



# **YAMAHA XS11** **fairing Installation**

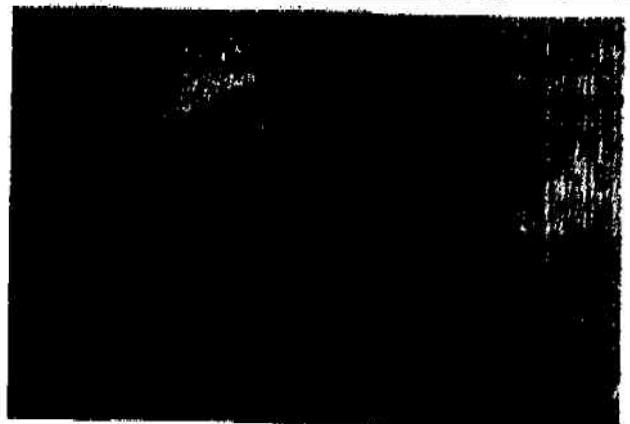
**PLEASE READ THESE INSTRUCTIONS  
THOROUGHLY BEFORE BEGINNING  
INSTALLATION**

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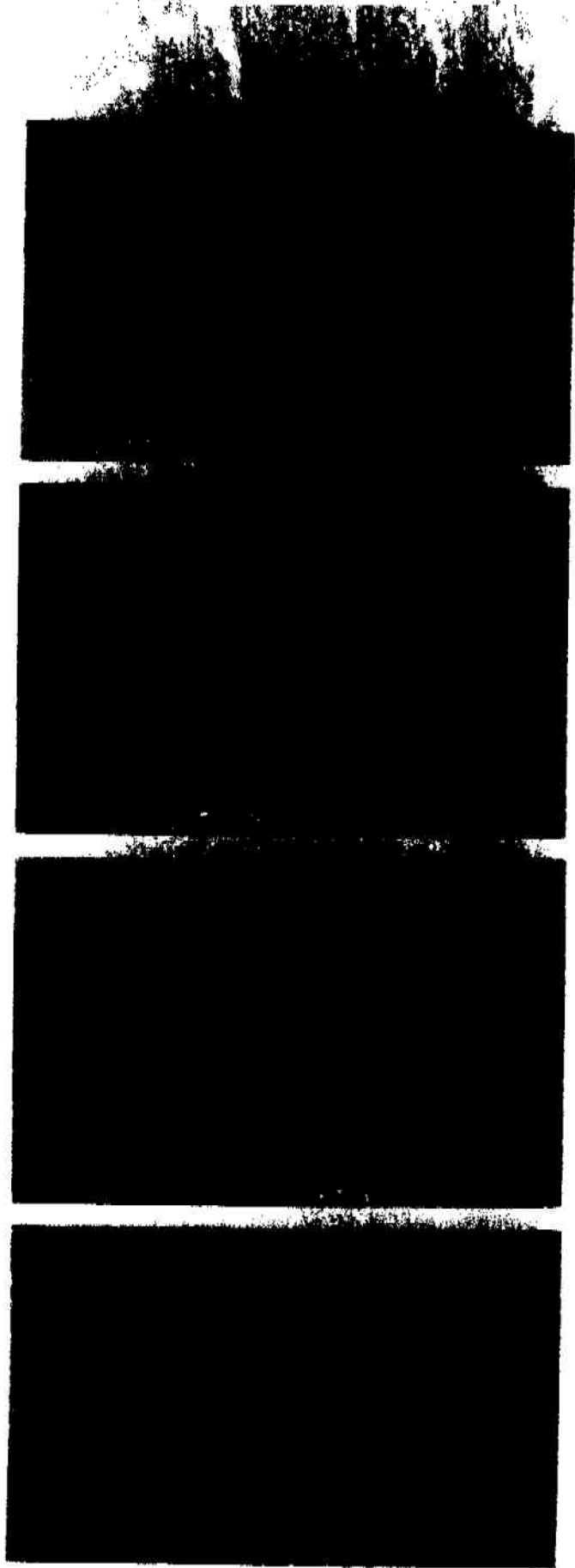
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1. Loosen 14mm bolts holding seat. Slide bolts forward and remove seat.
2. Remove fuel overflow pipe, fuel tank holding bolt and fuel gauge wire connector. At the 2 petcocks, remove the vacuum hoses and fuel hoses. (not shown) Remove fuel tank.
3. Remove headlight from shell. Remove headlight at white 3-pin connector.
4. Disconnect all white wire connectors inside headlight shell. Pull wire harness out of the headlight shell.
5. Remove triple clamp by removing the following: steering stem nut, stem pinch bolt, 2 fork pinch bolts. Remove speedometer cable at speedometer.
6. Lay the handlebar triple clamp assembly to one side of the forks. Remove the headlight adjuster screw at the bottom of the shell. Remove the entire headlight shell.
7. Remove left fork cap, spacer, and spring. Install new fork spring, spacer and cap. When left assembly is complete, repeat procedure with right fork.  
**WARNING:** Complete one fork spring replacement at a time. If both caps are removed, the weight of the motorcycle could cause it to fall forward, possibly causing injury or damage.



8. Reinstall handlebar and triple clamp assembly, without headlight shell. Tighten fittings in the following order: stem bolt (8 m-kg), stem pinch (2m-kg), and 2 fork pinch bolts (2 m-kg). Attach the speedometer cable.
  
9. Remove 2 lower clamp pinch bolts on each fork and remove both turn signals. Retighten to 2 m-kg torque after signals are removed.
  
10. Reroute left and right wire harnesses (1) between the frame down-tubes and (2) through the wire guide loop on the frame. Make a loop in each harness as shown to reduce slack. (Each harness will be routed directly above the coils, through the slack reducing loop, and through the wire guide.)
  
11. Install top bracket with two bolts and lockwashers.

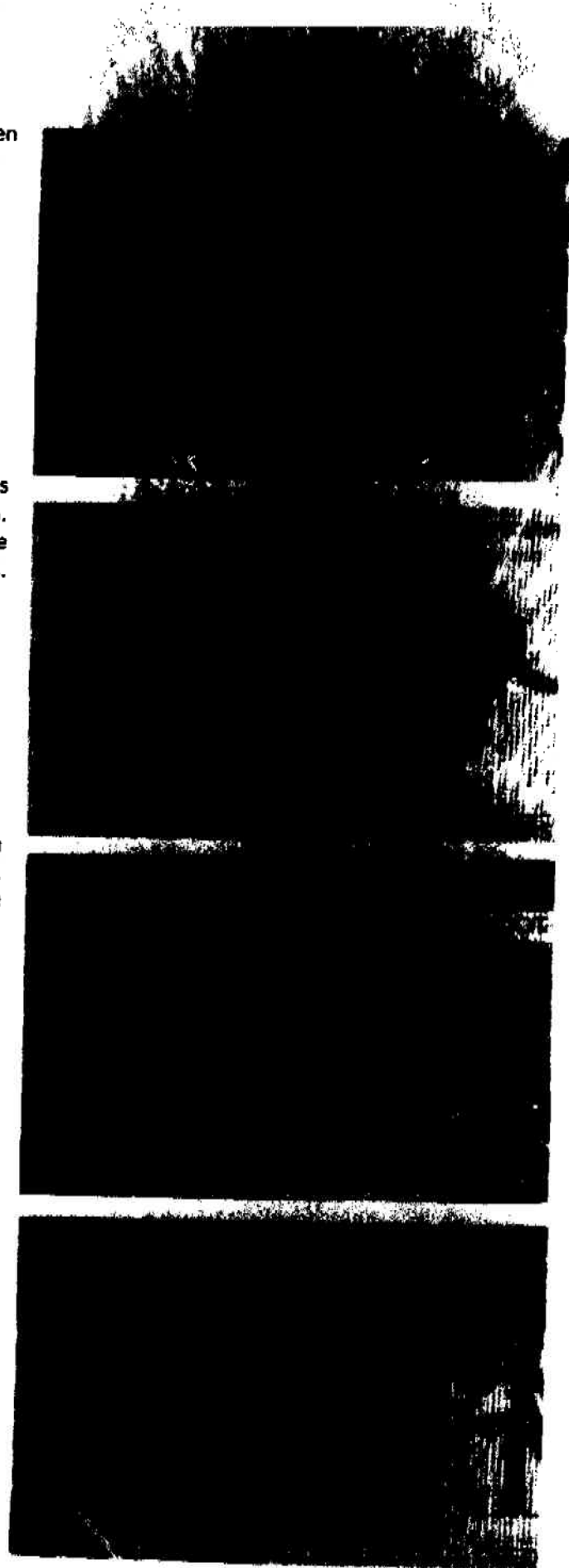


12. Place the lower bracket in place and finger-tighten the two 10mm bolts with lockwashers.

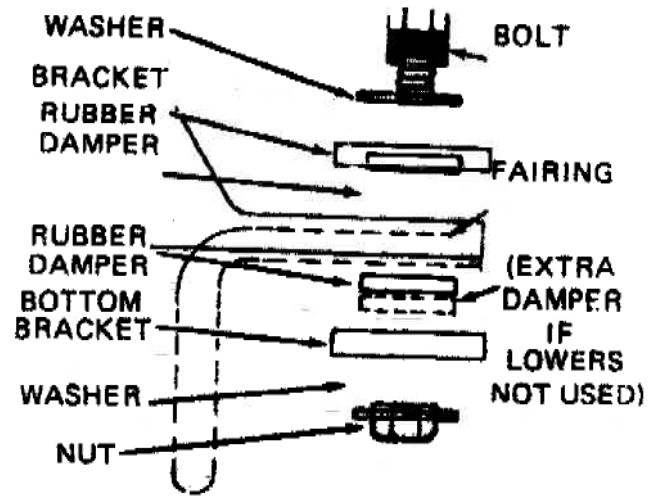
13. Remove instrument panel center 8mm acorn nuts and washers. Install the stud extenders and tighten. Place top holes of the wire harness boot over the extenders and temporarily install the acorn nuts.

14. Add the fairing wiring harness. There are extra 16 gauge wires (orange) for optional accessories. There is an extra 12V lead (red wire) from the motorcycle wire harness that can be used for an accessory.

15. Install rubber dampers on the mounting surfaces of the 2 brackets as shown. Use adhesive if necessary. NOTE: If lowers are not installed, use one more damper (total of 3 on each side).



16. Bolt the fairing to the brackets. Install a washer and bolt on the top of the fairing. Use a lockwasher and bolt at the bottom fairing mount.
17. The bottom bracket mounts are still only finger tight. Align the fairing. If necessary, measure with a string from the edge of one side of the fairing directly to the level ground, and the corresponding opposite side of the fairing to the ground. Both string measurements should be equal. When aligned, tighten the bottom bracket bolts.



18. Route fairing wire harness between the left fork and the steering head, as shown. Make sure there is enough harness slack for steering lock-to-lock operation before connecting the wire harness coupler to the fairing body.

19. Install windshield carefully. Do not overtighten the plastic windshield screws. Start at the bottom (center) and tighten towards the outside screws.

NOTE: The space at the bottom ends of the windshield gasket is a DRAIN HOLE. Do not attempt to plug it.

20. Re-install fuel tank and seat. If necessary, review steps 1 and 2.

#### INSTRUMENT MOUNTING (OPTIONAL)

(The center panel may be used for a radio, CB, or instrument mounting. Side mounting of instruments is shown here.)

Drill a 2-inch hole for each hole for each instrument. Install a grommet in each hole. Position the wire harness connections before installing instruments. Make sure the correct connections are made, then press each connected instrument into its location.

