

Silverline '90





Front Hatch



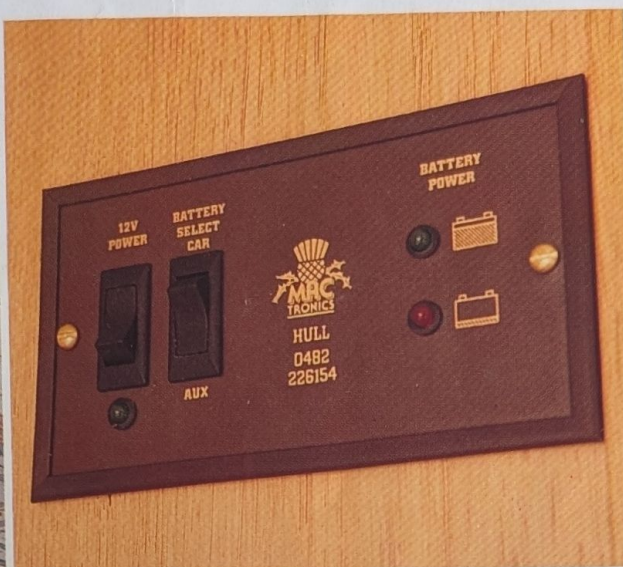
GT Flyscreen



Folding Step



Pull Out Bed



12v Control
Nova & Silvercrest



Battery Locker

Standard Specification

- ☐ Spare wheel and tyre.
- ☐ Bonded sandwich construction. 45mm floors, 25mm walls.
- ☐ Fully galvanised A1-Ko chassis.
- ☐ Fully fitted mains electric with residual current device (RCCB) and 13amp sockets.
- ☐ Silverline's advanced 12v distribution system with charger/converter.
- ☐ Tinted double glazed 'to the edge' windows all opening.
- ☐ Foldaway galvanised step.
- ☐ One piece aluminium roof.
- ☐ Embossed aluminium sides in easy clean finish.
- ☐ Recessed stainless steel grab handles.
- ☐ Solid wood framed kitchen and toilet doors.
- ☐ Awning rail fitted to both sides.
- ☐ Luxurious velour upholstery. Bolster cushions with pillow filling. Scatter cushions matched with curtain material.
- ☐ Crease resistant velvet lined curtains.
- ☐ Carver Crystal water system.
- ☐ Side repeater flashers, twin fog lights, twin reversing lights.
- ☐ Rooflights with fitted flyscreens, kitchen rooflight with night blind.
- ☐ Colour matched wheel trims.
- ☐ Mud flaps.
- ☐ Awning light with interior courtesy light.
- ☐ Electrolux RM212 refrigerator, mains, 12v and gas. Silvercrest and Nova.
- ☐ Electrolux RM2260 Pegasus.



Bunk Detail



Shower

Nova range

The nation's favourite small car and caravan combination. Launched in 1985 and still going strong the neat Nova can be towed by cars of 1000cc upwards. No pop-tops, fiddly bits, back doors or other quaint manoeuvres the Nova is roomy enough for all couples and each model in the range is comprehensively equipped to the extent of fully fitted shower in the GT model.

By clever design, for 1990, we have increased headroom at the rear to give more space in the kitchen area and the toilet/shower compartment.

Take a look at the Nova and you'll see why so many small car owners enjoy caravanning as never before.



Silvercrest GT

Successfully launched in 1988 the Silvercrest has rapidly established a reputation as a quality, handy size caravan as car manufacturers and property developers alike reduce their product in weight and size. As both these trends will continue into the foreseeable future the Silvercrest's future is assured as a firm, stylish family favourite. A 4 burner hob unit with grill is added to the comprehensive Silvercrest specification for 1990 and only by taking a look for yourself will you see why the Silvercrest has achieved so much in so little time.

Pegasus

The PEGASUS, flagship of the Silverline 1990 range, is fully winterised for all year round caravanning and available in both 12' & 14' configurations.

Overall width has been retained @6'6" for ease of towing and storage whilst the interior is packed with a host of modern, state of the art furnishings, fittings and accessories for comfort at home or abroad. High quality, traditional materials have been used in the construction and our design team have developed an on-board water system, so easy to operate, that the Pegasus owner can carry out the switch from on-board to exterior supply and vice versa in one quick, simple operation.

Blown air central heating, cassette toilet, Electrolux RM2260 refrigerator, oven and many more features will ensure the PEGASUS, famed as a thoroughbred in mythology, is truly a classic winner for 1990 and the future.





Nova



Nova Princess GT

For our 1990 model year range, emphasis has been put on both exterior and interior with strength and safety in design, good looks and practical labour and energy saving devices to the fore.

Both front and rear exterior panels have been re-designed to be more aesthetically pleasing and our high quality grab handles are in satin finish stainless steel and recessed in an easy to use position at approximately waist band level.

A one piece aluminium roof is now standard across the range and sides are in rigid, embossed aluminium which has an easy clean finish. Awning channel is side fixed with colour coded insert to blend with the

Nova Princess GT

tasteful exterior and imaginative use of brand decals.

The exterior nearside locker is integrated and partitioned to accommodate a 12v battery and the mains input.

The luxurious velour cover used in all our upholstery is now fire resistant. Bolster cushions are pillow filled and covers are removable. Scatter cushions are in matching curtain material.

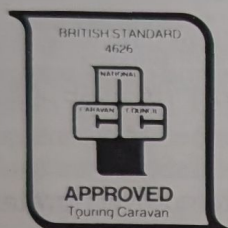
Curtains, across the range, are lined and are in crease resistant velvet.

Silvercrest 10/2



Within this section of our brochure are included comprehensive details of our caravans, which we hope will be of interest to both new owners and those thinking of purchasing one of the Silverline range. With the enormous choice of caravans available from a vast array of manufacturers, we trust that this information booklet will assist you in fully understanding the advanced and thoughtful design of Silverline caravans - and their simplicity of operation and maintenance. We pride ourselves on the high standard of manufacture and construction.

By providing this information in advance of purchase Silverline owners will be better prepared, have a correctly equipped towcar and can purchase all essential equipment before delivery thus enabling them to get immediately into the enjoyment of caravanning. We're sure this booklet answers the many questions that first time caravanners ask in relation to their first caravan purchase.



**All Silverline Caravans are manufactured
to British Standard 4626**

THE SILVERLINE CONCEPT

The Silverline range is manufactured by our skilled workforce to a high quality production standard, using only the best materials. And those top quality materials and components are fitted, where possible, to all products - not just reserved for the most expensive in our range.

If any component is found to be prone to damage through normal use, accident or misuse, it is immediately replaced in production; we have through this principle over many years greatly reduced our customers long term costs and made Silverline caravans among the most reliable on the market.

Many manufacturers use tables and worktops with honeycomb interiors - very light, but prone to accidental damage. Our tops and tables are constructed with a solid core of birch plywood which is virtually indestructible in normal use. We save weight in other areas where it does not effect durability.

Silverline's bonded sandwich sides are produced with an interior of Italian poplar plywood, very strong and con-

siderably lighter than the oriental plywoods often used in caravan manufacture. The same poplar plywood is used on all furniture. Our bonded sides are laminated after production with high quality decorative vinyl. Our furniture is veneered with durable and attractive Alcorcell light oak.

Though we use advanced materials where they have definite advantages, we retain traditional hardwood framed doors for the kitchen and toilet compartment. All other interior doors have four radiused corners - very attractive, but the main reason for this feature is to prevent the edging tape from peeling at the corners. By having no 'corners', and by applying the edging tape to the doors in one piece on plywood, (rather than the softwood frames often used in caravan manufacture) our edging stays in place permanently. And that's very important for the resale value of your caravan.

Our interior furniture handles are of solid oak, fixed from the back with two machine screws - they will not break and cannot be pulled off.

Selecting the right caravan/car combination

It is recommended by the Caravan Club and other caravanning organisations that first-time caravanners should make sure that the laden weight of the caravan does not exceed eighty-five percent of the car's kerbside weight. There is little scope for exceeding that eighty-five percent figure, though - with practice, a lot of towing experience and a very well matched car/caravan combination. Silverline Caravans have a reputation for having road manners among the best in the industry - with a Silverline and a suitable towcar, you've got a combination that will give you miles of pleasure and leisure!

Road Manners

For an experienced driver, towing a caravan presents no problem. But only hours of towing will build confidence in manoeuvring - and until you've clocked up several hundred miles of towing our novice is to keep to fairly modest speeds. Experience of the outfit's handling and braking characteristics will give you the confidence to go faster.

When pulling away, let out the clutch smoothly and do not forget that a little more engine speed is required to produce the power to move the additional weight of the caravan.

Remember that a caravan is usually wider than its towcar, so allow for this. Everything takes a little longer than solo motoring, so always indicate in plenty of time and allow extra braking distance. When overtaking, give yourself three times the normal clearance before you pull back into line. Carry out all the manoeuvres as smoothly as possible. Having passed a vehicle, look in your nearside wing mirror to make certain the caravan is also clear, then it's wise to signal that you are pulling left and move gradually to the nearside of the road. The legal towing speed in the British Isles is 60 mph - and don't forget that caravans are not allowed in the outside lane of a three or four lane motorway.

Things to remember

- Stow all loose items securely
- Check that the gas cylinders are correctly secured and switched off
- Check that roof-light, windows and cupboards are closed and secure
- Return water pump to housing
- Disconnect mains cable and stow
- Set refrigerator control to 12v
- Switch off 12v supply on control panel. (The caravan battery (if fitted) will charge automatically regardless of battery select switch position.)
- Lock caravan
- Check tyre pressure and wheel nuts
- Raise the four corner steadies
- Raise the caravan step and fit safety clip
- Hitch up - and double check the hitch is secure
- Place safety breakaway cable around tow ball or tow bracket
- Connect the 7 pin plugs and check road lights are in working order on both car and caravan
- Ensure that the jockey wheel is fully raised and firmly secured
- Release the parking brake
- Check towing mirror adjustment from driving seat
- Make sure you have not left anything behind
- If in doubt about any of these procedures please ask your Silverline dealer to demonstrate

Towing Extras and Mirrors

Due to the low design weight of our products, stabilisers are not essential and the majority of our customers do not fit them. However, if you would prefer to fit a stabiliser, all types fit our caravans and your supplying dealer will advise on the types available.

By law, the driver of a towing vehicle must have an adequate view to the rear of the caravan. It is strongly advised that additional towing mirrors are fitted to provide a view along both sides of the caravan. Your dealer will give advice on the range available.

Loading and Nose Weight

As there are no longer regulations specifically governing the weight of caravan to towing vehicle, the caravanner is left to decide, personally, how to achieve optimum loading for stability and safety.

Ensure that you have distributed the weight evenly, with the heavy items over the axle, and make sure you have not exceeded the recommended loading margin for the caravan. For the greatest road stability, a caravan should tow slightly nose heavy, preferably 90lbs to 125lbs for a Nova and 110lbs to 150lbs for a Silvercrest and Pegasus.

Silverlines are designed with good balance. Good loading is largely a matter of trial as the best way of loading a particular caravan is influenced by the tow car being used, its pre-use hitch height and its weight.

It's useful sometimes to check noseweight. A simple method is to place bathroom scales under the coupling head, with a piece of wood placed between the coupling head and the scales, of such length that the caravan floor is horizontal.

Safety Features

Side indicators are fitted to all Silverlines, so that wherever other road users are in relation to the caravan, the driver's intentions are always known.

Reversing lights are also fitted to all models. Road users who are not familiar with caravan-towing do not expect caravans to travel backwards - but with auto-reverse (and practice) it is commonplace. As soon as reverse gear is selected these lights illuminate ensuring all road users know your intentions before you start your manoeuvre.

Twin fog lights are fitted to all caravans.

Caravan Siting

Try to select flat ground when possible. Apply caravan handbrake. Remove the breakaway cable, disconnect the 7 pin plugs and return them to their holders, lower the jockey wheel to the ground using the clamp, and tighten. Wind the telescopic jockey wheel to raise the hitch from the ball while holding the hitch release catch, replace towball cover.

Level the caravan back to front using the jockey wheel. Lower the corner steadies; on soft ground use the wooden blocks provided with the caravan under each steady. Do not over-tighten the corner steadies.

Chassis and Tyres

All Silverline caravans are constructed on a galvanised steel chassis, with Alko manufactured torsion bar suspension units, over run devices and corner steadies. All Silverlines have automatic reverse systems.

Full maintenance instructions are supplied with each caravan.

All Silverline caravans are fitted with tyres rated up to 80 miles per hour at maximum design weight. This provides an added safety margin and also allows towing up to this speed in countries where it is allowed - not in the United Kingdom!

Caravan Storage

We would like to think that all our caravans are constantly in use, or certainly at stand-by waiting for a winter weather break. With a fully equipped Silverline, all year caravanning is certainly possible.

If you do choose not to use your caravan for an extended period there is really very little you have to do in terms of maintenance. Contrary to caravan folklore, you do not have to remove all curtains and bedding, stand the axle on bricks, take the wheels off and cover the hitch in a plastic bag!

We would recommend that chassis lubrication according to our maintenance instructions is carried out prior to storage. Locks and hinges should be lubricated. Simply lower the corner steadies in the normal way and release the hand brake. Do not lift the wheels off the ground just ensure that the tyres are maintained at the correct pressure. Modern radial tyres, unlike formerly-used cross-plys, are not damaged by standing for long periods in one position.

Please read details under the battery section in the advice on the electrical system.

Water Systems in Winter

The water system fitted to Silverline caravans is partially self draining on the cold water supply. When the submersible pump is removed from the water the system has very little water in it. In winter, even between journeys leave all taps on so that any expansion in the remaining water due to freezing forces air through the taps and does not damage. The same principle applies to the hot water system if fitted, but the Carver cascade water heater requires draining, as is advised in the Carver instruction leaflet supplied with each caravan.

Flush the water systems with sterilising solutions after storage periods.

Further details for the Pegasus are on page 12.

Outside Lockers and Spare Wheel

A spare wheel with a retaining strap in the front locker is provided as standard together with a combined wheel brace, jack key and jacking blocks.

The front locker also houses two gas bottles. The holders will accept any combination of the following:

3.9 kg Calor Propane (It is essential to use propane gas for winter touring.)

4.5 kg Calor Butane

7.0 kg Calor Butane

The front locker has an open floor for gas safety and consequently is not waterproof. We therefore recommend the spare storage area in the front locker is used for light weight waterproofed items, as heavy unsecured articles could damage the caravan front.

Tyres and Safety

Periodically inspect tyres for damage.

Modern tyres have a design life of around six years and even though adequate tread pattern may still be on the tyres, they should be changed after six years. By rotating the spare every three years the tyre life for the set of three tyres is nine years.

Changing a Wheel

Due to the low weight of our caravans in relation to their strength of structure and the heavy duty corner steadies specified, emergency wheel changes may be made using the corner steadies. However, it is recommended that an Alko axle jack is used for this operation. It is essential that the ground is firm and level.

During this operation it is important that no one is inside the caravan or goes into the caravan, and that no one goes under the caravan. Axle stands are required for this.

Remove the spare wheel from the front locker.

Unhitch the caravan from the car and apply the caravan hand brake. Using the telescopic jockey wheel, tilt the caravan well back. Fully extend the front corner steadies, place the blocks provided under each extended corner steady and lower the jockey wheel. Raise and lock the jockey wheel in the highest position. Lower the rear corner steadies onto the blocks provided. Loosen wheel bolts with the wheel brace, turn one rear corner steady two complete revolutions of the jack key. Turn the other corner steady four complete turns on alternate steadies until both wheels are just clear of the ground. Ensure that all steadies are supporting the load. Change the wheel and reverse the operation. Fully tighten the wheel bolts using the brace provided or a torque wrench set to 9.0kg/m (65lbs/ft).

ELECTRICAL SYSTEM Mains Power

The instructions printed on the right are affixed in each caravan.

All Silverline caravans are fitted as standard with a full mains electrical system with charger/converter, power points and mains operation for the refrigerator.

The system is fully inspected by a qualified electrician who issues inspection and completion certificates which are supplied in each caravan. We do not recommend that the system is altered in any way by anyone except a qualified electrician.

Silverline's mains power system includes a residual current device, known as a RCCD or ELCB which is incorporated into the mains on-switch.

After plugging in the mains connector, switch on, then press the test button on the RCCD. If it is working correctly, it will switch the mains switch off. If there is current to the unit and it does not switch off, do not use the electrical system unit until this unit has been checked.

Next to the mains switch are two further switches; these can be left on at all times - they are miniature circuit breakers which have the same function as fuses. The 5 amp unit protects the charger/converter and the fridge; the 10 amp unit is to protect the 13 amp sockets. It will switch off if the load placed on the 13 amp sockets exceeds 10 amps. If this happens, disconnect one appliance and switch back on.

Caravan Appliances

For reference, a 1 kw or 1000w appliance uses about 4.3 amps and, on a 16 amp site power supply, you have 10 amps for the 13 amps sockets. Many sites restrict the supply to 10 amps. On these sites you have only 8 amps available for the sockets, the further 2 amps is consumed by the refrigerator and charger/converter.

We are sure from this information you can work out which appliances can be used without overloading the available supply.

The electrical system fitted to our caravans is of the highest quality and all components and fittings are to an approved standard. We would strongly suggest that all appliances used in the caravan are of an equally high standard, with British Standard approval, or carrying labels to show they have been tested by an approved authority.

INSTRUCTIONS FOR ELECTRICITY SUPPLY

To connect

- Before connecting the caravan installation to the mains supply, check that:
 - the supply available at the pitch supply point is suitable for the installation of the caravan and its appliances.
 - the caravan main switch is in the OFF position.
- Remove or raise any cover from the electricity inlet provided on the caravan, and insert the connector of the supply flexible cable.
- Remove or raise any cover from the socket outlet provided at the pitch supply point and insert the plug at the other end of the supply flexible cable.
- Switch on at the caravan main switch.
- Check the operation of circuit breakers, if any, fitted in the caravan.

IN CASE OF DOUBT CONSULT THE CARAVAN PARK OPERATOR OR HIS AGENT.

To disconnect

- Reverse the procedure described in Paragraphs 2 to 4 above.

Periodically

- Preferably not less than once a year, the caravan electrical installation should be inspected and tested and a report on its condition obtained as prescribed in the Regulations for Electrical Installations published by the Institution of Electrical Engineers.

Fuse Protection

The tow-car provides fuse protection for all functions provided from the car:

The caravan has three circuits: for lights, water pump and auxiliary, including 12v sockets, waterheater, and blown air heating if fitted. These fuses are contained in a clear-covered 'blade' fuse unit. The fuses used are Glow Fuses which illuminate when blown. Spare fuses are provided.

A 15 amp fuse is provided for the battery, all other fuses are 10 amp.

Earth Bonding

Under the caravan are green/yellow earth bonding cables connecting the chassis to the aluminium, check these periodically to see that they have not been detached.

Car Wiring

To get the best results from the caravan the following wiring must be fitted to the cars 12N and 12S sockets: As viewed on the car International pin no. 1 is at the top moving anti clockwise to terminal 6. Terminal 7 is the centre.

Pin	12N		12S	
1	Yellow	Near-side indicators		Reversing lights
2	Blue	Fog lights		Charging line direct to caravan battery, if fitted. A split charge relay is required.
3	White	Common return (earth)		Common return (earth)
4	Green	Off-side indicators		Power supply to caravan interior and charging line for car battery
5	Brown	Off-side lights		No allocation
6	Red	Stop lights		Refrigerator on tow, relay required
7	Black	Near-side lights		No allocation

Your auto electrician may need these details.

Battery Care

A ventilated area has been provided for the battery in the side locker, and a strap has been provided. Place the strap tightly around the battery itself, not the handle. We have also provided insulated terminals and a 15 amp illuminating fuse for the live terminal in the fuse holder.

The system installed is protected against damage in the event of the battery being incorrectly connected, a diode in the charger/converter emits a current to blow the 15 amp fuse which will illuminate to show this. This isolates the battery from the system. Reverse the battery terminals and replace the fuse; a spare is provided in the fuse holder.

As explained earlier, a caravan battery is not essential to the operation of the caravan system. The mains installation provides 12v power without the need for a battery in circuit. On sites without a mains power system, the car can be connected to the caravan with a 12S extension lead available from your dealer, and, with this, power can be drawn from the car's battery. This may, however, reduce the life of the car's battery if it is constantly drained of power, and there is a risk of not having sufficient power to start the car. So, if you frequently stay on caravan sites which do not provide mains power, it is advisable to buy a battery for the caravan. We recommend two types of 'leisure' battery for installation in Silverlines. They are maintenance-free which are more expensive than low-maintenance types, which require occasional topping up. Both types should be 60 ampere hours.

Once fitted to your caravan, the battery need never be removed providing that it is kept fully charged. As the battery discharges, the acid turns to water which can freeze and damage the battery. With a low-maintenance battery, connect your caravan to the mains at home and every month or so run the charger/converter for a day to top up the battery to charge.

If this is not possible, and regular caravanning is not planned, a maintenance-free battery would be better for your use as these require top-up charging only every three or four months.

Car batteries are not suitable to caravan use.

Always follow manufacturers' instructions provided with the battery.

Always replace the blue terminal last and remove it first.

Beware of acid - it can damage skin and eyes.

**SWITCH OFF ALL APPLIANCES AND LAMPS
BEFORE DISCONNECTING THE BATTERY.**

SILVERLINE 12v System

In Silverline caravans, all 12v connections to road and interior lights are factory-sealed and maintenance free. All interior lighting is fluorescent and has a very low current consumption - unlikely to take more than 2 amps of the charger/converter's out-put in normal use.

The control and use of the 12v system has been greatly simplified. The control panel of our design is manufactured by Mactronics to be compatible with their charger/converter.

It consists of an on/off switch, and a change-over switch to select the battery required in circuit - the car battery or the caravan battery. You simply switch to the required source. When connected to mains the charger/converter will charge the battery selected on the change over switch automatically. There are also two indicator lights which show the condition of the battery selected under the load applied.

When connected to the car the caravan battery will charge automatically.

The fridge only works on 12v from the tow car, not from a caravan battery: 12v operation is designed merely to maintain a fridge's temperature while on tow.

5 or 10 amp charger/converter

The 5 or 10 amp charger/converter which is fitted is a very advanced high quality unit which works with or without a battery in circuit. Simply switch this unit on and forget about it

The charger/converter is fitted to provide the following functions:

To charge the tow car battery

To charge the caravan battery if fitted

To provide 12v power for the lighting, water pump and the 12v socket which we fit for your 12v appliances.

Full details of the charger/converter are supplied with each caravan.

To connect your caravan to the mains supply on site, a special hook-up lead is required; these are available from your dealer in various lengths. An adaptor to enable home connection is also available from your dealer. Unless you are experienced in electrical systems it is not advisable to make up these leads as the cable thickness used is in direct proportion to their length. Extension leads must not be joined, or left coiled when in use.

General Care and Maintenance

INTERIOR

The caravan interior roof linings, walls and furniture require an occasional wipe with a damp cloth or with a mild detergent to remove finger marks or splashes.

Occasionally, the hardwood door frames, handles, galley rails, worktop and table edges should be waxed. All worktops and tables have heavy duty laminate, wipe clean and heat resistant surfaces.

KITCHEN

Silverline exclusively use stainless steel sink and hob units for their lasting, non chip good looks and wipe clean properties and each unit is fully covered when not in use. Always lift the hob top when using the grill or oven if fitted as these are ventilated through the hob top. Allow the pan tray to cool before lowering the top.

Comprehensive user instructions are supplied for each piece of fitted equipment but if you are in doubt about the operation of any equipment, ask your dealer to demonstrate.

Thermo-plastic cutlery and crockery holders are wipe-clean type but please avoid using very hot water.

SHOWER

On the shower models a mixer tap is fitted for the shower and handbasin. This unit has a shower handset which when withdrawn from its holder, provides a fine shower spray. The handset has a convenient off switch to conserve water. When returned to its holder in the handbasin its shower spray can be changed at the flick of a switch to a standard tap flow.

Washroom units are again in thermo-plastic, please do not use very hot water.

SOFT FURNISHINGS

All Silverline curtains are in lined velvet and are fitted by Swish Visa Tape. This allows neatly pleated curtains without the trouble of pulling rufflet tape. To remove for dry cleaning gently pull them from the curtain rail.

All Silverline upholstery is in high quality velour or cotton print and should be vacuumed occasionally and can be cleaned with a mild reputable upholstery cleaner.

All Silverline carpets are 50% wool heavy duty short pile to give long service on what is a high traffic area. A stiff brush will bring out most marks and an occasional vacuuming back at base will remove grit and sand. Carpet cleaners can be used as required.

Roller blinds are of wipe-clean type. Should a blind lose tension it can be easily removed, fully rolled up and replaced in its holders.

Exterior Care

No cleaning operation requires the use of abrasive cleaners or scourers. The exteriors of Silverline caravans are finished in stove-enamelled, pre-painted aluminium with fibre glass (GRP) front panel, rear bottom panel, wheel spats and A-frame fairing.

Both are very easy to clean owing to their high gloss properties. To maintain a show-room finish, simply wash regularly with combined wash and wax car cleaner to the dilution recommended. Use a soft car brush, rinse with cold water and dry with a leather.

If using a high pressure washer, be very careful not to disturb emblems and avoid hosing ventilators.

Virtually all exterior panelling and mouldings are sealed using silicone sealants to reduce the possibility of water ingress and substantially reduce "water run marks" associated with mastic-types sealants.

WINDOWS

All windows are tinted acrylic and double glazed to the edge without a cold bridge. With the exception of the fixed door window, all windows open to a full 70 degrees on strong stays with turnscrews for securing in the required position. Each opening window has two closed positions fully closed and a ventilation position. Should you experience any condensation problems, for example during cooking, opening the windows to the vent position will eliminate this without draughts. On tow windows must be fully closed.

Windows do not require any special treatment when cleaning but avoid using gritty or harsh sponges or cloths. Should a window become marked scratch-removal compounds are available.

ROOF VENTS

The roof vents fitted are 5 position opening so that the vent can always face away from prevailing winds. They should ALWAYS be fully closed for towing.

Both kitchen and washroom roof vents have a hinged flymesh which should be removed and cleaned periodically. The kitchen roof vent has also a roller blind fitted.

SILVERLINE WARRANTY

Your Silverline Caravan is covered by a 12 months warranty, starting from the day you take delivery, against defective materials and/or workmanship.

As part of the agreement between your Dealer and Silverline Co. Ltd. any warranty queries must be taken up with the supplying Dealer. Any replacement parts or materials needed are despatched immediately to the supplying Dealer ensuring a speedy and effective warranty claim.

Many of the appliances and accessories, fitted in your Silverline Caravan, are covered by a separate manufacturer's guarantee which is to be found in your Literature Pack in the caravan.

These suppliers are manufacturers of longstanding and repute and will take care of any defective appliance through their nationwide service network.

This does not affect your statutory rights.

General Safety

The instructions in this part of our brochure must be strictly adhered to it involves your own personal well being as well as other caravanners.

VENTILATION

All ventilation complies with British Standards and all ventilators are essential. **THEY SHOULD NOT BE OBSTRUCTED IN ANY MANNER.**

Regularly inspect all accessible fixed ventilators and clean as necessary.

ELECTRIC SYSTEM

Operating and maintenance instructions are comprehensively covered in our brochure but we would strongly advise any modifications, alterations or additions be carried out by a fully qualified electrician. Being able to fit a domestic 13 amp plug is not sufficient knowledge or qualification to interfere with the system or any of its components.

Fire Precautions

It is strongly recommended that a one-kilogram minimum capacity dry powder fire extinguisher be carried inside your caravan in an easy accessible position. A fire blanket would also be useful.

Make sure you know the fire precaution arrangements provided on site it will only take a few minutes of your time.

Children should not be left alone in a caravan.

Remember the front window is an emergency exit.

Keep all windows and the door clear of obstructions.

Combustible materials should be kept clear of all heating and cooking appliances.

Taking Delivery of your New Silverline

Prior to you taking delivery of your new Silverline Caravan your Dealer will have carried out a thorough Pre-Delivery Inspection. This inspection, P.D.I. for short, ensures all components and accessories are working as they were intended.

Listed below is the comprehensive check-list of the P.D.I. carried out by the Dealer on your new Silverline.

Checklist: Chassis

Brakes: Suspension: Axles & Hubs: Tyres & Tyre pressures: Wheel nuts & discs: Towing hitch and reverse mechanism: Jockey wheel: Breakaway chain: Corner steadies adjusted and lubricated: Jack handle.

Checklist: Exterior

Exterior panels, mouldings and all seals: Paintwork: Windows: Entrance door: Rooflights: Wheel boxes: Ventilators: Gas bottle and fairing.

Checklist: Gas Installation & Appliances

Gas system leak tested: Hotplate & Grill: Oven: Refrigerator: Heater.

Checklist: Electrics 240volt mains

ELCB/MCB connect & test: Internal sockets test polarity & function: Wiring and supports: Battery charging: Overall test.

GAS SYSTEM

The gas system fitted to Silverline Caravans has all joints and couplings underfloor, with the exception of the actual connection to the appliances, making it a very safe installation.

Gas is heavier than air and any leaking gas will always disperse through the underfloor ventilation.

Each system is thoroughly checked at the factory and again by the supplying dealer.

In the rare event of a gas leak, use a soap solution when testing connections. If the leak is not obvious, call any caravan dealer for service.

We will reimburse any reasonable charges for this during the warranty period. Please send the invoice with details of the nature of the problem for an immediate refund.

REGULARLY check the flexible hose for damage.

NEVER use naked lights when connecting or changing a gas cylinder.

NEVER use naked lights when checking gas system for a possible leak.

IN CASE OF FIRE

- Get everyone out of the caravan.
 - Raise the alarm and call the Fire Brigade.
 - Turn off the gas container valve if you can do so without endangering yourself.
-

Checklist: Electrics 12volts System

Road lamps front & rear: Indicators: Fog lamps: Reversing lamps: Number plate lights: Stop lights: Reflectors: Interior lights: Water pump & switches: Refrigerator: Distribution unit: Charging unit: Junction box/strip: Wiring & supports: Trailer connecting plugs & sockets: Overall test.

Checklist: Interior

Wall panels: Furniture: Partitions: Doors: Drawers: Lockers: Hinges & catches: Ventilations: Curtains & blinds: Upholstery: Carpet: Window hinges, catches & stays.

Checklist: Plumbing

Hot water system: Cold water system: Hoses: Seals & clips: Shower tray: Sink: Handbasin: Water pumps & switches.

Checklist: Final

Fit number plate: Road test: Clean interior: Clean exterior: Check literature (N.C.C. Certificate etc.)

YOU AND YOUR CARAVAN ARE NOW READY TO ENJOY THE FREEDOM ONLY CARAVANNING CAN BRING. SHOULD THERE BE ANYTHING ON WHICH YOU ARE NOT QUITE SURE, YOUR DEALER WILL BE ONLY TOO PLEASED TO HELP AND ADVISE.

WELCOME TO CARAVANNING!

Pegasus on-board Water System

CONCEPT

The Pegasus on-board water system has been developed to provide a versatile, easy to use hot and cold on-board water system with fail safe dual functions, minimising time, effort and complications encountered with previous caravan systems.

EQUIPMENT

Carver Avon submersible pump which supplies the taps from an outside container in the standard way.

Carver Cascade water heater.

7.5 Gallon (34 Litres) Anti-algae, shatterproof, polyethylene water storage tank with overflow/direct hose pipe fill.

Shurflo 208 on board water pump controlled by pressure switch.

SYSTEM CONTROLS

Pump "select" on control panel with 3 position switch. External (Carver) Internal (Shurflo) & OFF.

"Low" water supply warning. Sensor and audible buzzer alarm.

"Full" water supply warning. Sensor and audible buzzer alarm.

In-line tank fill tap (located on wardrobe base).

OPERATION

Select external pump on control panel.

Place Avon pump in external water carrier.

Switch on and open fully the HOT tap, this fills the Carver Cascade water heater.

When the hot tap begins to flow the tank is full and the water system is fully operational from the external pump

TO FILL ON-BOARD TANK

Select external pump on control panel.

Open fully the in-line tap in wardrobe base.

The on-board tank is now filling from the external supply.

An audible buzzer alarm will sound when the tank is 80% full, you may either, switch off the tap or fill to overflow.

The audible alarm turns off with the tap.

The on-board water tank and water heater combined hold 9.5 gallons (43 litres), if a hose pipe is convenient it could run into the outside container whilst filling.

To use on-board water tank select the internal pump. The tank is fully operational.

LOW WATER

When the on-board tank has approximately 1.5 gallons left, an audible buzzer alarm sounds each time a tap is opened as a reminder to re-fill the tank.

Again, the alarm turns off with the tap.

FAIL SAFE

The Pegasus water system is two complete and independent water systems in one installation.

Supply from the external pump is controlled by micro-switches in the taps.

In-board supply is controlled by a pressure switch on the pump.

HOSEPIPE DIRECT-FILL

This procedure should not normally be necessary and does need care

Switch off pumps (centre position on control panel).

Connect hosepipe to tank breather.

A "hoselock" hosepipe connector (both parts) are provided for this operation.

Open the cold water tap, which acts as a breather.

Fill at low pressure.

When the tank is full the cold water tap will flow.

DO NOT SWITCH COLD TAP OFF UNTIL THE HOSE-PIPE HAS BEEN DISCONNECTED.

THE SYSTEM IS NOT DESIGNED TO HANDLE MAINS WATER PRESSURE.

TRAVELLING WITH ON-BOARD WATER

Although it is possible to travel with full tanks the weight involved is quite considerable with some 95 lbs (43 kilos).

We would recommend therefore, if weight is a major concern carrying approximately 1.5-2 gallons of cold water at a combined weight of approximately 36 lbs. (16 kilos) including the waterheater. To achieve this all that is required is to run the cold tap until the audible alarm sounds.

We do NOT recommend towing with the water heater running.

The Carver Cascade water heater is well insulated and will hold its heat for many hours.

WINTER PRECAUTIONS

We strongly advise draining the water system during winter when not in use.

Select internal pump and run until the tank is empty.

Leave all taps fully open.

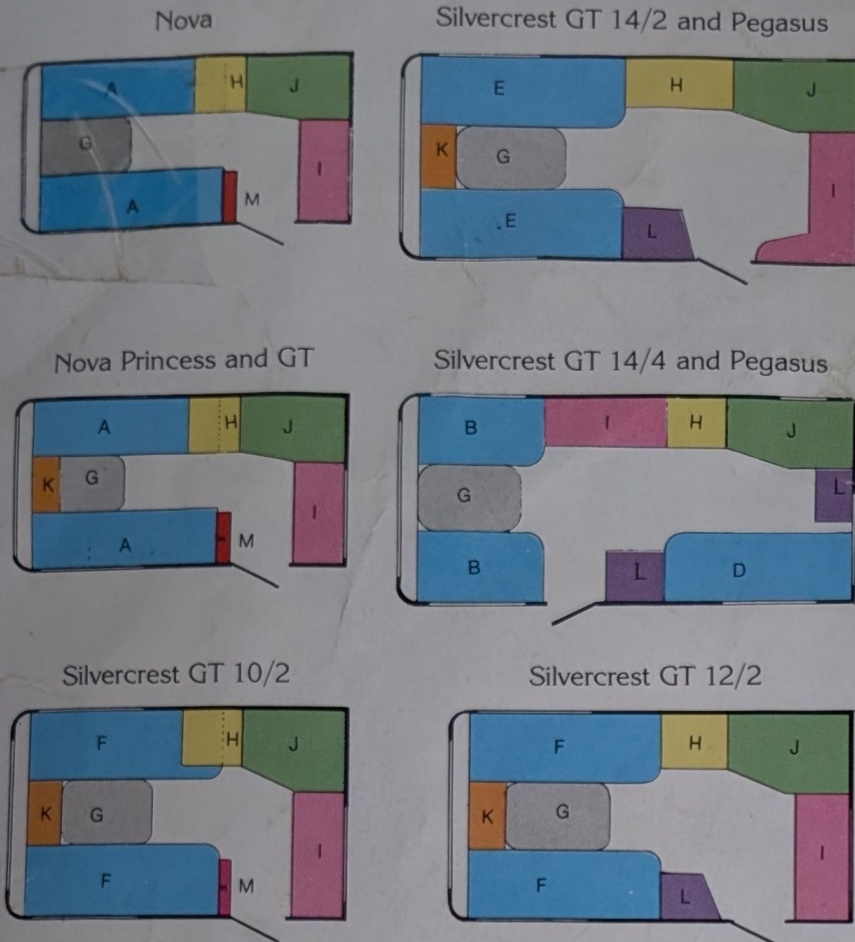
Drain water heater.

The tank system can be sterilised and we would recommend "Aquaflow Tank Kleen."





KEY TO FLOOR PLANS



- A** Dayseat 72" x 21" converts to double bed 72" x 63"
- B** Dayseat 45" x 25" converts to double bed 73" x 45"
- C** Dayseat 48" x 25" converts to double bed 73" x 48"
- D** Dayseat and single bed 71" x 25" with tubular steel sprung single bunk over
- E** Single bed 78" x 25" converts to double bed 78" x 73" or 73" x 58"
- F** Single bed 72" x 25" converts to double bed 73" x 72" or 73" x 52"
- G** Table
- H** Wardrobe
- I** Kitchen unit with stainless steel sink, hob and grill
Electrolux RM 212 refrigerator in Nova & Silvercrest
- J** Washroom with vanity unit, Shower in GT
plus cassette Porta Potti in Pegasus
- K** Detachable chest
- L** Cabinet or Electrolux RM 2260 refrigerator in Pegasus
- M** Magazine Rack.

Top Left: Silvercrest GT 12/2
 Bottom Left: Silvercrest GT 10/2
 Bottom Right: Silvercrest GT 14/2

DIMENSIONS		NOVA	NOVA PRINCESS	NOVA PRINCESS GT	SILVERCREST 10/2	SILVERCREST GT 10/2	SILVERCREST 12/2	SILVERCREST GT 12/2	PEGASUS 12/2	SILVERCREST GT 14/2	SILVERCREST GT 14/4	PEGASUS 14/2	PEGASUS 14/4
Shipping length			14'3" (4.35m)				16'3" (4.95m)			18'3" (5.56m)			
Interior body length			10'1" (3.07m)				12'1" (3.68m)			14'1" (4.30m)			
Overall body width		5'7" (1.7m)					6'6" (1.98m)						
Head room maximum							6'3½" (1.91m)						
Overall height ex works							8'1" (2.46m)						
Ex works weight	cwt	10.1	10.3	10.5	10.8	11.0	12.1	12.3	13.4	14.2	14.4	15.2	15.4
	kg	510	525	535	550	560	615	625	680	720	730	775	785
Maximum design weight		13.7 (700kg)			14.7 (750kg)		16.7 (850kg)	17.7 (900kg)		18.7 (950kg)		19.7 (1000kg)	
Tyre size			145 x 13				155 x 13		165 x 13		175 x 13		
Tyre pressure			2.3 bar (33 PSI)				2.4 bar (34 PSI)		2.5 bar (35 PSI)				
Awning length ground to ground through channel			23'8" (7.2m)				25'8" (7.8m)			27'8" (8.4m)			

Silverline '90



Silverline

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NOTE: ALL DIMENSIONS ARE APPROXIMATE OVERALL SIZES. Illustrations, photographs, descriptions, information and statements contained in the Company's brochures and literature are intended only as a general guide and do not form part of any contract nor do the same constitute any representation by or on behalf of the Company.

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