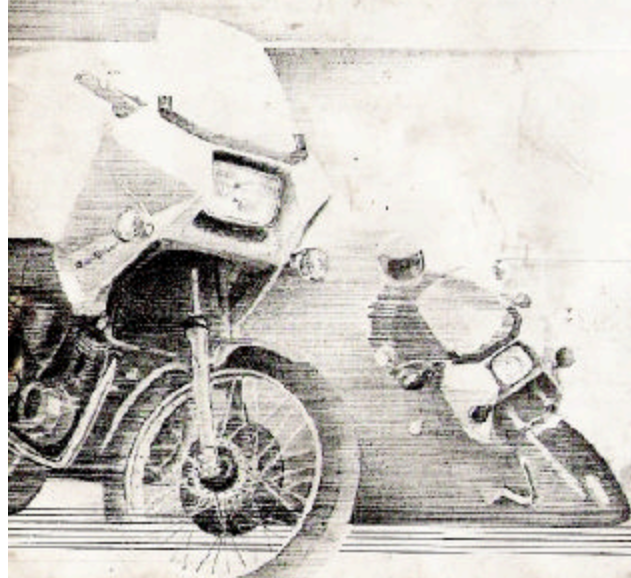


# CX500

**Honda CX500**  
**1978-79 Standard**  
**1979-80 Custom**  
**Deluxe**



**Quicksilver**  
**Mounting**  
**Instructions**

**Vetter**

Vetter Corporation San Luis Obispo, California

## **WARNING**

THIS BRACKETING AND THESE INSTRUCTIONS WERE DESIGNED SOLELY FOR USE IN MOUNTING THE VETTER QUICKSILVER FAIRING TO THIS SPECIFIC MOTORCYCLE. IF YOU ARE UNABLE TO DETERMINE IF THIS HARDWARE IS FOR YOUR MOTORCYCLE, CONTACT YOUR DEALER. IF YOUR DEALER IS UNAVAILABLE, CONTACT THE VETTER CORPORATION, CUSTOMER SERVICE DEPARTMENT, RANTOUL, IL 61856 (217) 893-9300. THESE INSTRUCTIONS CONTAIN VALUABLE INFORMATION FOR FUTURE REFERENCE. THEY MUST BE GIVEN TO THE CUSTOMER.

## **NOTE TO DEALERSHIP PERSONNEL:**

If you are installing the fairing, we ask that you adhere to this procedure. The CX500 is an unconventional machine, and the hardware mounting process is not the same as that used on standard cradle-frame motorcycles. Following these instructions will help ensure that your customer remains a customer.

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These instructions explain the procedure required to mount the Quicksilver fairing to your motorcycle. We urge you to follow the preparation and assembly sequence from start to finish.



# Prepare the Motorcycle

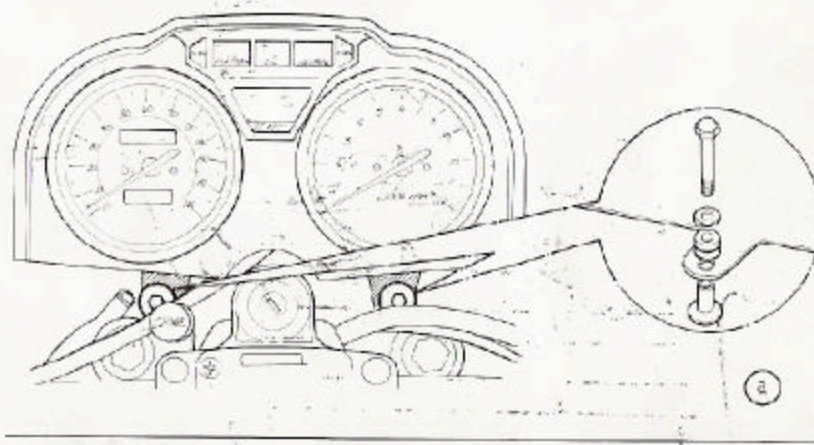
(UNLESS OTHERWISE NOTED, STEPS APPLY TO ALL MODELS.)

## Standard Model Only

1. Put the motorcycle on its center stand.
2. Remove the seat. Turn the petcock to the "off" position. Disconnect the fuel line and remove the gas tank.
3. Remove the phillips head screws in the headlight shell. Disconnect and remove the headlight.
4. Disconnect the speedometer and the tachometer cables at the headlight.
5. Disconnect all the wiring block connectors. Remove the green ground wire attached to the shell. Disconnect the turnsignal wires: Left-orange and orange/white; Right-light blue and light blue/white.

- A. Loosen the headlight shell/instrument panel by removing the two bolts on the triple clamp. Remove the complete assembly by pulling it forward and down. (illus. a)

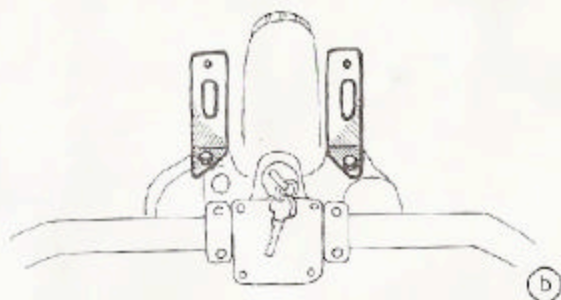
- B. Remove the two nuts in the headlight shell and detach the instrument panel. Put the instruments aside to be remounted. The shell and turnsignal assembly will not be reused.



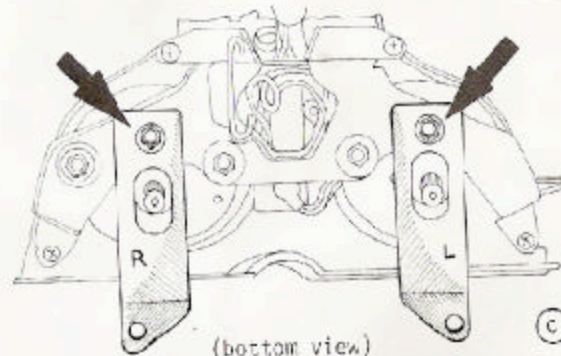
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## Standard Model Only

- A. Attach the supplied instrument mounting tabs to the upper triple clamp with two 6x15mm bolts and lock washers supplied. The tabs are right and left side, and must be positioned correctly. Do not tighten completely. (illus. b)



- B. Mount the instrument panel to the tabs with the original nuts. Center the instrument panel and tighten all bolts and nuts completely. Be careful not to pinch the clutch cable between the panel and ignition key housing. (illus. c)



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## Custom & Deluxe

A. Remove the nacelle.

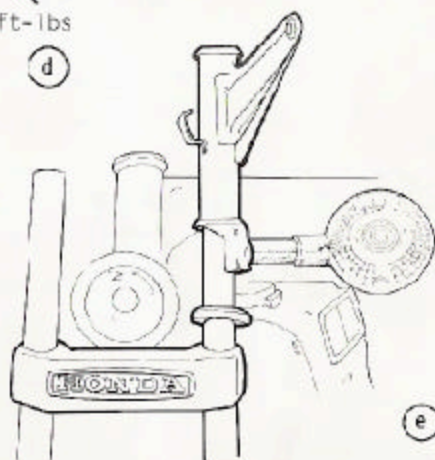
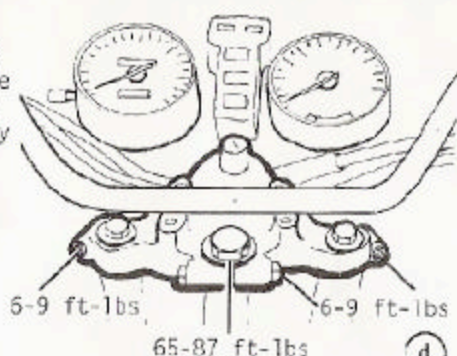
B. Remove the four plastic plugs in the handlebar clamp. Remove the four allen bolts and both clamps, sliding the choke away from the handlebar cover.

C. Remove the large cap nut and loosen the three pinch bolts on the triple clamp. (illus. d)

D. Temporarily replace an allen bolt on each side of the handlebar clamp to ease lifting. Lift the handlebar assembly carefully.

E. Remove the headlight stays/turnsignals and rubber grommets. (illus. e)

F. Remount the triple clamp. Remove the allen bolts on the handlebar assembly clamp. Tighten the large cap nut, and then tighten the pinch bolts. (illus. d) Remount the allen bolts and insert the plastic caps.



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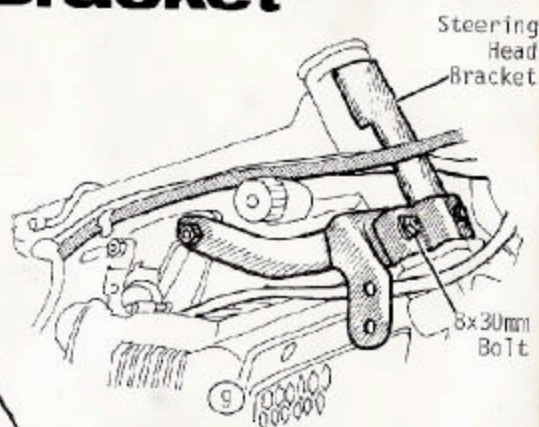
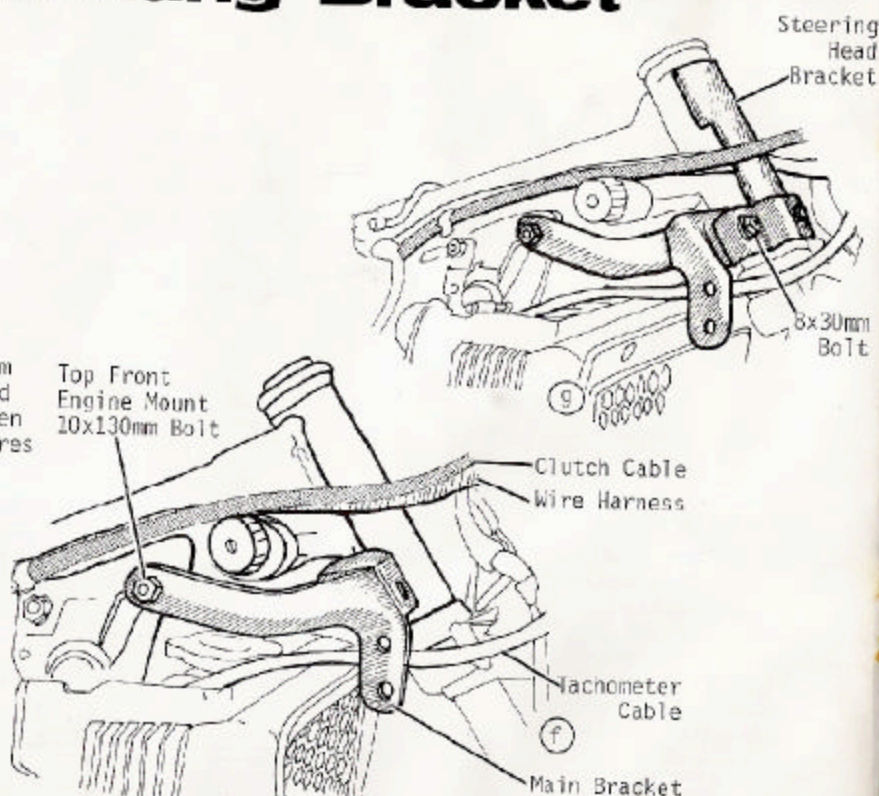
## Install Mounting Bracket

1. Remove the top front engine mount bolt. (illus. f)

2. Remove the wiring harness stay located under the left front engine bolt. Remove the rubber grommet on the right side. Remove the cables from the stay, then remove the stay.

3. Position the right and left main brackets. Install the provided 10x130mm bolt, 10mm flat washer, and 10mm locknut. Do not tighten completely. Be sure all wires and cables are outside the bracket. (illus. f)

4. Slide the steering head bracket under the wires and cables into position as shown. (illus. g) Attach it to the main brackets with two 8x30mm bolts, 8mm lock washers, and 8mm flat washers. Do not tighten completely.

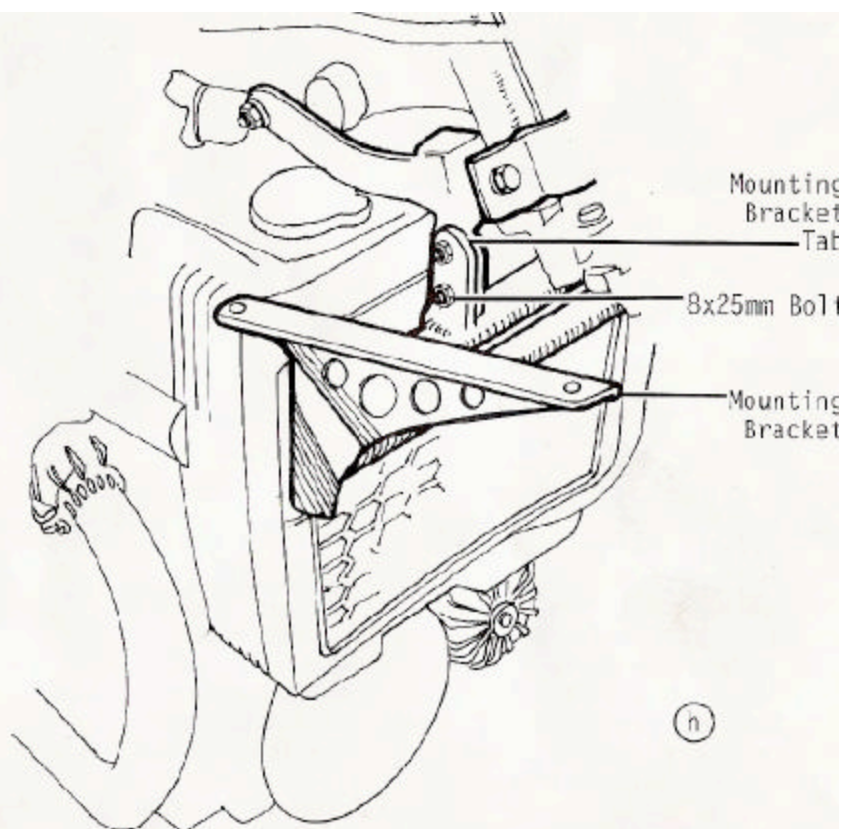


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5. Install the mounting bracket as shown with four 8x25mm bolts, 8mm flat washers (washers on both sides of the mounting bracket tabs), and 8mm locknuts. (Illus. h) Do not tighten completely.

6. Tighten all the mounting bracket tab bolts securely. (Illus. h) Tighten the 10x130mm main bracket bolt. (Illus. f) Tighten the steering head bracket bolts in an alternating pattern until tight. (Illus. g) Do not over tighten.



8. Remove the speedometer cable from the guide on the fender. Reroute the cable in front of the lower triple clamp beside the brake line, behind the nameplate.

### Standard Model Only

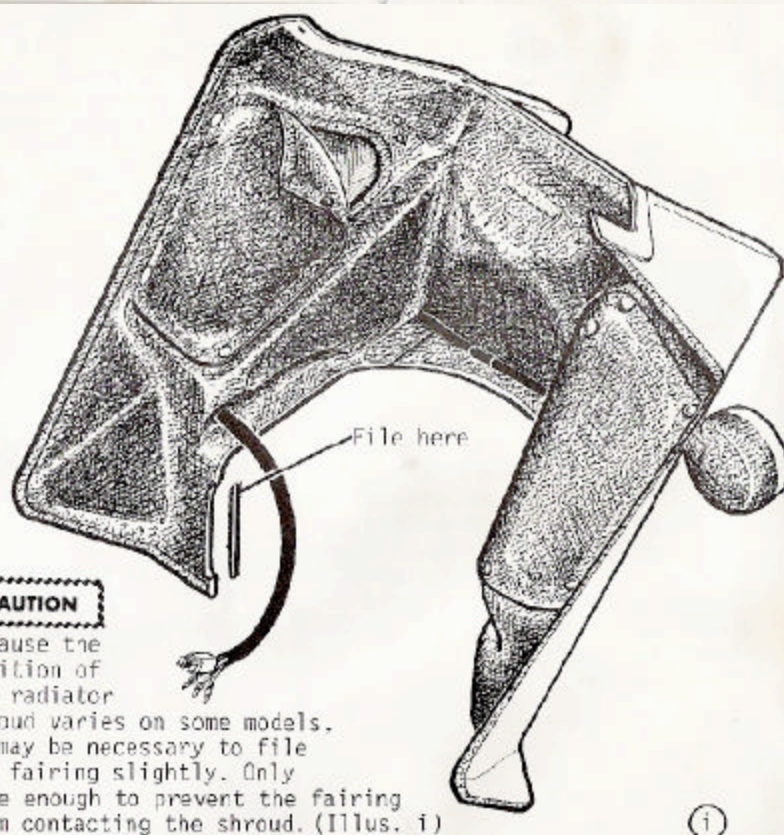
Secure the speedometer cable to the brake line with the short cable tie to prevent it from dampening the horn.

9. Make sure the tachometer cable stays below the right main bracket.

10. Replace the gas tank by lifting the rear and seating the front of the tank on the isolators, making sure all cables (except the tachometer cable) are above the isolators. Replace the gas tanks' rear bolt and reconnect the fuel lines. Replace the seat.

### CAUTION

Because the position of the radiator shroud varies on some models, it may be necessary to file the fairing slightly. Only file enough to prevent the fairing from contacting the shroud. (Illus. i)





# Electrical Connections

1. Temporarily hang the fairing on the mounting bracket as shown. (Illus. j)

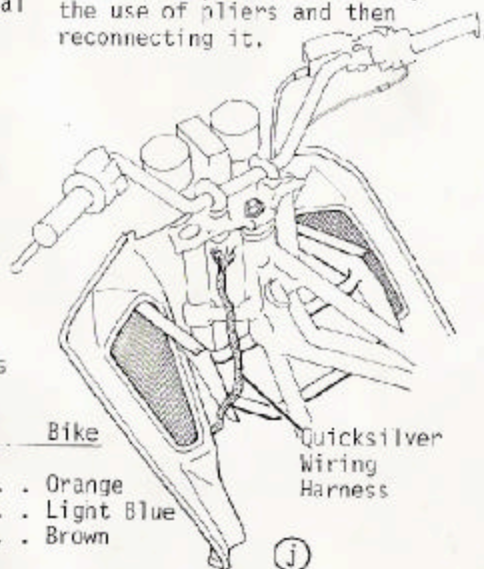
2. Refit all the wiring block connectors to their original counterparts.

3. Route the Vetter wiring harness between the frame and left fork tube as seen from the seat. (Illus. j) Attach the 3-prong plug in the harness to the motor-cycle's headlight socket.

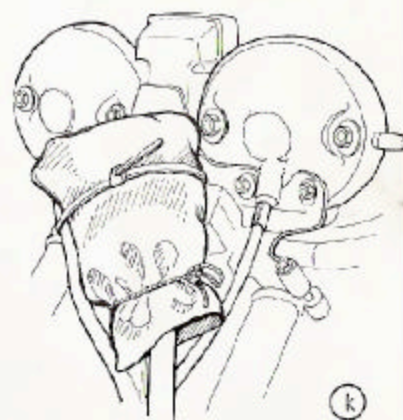
4. Connect the remaining wires following the color code:

Fairing	Function	Bike
Violet	Left Turnsignal	Orange
Blue	Right Turnsignal	Light Blue
Green	Running Lights	Brown

Plug the male bullets into the appropriate female connectors, and make sure they are tight. A loose bullet connection can be improved by unplugging the male connector, making the female receptacle smaller by the use of pliers and then reconnecting it.



5. Cover all the wiring connections with the black vinyl bag supplied. Cinch up the drawstring and position the bag upside-down to keep water out. Secure the long cable tie around the bag and tachometer cable. (Illus. k)



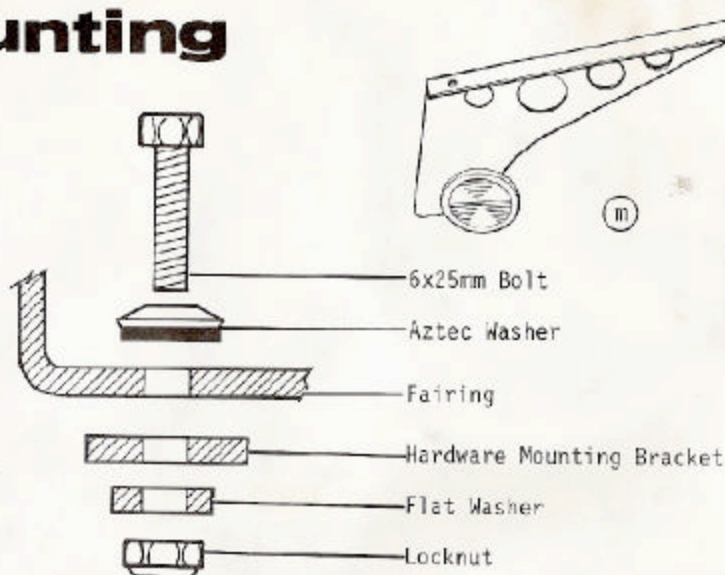
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# Fairing Mounting

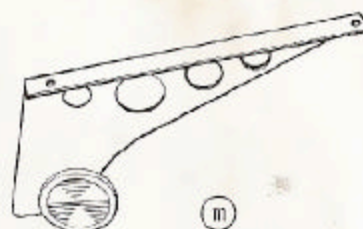
1. Prepare two of the four 6x25mm bolts with the provided Aztec washers. (Illus. l)

2. Set the fairing on the mounting rails and secure it at the rear mounting holes using the prepared bolts. Tighten only until the fairing rests securely. Forward mounting will take place after turnsignal installation.

3. Thread the supplied reflectors into the holes provided in the side plates as shown. (Illus. m)



① Rear Mounting Bolt Assembly

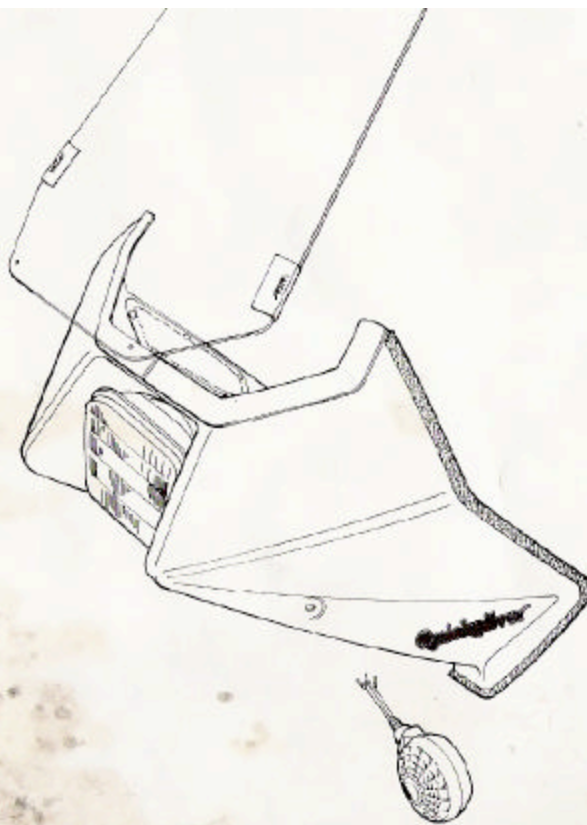




# CAUTION

Pinched or binding control cables can cause an accident. Make sure no cables or wires are pinched or binding at the steering head bracket or under the tank. Turn the handlebars full left and right checking that all controls function normally.

Refer to your Owner's Manual for turnsignal and windshield mounting instructions, and final adjustments. We suggest you insert these instructions in the Owner's Manual for future reference. (illus. n)



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1978-79 HONDA CX500, CUSTOM, DELUXE

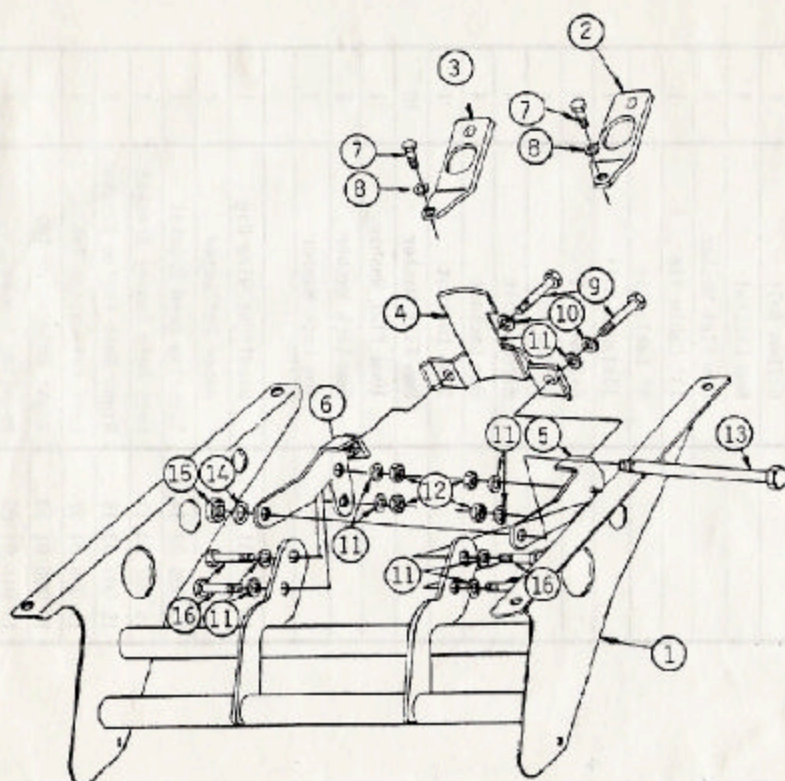
QUICKSILVER HARDWARE KIT

10 004 08 06

PACKING LIST

PART #	DESCRIPTION	QTY
14 010 07 04	Mounting Instructions	1
15 001 07 06	Hardware Bag	1
	5mm Aztec Washer	4
	6x25mm Bolt	4
	5mm Locknut	4
	5mm Flat Washer	4
	13" Cable Tie	1
	6" Cable Tie	1
	10x130mm Bolt	1
	6x15mm Bolt	4
	8x30mm Bolt	2
	8x25mm Bolt	4
	8mm Locknut	4
	10mm Locknut	1
	8mm Flat Washer	10
	10mm Flat Washer	1
	5mm Lock Washer	2
	8mm Lock Washer	2
18 022 01 01	Headlight Wire Bag	1
	Amber Reflector	2
15 006 07 14	Steering Head Bracket	1
15 007 03 15	Left Main Engine Bracket	1
15 007 03 16	Right Main Engine Bracket	1
15 006 01 32	Left Relocation Tab	1
15 006 01 33	Right Relocation Tab	1
15 016 01 08	Mounting Bracket	1

14 011 07 05  
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## Part Identification

- 1 Mounting Bracket
- 2 Right Relocation Tab
- 3 Left Relocation Tab
- 4 Steering Head Bracket
- 5 Right Main Engine Bracket
- 6 Left Main Engine Bracket
- 7 6x15mm Bolt
- 8 6mm Lock Washer
- 9 8x30mm Bolt
- 10 8mm Lock Washer
- 11 8mm Flat Washer
- 12 8mm Lock Washer
- 13 10x130mm Bolt
- 14 10mm Flat Washer
- 15 10mm Locknut
- 16 8x25mm Bolt