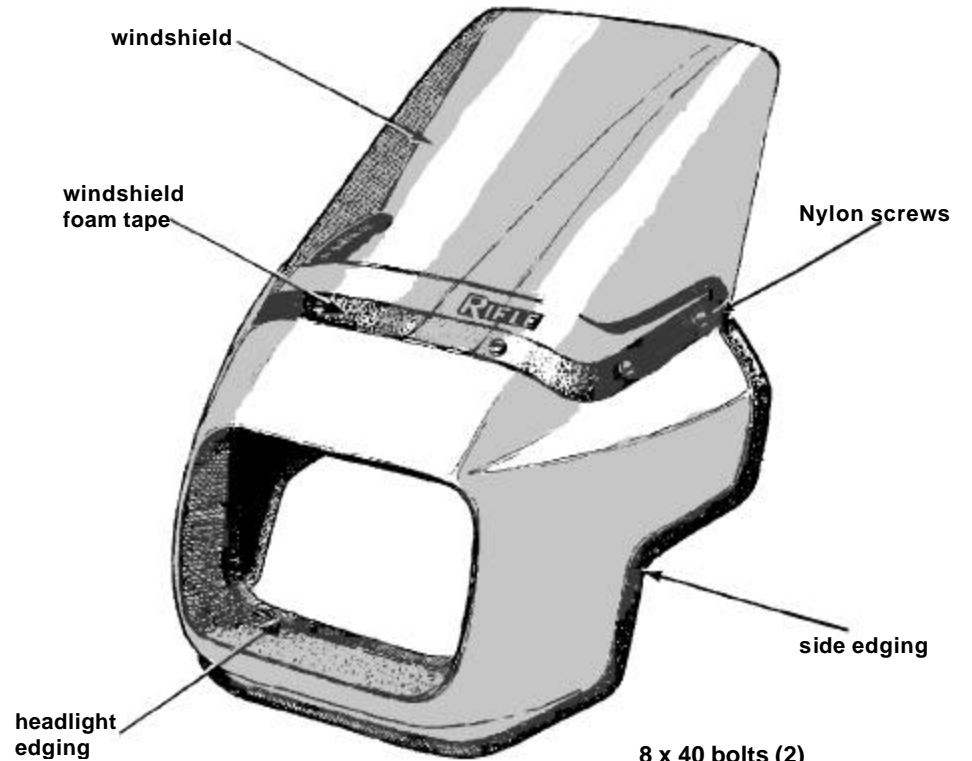




# NIGHTFLIGHT FAIRING MOUNTING INSTRUCTIONS

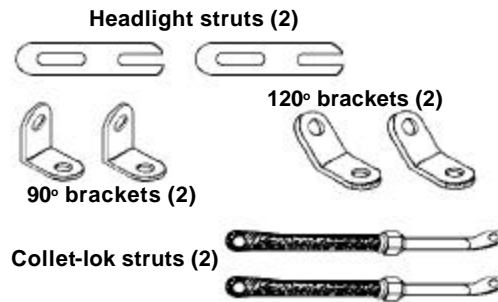


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3140 El Camino Real  
Atascadero, CA 93422



- 8 x 40 bolts (2)
- 8 x 20 bolts (2)
- 8mm flat washers (2)
- 8mm rubber washers (2)
- 8mm locknuts (2)
- 6 x 15 bolts (2)
- 6 x 15 truss head screws (2)
- 6mm flat washers (8)
- 6mm locknuts (4)
- rubber backed washers (2)
- 1/2" spacers (2)
- 7 x 40mm special (Honda) pinchbolts (2)

## WARRANTY

### RIFLE PRODUCTS

This warranty applies to products manufactured or distributed by **RIFLE**, 3140 El Camino Real, Atascadero, CA 93422, (805)466-5880, and sold by **RIFLE** and its authorized dealers. It is given to the first retail purchaser only and is not transferable to subsequent owners.

**WARRANTY OBLIGATION - RIFLE** warrants that it, or one of its authorized dealers, will repair or, at its option, replace any part proven to be defective in factory material or workmanship within one year (unlimited mileage) of the date of purchase. Parts repaired or replaced under this warranty are warranted only during the balance of the original warranty period. This warranty does not include any labor charges for troubleshooting, removal, installation or shipping costs.

**EXCLUSIONS FROM COVERAGE** - Any repairs or replacements of parts necessitated by misuse, negligence, fire, accident, damage caused by exposure to gasoline, brake fluid, harmful solvents and cleaners, paints, or repair material, use of unauthorized accessories or faulty installation, improper or unreasonable maintenance are not covered.

**DISCLAIMER OF CONSEQUENTIAL DAMAGES AND LIMITATIONS OF IMPLIED WARRANTIES** - To the extent the law permits, **RIFLE** shall not be liable under any circumstances for loss of use of the product, consequential or incidental damages. Any implied warranty arising under law, including those of merchantability and fitness for a particular purpose is limited to duration of this limited warranty.

**IMPORTANT:** Some states do not allow limitations on how long an implied warranty lasts and/or limitations or exclusions of consequential or incidental damages, so the above limitations may not apply to you.

## INTRODUCTION

These instructions contain important information regarding the proper installation and maintenance of your new **RIFLE** fairing. Read them completely and follow the recommendations for the most trouble-free and enjoyable use. Statements preceded by the following words are of special significance:

**WARNING:** means there is a possibility of injury to yourself and others if instructions are not followed.

**CAUTION:** means there is a possibility of damage to the product if instructions are not followed.

**NOTE:** indicates points of special interest.

These mounting instructions are intended to serve as a general installation guide rather than step by step instructions for individual motorcycles. **YOUR** motorcycle's installation may vary from normal and require some interpretation and ingenuity. If you experience a serious problem in installation contact us, we may already have the solution. In any case, do not cut up or modify the fairing without checking with us first or your warranty may be voided.

### 1. UPPER FAIRING MOUNT

The first step is to hold the fairing up against your bike's headlight and determine:

a) Which set of mounting holes in the top mounting brackets to use to bolt on the collet-lok struts. Try to position the strut tilted just forward from vertical.

b) A suitable attachment point for the bottom of the collet-lok struts. Most common is the pinch bolts on the top triple clamp using either the 90° or 120° brackets.

c) What approximate length the collet-lok struts must be adjusted to. Try to keep the struts as short as possible.

Any combination that clears your bike's instruments and fuel tank at full lock is acceptable.

After you have determined these mounting points, bolt the collet-lok struts to the top mounting brackets with the supplied 6 x 15 bolts and locknuts.

If you need to use the 90° or 120° brackets attach them to the top triple clamp. Be sure to check for any interference with the fuel tank.

## 2. HEADLIGHT STRUT

Bolt the 6mm slotted end of the headlight struts to the headlight recess in the fairing with the supplied truss head screws, aztec washers, flat washers and locknuts as shown. Be sure the rubber side of the aztec washers is against the fairing plastic

Remove the bolts that hold your bike's headlight bucket to the headlight stays. Replace them with the supplied 8 x 40 bolts, flat washers and rubber washers. If your bike's headlight bolts are recessed, use the 1/2" spacers between the rubber washers and the headlight stays. Don't tighten the 8 x 40 bolts up all the way, leave approximately 1/4" freeplay. You may find it necessary to remove the sealed beam in order to start the 8 x 40 bolts.

## 3. MOUNTING THE FAIRING

Carefully slide the open ended slot of the headlight struts onto the 8 x 40 bolts. Position the strut between the flat washers and the rubber washers.

Firmly holding the headlight recess of the fairing against your bike's headlight, tighten the 8 x 40 bolts. Be sure to check the headlight adjustment.

Attach the bottom of the collet-lok struts to the bike's top triple clamp either directly or to the previously installed 90° or 120° brackets.

Make sure the fairing is aligned properly and double check the tightness of all fasteners.

**NOTE:** the collet-lok strut is adjustable for the length by loosening and tightening the collet nut. The ends of the strut may be bent slightly (up to 45°) if necessary to fit.

**NOTE:** seat the headlight against the headlight ring as firmly as possible. This is a big factor in how rigid the fairing will be.

**WARNING:** proper pinch bolt tightening torque is essential to ensure your bike's safe handling. See your dealer if you have any questions, or call us. Also, some bikes have countersunk Allen head bolts which need to be replaced with metric hex bolts 15mm longer than normal to work with the **RIFLE** Nightflight fairing mounts.

## 4. INSTALLATION AND MAINTENANCE TIPS

**Mounting Hardware:** Very rarely, a **RIFLE Nightflight** may not fit using the standard mounting kit. If you experience a serious installation problem, contact us at (805)466-5880. We may already have the solution.

**Horns:** If the fairing blocks your bike's horns, it is usually possible to bend the horn mounts down 45° so the horns clear and the sound is not trapped behind the fairing. In exceptional cases you may want to relocate the horns. Horns need to vibrate a little to work so try to use the stock horn mounts.

**Turnsignal Interference:** If your bike's turnsignals hit the fairing, lift the edging and carefully trim the plastic with a file or grinder and replace the edging.

**Fasteners:** Check all fasteners periodically for tightness paying special attention to the nylon fasteners.

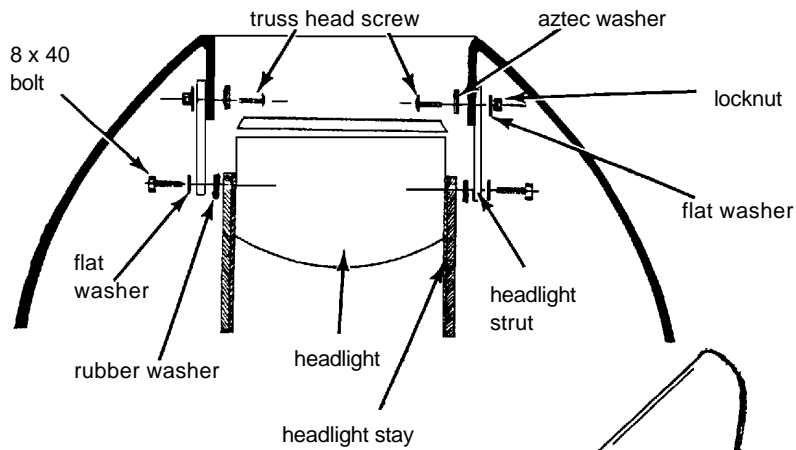
**Windshield Cleaning:** Use mild soap and water or glass cleaners like Windex and a soft cloth. Do not use solvents or abrasive cleaners. Scratches can usually be removed with plastic polish or automotive cleaner waxes.

**CAUTION:** Never allow brake fluid to come in contact with the fairing or windshield.

**Painting Tips:** Your **RIFLE** fairing can be repainted using standard automotive acrylic enamel or polyurethane paints. (Avoid Lacquer as it may adversely affect the plastic.)

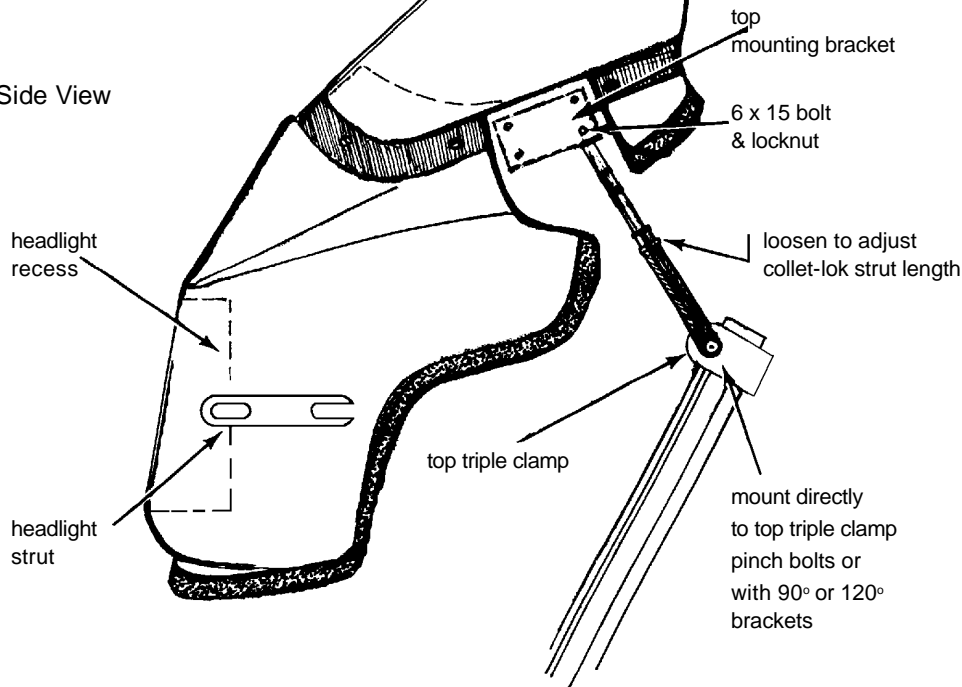
**Repairs:** Our testing indicates that structural damage to the fairing may be repaired with fiberglass cloth and resin kits available at auto parts stores. Sand the plastic surface to be repaired first and follow kit instructions. Other products that work are the various glass-filled body putty products with brand names like "Tiger's Hair" and "Dyna-Glas", etc., used to repair Corvette bodies.

Top View Cutaway



TYPICAL MOUNTING

Side View



**WARRANTY REGISTRATION/QUESTIONNAIRE**

For your warranty to be valid, you must fill out and mail this page to RIFLE, 3140 El Camino Real, Atascadero, CA 93422

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

RIFLE Model Purchased:      Sport      Superbike      Nightflight

Date of Purchase: \_\_\_\_\_

Where did you purchase: \_\_\_\_\_

Dealer Name and Address: \_\_\_\_\_

Your Bike Make: \_\_\_\_\_ Model: \_\_\_\_\_

Size (cc): \_\_\_\_\_ Year: \_\_\_\_\_ Color: \_\_\_\_\_

Did you consider buying a fairing other than RIFLE? \_\_\_\_\_

If yes, which one? \_\_\_\_\_

Why were you attracted to RIFLE? \_\_\_\_\_

What motorcycle magazines do you buy most?

- Cycle World       Motorcyclist       Rider       Road Rider

Other \_\_\_\_\_

Did you install the fairing yourself? \_\_\_\_\_

What do you like **least** about the fairing? \_\_\_\_\_

What accessories will you buy next for your bike? \_\_\_\_\_