XJ750RH, RJ

REAR PACKAGE INSTALLATION



Particularly important information is distinguished in this manual by the following notations:

NOTE: A NOTE provides key information to make procedures easier or clearer.

CAUTION: A CAUTION indicates special procedures that must be followed to avoid damage to the motorcycle.

WARNING: A WARNING indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.

XJ750RH, RJ
REAR PACKAGE INSTALLATION
©1982 by Yamaha Parts Distributors Incorporated
1st edition, July 1982
All rights reserved. Any reprinting or
unauthorized use without the written
permission of Yamaha Parts Distributors Incorporated
is expressly prohibited.
Printed in U.S.A.
P/N PAK-5G251-00-00

INTRODUCTION

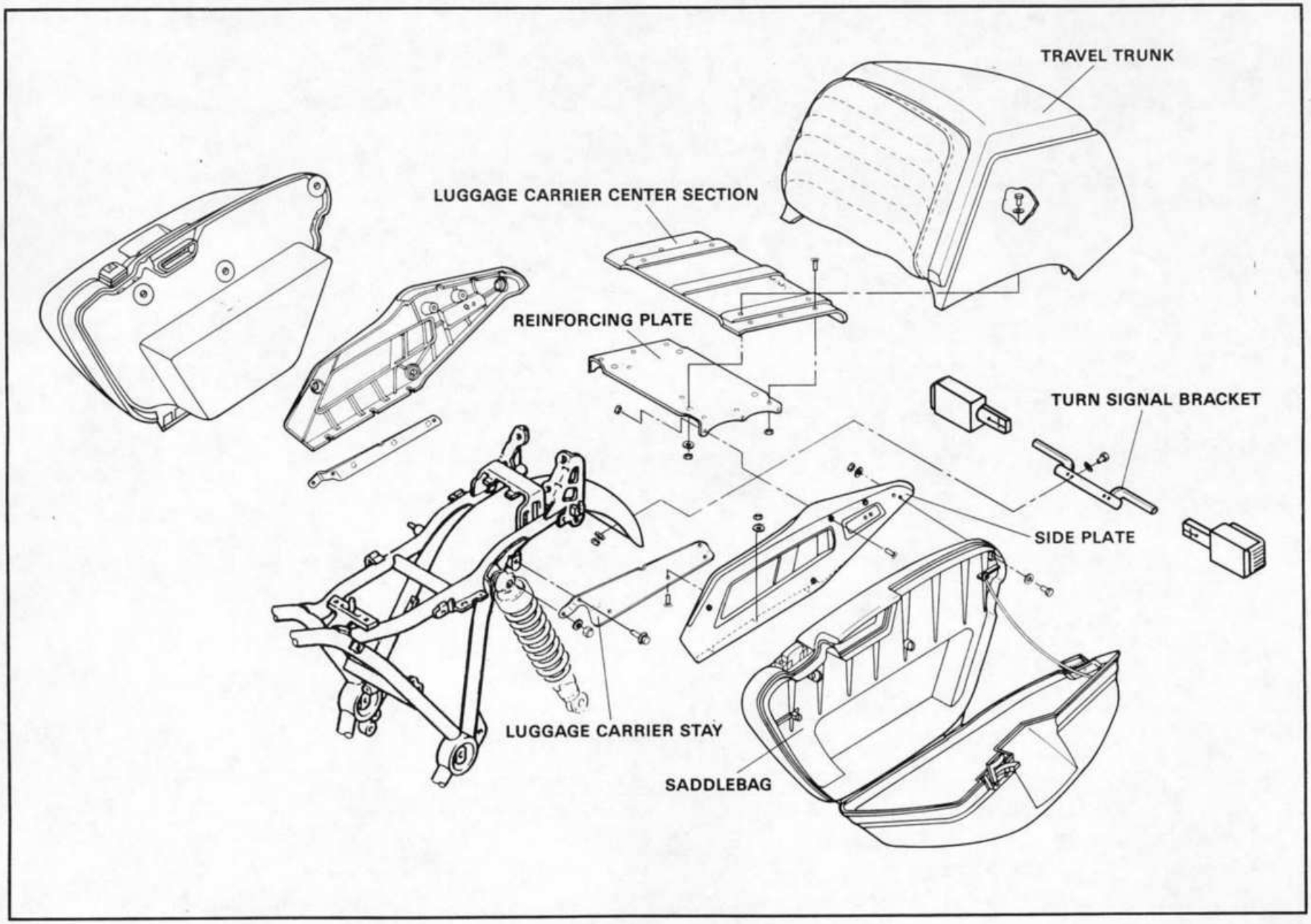
These instructions describe the procedures for properly installing a rear package onto an XJ750RH or XJ750RJ. The rear package consists of the following:

Luggage Carrier Assembly ABA-5G251-00-00,
Travel Trunk Assembly ABA-5G262-00-00,
Saddlebag Assembly ABA-5G271-00-00.

Please study these instructions before beginning, and sort the hardware so it will be readily available when you need it. These instructions contain important information; retain them for future reference. If you are a dealer, give these instructions to the customer, and instruct him to retain them for future reference.

PARTS LIST

PART	QTY	PART	QTY
Luggage Carrier Assembly		Saddlebag Assembly	
Luggage Carrier Stay, left	1	Saddlebag, left	1
Luggage Carrier Stay, right	1	Saddlebag, right	1
Side Plate, left	1	Saddlebag Liner, left	1
Side Plate, right	1	Saddlebar Liner, right	1
Luggage Carrier Center Section	1	Turn Signal Bracket	1
Reinforcing Plate	1	Turn Signal Extension Wires	4
Seat Pin	1	8 x 25mm Bolts	6
6 x 25mm Flat-head Allen Bolts	8	8mm Nuts	6
6 x 30mm Flat-head Allen Bolts	2	8mm Flat Washers	10
6 x 35mm Flat-head Allen Bolts	2		
8 x 25mm Flat-head Allen Bolts	6	Travel Trunk Assembly	
8 x 20mm Flange Bolts	4	Travel Trunk	1
6mm Nuts	12	8 x 35mm Bolts	4
8mm Nuts	6	8mm Nuts	4
8mm Flat Washers	8	8mm Flat Washers	8
Rubber Fender Washers	4		

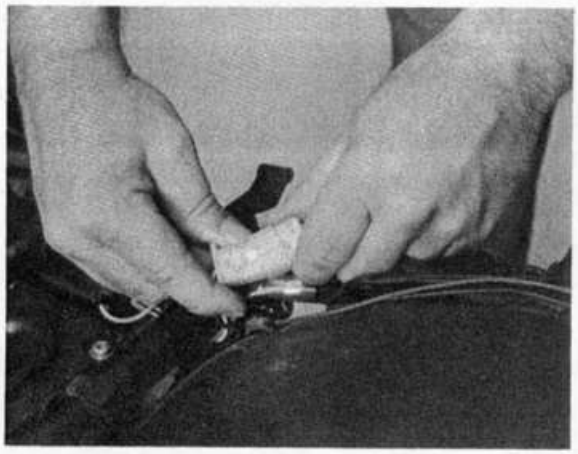

TRAVEL TRUNK
LUGGAGE CARRIER CENTER SECTION
REINFORCING PLATE
TURN SIGNAL BRACKET
SIDE PLATE
LUGGAGE CARRIER STAY
SADDLEBAG

PROCEDURE:

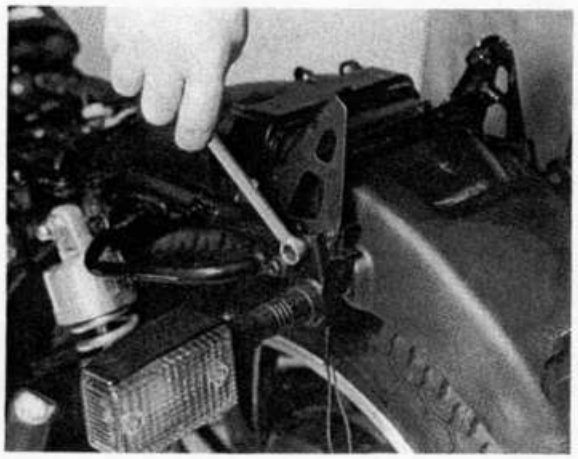
1. Remove the seat from the motorcycle. Remove and discard the seat restraint and the hinge pins; however, do not lose the hinge pin clips.

2. Remove the side covers and the grab bar.

3. Unplug the tail section at the connector, and remove the tail section from the motorcycle.



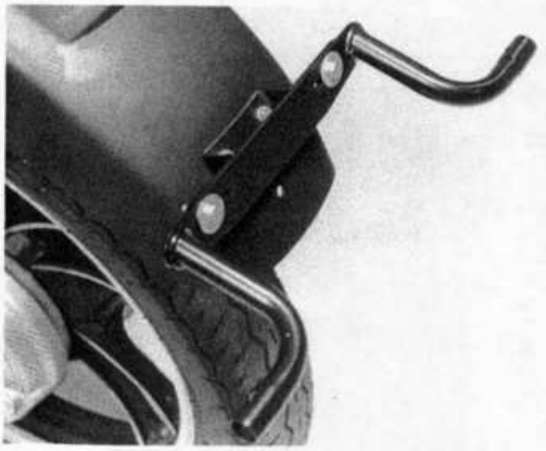
4. Disconnect the turn signals, and remove the turn-signal mounts from the motorcycle.



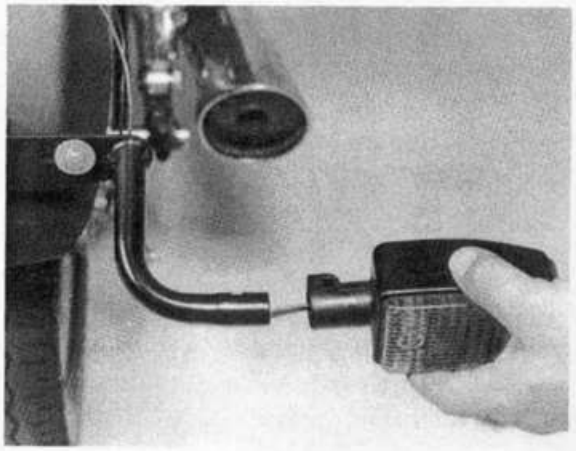
5. Remove the lift bar from the motorcycle.

6. Install the turn-signal bracket and the license plate onto the license plate mount. Center the bracket on the mount, and secure it in place with the original license plate hardware.

TIGHTENING TORQUE: 1.0 m-kg (7.2 ft-lb)

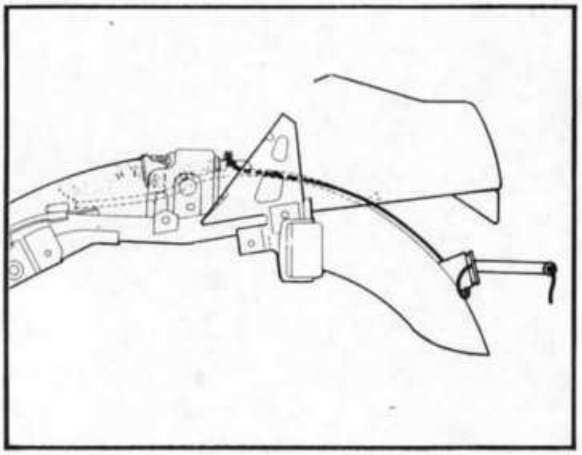


7. Remove the turn signals from the stalk, route the wires through the turn-signal mount, and secure the signals with the original hardware. Be sure each signal is mounted on the correct side. The right-side signal has black and green leads; the left signal has black and chocolate leads.



8. Install the extension wires onto the turn-signal leads, route the wires neatly along the frame as shown in the routing diagram, and connect the extension wires to the appropriate leads from the motorcycle harness. Since all extension wires are black, be sure the extension wire from the green turn-signal lead plugs into the green lead from the wiring

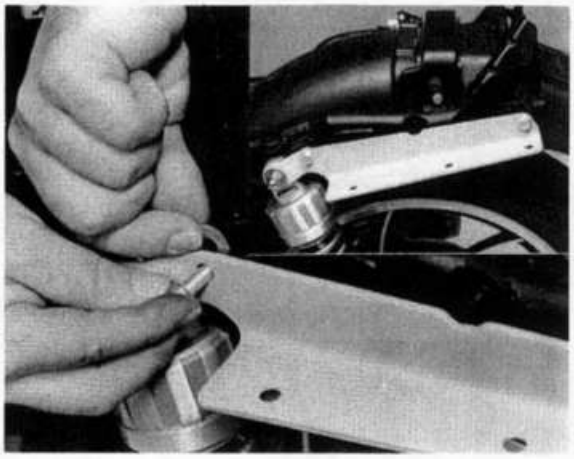
harness. The extension from chocolate turn-signal lead must connect with the chocolate lead from the wiring harness. The two remaining extension wires connect to ground (black).



9. Install a stay on each side of the motorcycle. The forward mounting point on the stay bolts to the upper shock mount, the rear mounting point to the original turn-signal mount, and the middle mount bolts to the accessory mount.

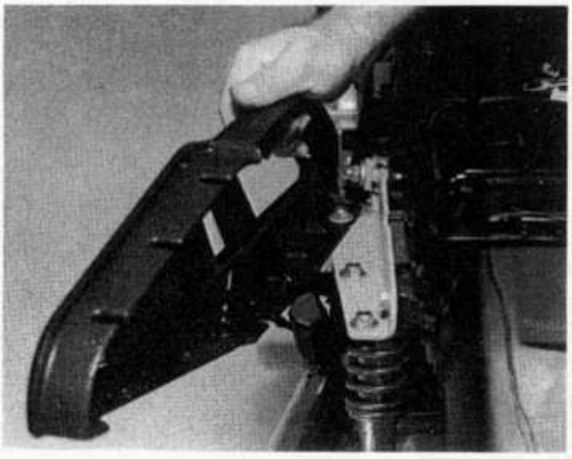
   Remove the acorn nut and washer from one shock absorber. Slide the support bracket over the shock mount, and reinstall the washer and acorn nut. Secure the stay to the original turn-signal mount with an 8 x 20mm flange bolt. Also secure the the stay to the accessory mount with an 8 x 30mm flange bolt, however, insert a spacer between the stay and the accessory mount as shown in the photograph. Torque all hardware to specification. Repeat this procedure on the other side.

   TIGHTENING TORQUE:
   Acorn Nut: 3.0 m-kg (21.7 ft-lb)
   Flange Bolt: 2.0 m-kg (14.5 ft-lb)



10. Bolt a side plate onto each stay. Secure each plate in place with three 8 x 25mm flat-head allen bolts each with a washer and locknut. Loosely install the hardware on the stay, then slip the side plate under the washers. Torque the hardware to specification.

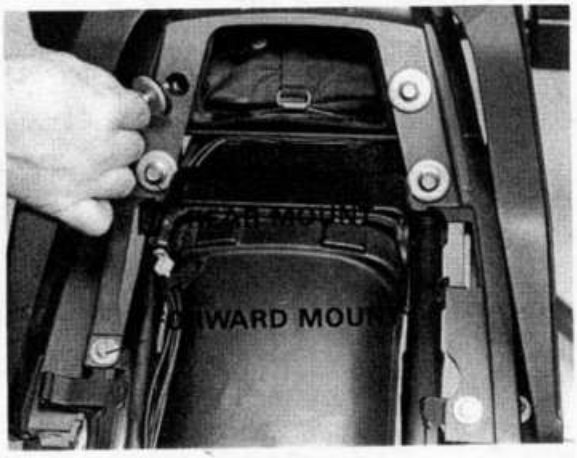
    TIGHTENING TORQUE: 2.0 m-kg (14.5 ft-lb)



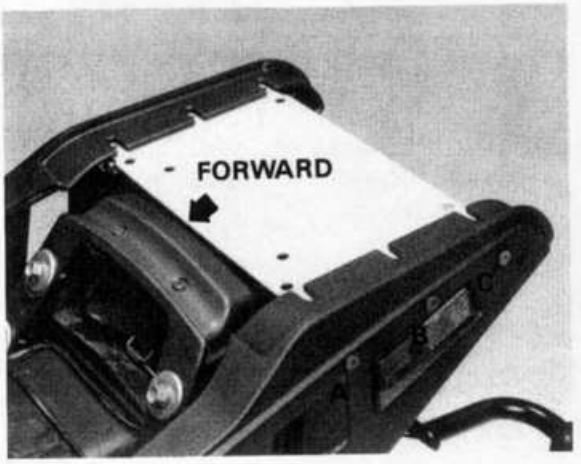
11. Reinstall the tail section onto the motorcycle. Place rags along the tail to protect it against scratches, and **carefully** spread the side plates. From the rear of the

motorcycle, slide the tail section forward and in place. The tail section fits beneath the seat hinge bracket on the right side. Secure the tail section with the original hardware plus the four large washers enclosed with the kit. Insert the rubber washers between the large washers and the tail, and secure the four rear mounts on the tail section. Secure the two forward mounts with the original 6mm bolts. Torque the hardware to specification, and reconnect the tail section to wiring harness.

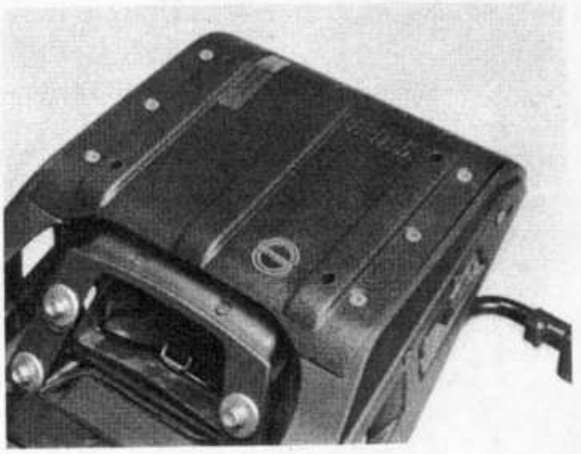
TIGHTENING TORQUE:
Forward Mounts: 0.5 m-kg (3.6 ft-lb)
Rear Mounts: 1.0 m-kg (7.2 ft-lb)



12. Install the reinforcing plate between the side plates. Spread the side plates and slip the reinforcing plate in place beneath them. Be sure the side with the two innermost holes faces forward as shown in the photograph. Secure the reinforcing plate with a 6 x 35 mm flat-head allen bolt at point A, 6 x 30mm allen at point B, and a 6 x 25mm allen at point C. Fingertighten the locknut on each bolt.



13. Install the luggage-carrier center section onto the reinforcing plate. Use six 6 x 25mm flat-head allen bolts and locknuts to secure it in place; fingertighten each nut.

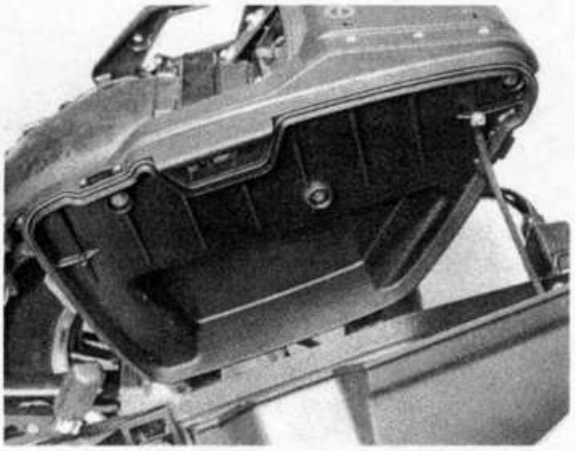


14. Torque the reinforcing plate securing hardware to specification, then torque the luggage-carrier center section hardware to specification.

TIGHTENING TORQUE:
Reinforcing Plate: 0.5 m-kg (3.6 ft-lb)
Center section: 0.5 m-kg (3.6 ft-lb)

15. Install a saddlebag onto each sideplate. Use an 8 x 25mm bolt and locknut at each of the three mounting points. On the two outside mounting points, use two flat washers with each bolt: one on the saddlebag side, the other on the sideplate side. On the center mounting point, install a flat washer only on the bolt side of the saddlebag. This mount does not use a flat washer on the sideplate side; it has a moulded cutout for the locknut. Install all the hardware, then torque to specificaton.

TIGHTENING TORQUE: 1.0 m-kg (7.2 ft-lb)

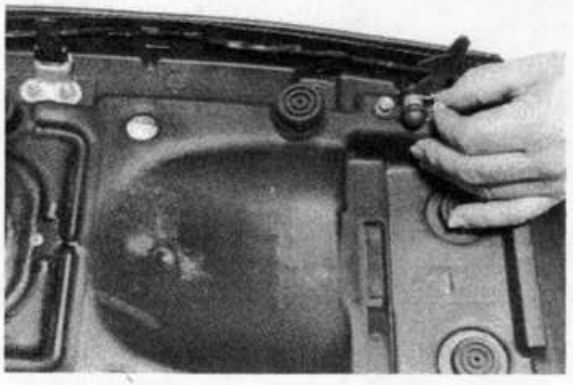


16. Install the travel trunk onto the luggage-carrier center section. Use a flat washer and locknut with each of the four 8 x 35mm bolts. Place the washer on trunk side of each bolt, and torque the nuts to specification.

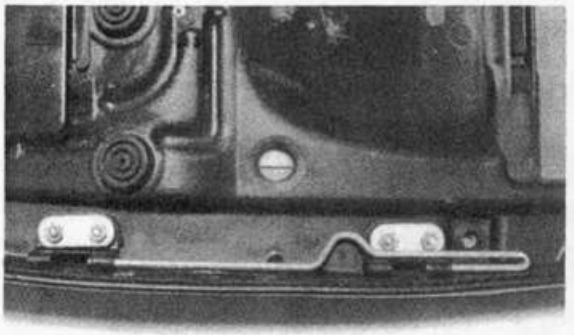
TIGHTENING TORQUE: 1.0 m-kg (7.2 ft-lb)



17. Remove the rear latch from the seat.

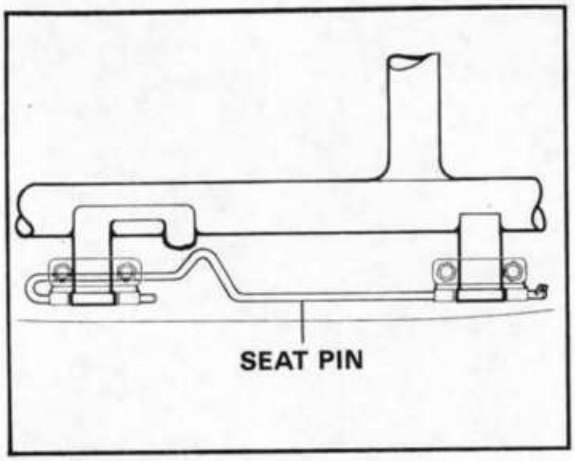


18. Set the new hinge pin in place in both seat hinges as shown in the photograph.



FORWARD ➡

19. Install the seat onto the motorcycle. Place the rear of the seat beneath the back rest pad, and drop the seat into place on the motorcycle. Align the hinge segments on the frame with the corresponding segments on the seat, slide the hinge pin forward, and lock the seat in place. Install the clip through the hole in the hinge pin.

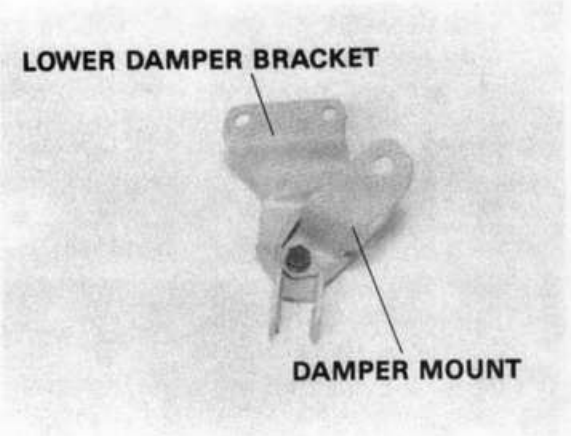


20. Reinstall the side covers onto the motorcycle.

INSTALL THE STEERING DAMPER

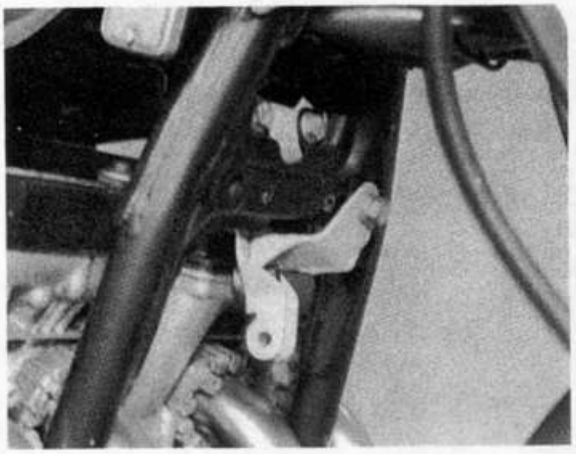
NOTE: If you are also installing a fairing onto your motorcycle, do not install the steering damper now. Wait until instructed to do so during fairing installation.

21. Loosely install the damper mount onto the lower damper bracket. Thread an 8 x 15mm bolt with lock washer into the weld nut on the damper bracket.

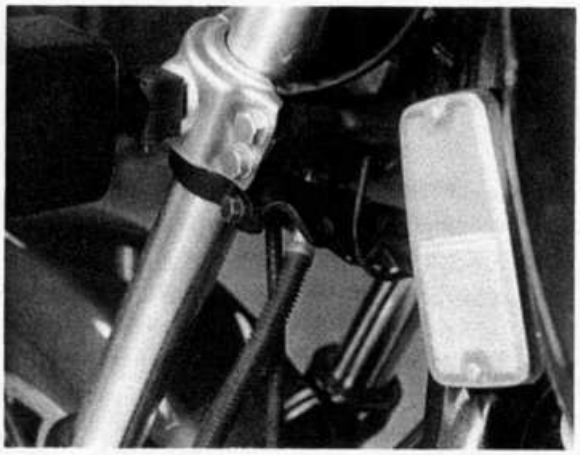


22. Install the lower damper-bracket assembly onto the crossmember. Slip the assembly in place on the crossmember. The damper bracket must be behind the crossmember while the damper mount must be in front of the crossmember. Install an 8 x 20mm bolt with lock washer, flat washer, and spacer through each mount on the crossmember, through each hole in the damper bracket, and thread it into an 8mm locknut. Secure the damper mount to the crossmember with a 10 x 30mm bolt and lock washer. Torque the hardware to specification.

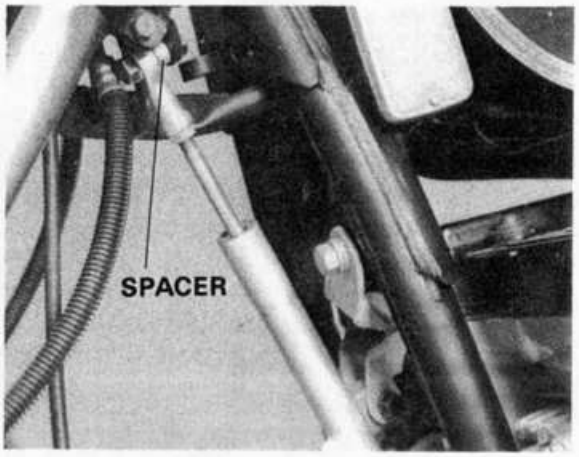
TIGHTENING TORQUE:
Damper Bracket Nut: 2.0 m-kg (14.5 ft-lb)
Damper Mount Bolt: 3.5~4.0 m-kg (25.0~29.0 ft-lb)



23. Loosely install the upper damper bracket onto the left fork tube as shown in the photograph. Thread the 6 x 20mm bolts with lock washer into the weld nut on the bracket. Be sure the damper mounting tab bends down as shown in the photograph.



24. Install the steering damper. The steering damper must bolt to the upper damper bracket at the forks and to the damper mount at the crossmember. Use an 8 x 40mm bolt with two flat washers and a nut to secure the damper to the damper mount; then secure the damper to the upper damper bracket. Install an 8 x 30mm bolt through the ball joint in the damper, install the spacer onto the bolt, then insert the bolt through the damper bracket and secure it with a flat washer and locknut.



25. Check for full movement of the front wheel from lock to lock. Adjust to the mounts as necessary to assure full movement of the front wheel, then torque the hardware to specification.

TIGHTENING TORQUE:
Upper Damper Bracket Bolt: 1.0 m-kg (7.2 ft-lb)
Lower Damper Nut: 2.0 m-kg (14.5 ft-lb)
Upper Damper Nut: 2.0 m-kg (14.5 ft-lb)

USE AND CARE

Wash your accessories with the same care you use when washing your motorcycle. Use mild soap and water, but **do not** use high-pressure spray washes.

WARNING:

A saddlebag system adds considerable width to the rear of the motorcycle. Be careful when riding the motorcycle with saddlebags; leave sufficient clearance between the motorcycle and other objects. Never ride a motorcycle with only one saddlebag.

LOADING YOUR MOTORCYCLE

The luggage rack system weighs 8.5 pounds, the trunk weighs 8.5 pounds, and each saddlebag weighs 7 pounds. Together, the entire rear end package weighs 31 pounds. Each accessory adds its own weight to the load of the motorcycle. Consider the weight of all acccessories when loading your motorcycle.

WARNING:

Proper loading of your motorcycle is important for the handling, braking, and other performance and safety characteristics of your motorcycle. Do not carry loosely packed items that can shift. Securely pack your heaviest items close to the center of the motorcycle, and distribute the weight evenly from side to side. Properly adjust the suspension for your load, and check the condition and pressure of your tires. Never overload your motorcycle or any accessory. Make sure the total weight of the cargo, rider,

passenger, and accessories (fairing, saddlebags, etc.) does not exceed the maximum load limit of the motorcycle. Operation of an overloaded motorcycle could cause tire damage, an accident, or even injury. Refer to your owner's manual for the maximum load limit of your motorcycle.

Be careful when loading any accessory. An overloaded acessory could cause an accident or injury.

The maximum load limit of saddlebags is 15 pounds. Do not put more than 15 pounds of materials into or on any saddlebag.

The maximum load limit of the travel trunk is 15 pounds. Do not put more than 15 pounds of materials into or on the travel trunk.

The maximum load limit of the luggage rack is 15 pounds. Do not put more than 15 pounds of materials on the rack.

TIRE PRESSURE

WARNING:

Proper tire pressure is important for the handling, braking, and other performance and safety characteristics of your motorcycle. Always check and adjust the tire pressure before operating your motorcycle. Check and adjust the tire pressure when the temperature of the tires equals the ambient air temperature. Tire inflation pressure must be adjusted according to the total weight of cargo, rider, passenger, and accessories (fairing, saddlebags, etc.), and vehicle speed. Refer to your owner's manual for recommended tire pressure.

WARNING:

Never modify a saddlebag, trunk, or luggage carrier. These accessories were designed and tested to be compatible with your motorcycle. An unauthorized modification could damage the accessory, the motorcycle, or cause an accident which could injure the rider or passenger. Warranty coverage for the motorcycle and/or the accessory may be disallowed because of unauthorized modifications.