



***SWIFT***

# ***SWIFT GROUP TECHNICAL HANDBOOK***

*TOURING CARAVANS*

Issued September 2022

Part No. 1445890

# Contents

Basecamp Specification .....	4
Sprite Specification .....	6
Sprite Grande Specification .....	8
Challenger Specification .....	10
Challenger SE Specification .....	12
Challenger Grande Specification .....	14
Challenger Grande SE Specification .....	16
Conqueror Specification .....	18
Elegance Grande Specification .....	20
Wiring Diagrams - Road Lighting .....	22
Wiring Diagrams - Consumer Circuits .....	25
Wiring Diagrams - Consumer Circuits - Roof .....	28
Wiring Diagrams - Power Circuits .....	31
Wiring Diagrams - 230V Circuits .....	35
Wiring Diagrams - 13 Pin Socket .....	36
Wiring Diagrams - Cable Colour Chart .....	37
Bulb Replacement .....	38
Dealer Special specifications based on Sprite .....	40
Dealer Special specifications based on Sprite Grande .....	42
Dealer Special specifications based on Challenger .....	44
Dealer Special specifications based on Challenger Grande .....	46
Dealer Special specification based on Conqueror .....	48
Dealer Special specification based on Elegance Grande .....	50
Bed make up .....	51

# Basecamp Specification

Basecamp	Basecamp 2	Basecamp 3
Berths	2	3
Axles	1	1
Internal Length (bed box height)	3.42m / 11'3"	3.91 / 12'10"
Overall Width**	2.28m / 7'6"	2.28m / 7'6"
Overall Height (inc. TV Aerial)**	2.60m / 8'6"	2.61m / 8'7"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	5.10m / 16'9"	5.59m / 18'4"
Mass in Running Order (inc. tolerance)	932kg / 18.3cwt	1020kg / 20.1cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1043kg / 20.5cwt	1146kg / 22.6cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1300kg / 25.6cwt	1450kg / 28.5cwt
Total user Payload	111kg / 2.2cwt	126kg / 2.7cwt
Personal Effects	111kg / 2.2cwt	126kg / 2.7cwt
Options	0kg / 0.0cwt	0kg / 0cwt
Tyre Size	205/70 R15C 106 R	205/70 R15C 106 R
Tyre pressure at Lower limit MTPLM	3.4 bar / 49 psi	3.4 bar / 49 psi
Tyre pressure at Upper limit MTPLM	3.4 bar / 49 psi	3.7 bar / 54 psi
Static Load on Coupling Head	100kg	100kg
Thermal Insulation Grade	THREE	THREE
Bed Sizes		
Front Double	198cm x 183cm / 6'6" x 6'0"	198cm x 130cm / 6'6" x 4'3" Est
or Front Nearside Single	183cm x 69cm / 6'0" x 2'3"	
and Front Offside Single	183cm x 69cm / 6'0" x 2'3"	
Side Bunk Nearside (upper)		
Side Bunk Nearside (lower)		178cm x 62cm / 5'10" x 2'0" Est
Side Bunk Offside (upper)		
Side Bunk Offside (lower)		

**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**

Basecamp 4
4
1
3.91m / 12'10"
2.28m / 7'6"
2.61m / 8'7"
1.95m / 6'5"
5.59m / 18'4"
1030kg / 20.3cwt
1166kg / 23.0cwt
1450kg / 28.5cwt
136kg / 2.7cwt
136kg / 2.7cwt
0kg / 0.0cwt
205/70 R15C 106 R
3.4 bar / 49 psi
3.7 bar / 54 psi
100kg
THREE
198cm x 130cm / 6'6" x 4'3"
178cm x 54cm / 5'10" x 1'9"
178cm x 54cm / 5'10" x 1'9"

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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 Specification

Sprite	Compact	Alpine 2	Alpine 4	Major 4 SB
Berths	2	2	4	4
Axles	1	1	1	1
Internal Length (bed box height)	3.66m / 12'0"	4.34m / 14'3"	4.74m / 15'7"	5.83m / 19'2"
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"	6.45m / 21'2"	7.54m / 24'9"
Awning A / A dimension	7.95m / 26'1"	8.59m / 28'2"	8.99m / 29'6"	10.08m / 33'1"
Mass in Running Order (inc. tolerance)	980kg / 19.3cwt	1097kg / 21.6cwt	1139kg / 22.4cwt	1286kg / 25.3cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1094kg / 21.5cwt	1218kg / 24.0cwt	1284kg / 25.3cwt	1442kg / 28.4cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1200kg / 23.6cwt	1250kg / 24.6cwt	1300kg / 25.6cwt	1500kg / 29.5cwt
Total user Payload	114kg / 2.2cwt	121kg / 2.4cwt	145kg / 2.9cwt	156kg / 3.1cwt
Personal Effects	114kg / 2.2cwt	121kg / 2.4cwt	145kg / 2.9cwt	156kg / 3.1cwt
Options	0kg / 0.0cwt	0kg / 0.0cwt	0kg / 0.0cwt	0kg / 0.0cwt
Tyre Size	185 R14C 102 Q	185 R14C 102 Q	185 R14C 102Q	185 R14C 102Q
Tyre pressure at Lower limit MTPLM	3.4bar / 49psi	3.4 bar / 49 psi	3.6 bar / 52 psi	4.2 bar / 61 psi
Tyre pressure at Upper limit MTPLM	3.4 bar / 49psi	3.5 bar / 51 psi	3.7 bar / 54 psi	4.4 bar / 64 psi
Static Load on Coupling Head	100kg	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE	THREE
<b>Bed Sizes</b>				
Front Double	182cm x 180cm / 6'0" x 5'11"	202cm x 180cm / 6'8" x 5'11"	202cm x 128cm / 6'8" x 4'2"	202cm x 159cm / 6'8" x 5'3"
or Front Nearside Single	180cm x 65cm / 5'11" x 2'2"	190cm x 72cm / 6'3" x 2'4"		159cm x 72cm / 5'3" x 2'4"
and Front Offside Single	180cm x 65cm / 5'11" x 2'2"	180cm x 72cm / 5'11" x 2'4"		159cm x 72cm / 5'3" x 2'4"
Rear Double			189cm x 132cm / 6'2" x 4'4"	185cm x 133cm / 6'1" x 4'4"
Side Single (offside)				
Side Single (nearside)				
Side Bunk (offside)				
Side Bunk (nearside)				
Side Fixed Lower Bunk				
Side Fixed Upper Bunk				

**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**

Major 4 EB	Major 6 TD	Quattro EW	Quattro FB
4	6	6	6
1	1	2	2
5.83m / 19'2"	5.83m / 19'2"	6.27m / 20'7"	6.27m / 20'7"
2.25m / 7'5"	2.25m / 7'5"	2.25m / 7'5"	2.25m / 7'5"
2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"
1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
7.54m / 24'9"	7.54m / 24'9"	7.98m / 26'2"	7.98m / 26'2"
10.08m / 33'1"	10.08m / 33'1"	10.52m / 34'6"	10.52m / 34'6"
1320kg / 26.0cwt	1352kg / 26.6cwt	1430kg / 28.1cwt	1450kg / 28.5cwt
1476kg / 29.1cwt	1528kg / 30.1cwt	1610kg / 31.7cwt	1630kg / 32.1cwt
1500kg / 29.5cwt	1550kg / 30.5cwt	1800kg / 35.4cwt	1800kg / 35.4cwt
156kg / 3.1cwt	176kg / 3.5cwt	180kg / 3.5cwt	180kg / 3.5cwt
156kg / 3.1cwt	176kg / 3.5cwt	180kg / 3.5cwt	180kg / 3.5cwt
0kg / 0.0cwt	0kg / 0.0cwt	0kg / 0.0cwt	0kg / 0.0cwt
185 R14C 102Q	185 R14C 102Q	185 / 70 R14 88T	185 / 70 R14 88T
4.3 bar / 62 psi	4.5 bar / 65 psi	2.0 bar / 29 psi	2.0 bar / 29 psi
4.4 bar / 64 psi	4.5 bar / 65 psi	2.2 bar / 32 psi	2.2 bar / 32 psi
100kg	100kg	100kg	100kg
THREE	THREE	THREE	THREE
202cm x 159cm / 6'8" x 5'3"	202cm x 180cm / 6'8" x 5'11"	206cm x 134cm / 6'9" x 4'5"	202cm x 180cm / 6'8" x 5'11"
159cm x 72cm / 5'3" x 2'4"	190cm x 72cm / 6'3" x 2'4"		180cm x 72cm / 5'11" x 2'4"
159cm x 72cm / 5'3" x 2'4"	180cm x 72cm / 5'11" x 2'4"		190cm x 72cm / 6'3" x 2'4"
190cm x 133cm / 6'3" x 4'4"		194cm x 132cm / 6'4" x 4'4"	192cm x 132cm / 6'4" x 4'4"
		180cm x 62cm / 5'11" x 2'0"	180cm x 62cm / 5'11" x 2'0"
	180cm x 67cm / 5'11" x 2'2"		
		176cm x 59cm / 5'9" x 1'11"	176cm x 59cm / 5'9" x 1'11"
	176cm x 59cm / 5'9" x 1'11"		
	183cm x 57cm / 6'0" x 1'10"		
	183cm x 57cm / 6'0" x 1'10"		

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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 Grande	Major 4 SB Grande	Quattro FB Grande	Quattro DB Grande
Berths	4	6	6
Axles	1	2	2
Internal Length (bed box height)	5.83m / 19' 2"	6.27m / 20' 7"	6.27m / 20' 7"
Overall Width**	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"
Maximum Internal Headroom	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"
Awning A / A dimension	10.20m / 33'6"	10.56m / 34'8"	10.56m / 34'8"
Mass in Running Order (inc. tolerance)	1351kg / 26.6cwt	1524kg / 30.0cwt	1530kg / 30.1cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1507kg / 29.7cwt	1704kg / 33.5cwt	1710kg / 33.7cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1650kg / 32.5cwt	1800kg / 35.4cwt	1800kg / 35.4cwt
Total user Payload	156kg / 3.1cwt	180kg / 3.5cwt	180kg / 3.5cwt
Personal Effects	156kg / 3.1cwt	180kg / 3.5cwt	180kg / 3.5cwt
Options	0kg / 0.0cwt	0kg / 0cwt	0kg / 0cwt
Tyre Size	195/70 R15C 104 R	185 / 70 R14 88T	185 / 70 R14 88T
Tyre pressure at Lower limit MTPLM	4.1 bar / 59 psi	2.0 bar / 29 psi	2.1 bar / 30 psi
Tyre pressure at Upper limit MTPLM	4.5 bar / 65 psi	2.2 bar / 32 psi	2.2 bar / 32 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
Bed Sizes			
Front Double	225cm x 163cm / 7'4" x 5'4"	225cm x 180cm / 7'4" x 5'11"	225cm x 180cm / 7'4" x 5'11"
or Front Nearside Single	163cm x 73cm / 5'4" x 2'5"	180cm x 73cm / 5'11" x 2'5"	180cm x 73cm / 5'11" x 2'5"
and Front Offside Single	163cm x 73cm / 5'4" x 2'5"	180cm x 73cm / 5'11" x 2'5"	180cm x 73cm / 5'11" x 2'5"
Rear Double	185cm x 133cm / 6'1" x 4'4"	196cm x 135cm / 6'5" x 4'5"	190cm x 134cm / 6'3" x 4'5"
Side Double (offside)		190cm x 134cm / 6'3" x 4'5"	190cm x 134cm / 6'3" x 4'5"
Side Fixed Lower Bunk			182cm x 72cm / 6'0" x 2'4"
Side Fixed Upper Bunk			182cm x 72cm / 6'0" x 2'4"

**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**

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Challenger Specification

Challenger	480	560	580
Berths	2	4	4
Axles	1	1	1
Internal Length (bed box height)	4.95m / 16'3"	5.83m / 19'2"	5.83m / 19'2"
Overall Width**	2.28m / 7'6"	2.28m / 7'6"	2.28m / 7'6"
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**	6.66m / 21'10"	7.54m / 24'9"	7.54m / 24'9"
Awning A / A dimension	9.32m / 30'7"	10.20m / 33'6"	10.20m / 33'6"
Mass in Running Order (inc. tolerance)	1278kg / 25.2 cwt Est	1387kg / 27.3cwt Est	1369kg / 26.9cwt Est
Maximum Technical Permissible Laden Mass (Lower limit)	1405kg / 27.7cwt Est	1543kg / 30.4 cwt Est	1525kg / 30.0cwt Est
Maximum Technical Permissible Laden Mass (Upper limit)	1500kg / 29.5cwt	1550kg / 30.5cwt	1550kg / 30.5cwt
Total user Payload	127kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Personal Effects	127kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Options	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt
Tyre Size	185 R14C 102Q	185 R14C 102Q	185 R14C 102Q
Tyre pressure at Lower limit MTPLM	4.0 bar / 58 psi	4.5 bar / 65 psi	4.5 bar / 65 psi
Tyre pressure at Upper limit MTPLM	4.4 bar / 64 psi	4.5 bar / 65 psi	4.5 bar / 65 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	200cm x 186cm / 6'7" x 6'1"	200cm x 168cm / 6'7" x 5'6"	200cm x 168cm / 6'7" x 5'6"
or Front Nearside Single and Front Offside Single	181cm x 67cm / 5'11" x 2'2"		
Rear Double		192cm x 133cm / 6'4" x 4'4"	185cm x 133cm / 6'1" x 4'4"
Side Single (offside)			
Side Bunk (offside)			

**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**

<b>650</b>
4
2
6.27m / 20'7"
2.28m / 7'6"
2.61m / 8'7"
1.95m / 6'5"
7.98m / 26'2"
10.52m / 34'6"
1550kg / 30.5cwt Est
1710kg / 33.7cwt Est
2000kg / 39.4cwt
160kg / 3.1cwt
160kg / 3.1cwt
0.0kg / 0.0cwt
185/70 R14 88 T
2.1 bar / 30 psi
2.5 bar / 36 psi
100kg
THREE
200cm x 156cm / 6'7" x 5'1"
192cm x 133cm / 6'4" x 4'4"

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Challenger SE Specification

Challenger SE	480 SE	560 SE	580 SE
Berths	2	4	4
Axles	1	1	1
Internal Length (bed box height)	4.95m / 16'3"	5.83m / 19'2"	5.83m / 19'2"
Overall Width**	2.28m / 7'6"	2.28m / 7'6"	2.28m / 7'6"
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**	6.66m / 21'10"	7.54m / 24'9"	7.54m / 24'9"
Awning A / A dimension	9.32m / 30'7"	10.20m / 33'6"	10.20m / 33'6"
Mass in Running Order (inc. tolerance)	1308kg / 25.7cwt Est	1447kg / 28.5cwt Est	1429kg / 28.1cwt Est
Maximum Technical Permissible Laden Mass (Lower limit)	1435kg / 28.2cwt Est	1603kg / 31.6cwt Est	1585kg / 31.2cwt Est
Maximum Technical Permissible Laden Mass (Upper limit)	1500kg / 29.5cwt	1650kg / 32.5cwt	1650kg / 32.5cwt
Total user Payload	127kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Personal Effects	127kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Options	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt
Tyre Size	185 R14C 102Q	195/70 R15C 104 R	195/70 R15C 104 R
Tyre pressure at Lower limit MTPLM	4.1 bar / 59 psi	4.4 bar / 64 psi	4.5 bar / 65 psi
Tyre pressure at Upper limit MTPLM	4.4 bar / 64 psi	4.5 bar / 65 psi	4.5 bar / 65 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	200cm x 186cm / 6'7" x 6'1"	200cm x 168cm / 6'7" x 5'6"	200cm x 168cm / 6'7" x 5'6"
or Front Nearside Single and Front Offside Single	181cm x 67cm / 5'11" x 2'2"		
Rear Double		192cm x 133cm / 6'4" x 4'4"	185cm x 133cm / 6'1" x 4'4"
Side Single (offside)			
Side Bunk (offside)			

**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**

<b>650 SE</b>
4
2
6.27m / 20'7"
2.28m / 7'6"
2.61m / 8'7"
1.95m / 6'5"
7.98m / 26'2"
10.52m / 34'6"
1580kg / 31.1cwt Est
1740kg / 34.3cwt Est
2000kg / 39.4cwt
160kg / 3.1cwt
160kg / 3.1cwt
0.0kg / 0.0cwt
185/70 R14 88 T
2.1 bar / 30 psi
2.5 bar / 36 psi
100kg
THREE
200cm x 156cm / 6'7" x 5'1"
192cm x 133cm / 6'4" x 4'4"

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Challenger Grande Specification

Challenger Grande	560 L Grande	580 Grande	635 Grande
Berths	4	4	4
Axles	1	1	2
Internal Length (bed box height)	5.83m / 19'2"	5.83m / 19'2"	6.27m / 20'7"
Overall Width**	2.45m / 8'0"	2.45m / 8'0"	2.45m / 8'0"
Overall Height (inc. TV Aerial)**	2.61m / 8'7"	2.61m / 8'7"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	7.54m / 24'9"	7.54m / 24'9"	7.98m / 26'2"
Awning A / A dimension	10.20m / 33'6"	10.20m / 33'6"	10.52m / 34'6"
Mass in Running Order (inc. tolerance)	1509kg / 29.7cwt Est	1465kg / 28.8cwt Est	1613kg / 31.8cwt Est
Maximum Technical Permissible Laden Mass (Lower limit)	1665kg / 32.8cwt Est	1621kg / 31.9cwt Est	1773kg / 34.9cwt Est
Maximum Technical Permissible Laden Mass (Upper limit)	1750kg / 34.4cwt	1750kg / 34.4cwt	2000kg / 39.4cwt
Total user Payload	156kg / 3.1cwt	156kg / 3.1cwt	160kg / 3.1cwt
Personal Effects	156kg / 3.1cwt	156kg / 3.1cwt	160kg / 3.1cwt
Options	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt
Tyre Size	195 / 70 R15C 104 R	195 / 70 R15C 104 R	185 / 70 R14 88 T
Tyre pressure at Lower limit MTPLM	4.5 bar / 65 psi	4.5 bar / 65 psi	2.1 bar / 30 psi
Tyre pressure at Upper limit MTPLM	4.5 bar / 65 ps	4.5 bar / 65 psi	2.5 bar / 36 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	194cm x 122cm / 6'4" x 4'0"	218cm x 168cm / 7'2" x 5'6"	218cm x 158cm / 7'2" x 5'6"
Front Single Nearside		159cm x 73cm / 5'3" x 2'4"	159cm x 73cm / 5'3" x 2'4"
Front Single Offside		159cm x 73cm / 5'3" x 2'4"	159cm x 73cm / 5'3" x 2'4"
Side Fixed Lower Bunk			
Side Fixed Upper Bunk			
Rear Double	192cm x 143cm / 6'4" x 4'8"	187cm x 133cm / 6'2" x 4'4"	187cm x 133cm / 6'2" x 4'4"

**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**

650 L Grande	670 Grande
4	6
2	2
6.27m / 20'7"	6.27m / 20'7"
2.45m / 8'0"	2.45m / 8'0"
2.59m / 8'6"	2.59m / 8'6"
1.95m / 6'5"	1.95m / 6'5"
7.98m / 26'2"	7.98m / 26'2"
10.52m / 34'6"	10.52m / 34'6"
1605kg / 31.6cwt Est	1610kg / 31.7cwt Est
1765kg / 34.7cwt Est	1790kg / 35.2cwt Est
2000.0kg / 39.4cwt	2000.0kg / 39.4cwt
160kg / 3.1cwt	180kg / 3.5cwt
160kg / 3.1cwt	180kg / 3.5cwt
0.0kg / 0.0cwt	0.0kg / 0.0cwt
185 / 70 R14 88 T	185 / 70 R14 88 T
2.1 bar / 30 psi	2.2 bar / 32 psi
2.5 bar / 36 psi	2.5 bar / 36 psi
100kg	100kg
THREE	THREE
194cm x 122cm / 6'4" x 4'0"	218cm x 178cm / 7'2" x 5'10" Est
	182cm x 73cm / 6'0" x 2'4" Est
	182cm x 73cm / 6'0" x 2'4" Est
	187cm x 57cm / 6'1" x 1'10" Est
	187cm x 57cm / 6'1" x 1'10" Est
192cm x 143cm / 6'4" x 4'8"	190cm x 122cm / 6'3" x 4'0" Est

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Challenger Grande SE Specification

Challenger Grande SE	560 L Grande SE	580 Grande SE	635 Grande SE
Berths	4	4	4
Axles	1	1	2
Internal Length (bed box height)	5.83m / 19'2"	5.83m / 19'2"	6.27m / 20'7"
Overall Width**	2.45m / 8'0"	2.45m / 8'0"	2.45m / 8'0"
Overall Height (inc. TV Aerial)**	2.61m / 8'7"	2.61m / 8'7"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	7.54m / 24'9"	7.54m / 24'9"	7.98m / 26'2"
Awning A / A dimension	10.20m / 33'6"	10.20m / 33'6"	10.52m / 34'6"
Mass in Running Order (inc. tolerance)	1549kg / 30.5cwt Est	1505kg / 29.6cwt Est	1653kg / 32.5cwt Est
Maximum Technical Permissible Laden Mass (Lower limit)	1705kg / 33.6cwt Est	1661kg / 32.7cwt Est	1813kg / 35.7cwt Est
Maximum Technical Permissible Laden Mass (Upper limit)	1750kg / 34.4cwt	1750kg / 34.4cwt	2000kg / 39.4cwt
Total user Payload	156kg / 3.1cwt	156kg / 3.1cwt	160kg / 3.1cwt
Personal Effects	156kg / 3.1cwt	156kg / 3.1cwt	160kg / 3.1cwt
Options	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt
Tyre Size	195 / 70 R15C 104 R	195 / 70 R15C 104 R	185 / 70 R14 88 T
Tyre pressure at Lower limit MTPLM	4.5 bar / 65 psi	4.5 bar / 65 psi	2.2bar / 32 psi
Tyre pressure at Upper limit MTPLM	4.5 bar / 65 ps	4.5 bar / 65 psi	2.5 bar / 36 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	194cm x 122cm / 6'4" x 4'0"	218cm x 168cm / 7'2" x 5'6"	218cm x 158cm / 7'2" x 5'6"
Front Single Nearside		159cm x 73cm / 5'3" x 2'4"	159cm x 73cm / 5'3" x 2'4"
Front Single Offside		159cm x 73cm / 5'3" x 2'4"	159cm x 73cm / 5'3" x 2'4"
Side Fixed Lower Bunk			
Side Fixed Upper Bunk			
Rear Double	192cm x 143cm / 6'4" x 4'8"	187cm x 133cm / 6'2" x 4'4"	187cm x 133cm / 6'2" x 4'4"

**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**

650 Grande SE	670 Grande SE
4	6
2	2
6.27m / 20'7"	6.27m / 20'7"
2.45m / 8'0"	2.45m / 8'0"
2.59m / 8'6"	2.59m / 8'6"
1.95m / 6'5"	1.95m / 6'5"
7.98m / 26'2"	7.98m / 26'2"
10.52m / 34'6"	10.52m / 34'6"
1645kg / 32.4cwt Est	1640kg / 32.3cwt Est
1805kg / 35.5cwt Est	1820kg / 35.8cwt Est
2000.0kg / 39.4cwt	2000.0kg / 39.4cwt
160kg / 3.1cwt	180kg / 3.5cwt
160kg / 3.1cwt	180kg / 3.5cwt
0.0kg / 0.0cwt	0.0kg / 0.0cwt
185 / 70 R14 88 T	185 / 70 R14 88 T
2.1 bar / 30 psi	2.2 bar / 32 psi
2.5 bar / 36 psi	2.5 bar / 36 psi
100kg	100kg
THREE	THREE
194cm x 122cm / 6'4" x 4'0"	218cm x 178cm / 7'2" x 5'10" Est
	182cm x 73cm / 6'0" x 2'4" Est
	182cm x 73cm / 6'0" x 2'4" Est
	187cm x 57cm / 6'1" x 1'10" Est
	187cm x 57cm / 6'1" x 1'10" Est
192cm x 143cm / 6'4" x 4'8"	190cm x 122cm / 6'3" x 4'0" Est

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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	560	580
Berths	2	4	4
Axles	1	1	1
Internal Length (bed box height)	4.98m / 16'4"	5.93m / 19'5"	5.93m / 19'5"
Overall Width*	2.28m / 7'6"	2.28m / 7'6"	2.28m / 7'6"
Overall Height (inc. TV Aerial)*	2.59m / 8'6"	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*	6.59m / 21'7"	7.54m / 24'9"	7.54m / 24'9"
Awning A / A dimension	9.28m / 30'5"	10.30m / 33'10"	10.30m / 33'10"
Mass in Running Order (inc. tolerance)	1351kg / 26.6cwt Est	1558kg / 30.7cwt Est	1530kg / 30.1cwt Est
Maximum Technical Permissible Laden Mass (Lower limit)	1477kg / 29.1cwt Est	1714kg / 33.7cwt Est	1686kg / 33.2cwt Est
Maximum Technical Permissible Laden Mass (Upper limit)	1500kg / 29.5cwt	1750kg / 34.4cwt	1750kg / 34.4cwt
Total user Payload	126kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Personal Effects	126kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Options	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt
Tyre Size	185 R14C 102 Q	195 / 70 R15C 104 R	195 / 70 R15C 104 R
Tyre pressure at Lower limit MTPLM	4.3 bar / 62 psi	4.5 bar / 65 psi	4.5 bar / 65 psi
Tyre pressure at Upper limit MTPLM	4.4 bar / 64 psi	4.5 bar / 65 psi	4.5 bar / 65 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	200cm x 186cm / 6'7" x 6'1"	200cm x 158cm / 6'7" x 5'2"	200cm x 168cm / 6'7" x 5'6"
or Front Nearside Single and Front Offside Single	181cm x 67cm / 5'11" x 2'2"		
Rear Double		192cm x 133cm / 6'4" x 4'4"	182cm x 133cm / 6'0" x 4'4"
Side Single (offside)			
Side Single (nearside)			

**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**

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Elegance Grande Specification

Elegance Grande	835	845	850
Berths	4	4	4
Axles	2	2	2
Internal Length (bed box height)	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"
Overall Height (inc. TV Aerial)*	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"
Overall Length*	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"
Mass in Running Order (inc. tolerance)	1866kg / 36.7cwt	1850kg / 36.4cwt	1866kg / 36.7cwt
Maximum Technical Permissible Laden Mass (Lower limit)	2067kg / 40.7cwt	2051kg / 40.4cwt	2067kg / 40.7cwt
Maximum Technical Permissible Laden Mass (Upper limit)	2250kg / 44.3cwt	2250kg / 44.3cwt	2250kg / 44.3cwt
Total user Payload	201kg / 4.0cwt	201kg / 4.0cwt	201kg / 4.0cwt
Personal Effects	160kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt
Options	41kg / 0.8cwt	41kg / 0.8cwt	41kg / 0.8cwt
Tyre Size	185/65 R15 92XL	185/65 R15 92XL	185/65 R15 92XL
Tyre pressure at Lower limit MTPLM	3.0 bar / 44 psi	3.0 bar / 44 psi	3.0 bar / 44 psi
Tyre pressure at Upper limit MTPLM	3.5 bar / 51 psi	3.5 bar / 51 psi	3.5 bar / 51 psi
Static Load on Coupling Head	120kg	120kg	120kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	218cm x 126cm / 72" x 42"	218cm x 126cm / 72" x 42"	194cm x 122cm / 64" x 40"
or Front Nearside Single and Front Offside Single			
Rear Double	192cm x 133cm / 64" x 44"	192cm x 133cm / 64" x 44"	192cm x 143cm / 64" x 48"

**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**

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

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

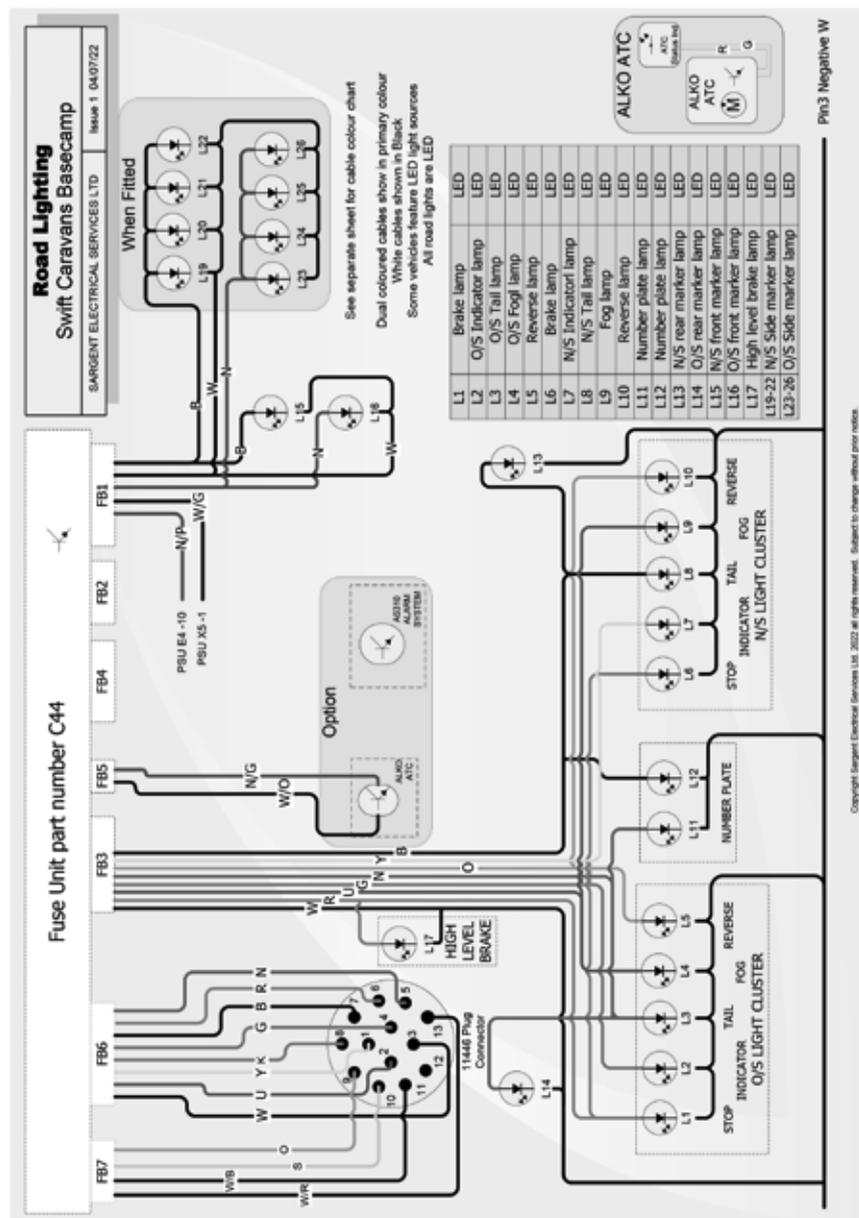
Customers should verify the actual dimensions of their touring caravan before committing to anything that could be impacted by these dimensions

**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.

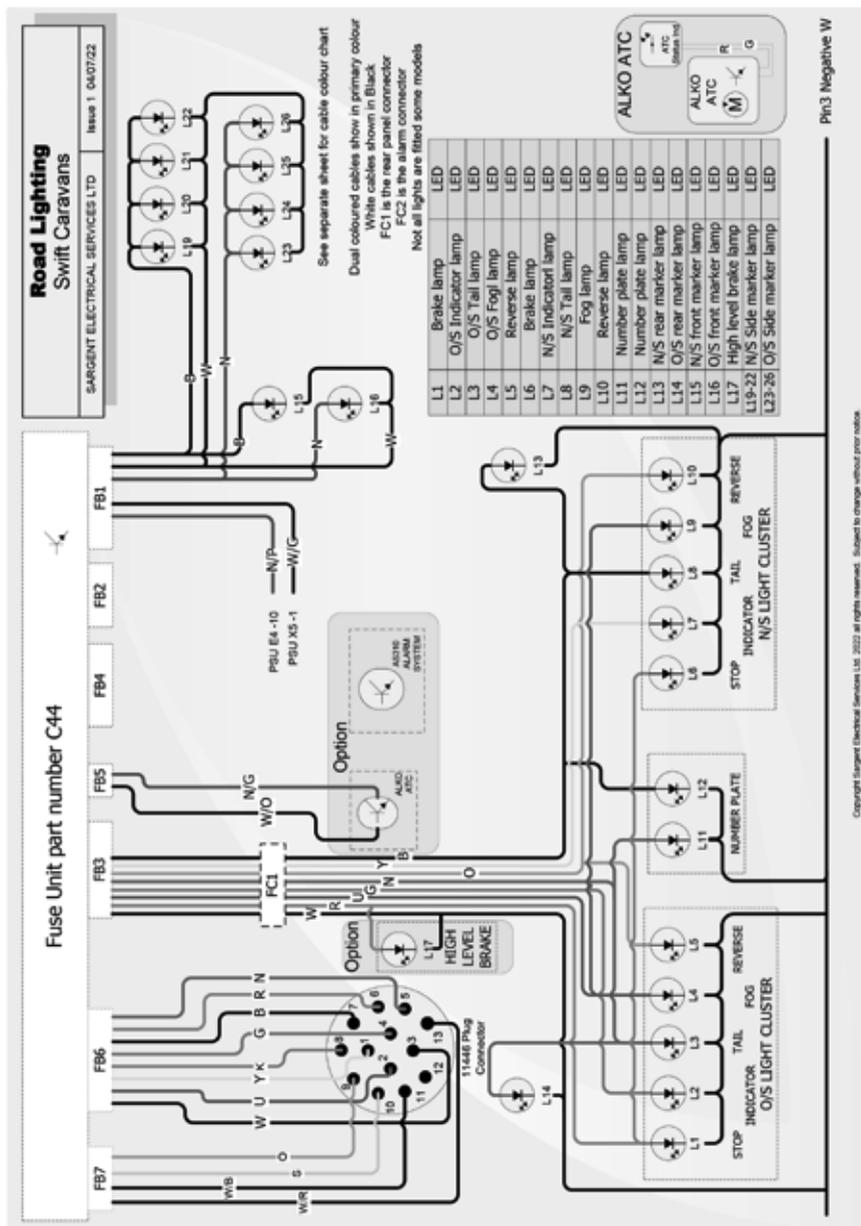
# Wiring Diagrams - Road Lighting

## Basecamp



# Wiring Diagrams - Road Lighting

Sprite, Sprite Super, Challenger, Challenger X, Conqueror and Elegance









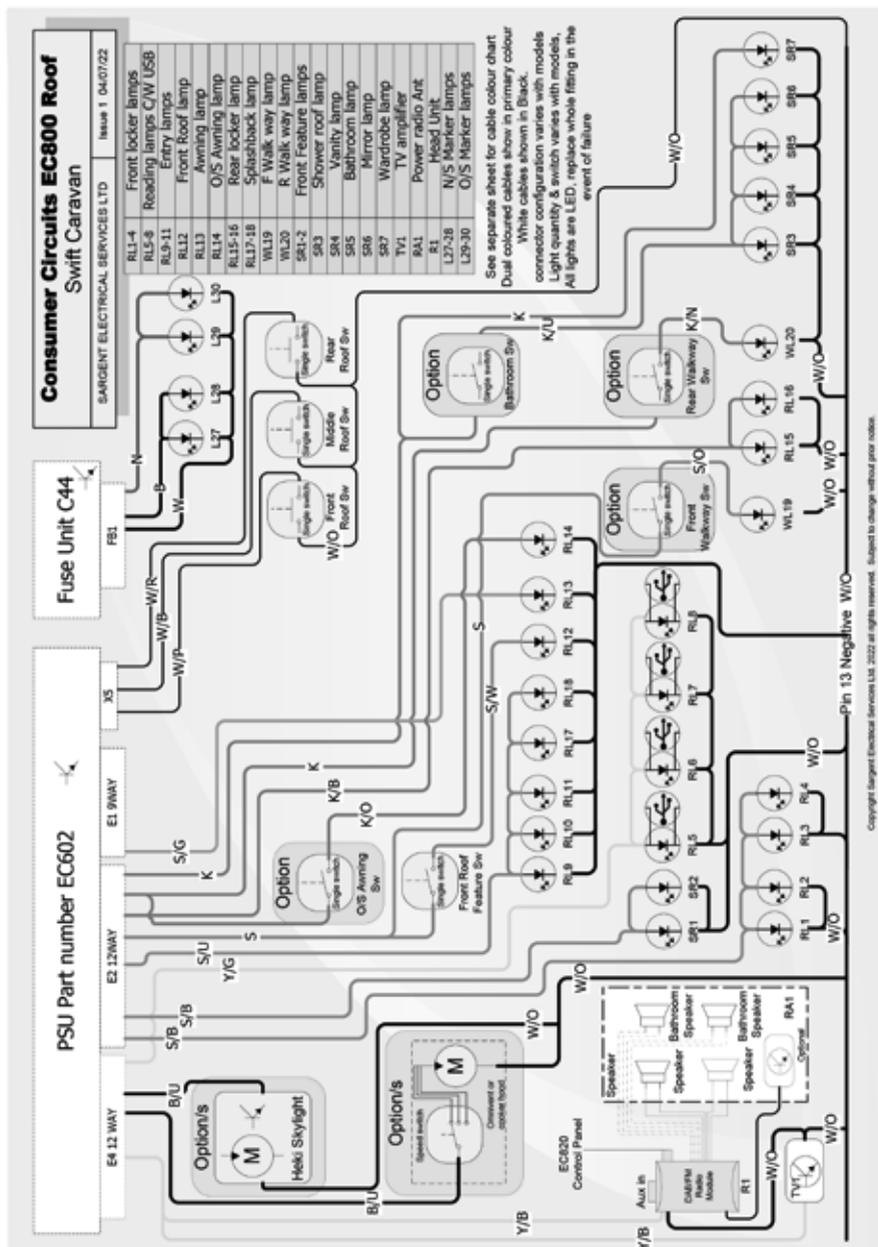






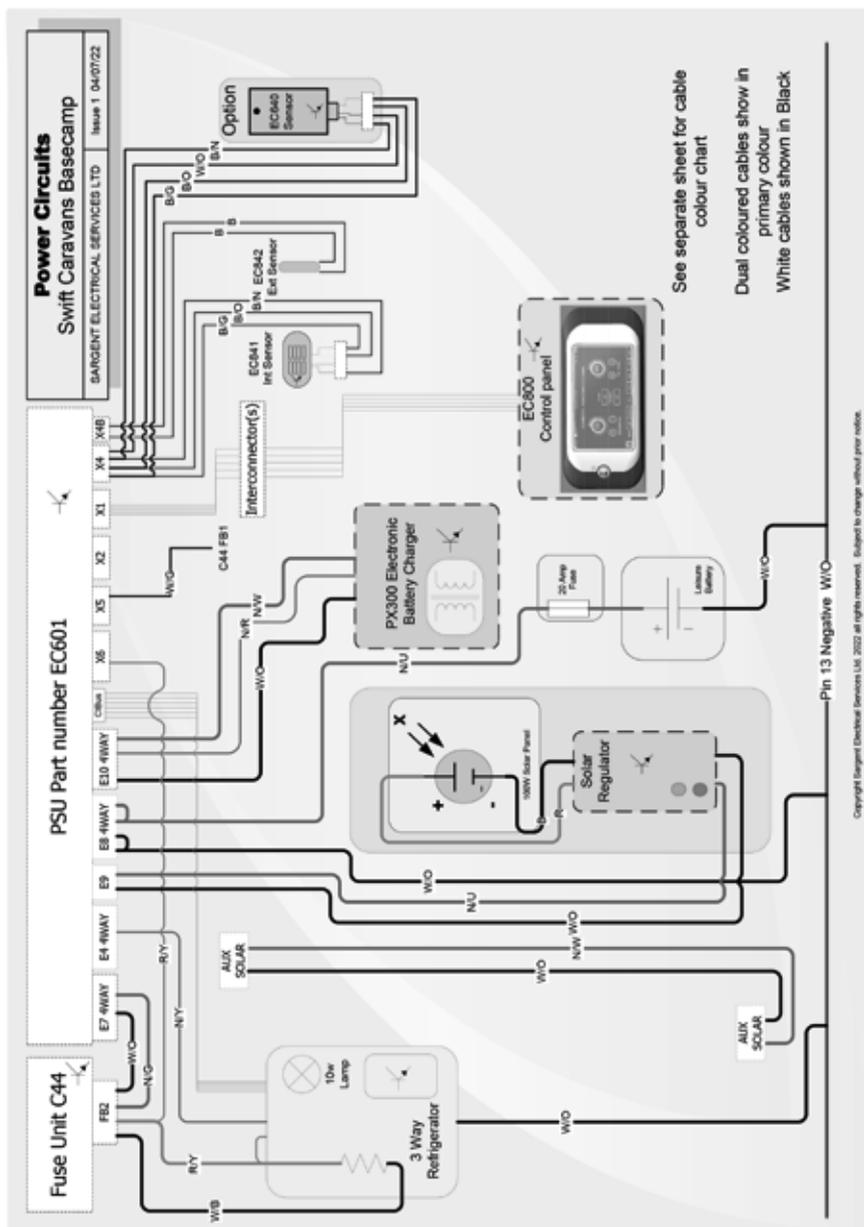
# Wiring Diagrams - Consumer Circuits - Roof

## Conqueror and Elegance Grande



# Wiring Diagrams - Power Circuits

## Basecamp











# Wiring Diagrams - 13 Pin Socket

## ISO 11446 Circuits

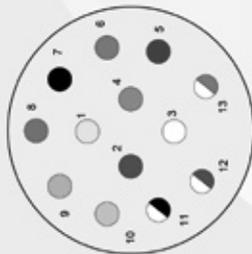
Swift Group Caravans (where applicable)

SARGENT ELECTRICAL SERVICES LTD Issue 01 04/07/22

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



11446 Plug Connector viewed from cable entry on plug



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

# Wiring Diagrams - Cable Colour Chart

Example



**Y/U**

Yellow cable with Blue stripe

## Cable Colour Chart

Swift range

SARGENT ELECTRICAL SERVICES LTD Issue 1 04/07/22

### 12V Cable Colours

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

### 230V Cable Colours

<b>B</b>	BLACK
<b>N</b>	BROWN
<b>W</b>	WHITE
<b>O</b>	ORANGE
<b>Y</b>	YELLOW
<b>G</b>	GREEN
<b>U</b>	BLUE

Copyright Sargent Electrical Services Ltd. 2022 all rights reserved. Subject to change without prior notice.

# 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 specifications based on Sprite

Based on Sprite	Compact	Alpine 2	Alpine 4	Major 4 SB
<b>Dealer</b>				
KIMBERLEY	ICON COMPACT	ICON 2	ICON 4	ICON T4
WANDAHOME	HARMONY	AMBASSADOR	ENVOY	DIPLOMAT
COUPLANDS	FINESSE 400	FINESSE 480	FINESSE 500	FINESSE 580
LOWDHAM	FREESTYLE S COMPACT	FREESTYLE S2	FREESTYLE S4	FREESTYLE S4SB
PRESTON	KUDOS 350	KUDOS 440	KUDOS 470	KUDOS 530SB
BROADLANE	FAIRWAY COMPACT	FAIRWAY 460	FAIRWAY 470	FAIRWAY 580
GRANTHAM	SIENA COMPACT	SIENA 2	SIENA 4	SIENA 4SB
3A's	CHARISMA 360	CHARISMA 460	CHARISMA 470	CHARISMA 580
SUSSEX	ASHURST SPORT	CHILGROVE SPORT	GOODWOOD SPORT	FINDON SPORT
YC LEISURE	EXCLUSIVE COMPACT	EXCLUSIVE 2	EXCLUSIVE 4	EXCLUSIVE 4SB
LEISURE SALES	MARBURY COMPACT	MARBURY	DARESBURY	ASTBURY
SWINDON	VOGUE COMPACT	VOGUE 480	VOGUE 510	VOGUE 580
DUNCANS		MORVEN	BEN MORE	BEN NEVIS
WHITE ARCHES	LOWICK	WOODFORD	HARTWELL	TWYWELL
GLOSSOP	CELEBRATE IONA	CELEBRATE A2	CELEBRATE A4	CELEBRATE 4SB
TORKSEY		AVENTURAA2	AVENTURAA4	AVENTURA M4SB
KIRKALDY			EUROPA 510	EUROPA 580
MG CARAVANS	ACCORD 380	ACCORD 480	ACCORD 510	ACCORD 580
TAMAR	MAYFLOWER 400	MAYFLOWER 480	MAYFLOWER 510	MAYFLOWER 580
ROBINSONS	SUNRISE COMPACT	SUNRISE 480	SUNRISE 510	SUNRISE 580
TEESIDE	CONTINENTAL COMPACT	CONTINENTAL 480	CONTINENTAL 510	CONTINENTAL 580
SPINNEY	SPINNEY COMPACT VOGUE	SPINNEY ALPINE 2	SPINNEY ALPINE 4	SPINNEY MAJOR 4 SB
NELSON - NZ		UTOPIA 480	UTOPIA 510	UTOPIA 580
Berths	2	2	4	4
Axles	1	1	1	1
Internal Length (bed box height)	3.66m / 12'0"	4.34m / 14'3"	4.74m / 15'7"	5.83m / 19'2"
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"	6.45m / 21'2"	7.54m / 24'9"
Awning A / A dimension	7.95m / 26'1"	8.59m / 28'2"	8.99m / 29'6"	10.08m / 33'1"
Mass in Running Order (inc. tolerance)	995kg / 19.6cwt	1112kg / 21.9cwt	1154kg / 22.7cwt	1306kg / 25.7cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1109kg / 21.8cwt	1233kg / 24.3cwt	1300kg / 25.6cwt	1462kg / 28.8cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1200kg / 23.6cwt	1250kg / 24.6cwt	1300kg / 25.6cwt	1500kg / 29.5cwt
Total user Payload	114kg / 2.2cwt	121kg / 2.4cwt	146kg / 2.9cwt	156kg / 3.1cwt
Personal Effects	114kg / 2.2cwt	121kg / 2.4cwt	145kg / 2.9cwt	156kg / 3.1cwt
Options	0kg / 0.0cwt	0kg / 0cwt	0kg / 0cwt	0kg / 0cwt
Tyre Size	185 R14C 102 Q	185 R14C 102Q	185 R14C 102Q	185 R14C 102Q
Tyre pressure at Lower limit MTPLM	3.4bar / 49psi	3.4 bar / 49 psi	3.7 bar / 54 psi	4.2 bar / 61 psi
Tyre pressure at Upper limit MTPLM	3.4bar / 49psi	3.5 bar / 51 psi	3.7 bar / 54 psi	4.4 bar / 64 psi
Static Load on Coupling Head	100kg	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE	THREE
<b>Bed Sizes</b>				
Front Double	182cm x 180cm / 6'0" x 5'11"	202cm x 180cm / 6'8" x 5'11"	202cm x 128cm / 6'8" x 4'2"	202cm x 159cm / 6'8" x 5'3"
or Front Nearside Single	180cm x 65cm / 5'11" x 2'2"	190cm x 72cm / 6'3" x 2'4"		159cm x 72cm / 5'3" x 2'4"
and Front Offside Single	180cm x 65cm / 5'11" x 2'2"	180cm x 72cm / 5'11" x 2'4"		159cm x 72cm / 5'3" x 2'4"
Rear Double			189cm x 132cm / 6'2" x 4'4"	185cm x 133cm / 6'1" x 4'4"
Side Single (offside)				
Side Single (nearside)				
Side Bunk (offside)				
Side Bunk (nearside)				
Side Fixed Lower Bunk				
Side Fixed Upper Bunk				

**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**

Major 4 EB	Major 6 TD	Quattro EW	Quattro FB
ICON I4		ICON T6 L	ICON T6
GLOBETROTTER	VISCOUNT	PIONEER	PRESTIGE
FINESSE 560	FINESSE 590		
FREESTYLE S4EB	FREESTYLE S6TD		
KUDOS 530EB			KUDOS 630FB
FAIRWAY 560	FAIRWAY 590		
SIENA 4 EB	SIENA 6TD	SIENA 6EW	SIENA 6FB
CHARISMA 560	CHARISMA 590	CHARISMA 630	CHARISMA 625
AMBERLEY SPORT	WASHINGTON SPORT		
EXCLUSIVE 4EB	EXCLUSIVE 6TD	EXCLUSIVE 6EW	EXCLUSIVE 6FB
HENBURY	PRESTBURY	WRENBURY L	
VOGUE 560	VOGUE 590		
CAIRNGORM	CULMOR		
ROCKINGHAM	COTTINGHAM		
CELEBRATE 4EB	CELEBRATE 6TD	CELEBRATE 6EW	CELEBRATE 6FB
AVENTURA M4EB	AVENTURA M6TD	AVENTURA Q6EW	AVENTURA Q6FB
EUROPA 560	EUROPA 590		
ACCORD 560	ACCORD 590	ACCORD 630	
MAYFLOWER 560	MAYFLOWER 590	MAYFLOWER 630	
SUNRISE 560	SUNRISE 590		
CONTINENTAL 560	CONTINENTAL 590	CONTINENTAL 630	CONTINENTAL 620
SPINNEY MAJOR 4 EB	SPINNEY MAJOR 6TD		
UTOPIA 560		UTOPIA 630	
4	6	6	6
1	1	2	2
5.83m / 19'2"	5.83m / 19'2"	6.27m / 20'7"	6.27m / 20'7"
2.25m / 7'5"	2.25m / 7'5"	2.25m / 7'5"	2.25m / 7'5"
2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"	2.59m / 8'6"
1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
7.54m / 24'9"	7.54m / 24'9"	7.98m / 26'2"	7.98m / 26'2"
10.08m / 33'1"	10.08m / 33'1"	10.52m / 34'6"	10.52m / 34'6"
1344kg / 26.5cwt	1374kg / 27.0cwt	1460kg / 28.7cwt	1470kg / 28.9cwt
1500kg / 29.5cwt	1550kg / 30.5cwt	1640kg / 32.3cwt	1650kg / 32.5cwt
1500kg / 29.5cwt	1550kg / 30.5cwt	1800kg / 35.4cwt	1800kg / 35.4cwt
156kg / 3.1cwt	176kg / 3.5cwt	180kg / 3.5cwt	180kg / 3.5cwt
156kg / 3.1cwt	176kg / 3.5cwt	180kg / 3.5cwt	180kg / 3.5cwt
0kg / 0cwt	0kg / 0cwt	0kg / 0cwt	0kg / 0cwt
185 R14C 102Q	185 R14C 102Q	185 / 70 R14 88T	185 / 70 R14 88T
4.4 bar / 64 psi	4.5 bar / 65 psi	2.0 bar / 29 psi	2.0 bar / 29 psi
4.4 bar / 64 psi	4.5 bar / 65 psi	2.2 bar / 32 psi	2.2 bar / 32 psi
100kg	100kg	100kg	100kg
THREE	THREE	THREE	THREE
202cm x 159cm / 6'8" x 5'3"	202cm x 180cm / 6'8" x 5'11"	206cm x 134cm / 6'9" x 4'5"	202cm x 180cm / 6'8" x 5'11"
159cm x 72cm / 5'3" x 2'4"	190cm x 72cm / 6'3" x 2'4"		180cm x 72cm / 5'11" x 2'4"
159cm x 72cm / 5'3" x 2'4"	180cm x 72cm / 5'11" x 2'4"		190cm x 72cm / 6'3" x 2'4"
190cm x 133cm / 6'3" x 4'4"		194cm x 132cm / 6'4" x 4'4"	192cm x 132cm / 6'4" x 4'4"
		180cm x 62cm / 5'11" x 2'0"	180cm x 62cm / 5'11" x 2'0"
	180cm x 67cm / 5'11" x 2'2"		
		176cm x 59cm / 5'9" x 1'11"	176cm x 59cm / 5'9" x 1'11"
	176cm x 59cm / 5'9" x 1'11"		
	183cm x 57cm / 6'0" x 1'10"		
	183cm x 57cm / 6'0" x 1'10"		

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Dealer Special specifications based on Sprite Grande

Based on	Sprite Major 4SB Grande	Sprite Quattro FB Grande	Sprite Quattro DB Grande
<b>Dealer</b>			
KIMBERLEY	ICON T4/8	ICON FB/8	
WANDAHOME	DAYSTAR	NIGHTSTAR	SUPERSTAR
COUPLANDS	FINESSE 880	FINESSE 825	
LOWDHAM	FREESTYLE GRANDE SB4		FREESTYLE GRANDE TWIN DB
PRESTON	KUDOS 830SB	KUDOS 830FB	KUDOS 830DB
BROADLANE	FAIRWAY GRANDE 580		
GRANTHAM	SIENA 4SB GRANDE	SIENA 6FB GRANDE	SIENA 6DB GRANDE
3A'S	CHARISMA 580 GRANDE	CHARISMA 625 GRANDE	CHARISMA 615 GRANDE
SUSSEX	FINDON SPORT GRANDE		
YC LEISURE	EXCLUSIVE 4SB GRANDE	EXCLUSIVE 6FB GRANDE	EXCLUSIVE 6DB GRANDE
LEISURE SALES	ASTBURY SBN		
SWINDON	VOGUE 580 GRANDE		
DUNCANS	CUILLIN	BEN VORLICH	
WHITE ARCHES	TWYWELL X	CALDECOTT	HARRINGWORTH
GLOSSOP	CELEBRATE GRANDE 4SB	CELEBRATE GRANDE QFB	CELEBRATE GRANDE QDB
TORKSEY	AVENTURA SM4FB	AVENTURA S06FB	AVENTURA S06DB
KIRKALDY	EUROPA 880 GRANDE	EUROPA 840 GRANDE	EUROPA 866 GRANDE
MG CARAVANS	ACCORD 880	ACCORD 820	ACCORD 825
TAMAR	MAYFLOWER 880	MAYFLOWER 830	
ROBINSONS	SUNRISE 880		
TEESIDE	CONTINENTAL 880	CONTINENTAL 830	CONTINENTAL 825
SPINNEY	SPINNEY MAJOR 4SB GRANDE		SPINNEY QUATTRO DB GRANDE
Berths	4	6	6
Axles	1	2	2
Internal Length (bed box height)	5.83m / 19' 2"	6.27m / 20' 7"	6.27m / 20' 7"
Overall Width**	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"
Maximum Internal Headroom	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"
Awning A / A dimension	10.20m / 33'6"	10.56m / 34'8"	10.56m / 34'8"
Mass in Running Order (inc. tolerance)	1381kg / 27.2cwt	1545kg / 30.4cwt	1551kg / 30.5cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1537kg / 30.3cwt	1725kg / 34.0cwt	1731kg / 34.1cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1650kg / 32.5cwt	1800kg / 35.4cwt	1800kg / 35.4cwt
Total user Payload	156kg / 3.1cwt	180kg / 3.5cwt	180kg / 3.5cwt
Personal Effects	156kg / 3.1cwt	180kg / 3.5cwt	180kg / 3.5cwt
Options	0kg / 0.0cwt	0kg / 0cwt	0kg / 0cwt
Tyre Size	195/70 R15C 104 R	185 / 70 R14 88T	185 / 70 R14 88T
Tyre pressure at Lower limit MTPLM	42 bar / 61 psi	2.1 bar / 30 psi	2.1 bar / 30 psi
Tyre pressure at Upper limit MTPLM	4.5 bar / 65 psi	2.2 bar / 32 psi	2.2 bar / 32 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	225cm x 163cm / 7'4" x 5'4"	225cm x 180cm / 7'4" x 5'11"	225cm x 180cm / 7'4" x 5'11"
or Front Nearside Single	163cm x 73cm / 5'4" x 2'5"	180cm x 73cm / 5'11" x 2'5"	180cm x 73cm / 5'11" x 2'5"
and Front Offside Single	163cm x 73cm / 5'4" x 2'5"	180cm x 73cm / 5'11" x 2'5"	180cm x 73cm / 5'11" x 2'5"
Rear Double	185cm x 133cm / 6'1" x 4'4"	196cm x 135cm / 6'5" x 4'5"	190cm x 134cm / 6'3" x 4'5"
Side Double (offside)		190cm x 134cm / 6'3" x 4'5"	190cm x 134cm / 6'3" x 4'5"
Side Fixed Lower Bunk			182cm x 72cm x 6'0" x 2'4"
Side Fixed Upper Bunk			182cm x 72cm x 6'0" x 2'4"

**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:

- 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.
- 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**

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Dealer Special specifications based on Challenger

Based on Challenger	480	560	580
<b>Dealer</b>			
BROADLANE	PLATINUM FAIRWAY 480	PLATINUM FAIRWAY 560	PLATINUM FAIRWAY 580
LOWDHAM	HI-STYLE 480	HI-STYLE 560	HI-STYLE 580
WANDAHOME	CORNICHE 16/2	CORNICHE 19/4	CORNICHE 20/4
GRANTHAM	ELITE 480	ELITE 560	ELITE 580
GLOSSOP	CELEBRATION 480	CELEBRATION 560	CELEBRATION 580
KIMBERLEY	TREND 480	TREND 560	TREND 580
3A's	GTS 480	GTS 560	GTS 580
Berths	2	4	4
Axles	1	1	1
Internal Length (bed box height)	4.95m / 16'3"	5.83m / 19'2"	5.83m / 19'2"
Overall Width**	2.28m / 7'6"	2.28m / 7'6"	2.28m / 7'6"
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**	6.66m / 21'10"	7.54m / 24'9"	7.54m / 24'9"
Awning A / A dimension	9.32m / 30'7"	10.20m / 33'6"	10.20m / 33'6"
Mass in Running Order (inc. tolerance)	1308kg / 25.7cwt Est	1447kg / 28.5cwt Est	1429kg / 28.1cwt Est
Maximum Technical Permissible Laden Mass (Lower limit)	1435kg / 28.2cwt Est	1603kg / 31.6cwt Est	1585kg / 31.2cwt Est
Maximum Technical Permissible Laden Mass (Upper limit)	1500kg / 29.5cwt	1650kg / 32.5cwt	1650kg / 32.5cwt
Total user Payload	127kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Personal Effects	127kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Options	0kg / 0cwt	0kg / 0cwt	0kg / 0cwt
Tyre Size	185 R14C 102Q	195 / 70 R15C 104R	195 / 70 R15C 104R
Tyre pressure at Lower limit MTPLM	4.1 bar / 59 psi	4.4 bar / 64 psi	4.4 bar / 64 psi
Tyre pressure at Upper limit MTPLM	4.4 bar / 64 psi	4.5 bar / 65 psi	4.5 bar / 65 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	200cm x 186cm / 6'7" x 6'1"	200cm x 168cm / 6'7" x 5'6"	200cm x 168cm / 6'7" x 5'6"
or Front Nearside Single and Front Offside Single	181cm x 67cm / 5'11" x 2'2"		
Rear Double	171cm x 67cm / 5'7" x 2'2"	192cm x 133cm / 6'4" x 4'4"	185cm x 133cm / 6'1" x 4'4"

**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**

<b>650</b>
CORNICHE 23/4
ELITE 650
CELEBRATION 650
TREND 650
GTS 650
4
2
6.27m / 20'7"
2.28m / 7'6"
2.61m / 8'7"
1.95m / 6'5"
7.98m / 26'2"
10.52m / 34'6"
1580kg / 31.1cwt Est
1740kg / 34.3cwt Est
2000kg / 39.4cwt
160kg / 3.1cwt
160kg / 3.1cwt
0kg / 0cwt
185 / 70 R14 88T
2.1 bar / 30 psi
2.5 bar / 36 psi
100kg
THREE
200cm x 156cm / 67" x 51"
192cm x 133cm / 64" x 44"

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Dealer Special specifications based on Challenger Grande

Based on Challenger Grande	560 L	580	635
<b>Dealer</b>			
BROADLANE	PLATINUM FAIRWAY 560L	PLATINUM FAIRWAY 580	
LOWDHAM	HI-STYLE GRANDE 560L	HI-STYLE GRANDE 580	HI-STYLE GRANDE 635
WANDAHOME	CORNICHE 19/8	CORNICHE 20/8	CORNICHE 21/8
GRANTHAM	ELITE GRANDE 560L	ELITE GRANDE 580	ELITE GRANDE 635
GLOSSOP	CELEBRATION GRANDE 560L	CELEBRATION GRANDE 580	CELEBRATION GRANDE 635
KIMBERLEY	TREND GRANDE 560L	TREND GRANDE 580	TREND GRANDE 635
3A's	GTS GRANDE 560L	GTS GRANDE 580	GTS GRANDE 635
Berths	4	4	4
Axles	1	1	2
Internal Length (bed box height)	5.83m / 19'2"	5.83m / 19'2"	6.27m / 20'7"
Overall Width**	2.45m / 8'0"	2.45m / 8'0"	2.45m / 8'0"
Overall Height (inc. TV Aerial)**	2.61m / 8'7"	2.61m / 8'7"	2.59m / 8'6"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length**	7.54m / 24'9"	7.54m / 24'9"	7.98m / 26'2"
Awning A / A dimension	10.20m / 33'6"	10.20m / 33'6"	10.52m / 34'6"
Mass in Running Order (inc. tolerance)	1549kg / 30.7cwt Est	1505kg / 29.6cwt Est	1653kg / 32.5cwt Est
Maximum Technical Permissible Laden Mass (Lower limit)	1705kg / 33.8cwt Est	1661kg / 32.7cwt Est	1813kg / 35.7cwt Est
Maximum Technical Permissible Laden Mass (Upper limit)	1750kg / 34.4cwt	1750kg / 34.4cwt	2000kg / 39.4cwt
Total user Payload	156kg / 3.1cwt	156kg / 3.1cwt	160kg / 3.1cwt
Personal Effects	156kg / 3.1cwt	156kg / 3.1cwt	160kg / 3.1cwt
Options	0.0kg / 0cwt	0.0kg / 0cwt	0.0kg / 0cwt
Tyre Size	195 / 70 R15C 104 R	195 / 70 R15C 104 R	185 / 70 R14 88 T
Tyre pressure at Lower limit MTPLM	4.5 bar / 65 psi	4.5 bar / 65 psi	2.2 bar / 32 psi
Tyre pressure at Upper limit MTPLM	4.5 bar / 65 psi	4.5 bar / 65 psi	2.5 bar / 36 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	194cm x 122cm / 6'4" x 4'0"	218cm x 168cm / 7'2" x 5'6"	218cm x 158cm / 7'2" x 5'6"
Front Single Nearside		159cm x 73cm / 5'3" x 2'4"	159cm x 73cm / 5'3" x 2'4"
Front Single Offside		159cm x 73cm / 5'3" x 2'4"	159cm x 73cm / 5'3" x 2'4"
Side Fixed Lower Bunk			
Side Fixed Upper Bunk			
Rear Double	192cm x 143cm / 6'4" x 4'8"	187cm x 133cm / 6'2" x 4'4"	187cm x 133cm / 6'2" x 4'4"

**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**

650 L	670
PLATINUM FAIRWAY 650L	PLATINUM FAIRWAY 670
HI-STYLE GRANDE 650L	HI-STYLE GRANDE 670
CORNICHE 23/8	CORNICHE 24/8
ELITE GRANDE 650L	ELITE GRANDE 670
CELEBRATION GRANDE 650L	CELEBRATION GRANDE 670
TREND GRANDE 650L	TREND GRANDE 670
GTS GRANDE 650L	GTS GRANDE 670
4	6
2	2
6.27m / 20'7"	6.27m / 20'7"
2.45m / 8'0"	2.45m / 8'0"
2.59m / 8'6"	2.59m / 8'6"
1.95m / 6'5"	1.95m / 6'5"
7.98m / 26'2"	7.98m / 26'2"
10.52m / 34'6"	10.52m / 34'6"
1645kg / 32.4cwt Est	1640kg / 32.3cwt Est
1805kg / 35.5cwt Est	1820kg / 35.8cwt Est
2000kg / 39.4cwt	2000kg / 39.4cwt
160kg / 3.1cwt	180kg / 3.5cwt
160kg / 3.1cwt	180kg / 3.5cwt
0.0kg / 0cwt	0kg / 0cwt
185 / 70 R14 88 T	185/70 R14 88 T
2.2 bar / 32 psi	2.2 bar / 32 psi
2.5 bar / 36 psi	2.5 bar / 36 psi
100kg	100kg
THREE	THREE
194cm x 122cm / 6'4" x 4'0"	218cm x 178cm / 7'2" x 5'10" Est
	182cm x 73cm / 6'0" x 2'4" Est
	182cm x 73cm / 6'0" x 2'4" Est
	187cm x 57cm / 6'1" x 1'10" Est
	187cm x 57cm / 6'1" x 1'10" Est
192cm x 143cm / 6'4" x 4'8"	190cm x 122cm / 6'3" x 4'0" Est

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Dealer Special specification based on Conqueror

Based on Conqueror	480	560	580
<b>Dealer</b>			
COUPLANDS	BESSACARR BY DESIGN 495	BESSACARR BY DESIGN 560	BESSACARR BY DESIGN 580
Berths	2	4	4
Axles	1	1	1
Internal Length (bed box height)	4.98m / 16'4"	4.98m / 16'4"	5.93m / 19'5"
Overall Width*	2.28m / 7'6"	2.28m / 7'6"	2.28m / 7'6"
Overall Height (inc. TV Aerial)*	2.59m / 8'6"	2.59m / 8'6"	2.61m / 8'7"
Maximum Internal Headroom	1.95m / 6'5"	1.95m / 6'5"	1.95m / 6'5"
Overall Length*	6.59m / 21'7"	7.54m / 24'9"	7.54m / 24'9"
Awning A / A dimension	9.28m / 30'5"	10.30m / 33'10"	10.30m / 33'10"
Mass in Running Order (inc. tolerance)	1451kg / 28.6cwt Est	1608kg / 31.7cwt Est	1585kg / 31.2cwt Est
*Maximum Technical Permissible Laden Mass (Lower limit)*	1577kg / 31.0cwt Est	1764kg / 34.7cwt Est	1741kg / 34.3cwt Est
*Maximum Technical Permissible Laden Mass (Upper limit)*	1750kg / 34.4cwt	1800kg / 35.4cwt	1800kg / 35.4cwt
Total user Payload	126kg / 2.5cwt	156kg / 3.1cwt	156kg / 3.1cwt
Personal Effects	126kg / 2.5cwt	156kg / 3.1cwt	156kg / 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 R	205 / 70 R15C 106 R
Tyre pressure at Lower limit MTPLM	4.3 bar / 62 psi	4.5 bar / 65 psi	4.5 bar / 65 psi
Tyre pressure at Upper limit MTPLM	4.5 bar / 65 psi	4.5 bar / 65 psi	4.5 bar / 65 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	200cm x 186cm / 6'7" x 6'1"	200cm x 158cm / 6'7 x 5'2"	200cm x 168cm / 6'7" x 5'6"
or Front Nearside Single	181cm x 67cm / 5'11" x 2'2"		
and Front Offside Single	171cm x 67cm / 5'7" x 2'2"		
Rear Double		192cm x 133cm / 6'4" x 4'4"	182cm x 133cm / 6'0" x 4'4"

**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**

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (1'4") from that stated.

**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 or bed size

\*\*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 these 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.

# Dealer Special specification based on Elegance Grande

Based on Elegance	Elegance 835 Grande	Elegance 845 Grande	Elegance 850 Grande
<b>Dealer</b>			
COUPLANDS	BESSACARR BY DESIGN 835	BESSACARR BY DESIGN 845	BESSACARR BY DESIGN 850
Berths	4	4	4
Axles	2	2	2
Internal Length (bed box height)	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"
Overall Height (inc. TV Aerial)*	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"
Overall Length*	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"
Mass in Running Order (inc. tolerance)	1909kg / 37.6cwt	1893kg / 37.3cwt	1909kg / 37.6cwt
Maximum Technical Permissible Laden Mass (Lower limit)	2069kg / 40.7cwt	2053kg / 40.4cwt	2069kg / 40.7cwt
Maximum Technical Permissible Laden Mass (Upper limit)	2250kg / 44.3cwt	2250kg / 44.3cwt	2250kg / 44.3cwt
Total user Payload	160kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt
Personal Effects	160kg / 3.1cwt	160kg / 3.1cwt	160kg / 3.1cwt
Options	0.0kg / 0.0cwt	0.0kg / 0.0cwt	0.0kg / 0.0cwt
Tyre Size	185/65 R15 92XL	185/65 R15 92XL	185/65 R15 92XL
Tyre pressure at Lower limit MTPLM	3.0 bar / 44 psi	3.0 bar / 44 psi	3.0 bar / 44 psi
Tyre pressure at Upper limit MTPLM	3.5 bar / 51 psi	3.5 bar / 51 psi	3.5 bar / 51 psi
Static Load on Coupling Head	120kg	120kg	120kg
Thermal Insulation Grade	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	218cm x 126cm / 7'2" x 4'2"	218cm x 126cm / 7'2" x 4'2"	194cm x 122cm / 6'4" x 4'0"
Rear Double	192cm x 133cm / 6'4" x 4'4"	192cm x 133cm / 6'4" x 4'4"	192cm x 143cm / 6'4" x 4'8"

**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

**Bed Sizes:** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.4m (14") from that stated.

**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.

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.

Est = Estimated weight or bed size

\*\*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 these dimensions

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

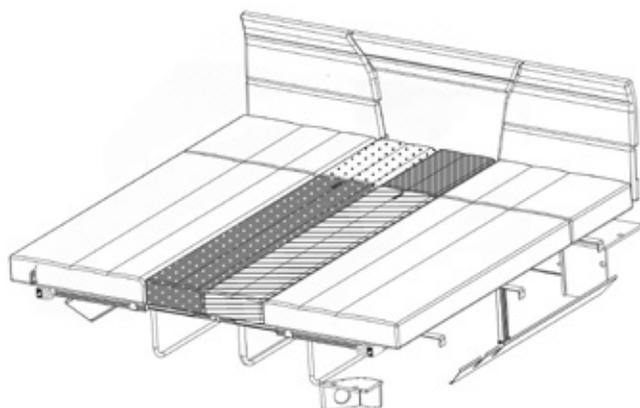
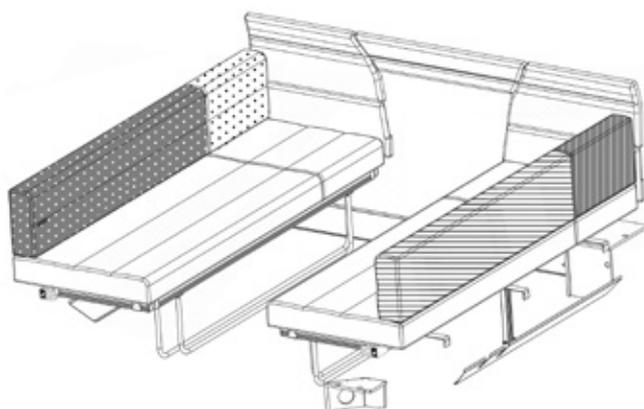
The Maximum Technical Laden Mass (MTPLM) is the maximum mass allowed when the caravan is fully laden.

**WARNING: Under no circumstances should the MTPLM be exceeded**

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

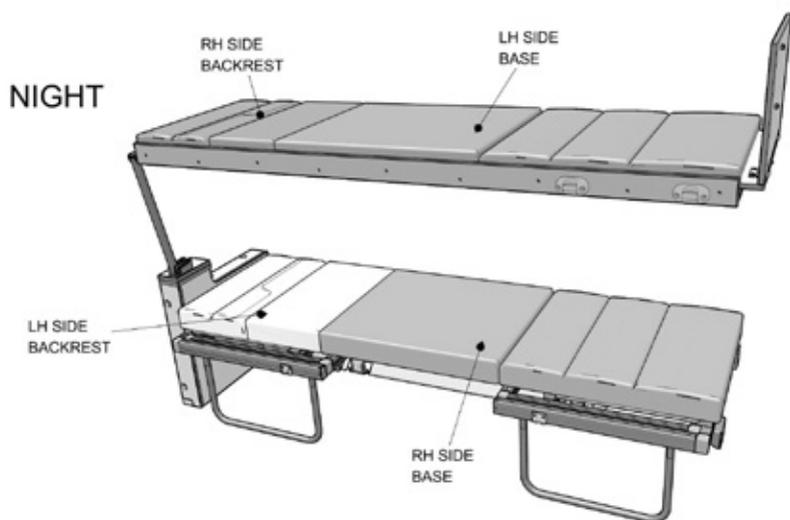
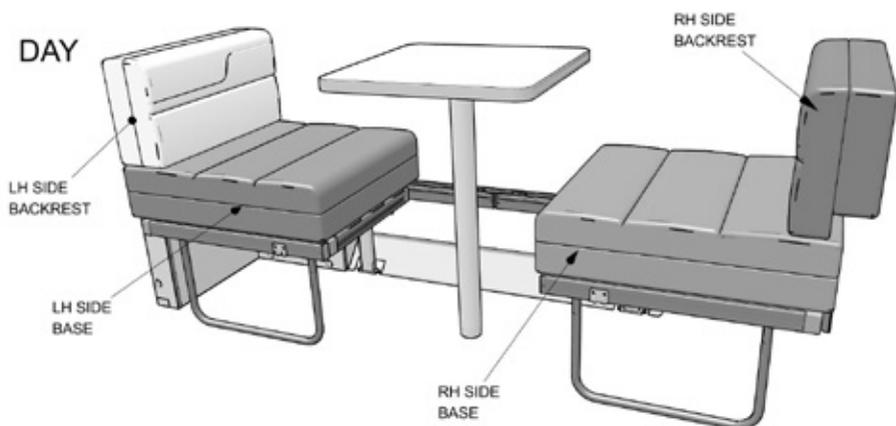
## Bed make up

### Bed make up in Basecamp front end



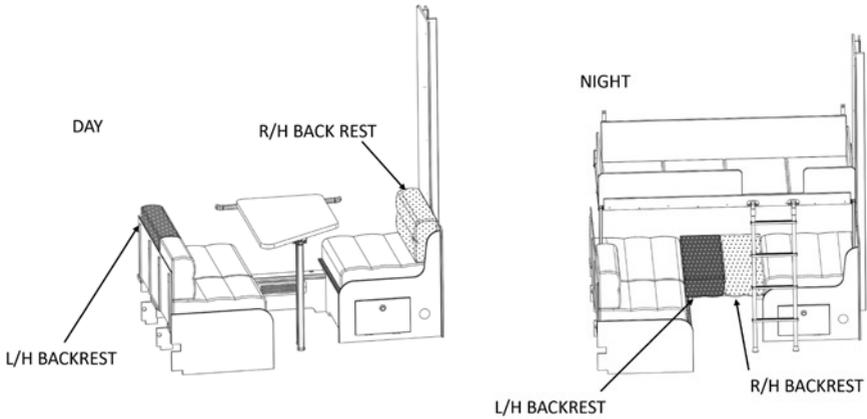
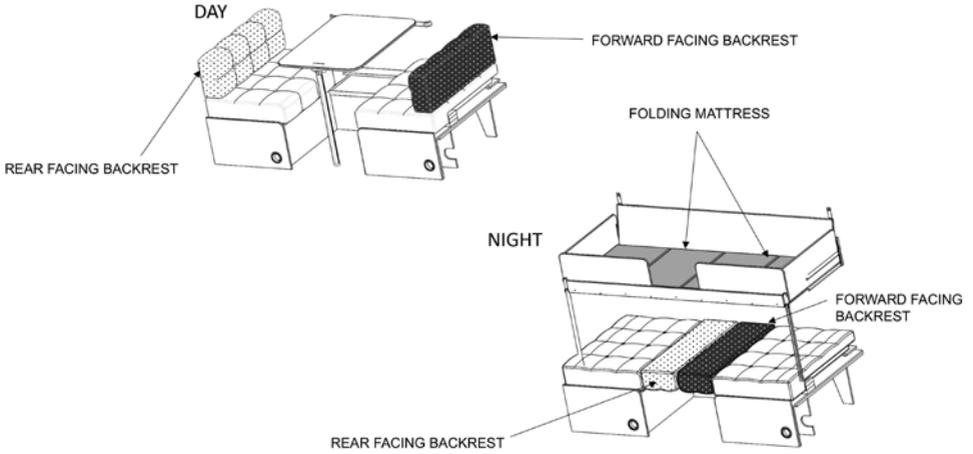
# Bed make up

## Bunk bed make up in Basecamp 4



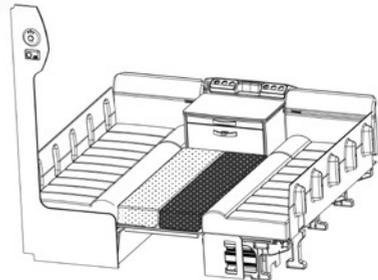
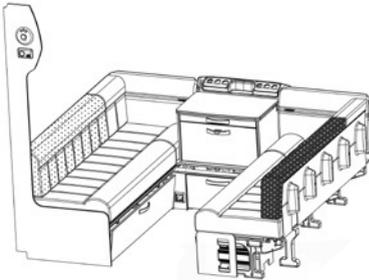
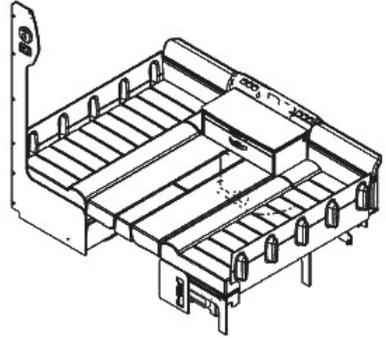
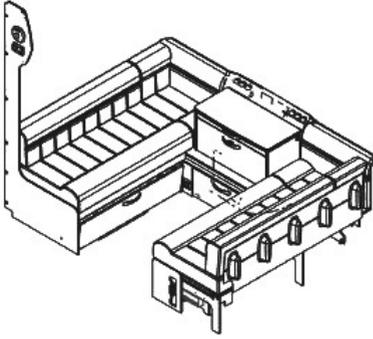
# Bed make up

## Bed make up in Quattro EW and Challenger 530 mid bed



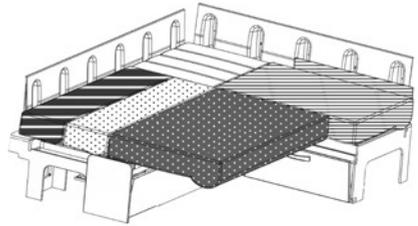
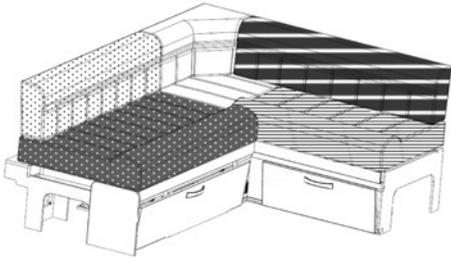
# Bed make up

## Bed make up in Sprite Grande, Challenger Grande and Elegance Grande

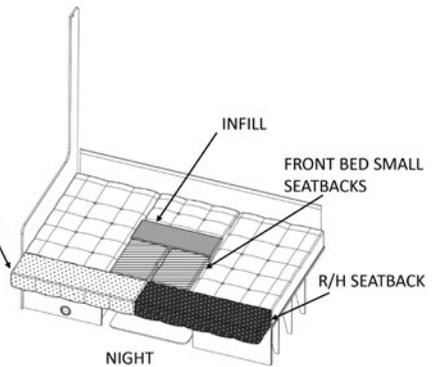
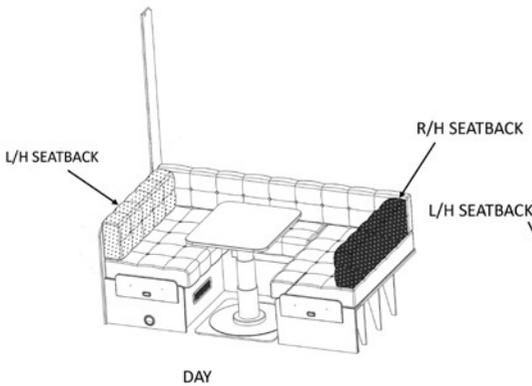


# Bed make up

## Bed make up in Challenger, Challenger Grande, Elegance Grande 850 front bed



## Bed make up in Sprite Grande mid bed







***SWIFT***

## **SWIFT GROUP**

Dunswell Road

Cottingham

East Yorkshire

HU16 4JX

**Tel:** 01482 875740

**Fax:** 01482 840082

### **Customer Experience Team**

[enquiries@swiftleisure.co.uk](mailto:enquiries@swiftleisure.co.uk)

FIND OUT MORE AT **SWIFTGROUP.CO.UK**