdependent functions:

- 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.

Die Niederlassungen von Wayne Dresser umfassen vier ineinander greifende Bereiche:

- 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 umfassender Verantwortlichkeit dem Kunden gegenüber.
- Service, technische Unterstützung und Lieferung von Ersatzteilen.

Verksamheten omfattar fyra samverkande delar:

- Utrustning som bensinpumpar, betalterminaler, butiksterminaler och stationsdatorer.
- Programvara för registrering och kommunikation internt på stationen samt mellan stationen och oljebolaget, banker och kreditinstitut.
- Projektering med totalansvar gentemot uppdragsgivaren.
- Service på fältet, teknisk support och reservdelsförsörjning.

Действия Wayne Dresser включают четыре взаимосвязанных направления:

- 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.

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 for measurement 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.