

2002-2003 GL1800/A Frame Weld Safety Recall

Dealer Procedures*



*Refer to Service Bulletin GL1800/A #14



GL1800 Frame Preparation/Disassembly

SERVICE INFORMATION

This booklet covers the Disassembly, Welding, and Re-assembly procedures necessary for this Safety Recall. If you have Inspection or Warranty questions, see **Service Bulletin GL1800/A #14**.

Follow the procedures in this booklet carefully to prepare the GL1800/A for frame welding.

If there are any Genuine Honda or aftermarket accessories installed on the vehicle that will interfere with the procedures in this booklet, you must remove them first.

A Few Words About Safety

The service and repair information in this manual is intended for use by qualified, professional technicians. Attempting to use it without the proper training, tools, and equipment could cause injury to you or others. It could also damage the vehicle or create an unsafe condition.

Because this manual is intended for the professional service technician, we do not provide warnings about many basic shop safety practices (e.g., hot parts - wear gloves). If you have not received shop safety training, or do not feel confident about your knowledge of safe servicing practices, we recommend that you do not attempt to perform the procedures described in this manual.

Some of the most important general service safety precautions are given on the following page. However, we cannot warn you of every conceivable hazard that can arise in performing the required procedures. Only you can decide whether or not you should perform a given task.

WARNING

Failure to properly follow instructions and precautions can cause you or others to be seriously hurt or killed.

Follow the procedures and precautions in this manual carefully.

Important Safety Precautions

- Make sure you have a clear understanding of all basic shop safety practices.
- Read all the instructions before you begin, and make sure you have the tools and skills required to perform the tasks.
- Wear proper eye protection, gloves, safety shoes, and other protective wear when needed.
- Be sure the engine and exhaust system are cool before working in those areas.
- To prevent fire or explosion, keep all cigarettes, sparks, and flames away when working around gasoline or batteries, and never drain or store gasoline in an open container.
- Make sure the vehicle is securely supported anytime you lift it on a hoist or stand.

Tools and Supplies

- Phillips screwdriver
- Flat-head screwdriver
- Hex wrench (5 and 6 mm)
- Open-end wrench (10 and 14 mm)
- Ratchet
- Medium length ratchet extension
- Socket (8, 10, 12, and 14 mm)
- Torque wrench
- Needle nose pliers
- Shop towel
- Red duct tape (will be used by welder for safety identification)

Parts Needed

Frame Parts Kit (Weld)
P/N: 18390-MCA-305
H/C: 7620982

Parts kit includes the following parts:

- Fiber washer (8)
 - Exhaust gasket (6)
 - Muffler packing (3)
 - Shock linkage seal (2)
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1. REMOVE THE FUEL TO APPROXIMATELY 1/4 TANK.



2. SET THE REAR SHOCK SPRING PRELOAD TO "0".

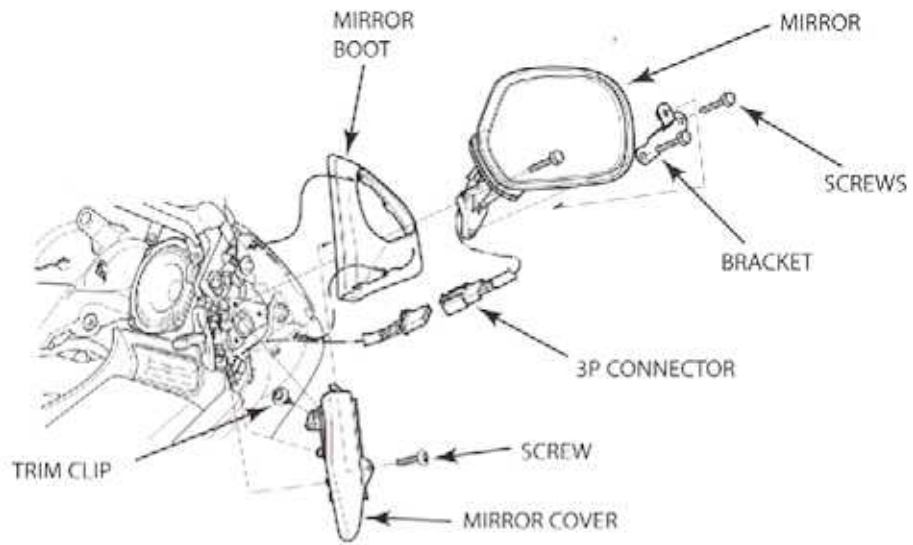
3. REMOVE THE HANDLEBAR WEIGHTS

Hold the handlebar weight and remove the mounting screw and the weight (both sides).



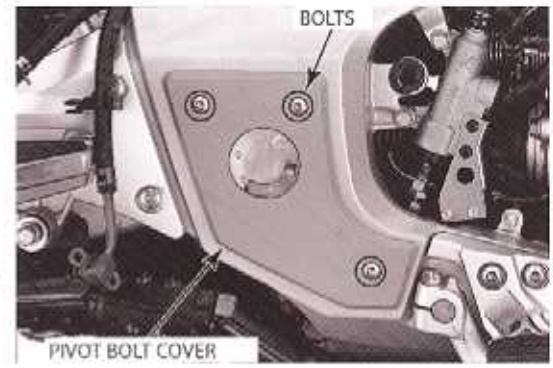
4. REMOVE THE REAR VIEW MIRRORS

Remove the right mirror boot from the front fairing.
Remove the trim clip, screw, and mirror cover.
Remove the three screws, bracket, and mirror.
Disconnect the turn signal light 3P connector.
Repeat for the left side.



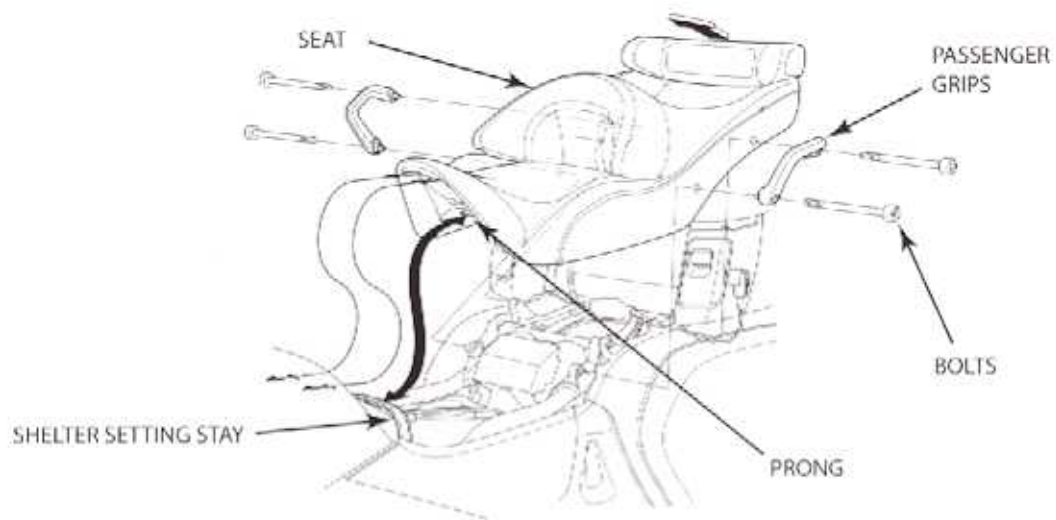
5. REMOVE THE SWINGARM PIVOT COVERS.

Remove the mounting bolts and remove the swingarm pivot covers from both sides.

**6. REMOVE THE RIDER FOOT PEGS**

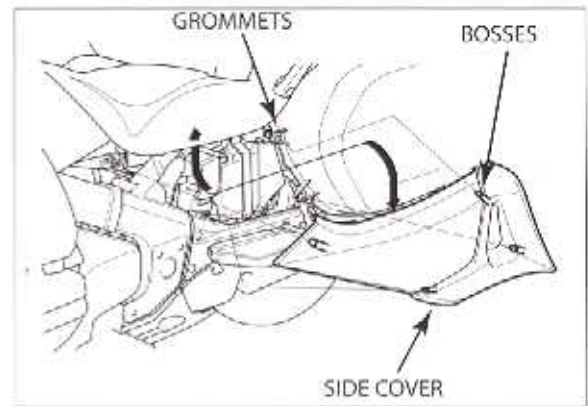
7. REMOVE THE SEAT

Remove the four bolts and passenger grips.
Raise the rear of the seat and remove the seat by sliding it rearward.

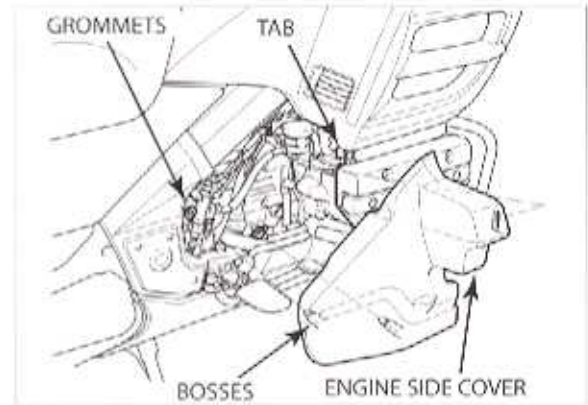


8. REMOVE THE SIDE COVERS

Remove the side cover by releasing the four bosses from the grommets, being careful not to dislodge the grommets. Repeat for the other side.

**9. REMOVE THE ENGINE SIDE COVERS**

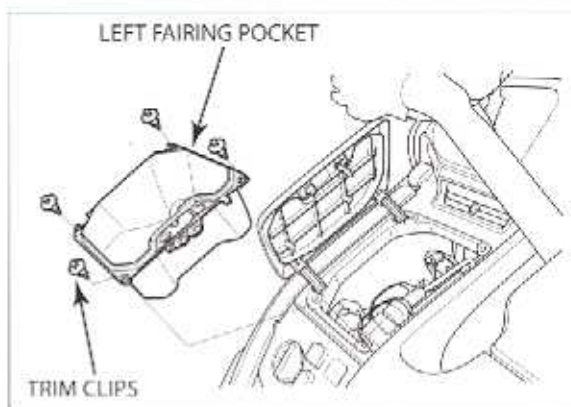
Release the two bosses from the grommets, free the front portion from the tab of the injector cover, and remove the engine side cover. Repeat for the other side.



10. REMOVE THE FAIRING POCKETS

Push the opener button and open the left fairing pocket lid.

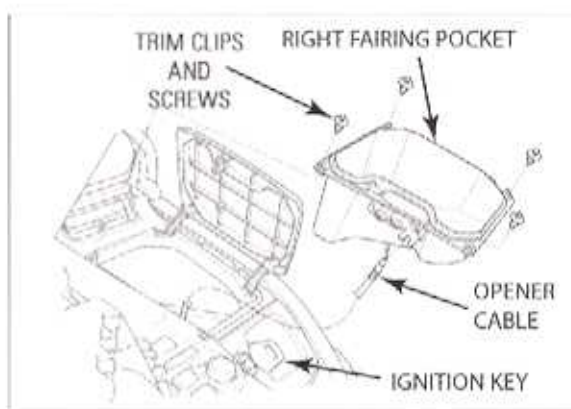
Remove the four trim clips by pushing the center pins in, and remove the fairing pocket.



Insert the ignition key into the lock cylinder and open the right fairing pocket lid by turning the key clockwise.

Remove the two screws. Remove the two trim clips by pushing the center pins in.

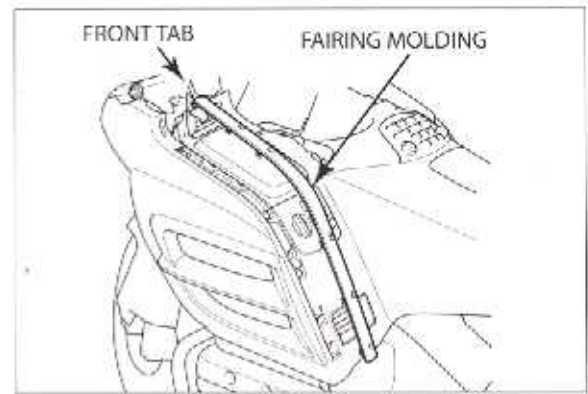
Disconnect the opener cable and remove the right fairing pocket.



11. REMOVE THE FAIRING MOLDING

Carefully release the left front tab first, then release the other tabs and remove the fairing molding.

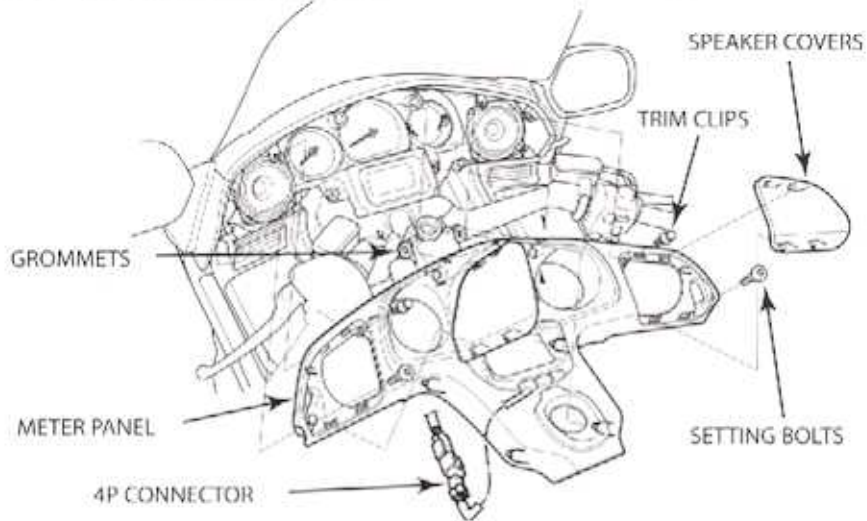
Repeat for the right side.



12. REMOVE THE METER PANEL

Remove the speaker covers by releasing the four tabs for each cover. Be careful not to dislodge the grommets.

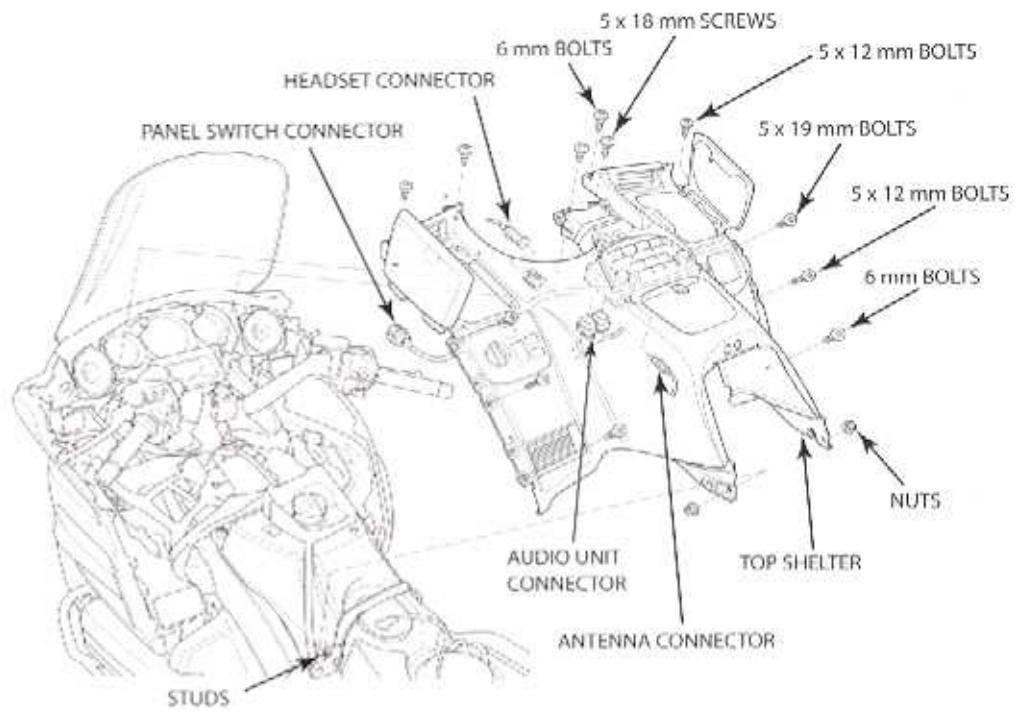
Remove the two trim clips and setting bolts. Release the four bosses from the grommets, disconnect the multi-display control switch 4P connector and remove the meter panel.



13. REMOVE THE TOP SHELTER

Remove the headset connector from the holder.

Remove the two 5 x 18 mm, four 5 x 12 mm, two 5 x 19 mm and four 6 mm setting bolts. Remove the two nuts and remove the rear ends of the top shelter from the studs. Disconnect the left panel switch assembly, antenna and audio unit connectors, and remove the top shelter.



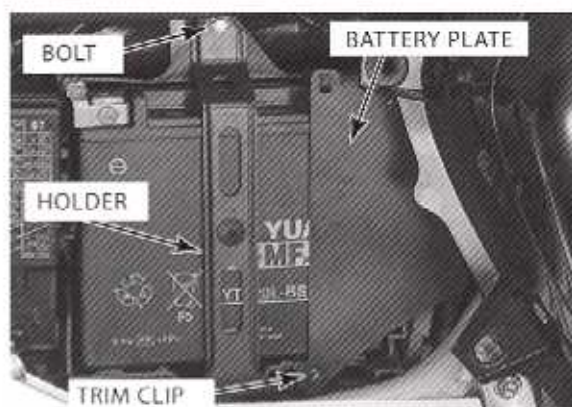
14. REMOVE THE BATTERY

Remove the trim clip and battery plate.

Remove the bolt and lower the battery holder. With the ignition switch turned to "OFF," disconnect the negative (-) cable first, then disconnect the positive (+) cable.

Apply RED duct tape to both the negative and positive cable leads.

Remove the battery from the battery case.



15. REMOVE THE FUEL TANK

Pull off the rubber cap.

Disconnect the 5P connector and fuel return hose from the fuel pump.

Plug the fuel return hose with an 8 mm bolt and cover it with **RED** duct tape to prevent fuel line contamination.

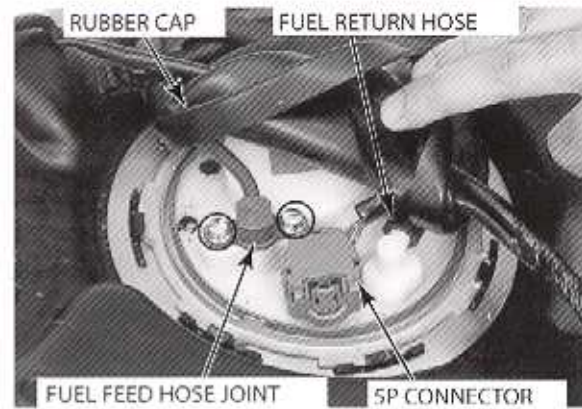
Remove the two fuel feed hose joint bolts.

Cover the fuel feed hose joint with a clean shop towel.

Cover the fuel feed hose end with **RED** duct tape to prevent fuel line contamination.

Hold the flats of the hose joint and pull it up straight, being careful not to damage the fuel pump joint.

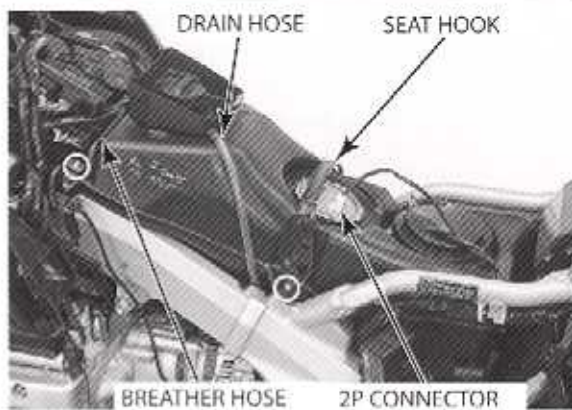
Catch the fuel using an approved gasoline container.



- Disconnect the following:
- fuel level sensor 2P connector
 - fuel tank tray drain hose
 - fuel tank breather hose

Remove the fuel tank.

Tilt the fuel tank to the right and remove it from the left side of the motorcycle.



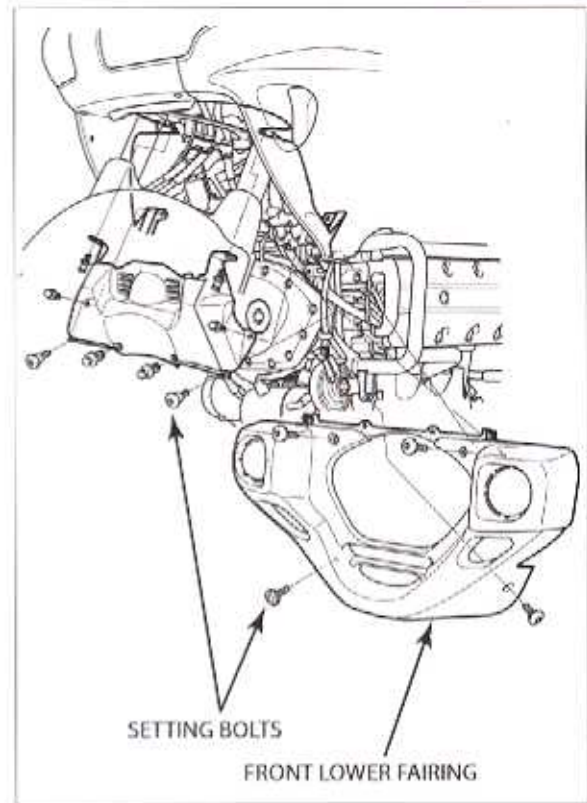
16. REMOVE THE MAIN WIRING HARNESS GROUND.

Apply **RED** duct tape to the main wiring harness ground cable end.



17. REMOVE THE FRONT LOWER FAIRING

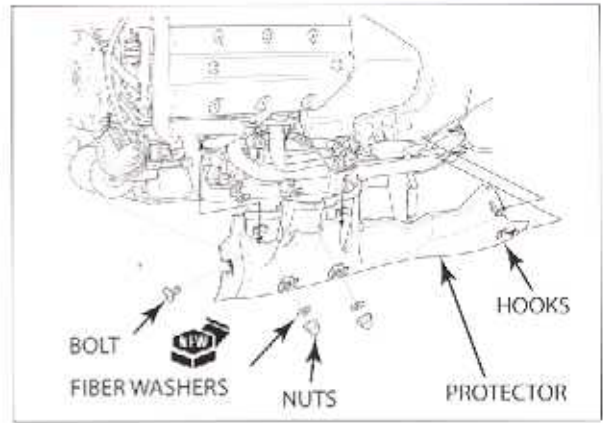
Remove the four setting bolts and front lower fairing.



18. REMOVE THE FRONT EXHAUST PIPE PROTECTOR

Perform the following procedure for both the left and right exhaust pipe protectors.
Remove the bolt, two nuts, and four fiber washers.
Do not lose the hook rubbers on the tabs.

Remove the lower portion of the protector from the studs, release the four hooks from the tabs and remove the protector.



19. COVER THE ALTERNATOR WITH RED DUCT TAPE

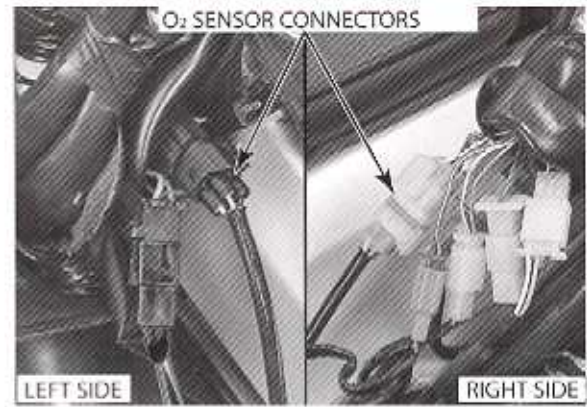


20. REMOVE THE MUFFLER/EXHAUST PIPE

Loosen the rear brake master cylinder reservoir bolt. The following instructions are for both the left and right sides.

Remove the left and right O₂ sensors from the head pipes and disconnect them from the wiring harness.

Do not lose the hook rubbers on the tabs.



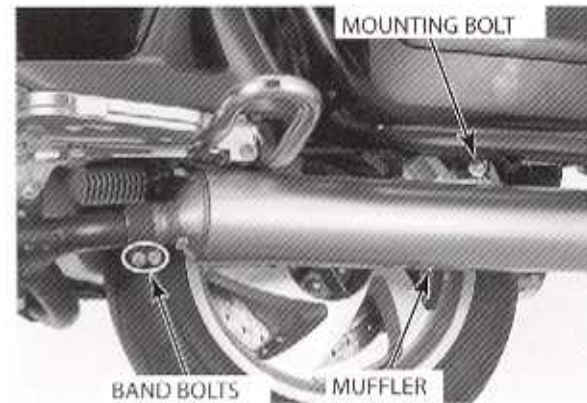
Remove the bolt and rear exhaust pipe protector while releasing the two hooks from the tabs. Do not lose the hook rubbers on the tabs.

Loosen the muffler band bolts.

Remove the mounting bolt, washer, and muffler.

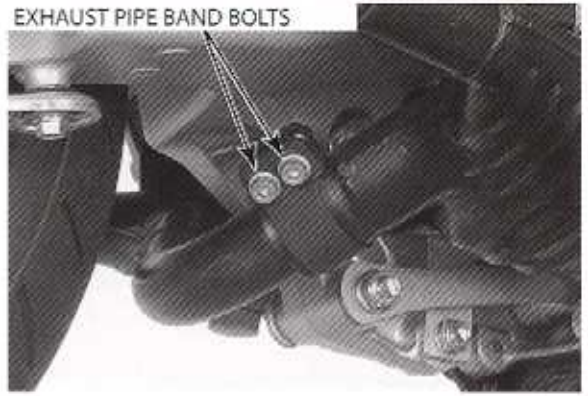
Put on gloves, then remove the muffler gasket.

Remove the other side rear exhaust pipe protector and muffler.



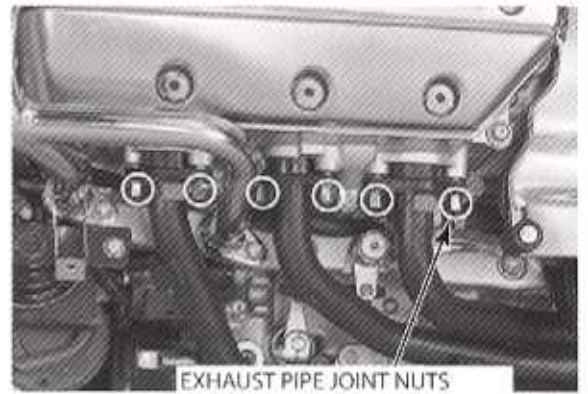
Loosen the exhaust cross-over pipe band bolts.

EXHAUST PIPE BAND BOLTS



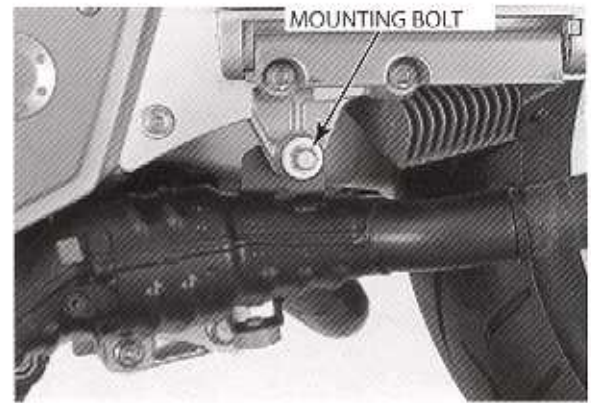
Remove all exhaust pipe joint nuts.

Do not damage the O₂ sensors while removing the exhaust pipes.



To protect your hands from exhaust gaskets, put on gloves. Using two people, remove both exhaust pipe mounting bolts, washers, and exhaust pipes. Remove the exhaust pipe joint gaskets. Separate the exhaust pipes and remove the gasket.

Apply RED duct tape to the exhaust ports. Make sure you cover them completely.



21. REMOVE THE ANTENNA WHIP(S)

22. REMOVE THE COOLANT RESERVE TANK

Remove the reserve tank mounting bolt and collar.
Remove the reserve tank from the frame.

Disconnect the siphon hose and overflow hose and
remove the reserve tank.

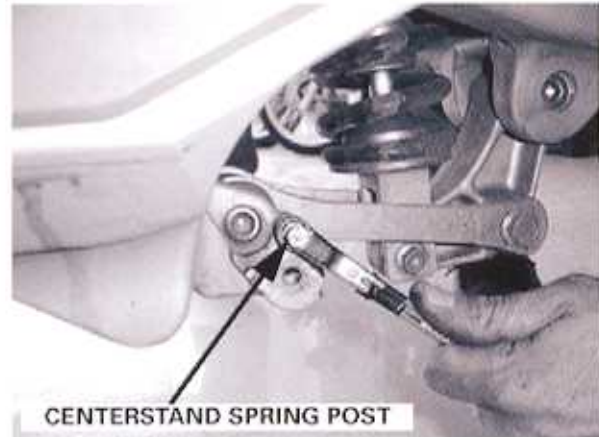


23. REMOVE THE CENTERSTAND

Place the motorcycle on its sidestand. Using a 14 mm socket, remove the **left-handed threaded bolt** securing the right side of the centerstand. Remove the hex bolt from the left side and remove the center stand.



Remove the centerstand spring post.



IMPORTANT: Make sure you leave the key in the ignition. The welder will use the key to lock the forks during the welding procedure.

- If you are going to weld the frame at the dealership, proceed to the GL1800 FRAME WELDING MANUAL section.
- If you are subletting the GL1800 frame welding to an off-site welder, hand the **GL1800 Frame Welding Manual** and the **Welding Templates** to the welder at the time of unit delivery.