

Swift Group Technical Handbook

Caravans

Issued September 2026

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Sprite Specification

Sprite	Alpine 4	Alpine 4 DB	Major 4 SB	Major 4 EB
Berths	4	4	4	4
Axles	1	1	1	1
Internal Length (bed box height)	4.74m / 15' 7"	4.74m / 15' 7"	5.83m / 19'2"	5.93m / 19'5"
Overall Width**	2.23m / 7' 4"	2.23m / 7' 4"	2.23m / 7' 4"	2.23m / 7'4"
Overall Height (inc. TV Aerial)**	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	6.45m / 21' 2"	6.45m / 21' 2"	7.54m / 24'9"	7.63m / 25'0"
Awning A / A dimension	9.05m / 29' 8"	9.05m / 29' 8"	10.10m / 33' 2"	10.30m / 33' 10"
Mass in Running Order (inc. tolerance)	1102kg / 21.7cwt	1118kg / 22.0cwt	1227kg / 24.2cwt	1221kg / 24.0cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1247kg / 24.5cwt	1263kg / 24.9cwt	1383kg / 27.2cwt	1378kg / 27.1cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1300kg / 25.6cwt	1300kg / 25.6cwt	1500kg / 29.5cwt	1500kg / 29.5cwt
Total user Payload	145kg / 2.9cwt	145kg / 2.9cwt	156kg / 3.1cwt	157kg / 3.1cwt
Personal Effects	145kg / 2.9cwt	145kg / 2.9cwt	156kg / 3.1cwt	157kg / 3.1cwt
Options	0kg / 0.0cwt	0kg / 0.0cwt	0kg / 0.0cwt	0kg / 0.0cwt
Tyre Size	195/70 R15C 104 R	195/70 R15C 104 R	195/70 R15C 104 R	195/70 R15C 104 R
Tyre pressure at Lower limit MTPLM	3.4bar / 49psi	3.4bar / 49psi	3.7bar / 54psi	3.7bar / 54psi
Tyre pressure at Upper limit MTPLM	3.4bar / 49psi	3.4bar / 49psi	4.1bar / 59psi	4.1bar / 59psi
Static Load on Coupling Head	100kg	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE	THREE

Masses: The masses are calculated in accordance to EU regulation 1230 / 2012 and NCC code of practice 304.

The Mass in Running Order (MRO) comprises:

1. The mass of the empty caravan as supplied by Swift including loose items such as the hook-up cable, kit bag, entrance step, manuals etc.
2. 10kg allowance for LPG

The MRO is calculated with the fresh water tank, toilet flush tank and water heater empty. If you travel with water in the fresh water tank, toilet flush tank and the water heater the payload will reduce accordingly.

The personal effects is based on the number of berths and the length of the caravan and includes an allowance of 20kg for a leisure battery.

The Maximum Technical Laden Mass (MTPLM) is the maximum mass allowed when the caravan is fully laden.

WARNING: Under no circumstances should the MTPLM be exceeded

Awning sizes: Due to the varying awning designs and sizes the awning sizes given are approximate only. Specific awning sizes must be confirmed by your dealer or the awning manufacturer prior to purchase.

Est = Estimated weight

**The dimensions given are approximate due to slight variations in suspension ride heights, loading conditions and tyre pressures.

Customers should verify the actual dimensions of their touring caravan before committing to anything that could be impacted by theses dimensions

Please note: Any dealer fit options will reduce the overall payload available to the user of the caravan.

If you require additional payload it is possible to upgrade the MTPLM to the upper limit. Please contact your caravan dealer for more information.

Sprite Grande Specification

Sprite	Quattro FB Grande
Berths	6
Axles	2
Internal Length (bed box height)	6.27m / 20'7"
Overall Width**	2.46m / 8'1"
Overall Height (inc. TV Aerial)**	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"
Overall Length**	7.98m / 26'2"
Awning A / A dimension	10.56m / 34'8"
Mass in Running Order (inc. tolerance)	1490kg / 29.3cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1670kg / 32.9cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1800kg / 35.4cwt
Total user Payload	180kg / 3.5cwt
Personal Effects	180kg / 3.5cwt
Options	0kg / 0.0cwt
Tyre Size	185/65 R15 93 N
Tyre pressure at Lower limit MTPLM	2.3 bar / 33 psi
Tyre pressure at Upper limit MTPLM	2.5 bar / 36 psi
Static Load on Coupling Head	100kg
Thermal Insulation Grade	THREE

Masses: The masses are calculated in accordance to EU regulation 1230 / 2012 and NCC code of practice 304.

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2. 10kg allowance for LPG

The MRO is calculated with the fresh water tank, toilet flush tank and water heater empty. If you travel with water in the fresh water tank, toilet flush tank and the water heater the payload will reduce accordingly.

The personal effects is based on the number of berths and the length of the caravan and includes an allowance of 20kg for a leisure battery.

The Maximum Technical Laden Mass (MTPLM) is the maximum mass allowed when the caravan is fully laden.

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Awning sizes: Due to the varying awning designs and sizes the awning sizes given are approximate only. Specific awning sizes must be confirmed by your dealer or the awning manufacturer prior to purchase.

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Challenger Specification

Challenger	390	480	500	560
Berths	2	2	4	4
Axles	1	1	1	1
Internal Length (bed box height)	3.66m / 12' 0"	4.34m / 14'3"	4.83m / 15'10"	5.93m / 19'5"
Overall Width**	2.03m / 6' 8"	2.25m / 7'5"	2.25m / 7'5"	2.25m / 7'5"
Overall Height (inc. TV Aerial)**	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	5.37m / 17' 7"	6.05m / 19'10"	6.53m / 21'5"	7.63m / 25'0"
Awning A / A dimension	7.95m / 26' 1"	8.70m / 28' 7"	9.15m / 30' 0"	10.30m / 33'10"
Mass in Running Order (inc. tolerance)	1004kg / 19.8cwt	1160kg / 22.8cwt	1204kg / 23.7cwt	1382kg / 27.2cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1118kg / 22.0cwt	1281kg / 25.2cwt	1350kg / 26.6cwt	1539kg / 30.3cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1200kg / 23.6cwt	1300kg / 25.6cwt	1400kg / 27.6cwt	1550kg / 30.5cwt
Total user Payload	114kg / 2.2cwt	121kg / 2.4cwt	146kg / 2.9cwt	157kg / 3.1cwt
Personal Effects	114kg / 2.2cwt	121kg / 2.4cwt	146kg / 2.9cwt	157kg / 3.1cwt
Options	0kg / 0.0cwt	0kg / 0.0cwt	0kg / 0.0cwt	0kg / 0.0cwt
Tyre Size	195/70 R15C 104 R	195/70 R15C 104 R	195/70 R15C 104 R	195/70 R15C 104 R
Tyre pressure at Lower limit MTPLM	3.4 bar / 49 psi	3.4 bar / 49 psi	3.6 bar / 52 psi	4.2 bar / 61 psi
Tyre pressure at Upper limit MTPLM	3.4 bar / 49 psi	3.4 bar / 49 psi	3.7 bar / 54 psi	4.2 bar / 61 psi
Static Load on Coupling Head	100kg	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE	THREE

Masses: The masses are calculated in accordance to EU regulation 1230 / 2012 and NCC code of practice 304.

The Mass in Running Order (MRO) comprises:

1. The mass of the empty caravan as supplied by Swift including loose items such as the hook-up cable, kit bag, entrance step, manuals etc.
2. 10kg allowance for LPG

The MRO is calculated with the fresh water tank, toilet flush tank and water heater empty. If you travel with water in the fresh water tank, toilet flush tank and the water heater the payload will reduce accordingly.

The personal effects is based on the number of berths and the length of the caravan and includes an allowance of 20kg for a leisure battery.

The Maximum Technical Laden Mass (MTPLM) is the maximum mass allowed when the caravan is fully laden.

WARNING: Under no circumstances should the MTPLM be exceeded

Awning sizes: Due to the varying awning designs and sizes the awning sizes given are approximate only. Specific awning sizes must be confirmed by your dealer or the awning manufacturer prior to purchase.

Est = Estimated weight

**The dimensions given are approximate due to slight variations in suspension ride heights, loading conditions and tyre pressures.

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Please note: Any dealer fit options will reduce the overall payload available to the user of the caravan.

If you require additional payload it is possible to upgrade the MTPLM to the upper limit. Please contact your caravan dealer for more information.

580	590
4	6
1	1
5.83m / 19'2"	5.93m / 19'5"
2.25m / 7'5"	2.25m / 7'5"
2.59m / 8'6"	2.59m / 8'6"
1.95m / 6'5"	1.95m / 6'5"
7.54m / 24'9"	7.63m / 25'0"
10.10m / 33' 2"	10.30m / 33'10"
1354kg / 26.7cwt	1445kg / 28.4cwt
1510kg / 29.7cwt	1622kg / 31.9cwt
1550kg / 30.5cwt	1650kg / 32.5cwt
156kg / 3.1cwt	177kg / 3.5cwt
156kg / 3.1cwt	177kg / 3.5cwt
0kg / 0.0cwt	0kg / 0.0cwt
195/70 R15C 104 R	195/70 R15C 104 R
4.1bar / 59 psi	4.5 bar / 65 psi
4.2 bar / 61 psi	4.5 bar / 65 psi
100kg	100kg
THREE	THREE

Challenger Grande Specification

Challenger Grande	580 Grande	630 Grande	640 Grande	650 Grande
Berths	4	6	6	4
Axles	1	2	2	2
Internal Length (bed box height)	5.83m / 19' 2"	6.27m / 20'7"	6.27m / 20'7"	6.27m / 20'7"
Overall Width**	2.46m / 8'1"	2.46m / 8'1"	2.46m / 8'1"	2.46m / 8'1"
Overall Height (inc. TV Aerial)**	2.61m / 8'7"	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	7.54m / 24' 9"	7.98m / 26'2"	7.98m / 26'2"	7.98m / 26'2"
Awning A / A dimension	10.20m / 33'6"	10.56m / 34'8"	10.56m / 34'8"	10.56m / 34'8"
Mass in Running Order (inc. tolerance)	1444kg / 28.4cw	1601kg / 31.5cwt	1617kg / 31.8cwt	1570kg / 30.9cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1600kg / 31.5cwt	1781kg / 35.1cwt	1797kg / 35.4cwt	1730kg / 34.1cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1650kg / 32.5cwt	1900kg / 37.4cwt	1900kg / 37.4cwt	1900kg / 37.4cwt
Total user Payload	156kg / 3.1cwt	180kg / 3.5cwt	180kg / 3.5cwt	160kg / 3.1cwt
Personal Effects	156kg / 3.1cwt	180kg / 3.5cwt	180kg / 3.5cwt	160kg / 3.1cwt
Options	0kg / 0.0cwt	0kg / 0cwt	0kg / 0cwt	0kg / 0.0cwt
Tyre Size	195/70 R15C 104 R	185/60 R15 88 H	185/60 R15 88 H	185/60 R15 88 H
Tyre pressure at Lower limit MTPLM	4.4 bar / 64 psi	2.5 bar / 36 psi	2.5 bar / 36 psi	2.4 bar / 35 psi
Tyre pressure at Upper limit MTPLM	4.5 bar / 65 psi	2.7 bar / 39 psi	2.7 bar / 39 psi	2.7 bar / 39 psi
Static Load on Coupling Head	100kg	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE	THREE

Masses: The masses are calculated in accordance to EU regulation 1230 / 2012 and NCC code of practice 304.

The Mass in Running Order (MRO) comprises:

1. The mass of the empty caravan as supplied by Swift including loose items such as the hook-up cable, kit bag, entrance step, manuals etc.
2. 10kg allowance for LPG

The MRO is calculated with the fresh water tank, toilet flush tank and water heater empty. If you travel with water in the fresh water tank, toilet flush tank and the water heater the payload will reduce accordingly.

The personal effects is based on the number of berths and the length of the caravan and includes an allowance of 20kg for a leisure battery.

The Maximum Technical Laden Mass (MTPLM) is the maximum mass allowed when the caravan is fully laden.

WARNING: Under no circumstances should the MTPLM be exceeded

Awning sizes: Due to the varying awning designs and sizes the awning sizes given are approximate only. Specific awning sizes must be confirmed by your dealer or the awning manufacturer prior to purchase.

Est = Estimated weight

**The dimensions given are approximate due to slight variations in suspension ride heights, loading conditions and tyre pressures.

Customers should verify the actual dimensions of their touring caravan before committing to anything that could be impacted by theses dimensions

Please note: Any dealer fit options will reduce the overall payload available to the user of the caravan.

If you require additional payload it is possible to upgrade the MTPLM to the upper limit. Please contact your caravan dealer for more information.

Conqueror Specification

Conqueror	480	565	580
Berths	2	4	4
Axles	1	1	1
Internal Length (bed box height)	4.83m / 15'10"	6.03m / 19'9"	5.93m / 19'5"
Overall Width**	2.25m / 7' 5"	2.25m / 7'5"	2.25m / 7' 5"
Overall Height (inc. TV Aerial)**	2.61m / 8'7"	2.61m / 8'7"	2.61m / 8'7"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	6.53m / 21'5"	7.73m / 25'4"	7.63m / 25'0"
Awning A / A dimension	9.12m / 29'11"	10.47m / 34'4"	10.32m / 33'10"
Mass in Running Order (inc. tolerance)	1334kg / 26.3cwt	1542kg / 30.4cwt	1518kg / 29.9cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1460kg / 28.7cwt	1700kg / 33.5cwt	1675kg / 33.0cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1550kg / 30.5cwt	1800kg / 35.4cwt	1750kg / 34.4cwt
Total user Payload	126kg / 2.5cwt	158kg / 3.1cwt	157kg / 3.1cwt
Personal Effects	126kg / 2.5cwt	158kg / 3.1cwt	157kg / 3.1cwt
Options	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt
Tyre Size	195/70 R15C 104 R	205/70 R15C 106	195/70 R15C 104 R
Tyre pressure at Lower limit MTPLM	57 psi / 3.9 bar	65 psi / 4.5 bar	65 psi / 4.5 bar
Tyre pressure at Upper limit MTPLM	61 psi / 4.2 bar	65 psi / 4.5 bar	65 psi / 4.5 bar
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE

Masses: The masses are calculated in accordance to EU regulation 1230 / 2012 and NCC code of practice 304.

The Mass in Running Order (MRO) comprises:

1. The mass of the empty caravan as supplied by Swift including loose items such as the hook-up cable, kit bag, entrance step, manuals etc.
2. 10kg allowance for LPG

The MRO is calculated with the fresh water tank, toilet flush tank and water heater empty. If you travel with water in the fresh water tank, toilet flush tank and the water heater the payload will reduce accordingly.

The personal effects is based on the number of berths and the length of the caravan and includes an allowance of 20kg for a leisure battery.

The Maximum Technical Laden Mass (MTPLM) is the maximum mass allowed when the caravan is fully laden.

WARNING: Under no circumstances should the MTPLM be exceeded

Awning sizes: Due to the varying awning designs and sizes the awning sizes given are approximate only. Specific awning sizes must be confirmed by your dealer or the awning manufacturer prior to purchase.

Est = Estimated weight

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If you require additional payload it is possible to upgrade the MTPLM to the upper limit. Please contact your caravan dealer for more information.

Conqueror Grande Specification

Conqueror Grande	560 L Grande	580 Grande	645 Grande	650 Grande
Berths	4	4	4	4
Axles	1	1	2	2
Internal Length (bed box height)	5.93m / 19'5"	5.93m / 19'5"	6.27m / 20'7"	6.27m / 20'7"
Overall Width**	2.46m / 8'1"	2.46m / 8'1"	2.46m / 8'1"	2.46m / 8'1"
Overall Height (inc. TV Aerial)**	2.61m / 8'7"	2.61m / 8'7"	2.59m / 8'6"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	7.63m / 25'0"	7.63m / 25'0"	7.98m / 26'2"	7.98m / 26'2"
Awning A / A dimension	10.32m / 33'10"	10.32m / 33'10"	10.59m / 34'9"	10.59m / 34'9"
Mass in Running Order (inc. tolerance)	1578kg / 31.1cwt	1579kg / 31.1cwt	1726kg / 34.0cwt	1726kg / 34.0cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1735kg / 34.2cwt	1736kg / 34.2cwt	1886kg / 37.1cwt	1886kg / 37.1cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1800kg / 35.4cwt	1800kg / 35.4cwt	2000kg / 39.4cwt	2000kg / 39.4cwt
Total user Payload	157kg / 3.1cwt	157kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt
Personal Effects	157kg / 3.1cwt	157kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt
Options	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt
Tyre Size	205/70 R15C 106 R	205/70 R15C 106 R	185/60 R15 88 H	185/60 R15 88 H
Tyre pressure at Lower limit MTPLM	65 psi /4.5 bar	65 psi /4.5 bar	39 psi / 2.7 bar	39 psi / 2.7 bar
Tyre pressure at Upper limit MTPLM	65 psi /4.5 bar	65 psi /4.5 bar	42 psi / 2.9 bar	42 psi / 2.9 bar
Static Load on Coupling Head	100kg	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE	THREE

Masses: The masses are calculated in accordance to EU regulation 1230 / 2012 and NCC code of practice 304.

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1. The mass of the empty caravan as supplied by Swift including loose items such as the hook-up cable, kit bag, entrance step, manuals etc.
2. 10kg allowance for LPG

The MRO is calculated with the fresh water tank, toilet flush tank and water heater empty. If you travel with water in the fresh water tank, toilet flush tank and the water heater the payload will reduce accordingly.

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Elegance Grande Specification

Elegance Grande	835	845	850	860
Berths	4	4	4	4
Axles	2	2	2	2
Internal Length (bed box height)	6.36m / 20'10"	6.36m / 20'10"	6.36m / 20'10"	6.36m / 20'10"
Overall Width*	2.45m / 8'0"	2.45m / 8'0"	2.45m / 8'0"	2.45m / 8'0"
Overall Height (inc. TV Aerial)*	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length*	7.98m / 26'2"	7.98m / 26'2"	7.98m / 26'2"	7.98m / 26'2"
Awning A / A dimension	10.49m / 34'5"	10.49m / 34'5"	10.49m / 34'5"	10.49m / 34'5"
Mass in Running Order (inc. tolerance)	1922kg / 37.8cwt	1901kg / 37.4cwt	1908kg / 37.6cwt	1854kg / 36.5cwt
Maximum Technical Permissible Laden Mass (Lower limit)	2123kg / 41.8cwt	2102kg / 41.4cwt	2109kg / 41.5cwt	2055kg / 40.5cwt
Maximum Technical Permissible Laden Mass (Upper limit)	2250kg / 44.3cwt	2250kg / 44.3cwt	2250kg / 44.3cwt	2250kg / 44.3cwt
Total user Payload	201kg / 4.0cwt	201kg / 4.0cwt	201kg / 4.0cwt	201kg / 4.0cwt
Personal Effects	160kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt
Options	41kg / 0.8cwt	41kg / 0.8cwt	41kg / 0.8cwt	41kg / 0.8cwt
Tyre Size	215/45 R17 91	215/45 R17 91	215/45 R17 91	215/45 R17 91
Tyre pressure at Lower limit MTPLM	48 psi / 3.3 bar	46 psi / 3.2 bar	46 psi / 3.2 bar	45 psi / 3.1 bar
Tyre pressure at Upper limit MTPLM	49 psi / 3.4 bar	49 psi / 3.4 bar	49 psi / 3.4 bar	49 psi / 3.4 bar
Static Load on Coupling Head	120kg	120kg	120kg	120kg
Thermal Insulation Grade	THREE	THREE	THREE	THREE

Masses: The masses are calculated in accordance to EU regulation 1230 / 2012 and NCC code of practice 304.

The Mass in Running Order (MRO) comprises:

1. The mass of the empty caravan as supplied by Swift including loose items such as the hook-up cable, kit bag, entrance step, manuals etc.
2. 20kg allowance for LPG

The MRO is calculated with the fresh water tank, toilet flush tank and water heater empty. If you travel with water in the fresh water tank, toilet flush tank and the water heater the payload will reduce accordingly.

The personal effects is based on the number of berths and the length of the caravan and includes an allowance of 20kg for a leisure battery.

The Maximum Technical Laden Mass (MTPLM) is the maximum mass allowed when the caravan is fully laden.

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Awning sizes: Due to the varying awning designs and sizes the awning sizes given are approximate only. Specific awning sizes must be confirmed by your dealer or the awning manufacturer prior to purchase.

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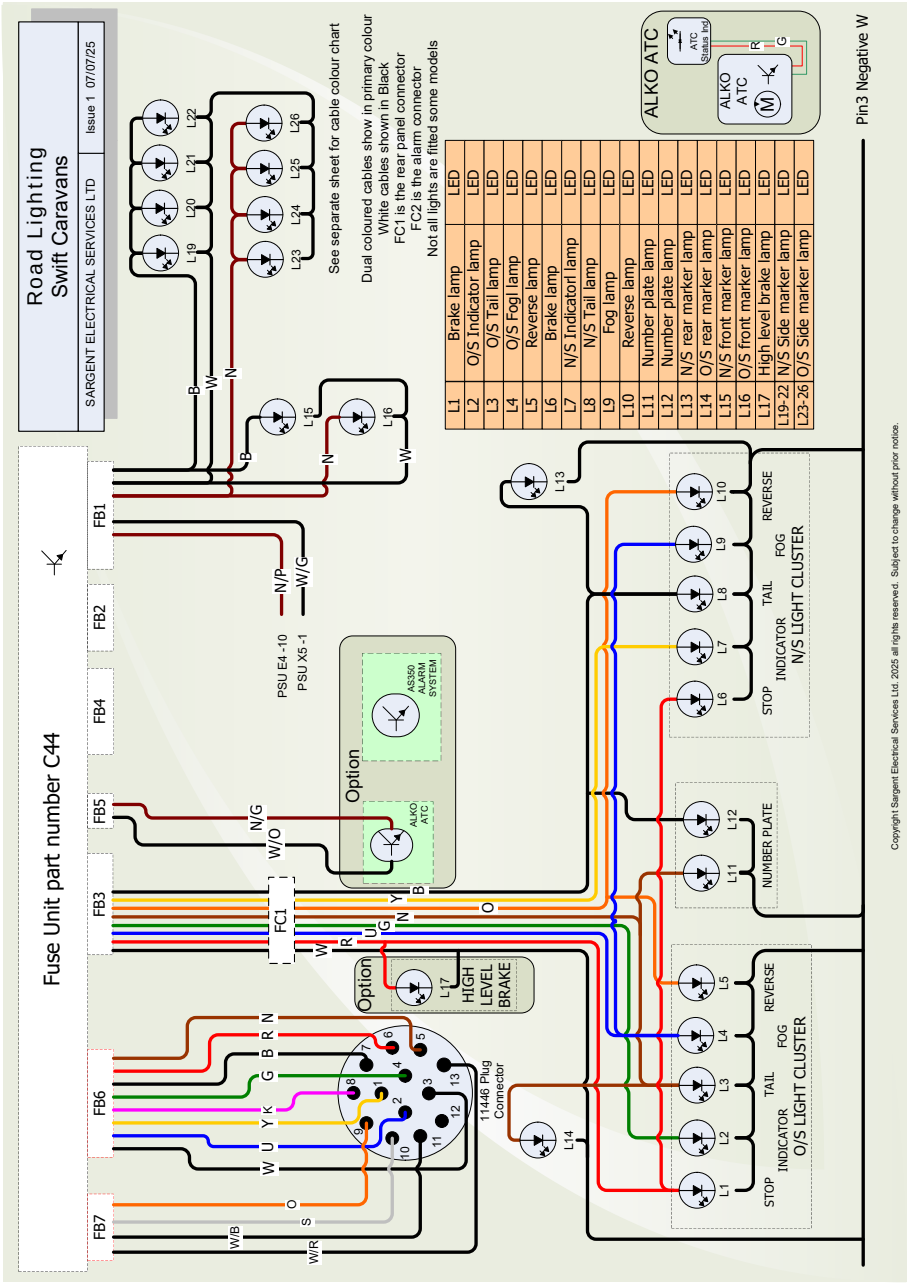
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If you require additional payload it is possible to upgrade the MTPLM to the upper limit. Please contact your caravan dealer for more information.

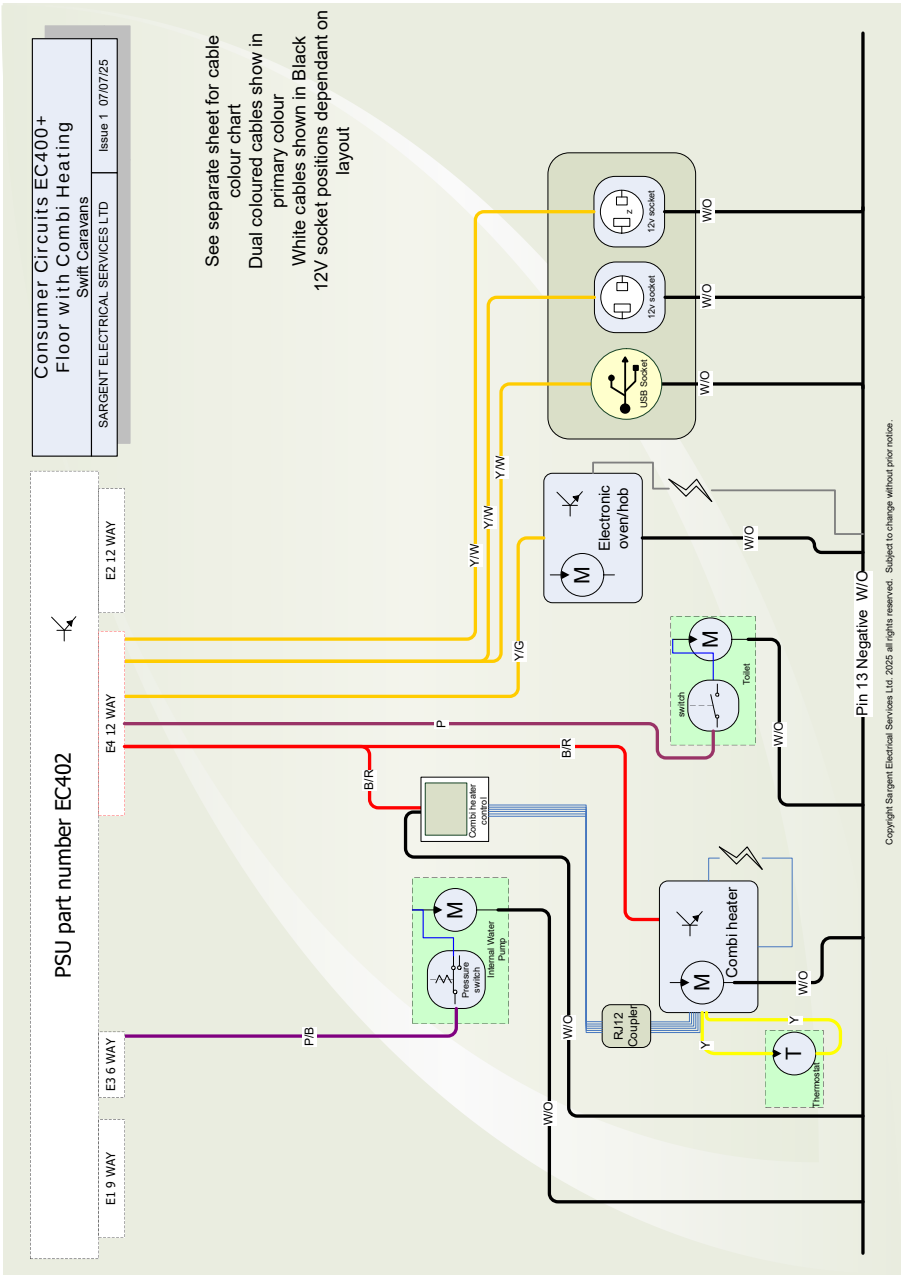
Wiring Diagrams - Road Lighting

Sprite, Challenger, Conqueror and Elegance Grande

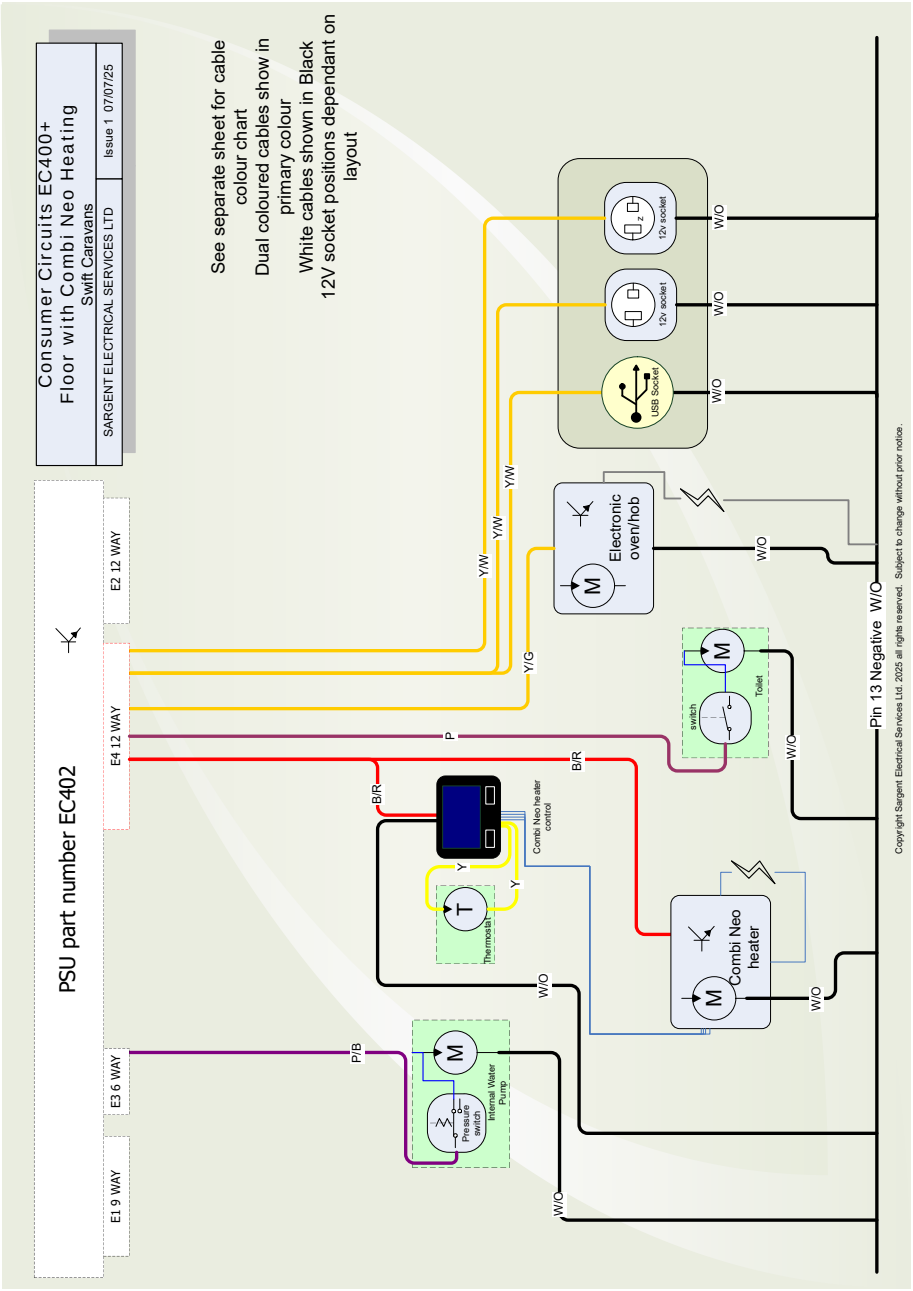


Wiring Diagrams - Consumer Circuits

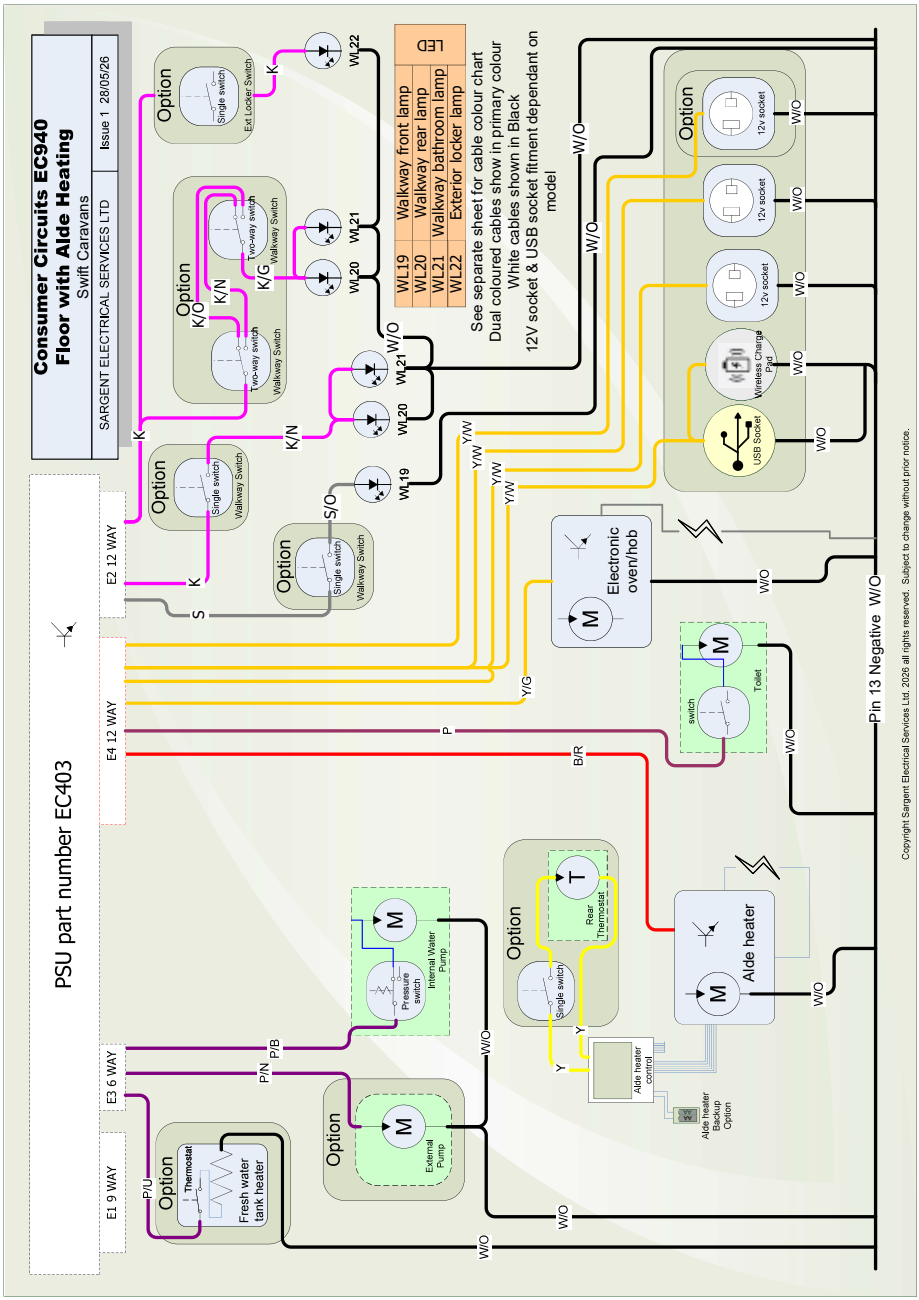
Floor with Combi heating: Sprite



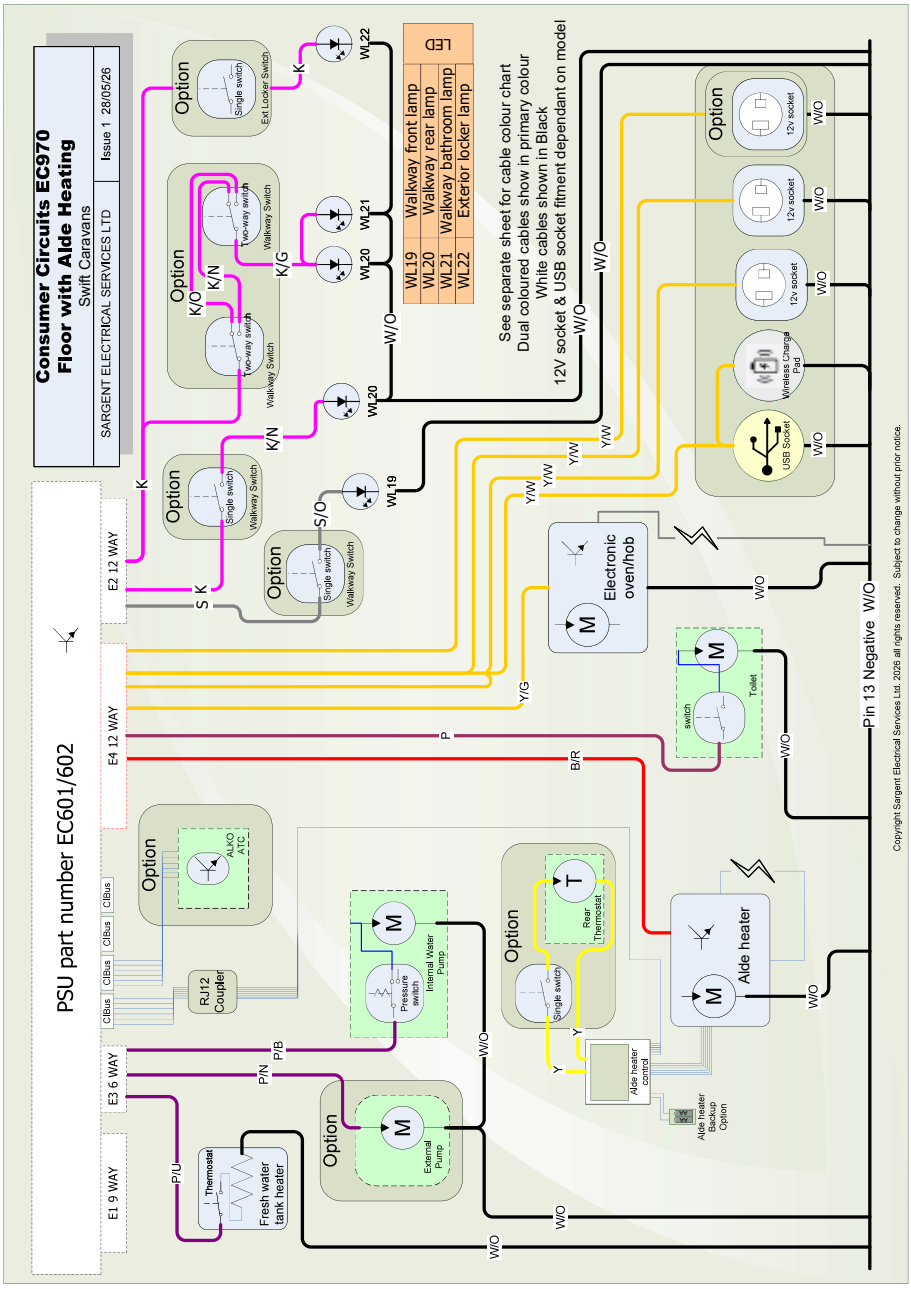
Floor heating with Combi Neo: Challenger



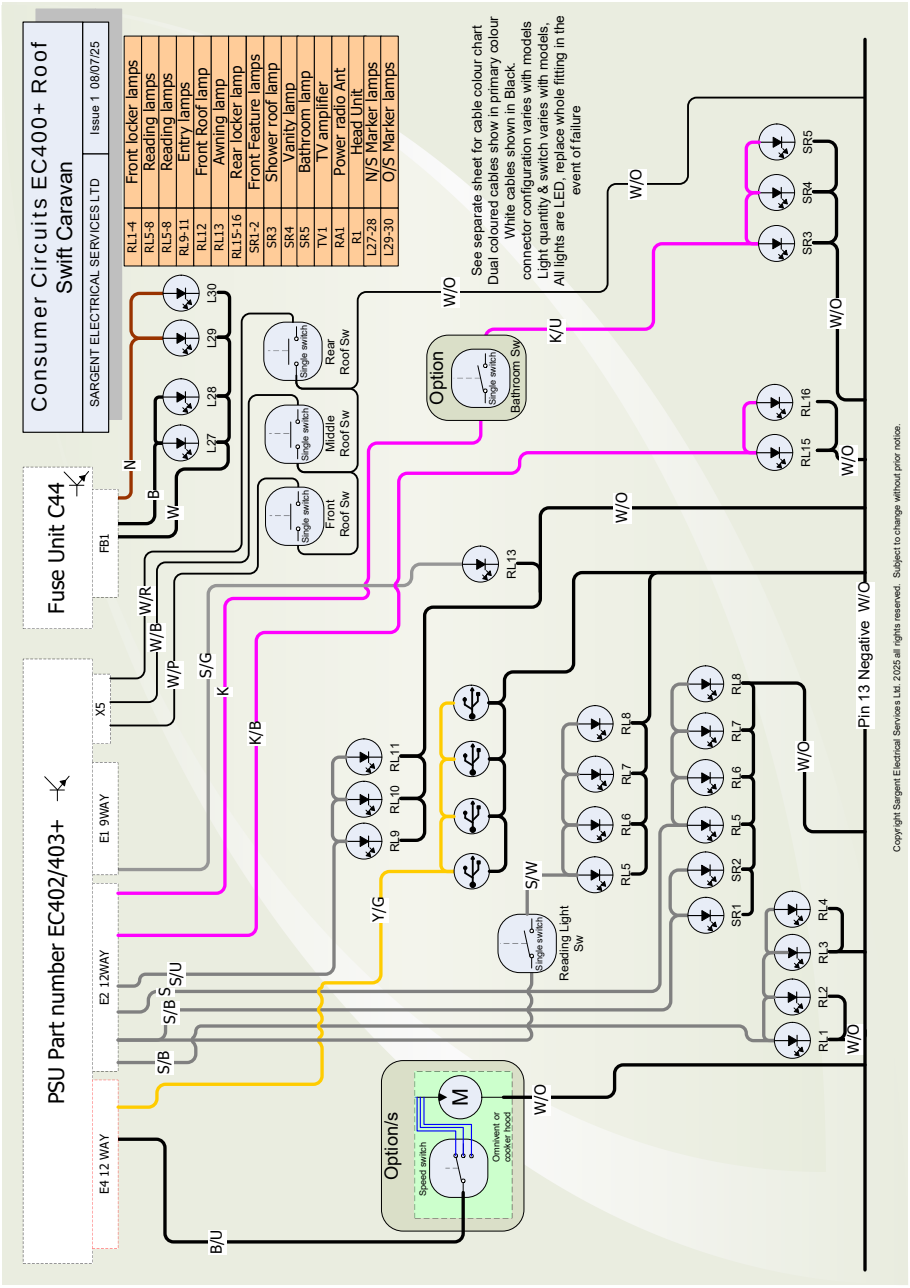
Floor with Alde heating - Conqueror



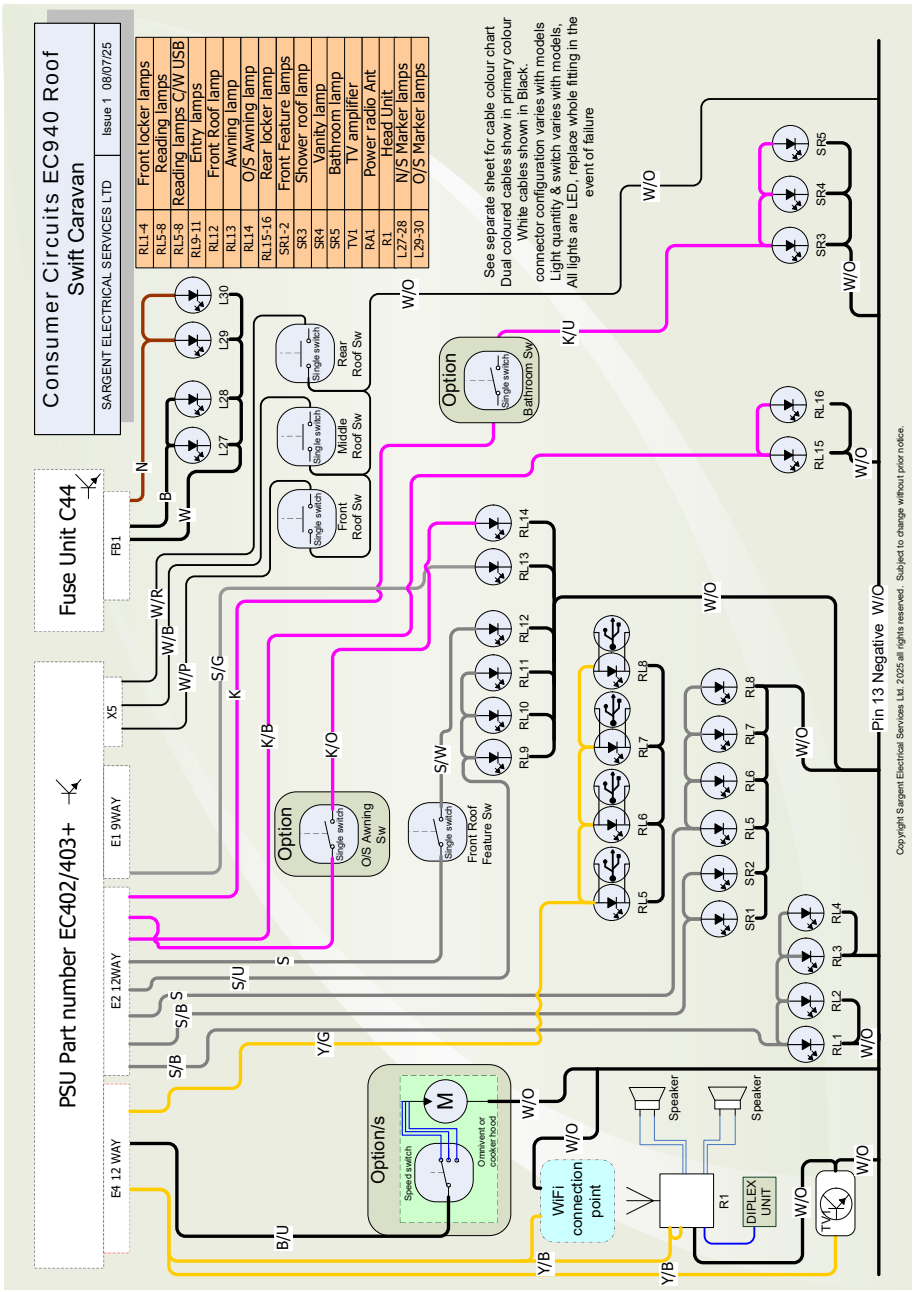
Floor with Alde heating - Elegance Grande



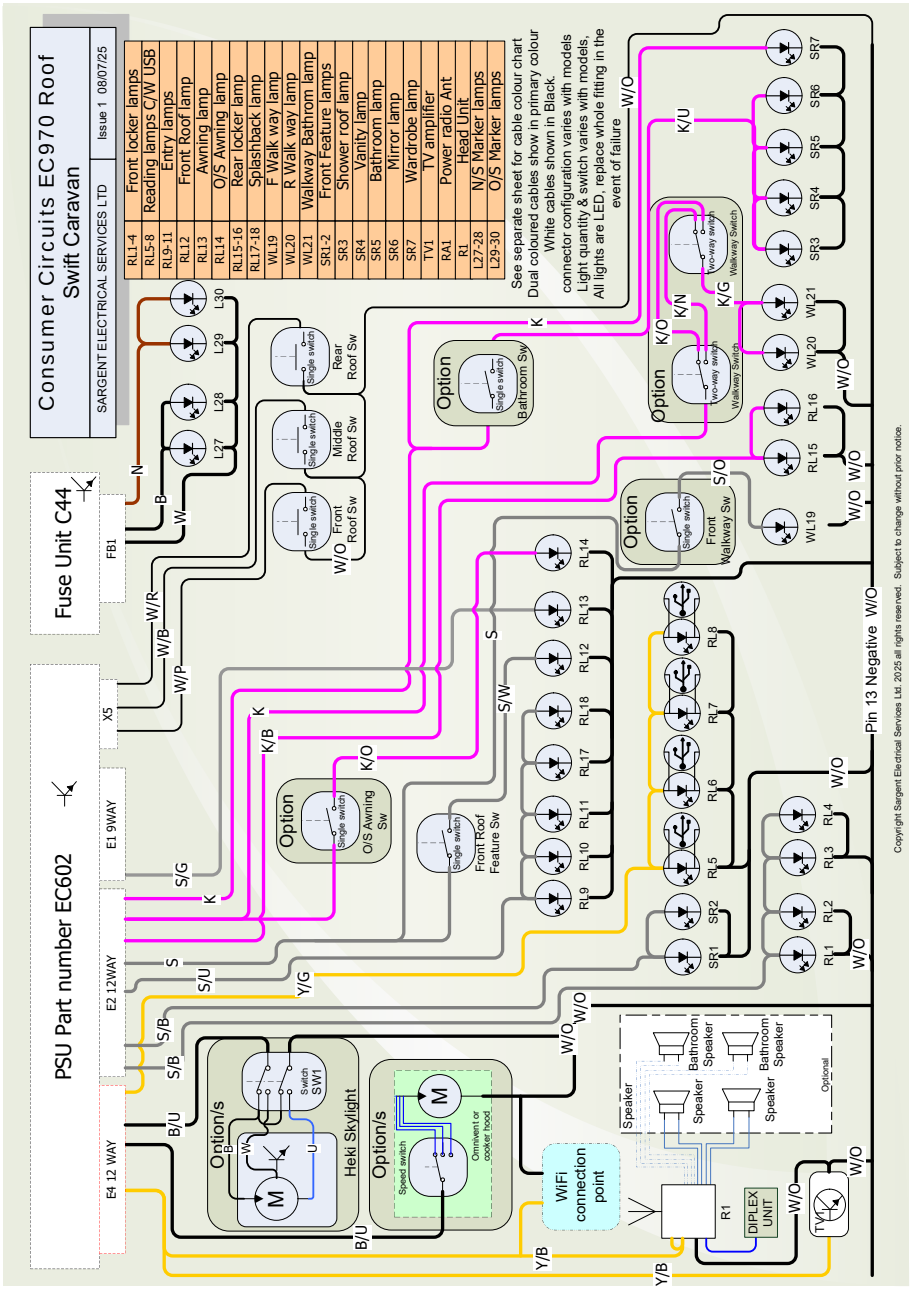
Sprite, Challenger



Conqueror

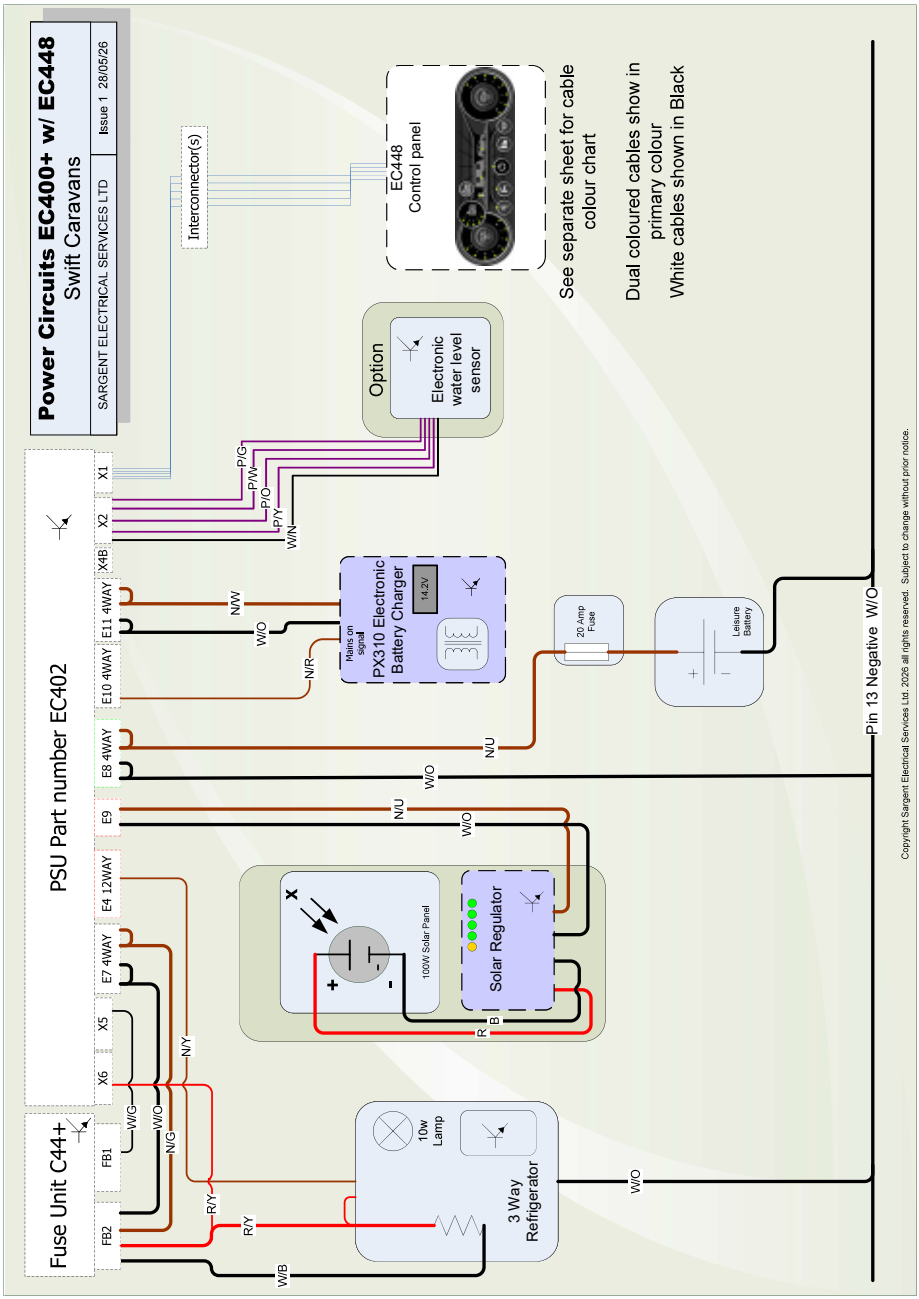

Consumer Circuits EC940 Roof
Swift Caravan
SARGENT ELECTRICAL SERVICES LTD
Issue 1 08/07/25
PSU Part number EC402/403+
E4 12 WAY
E2 12WAY
E1 9WAY
X5
Fuse Unit C44
FB1
RL1-4 Front locker lamps
RL5-8 Reading lamps
RL5-8 Reading lamps C/W USB
RL9-11 Entry lamps
RL12 Front Roof lamp
RL13 Awning lamp
RL14 O/S Awning lamp
RL15-16 Rear locker lamp
SR1-2 Front Feature lamps
SR3 Shower roof lamp
SR4 Vanity lamp
SR5 Bathroom lamp
TV1 TV amplifier
RA1 Power radio Ant
R1 Head Unit
L27-28 N/S Marker lamps
L29-30 O/S Marker lamps
See separate sheet for cable colour chart
Dual coloured cables show in primary colour
White cables shown in Black.
connector configuration varies with models
Light quantity & switch varies with models,
All lights are LED, replace whole fitting in the event of failure
Front Roof Sw
Middle Roof Sw
Rear Roof Sw
Option
O/S Awning Sw
Front Roof Feature Sw
Bathroom Sw
Single switch
Option/s
Speed switch
Ornament or cooker hood
WiFi connection point
Speaker
Speaker
R1
DIPLEX UNIT
TV1
Pin 13 Negative W/O
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Elegance Grande



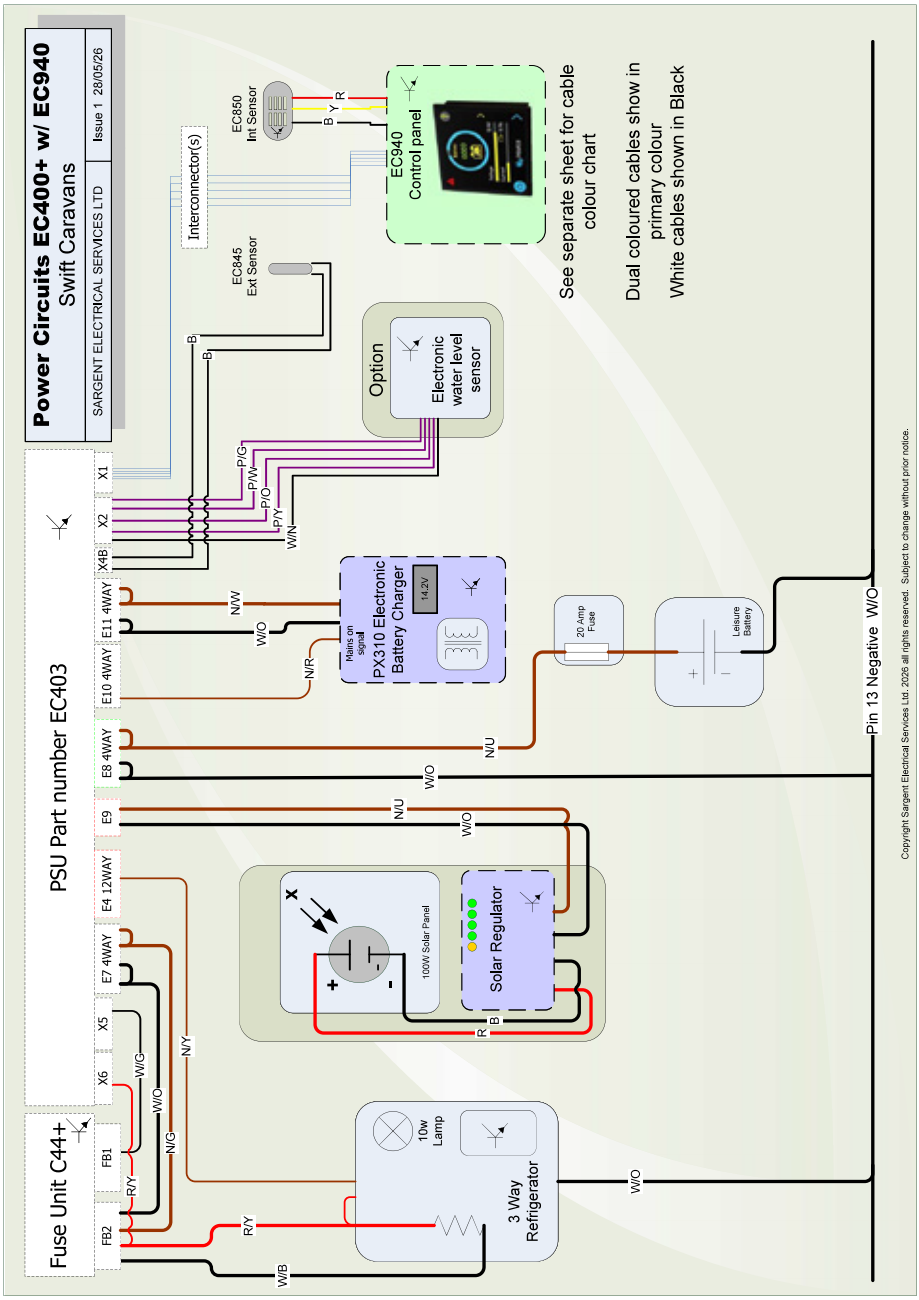
Wiring Diagrams - Power Circuits

Sprite

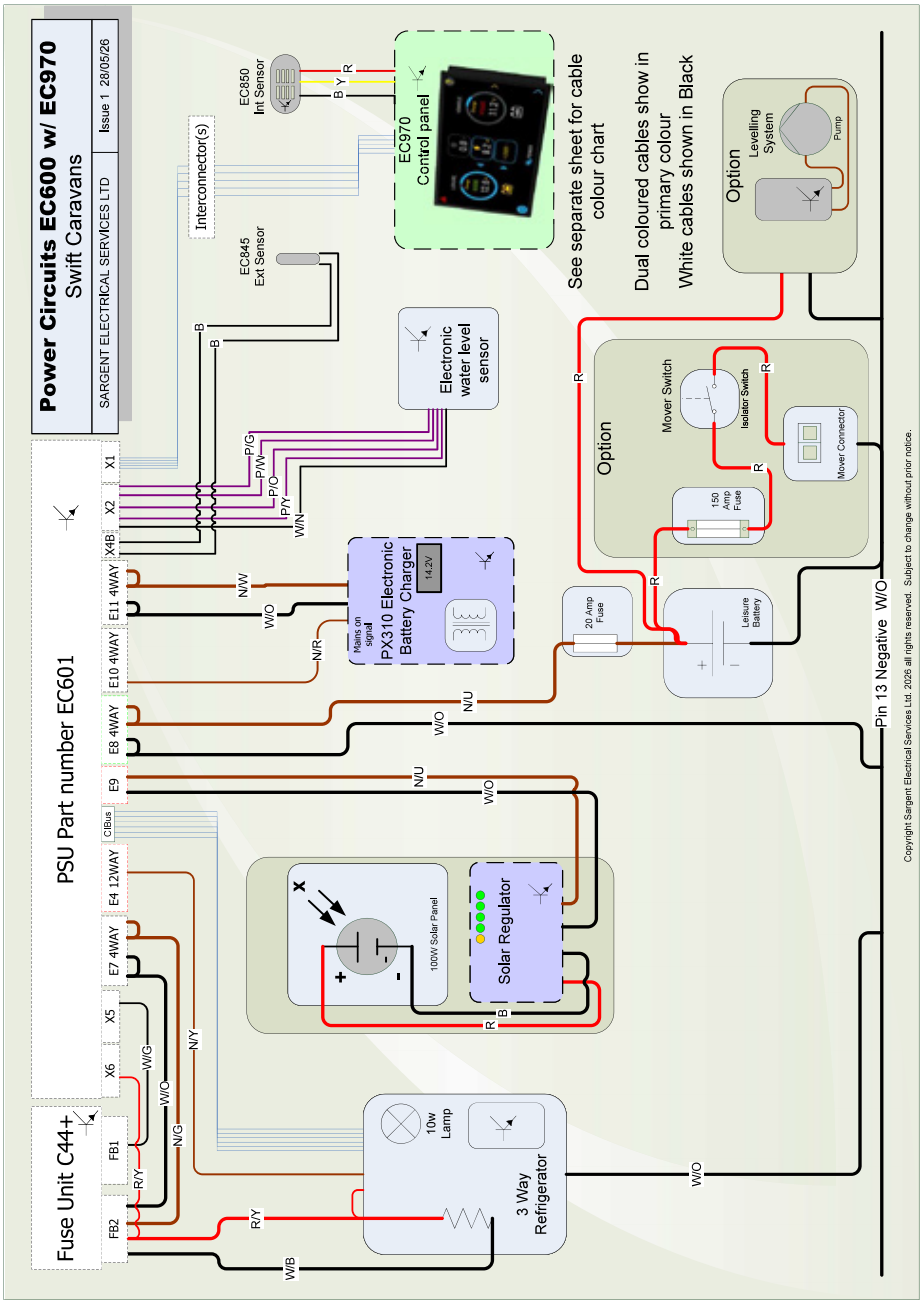


Wiring Diagrams - Power Circuits

Challenger and Conqueror

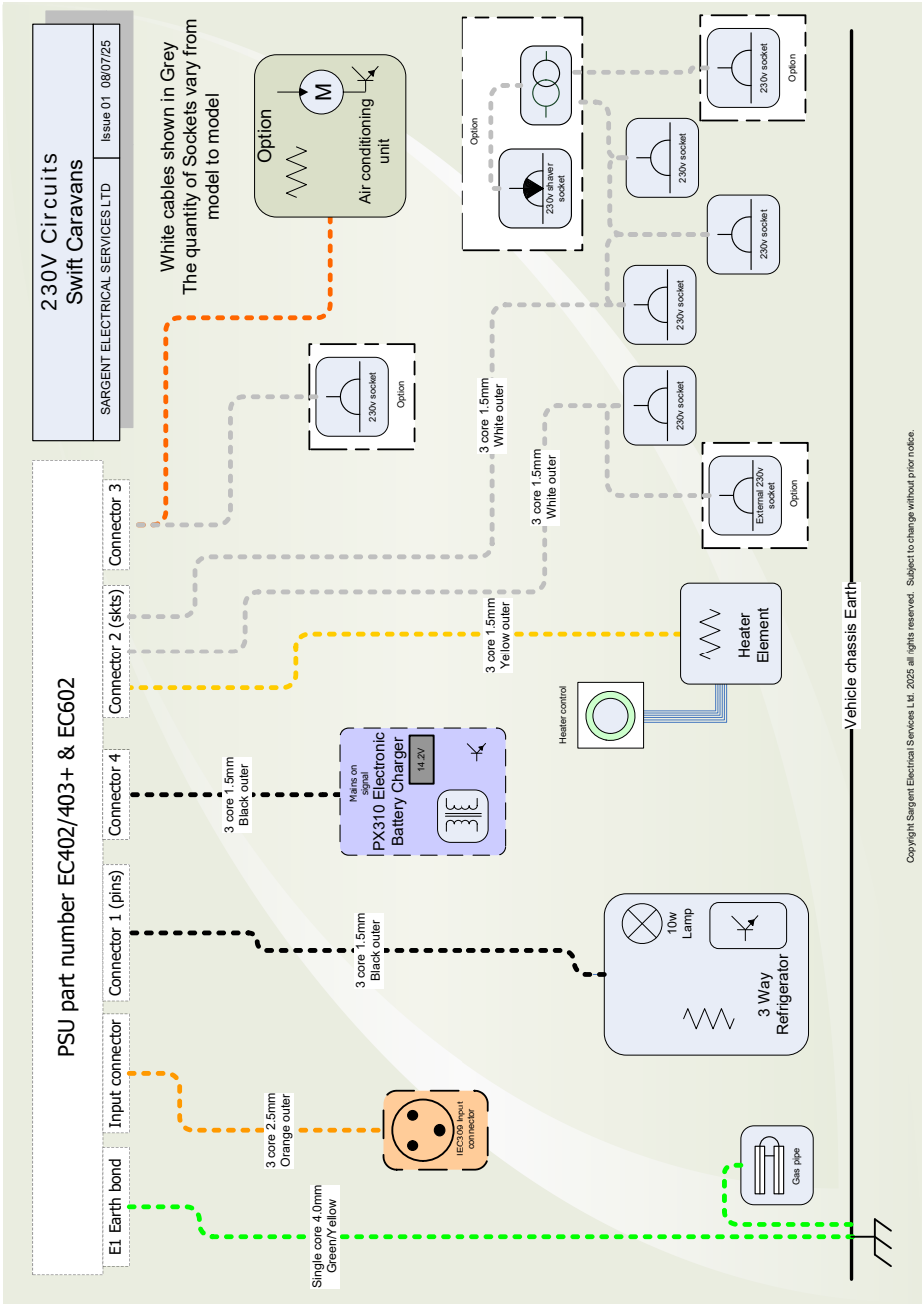


Elegance Grande

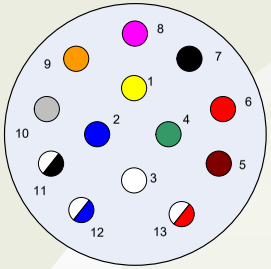


Wiring Diagrams - 230V Circuits

Sprite, Challenger, Conqueror and Elegance Grande



ISO 11446 Circuits Swift Group Caravans (where applicable)	
SARGENT ELECTRICAL SERVICES LTD	Issue 01 08/07/25



11446 Plug Connector viewed from cable entry on plug

It is possible to get adaptors that convert two sockets on the towbar to a single 13 pin ISO socket, and vice versa.
Connection lead from 12N 7 pin socket plus 12S 7 pin socket to 13pin Euro Socket. (Converts a vehicle with two 7 pin sockets to a caravan with a 13 pin plug)
Please be aware that some car and adaptor manufacturers don't provide the fridge power connections





Pin No	Core Colour	Core Size	Function
1	Yellow	1.5	Left Hand Indicator Light
2	Blue	1.5	Rear Fog Warning Light(s)
3	White	2.5	Earth for pins 1 - 8
4	Green	1.5	Right Hand Indicator Light
5	Brown	1.5	Right Hand Tail Light
6	Red	1.5	Brake Lights
7	Black	1.5	Left Hand Tail Light
8	Pink	1.5	Reverse Light(s)
9	Orange	2.5	Car +ve
10	Slate (Grey)	2.5	Fridge +ve
11	White/Black	2.5	Earth for pin 10
12	White/Blue	1.5	Not Yet Allocated
13	White/Red	2.5	Earth for pin 9

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Example



Y/U Yellow cable with Blue stripe

Cable Colour Chart Swift range	
SARGENT ELECTRICAL SERVICES LTD	Issue 1 08/07/25

12V Cable Colours

B	BLACK
N	BROWN
R	RED
O	ORANGE
Y	YELLOW
G	GREEN
U	BLUE
P	PURPLE
S	SLATE GREY
W	WHITE
K	PINK

230V Cable Colours

B	BLACK
N	BROWN
W	WHITE
O	ORANGE
Y	YELLOW
G	GREEN
U	BLUE

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12V DC PROTECTION (FUSES)

Fuse	Rating	Colour	Circuit Description
1	25A	White	Battery Charger / Spare #
2	7.5A	Brown	Fridge Control / Alarm
3	10A	Red	12V & USB Sockets / TV Amp / CV Radio
4	10A	Red	Extractor Fans / Heating
5	10A	Red	Appliances / Cooker / Toilet / USB
6	10A	Red	Water Pumps / MH Tank Heaters
7	10A	Red	Lighting, Main & Rear High Lights
8	10A	Red	Lighting, Entry & Front High Lights
9	10A	Red	MH Marker Lights / En Route Heating
10	10A	Red	Awning Light / MH Elect Step
11	15A	Blue	Motorhome Fridge 12V
12	15A	Blue	Motorhome Towing 12V
13	20A	Yellow	Motorhome Fridge D+

CV = Caravan, MH = Motorhome. Fuses 11-13 only fitted to Motorhomes. Label shows summary of circuits, for comprehensive information see user manual / handbook. # Fuse 1 for PX300 charger only, not used with PX310 charger (spare).

MAINS 230V PROTECTION

MCB	Rating	Circuit Description (Output Cable Colour)
1	10A	230V Sockets (White) / *Oven Hotplate *Microwave (White)
2	16A	Heating System (Yellow) / *Extra 230V Sockets (White)
3	10A	Fridge (Black) / Battery Charger / *Auxiliary Devices

* Optional items, when fitted

Fuse Allocations 12V & 230V
Caravan

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Bulb Replacement

ROAD LIGHT BULB ACCESS

REAR LIGHT CLUSTERS (CONTAINING INDICATOR, TAIL / STOP, REVERSE AND FOG LAMPS):

- These multi-function lights are LED and have no user serviceable parts inside.
- Replacement clusters can be fitted in the following way:
- Remove three screws visible around the perimeter of the cluster
- Pull the cluster away from the rear panel of the tourer, taking care to not put excessive strain on the electrical connections behind the lamp
- Unplug the electrical connection from the rear of the lamp, by releasing the tab and lifting the connector upwards relative to the cluster
- Plug the connector back into the replacement lamp, position the lamp into the recess and replace the three fixing screws.

FRONT LOW LEVEL MARKER / POSITION LAMPS (CLEAR LENSE)

- These lamps are LED and have no user serviceable parts inside.
- Replacements should be undertaken by your dealer, as the lamps are sealed onto the mounting panel.

HIGH LEVEL BRAKE LAMP

- This lamp is single piece and has no user serviceable parts inside.
- Replacements should be undertaken by your dealer, as the lamps are sealed onto the mounting panel.

NUMBER PLATE LAMPS

- These lamps are single piece and have no user serviceable parts inside.
- Replacements should be undertaken by your dealer, as the lamps are sealed onto the mounting panel.

SIDE MARKER / POSITION LAMPS (AMBER LENSE)

- These lamps are LED and have no user serviceable parts inside.
- Replacements should be undertaken by your dealer, as the lamps are sealed onto the mounting panel.

UPPER SIDE MARKER / POSITION LAMPS (RED AND WHITE LENSE)

- These lamps are LED and have no user serviceable parts inside.
- Replacement should be undertaken by your dealer, as the lamp is sealed onto the mounting panel.

Dealer Special specification based on Elegance Grande

Based on Elegance Grande	Elegance 835 Grande	Elegance 845 Grande	Elegance 850 Grande	Elegance 860 Grande
Dealer				
COUPLANDS	BESSACARR BY DESIGN 835	BESSACARR BY DESIGN 845	BESSACARR BY DESIGN 850	BESSACARR BY DESIGN 860
Berths	4	4	4	4
Axles	2	2	2	2
Internal Length (bed box height)	6.36m / 20'10"	6.36m / 20'10"	6.36m / 20'10"	6.36m / 20'10"
Overall Width*	2.45m / 8'0"	2.45m / 8'0"	2.45m / 8'0"	2.45m / 8'0"
Overall Height (inc. TV Aerial)*	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length*	7.98m / 26'2"	7.98m / 26'2"	7.98m / 26'2"	7.98m / 26'2"
Awning A / A dimension	10.49m / 34'5"	10.49m / 34'5"	10.49m / 34'5"	10.49m / 34'5"
Mass in Running Order (inc. tolerance)	1965kg / 38.7cwt	1944kg / 38.3cwt	1951kg / 38.4cwt	1897kg / 37.3cwt
Maximum Technical Permissible Laden Mass (Lower limit)	2125kg / 41.8cwt	2104kg / 41.4cwt	2111kg / 41.6cwt	2057kg / 40.5cwt
Maximum Technical Permissible Laden Mass (Upper limit)	2250kg / 44.3cwt	2250kg / 44.3cwt	2250kg / 44.3cwt	2250kg / 44.3cwt
Total user Payload	160kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt	160 kg / 3.1cwt
Personal Effects	160kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt
Options	0kg / 0.0cwt	0kg / 0 cwt	0kg / 0 cwt	0kg / 0 cwt
Tyre Size	215/45 R17 91	215/45 R17 91	215/45 R17 91	215/45 R17 91
Tyre pressure at Lower limit MTPLM	48 psi / 3.3 bar	46 psi / 3.2 bar	48 psi / 3.3 bar	45 psi / 3.1 bar
Tyre pressure at Upper limit MTPLM	49 psi / 3.4 bar	49 psi / 3.4 bar	49 psi / 3.4 bar	49 psi / 3.4 bar
Static Load on Coupling Head	120kg	120kg	120kg	120kg
Thermal Insulation Grade	THREE	THREE	THREE	THREE

Masses: The masses are calculated in accordance to EU regulation 1230 / 2012 and NCC code of practice 304.

The Mass in Running Order (MRO) comprises:

1. The mass of the empty caravan as supplied by Swift including loose items such as the hook-up cable, kit bag, entrance step, manuals etc.
2. 20kg allowance for LPG

The MRO is calculated with the fresh water tank, toilet flush tank and water heater empty. If you travel with water in the fresh water tank, toilet flush tank and the water heater the payload will reduce accordingly.

The personal effects is based on the number of berths and the length of the caravan and includes an allowance of 20kg for a leisure battery.

The Maximum Technical Laden Mass (MTPLM) is the maximum mass allowed when the caravan is fully laden.

WARNING: Under no circumstances should the MTPLM be exceeded

Awning sizes: Due to the varying awning designs and sizes the awning sizes given are approximate only. Specific awning sizes must be confirmed by your dealer or the awning manufacturer prior to purchase.

Est = Estimated weight

**The dimensions given are approximate due to slight variations in suspension ride heights, loading conditions and tyre pressures.

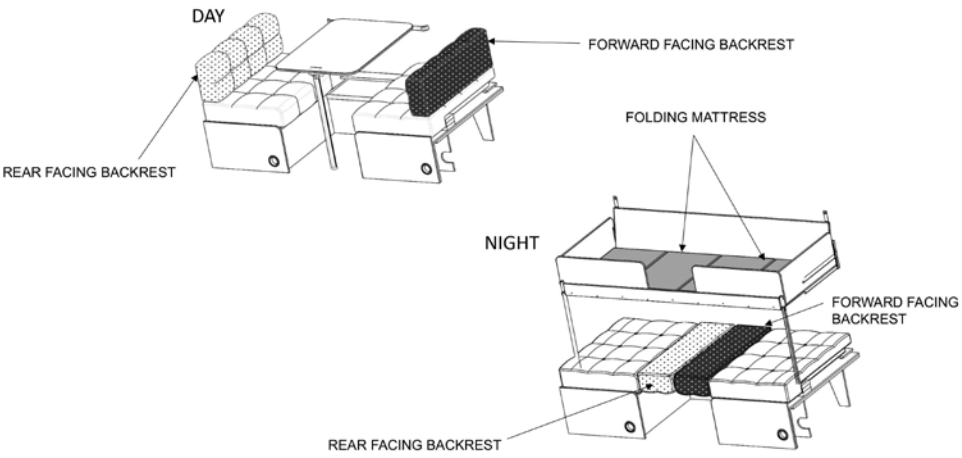
Customers should verify the actual dimensions of their touring caravan before committing to anything that could be impacted by theses dimensions

Please note: Any dealer fit options will reduce the overall payload available to the user of the caravan.

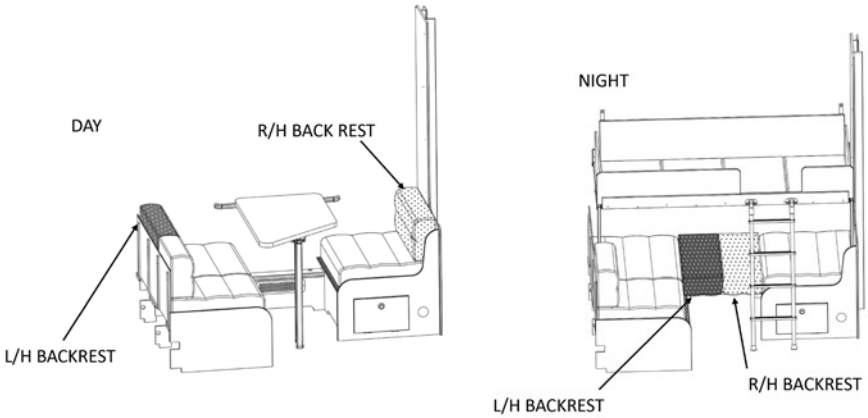
If you require additional payload it is possible to upgrade the MTPLM to the upper limit. Please contact your caravan dealer for more information.

Bed make up

Bed make up in Challenger 630 Grande

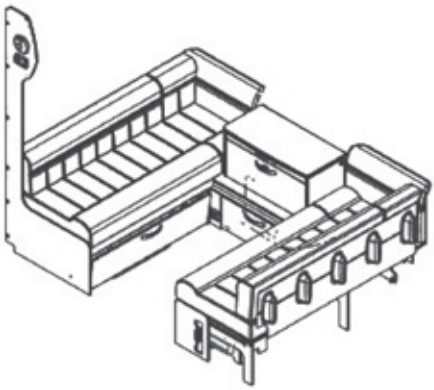


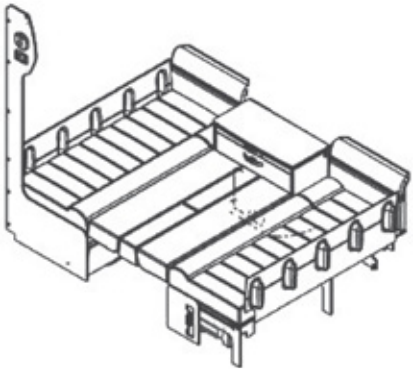
Bed make up on Challenger 590

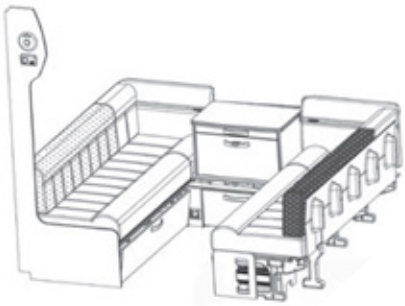


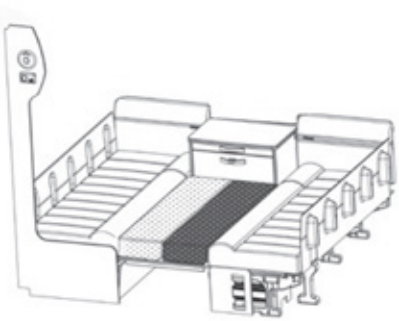
Bed make up

Bed make up in Challenger Grande, Conqueror Grande and Elegance Grande



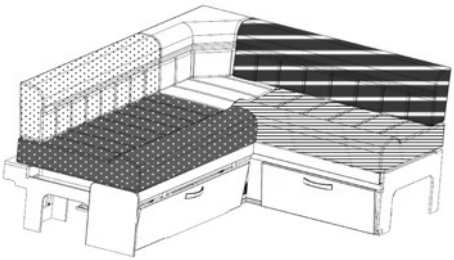


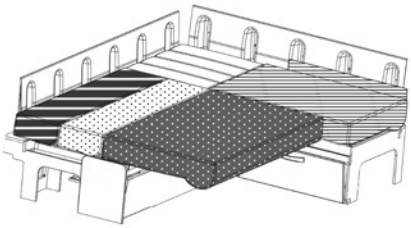




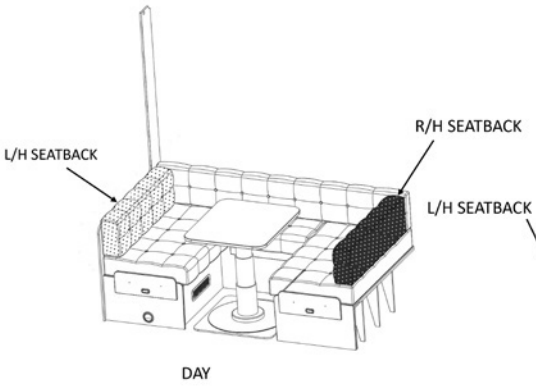
Bed make up

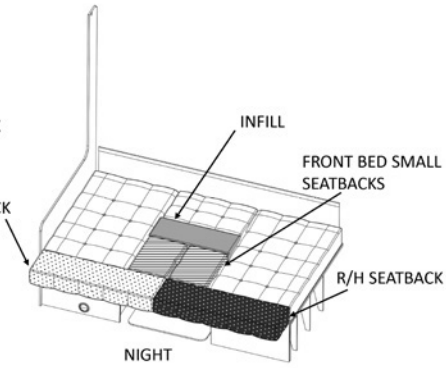
Front "L" Bed make up in Elegance Grande





Bed make up in Challenger Grande mid bed







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