



HIGH PERFORMANCE COMPOSITES

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HIGHEST QUALITY WORLD WIDE

◆ Sports Car Hardtops

◆ Sports Car Body Panels

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## INSTALLATION INSTRUCTIONS **Triumph Spitfire Mk IV & 1500**

You have just purchased the finest Hardtop available on the market today. . Skilled craftsmen using highest quality materials and modern technology have manufactured this product. By following these simple instructions you will have many years of enjoyment and the top will last as long as your car.

The following tips will be helpful if you are qualified to do it yourself. If not, we recommend that your Hardtop be installed and finished by a professional body shop.

A point to remember, automobiles are mass-produced and built with certain tolerance.

Sometimes these tolerances are quite large. No two are alike. A body man is a skilled tradesman; a skill that is not learned overnight. A “well fitting” automobile is a series of adjustments and compromises.

Note: The hardtop is molded with a high degree of inward camber in order to provide a tighter fit at critical points on the rear deck (when completely tightened down). As such, the top will not appear to fit correctly when first placed on car. However, as it is tightened down the rear flange will being to fit properly. The fiberglass will tend to conform to the shape of the car after the first fitting but will still retain some of the spring to assure a good seal. Subsequent installations will be much easier that the initial fitting.

### **A. Prior to placing the top on the car:**

1. Fold top cloth into the normal top down position. Unbolt the plate, which attached the convertible top to the rear deck. Retain for use with convertible top.
2. Clean top of windshield frame and rear deck area.

3. Lubricate the bottom of the deck rubber of the hardtop with a silicone lubricant or other suitable lubricant.
4. Locate the threaded hole on the upper portion of the rear convertible top frame, Attach the aluminum adapter plate in a vertical position (one per side) using the 5/16" bolt. Tighten bolts.
5. Remove the rubber plugs on the top of the windshield frame (retain for use with the convertible top). Carefully cut the windshield frame vinyl which covers the bottom of this hole

**B. Place hardtop on car:**

1. Make sure that the side window moldings do not get pinched between the top and the windshield frame. These will be trimmed later.
2. Install the front fastener bolts through the windshield frame and the top attachment tab of the hardtop. Place the square aluminum washer and nut on the fastener bolts and tighten.
3. Locate the threaded hole on the upper portion of the rear convertible top frame mounting plate. Adjust the rear fastener turnbuckle assembly so that the supplied 5/16" bolt can be placed through the turnbuckle eyelet and into the threaded hole. Tighten the 5/16" bolt.
4. Unscrew the rear turnbuckles and hook the turnbuckles into the adapter plates. Tighten the rear turnbuckles by hand while occasionally applying pressure at the rear deck line of the hardtop. (Do not over tighten).
5. Loosen the front fasteners and trim the side window moldings with heavy scissors as shown in Fig. 1. Also, trim side moldings to fit the door at rear side.
6. Check the top for alignment of the front edge and retighten the fasteners, positioning the top for an even fit.

## C. Painting

1. Mask off rear window with cellophane or a non-porous material to prevent thinner fumes from attacking the Plexiglass.
2. Mask all rubber. Top is primed with a water born primer that is compatible with all topcoats. No sealer is necessary. Use normal body shop painting procedures.

## D. Maintenance of the top:

1. Side window rubber molding may be lubricated with a silicone base wax for easy winding of the windows. Similar lubricants may be used on the deck rubber seal if squeaking occurs.
2. If painted, keep surface waxed to preserve the gloss finish. On vinyl tops, clean periodically with a vinyl cleaner and coat with a vinyl top sealer.
3. The rear window in Plexiglass and caution should be exercised to prevent scratching. Clean with mild soap and sponge or soft cloth. Dry with a chamois skin- keep dirty rags away from window. A plastic wax such as "Mirror Glaze" can be used to wax the window.
4. Rubber should be treated periodically with a rubber conditioner.

**Warranty:** All Smooth Line Hardtops are warranted to be free from defects in material or workmanship and are warranted for one (1) year from date of purchase. Smooth Line will, at its discretion, repair or replace at its factory, without cost, any part that fails in service, upon our inspection, within the warranty period. The warranty does not cover freight, labor, failure of related components or failure resulting from alteration, misuse, accident damage, faulty installation, color coating, or faulty repair. For warranty service for a Hardtop purchased from a distributor you must make all arrangements through that distributor. If purchased directly from Smooth Line contact Smooth Line sales department. Warranty for all components must be supported by the proper registration documentation including the original shipping invoice. At no time are Smooth Line Hardtops returnable for credit or refund for any reason.

**Returned Goods:** Written authorization must be obtained from Smooth Line and the distributor before merchandise may be returned for warranty service. All merchandise must be properly packaged in non damaged condition. An itemized packing slip, showing invoice number and date, with full explanation of reason for return must be included. All returns must be sent freight prepaid. All costs relative to a return are not reimbursable.

**Freight Damage:** Smooth Line products are carefully packaged by professionals. Delivery in good condition is the responsibility of the carrier. All shipments are insured. Upon receiving your merchandise, while in the presents of the delivery driver, before signing, carefully inspect carton for damage or rough handling. If apparent, open package and inspect merchandise. If damaged, refuse shipment, have driver note damaged on bill of lading. Call Smooth Line after driver leaves with the shipment.

The above terms and conditions pertain to all orders and will be strictly applied. Please do not ask for exceptions.

**WARNING**

This product is designed to enhance the appearance of the vehicle and to shield the occupants from ordinary weather conditions. Do not rely in any way on the components of this product to contain occupants within the vehicle, or to protect against injury or death in the event of an accident. This product will not protect the occupants from falling objects.

**WEAR SEAT BELTS AT ALL TIMES.**