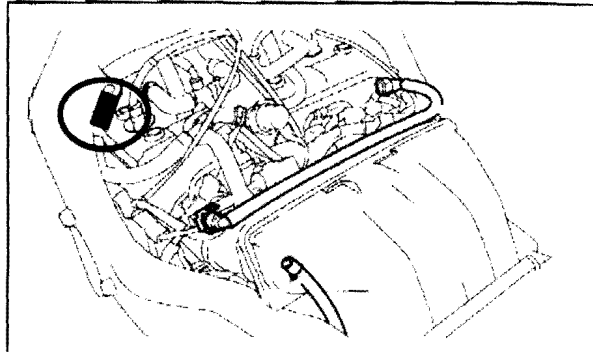


Technical Bulletin: 2011-XXR

2006 – 2009 FJR1300

Factory Modification Campaign: Ground Wire Junction

Yamaha Motor Corporation, U.S.A. has decided that a defect which relates to motor vehicle safety exists in 2006~2009 FJR1300A/AC/AE/AEC model motorcycles. On affected motorcycles, the ground joint connector of the wire harness could overheat and become deformed, possibly causing an intermittent ground wire connection. If the electrical system is not properly grounded, the ignition system and/or other electrical components could malfunction, which could cause the engine to stall. If this happens while the motorcycle is being ridden, there could be a crash resulting in injury or death.



To correct this defect, Yamaha is initiating a Factory Modification Campaign. Affected motorcycles must have an additional wire sub-lead installed or, if the ground joint connector has already been damaged from overheating, have the main wire harness replaced.

Yamaha is notifying all registered owners of affected motorcycles by mail. A copy of this letter is included in this bulletin. The customer should take the letter along with the affected motorcycle to an authorized Yamaha dealer for the modification.

A computer report listing all affected motorcycles invoiced to your dealership is included with this bulletin. Use the list to help ensure all motorcycles are modified. All sold motorcycles that have been registered with Yamaha will show the customer's name and address. Your dealership must notify the owner of any affected motorcycle that was actually sold but is listed as "unsold" in the report.

You must modify all affected motorcycles in your inventory as well as all customer-owned motorcycles brought to you for this service. Any affected motorcycle that you purchase from Yamaha in the future will also require modification. If you purchase a motorcycle from another dealer, check to see if the procedures in this bulletin have already been performed before you sell the motorcycle.

Motorcycles that are affected should not be operated until they are modified. It is a violation of Yamaha policy for your dealership to deliver any affected motorcycles to customers until the procedures in this bulletin are performed.

When the modification on each motorcycle is performed, follow the Warranty Information section of this bulletin to receive reimbursement. Be sure to use the Factory Modification Campaign procedures in Chapter 7 of the **Warranty and Y.E.S. Handbook**

(LIT-11760-00-08).

DEALER ACTION SUMMARY

Unsold Units: Install the additional wire sub-lead during PDI service.

Sold Units: Inspect the ground joint connector. If undamaged, install the additional wire sub-lead. If damaged, replace the wire harness. Check first to be sure the modification has not already been performed (see *Identification Procedure* section in this bulletin).

Parts: Yes, order a wire sub-lead for each affected unit, unless the wire harness is being replaced due to damage. If you need a wire harness, contact your RTA before ordering. It is not necessary to install the wire sub-lead on a replacement wire harness. See the *Parts Information* section for details.

Warranty: Factory Modification Campaign. See the *Warranty Information* section of this bulletin. This modification applies to all affected units regardless of ownership or warranty status.

Notify

Customers: Yes. You must immediately contact any customer whose motorcycle shows as unregistered on the enclosed report. Yamaha has sent letters to customers whose motorcycles were registered with state departments of motor vehicles as of X/X/XX, as well as any motorcycles registered for warranty after X/X/XX up to and including X/X/XX.

AFFECTED RANGE

FJR1300AV/AW/AX/AY
RP15E-000003~0006820

FJR1300AVC/AWC/AXC/AYC
RP15Y-000001~001218

FJR1300AEV/AEW/AEX/AEY
RP16E-000006~001736

FJR1300AEVC/AEWC/AEXC/AEYC
RP16Y-000005~000306

SERVICE PROCEDURE

Refer to the FJR1300A Service Manual LIT-11616-19-83 (2006~2007), LIT-11616-21-63 (2008), or LIT-11616-22-73 (2009) for more information as needed.

Disassembly and Sold-Unit Inspection Procedure

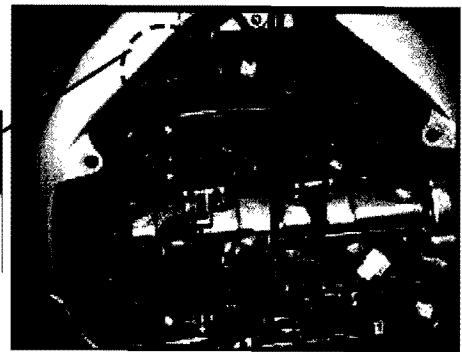
1. Set the engine stop switch to the stop position to prevent the engine from starting.

Disconnect the negative battery lead.

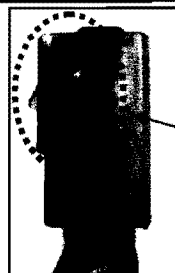
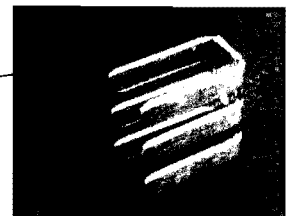
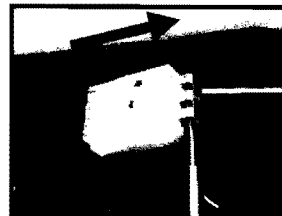
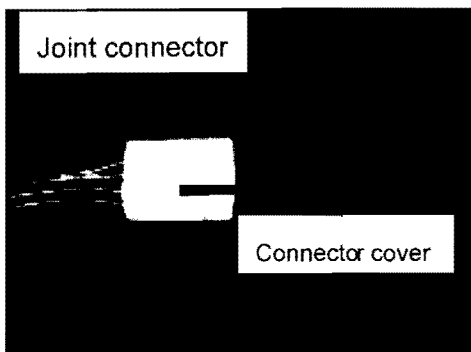
Remove:

- Passenger seat
- Rider seat
- Fuel tank panel
- Fuel tank
- T-bar
- Heat protector
- Right side panel
- Right side cowling
- Guide air 3

2. Locate the ground joint connector.



3. Remove the connector cover and bus bar from the joint connector. On operated units, check for any signs of damage to the joint connector.



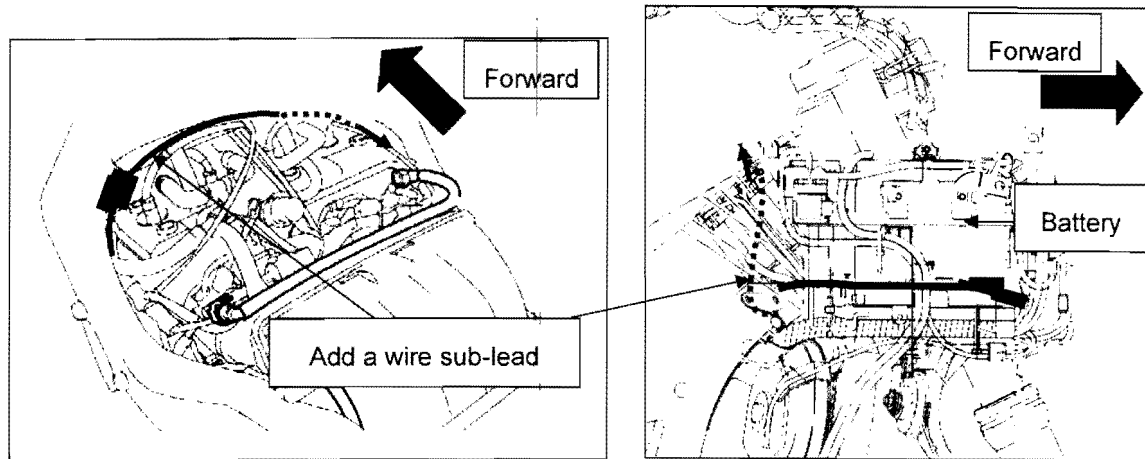
EXAMPLE OF DAMAGE

4. If the ground joint connector is damaged, the entire wire harness itself must be replaced.

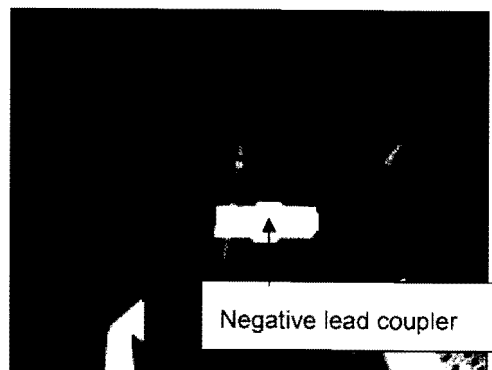
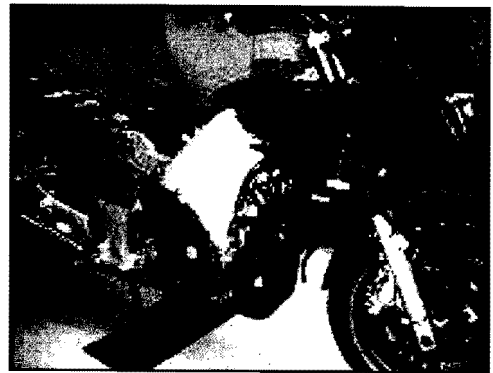
Follow Service Manual information, including the Cable Routing section, to install a new wire harness. Do not continue with wire sub-lead installation instructions. Put a punch mark above the Vehicle Identification Number (VIN) as described under *Identification Procedure* on page xx. See *Warranty Information* on page xx for instructions on submitting a claim for wire harness replacement.

5. On unsold units, or if no damage to the ground joint connector is found, add the wire sub-lead. Refer to the following procedure.

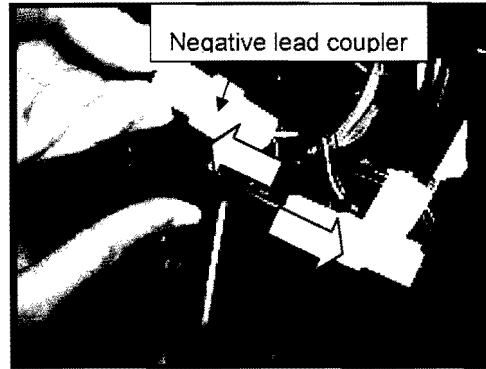
Wire Sub-Lead Installation



1. Locate the negative lead coupler under the battery.



2. Disconnect the negative lead coupler.

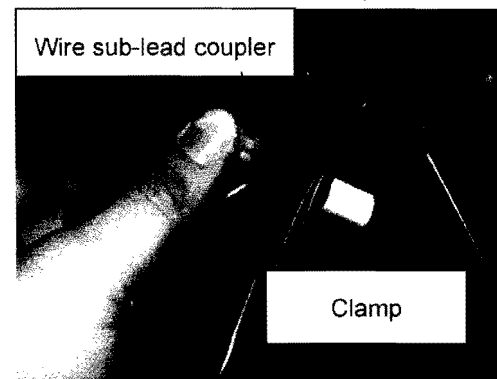
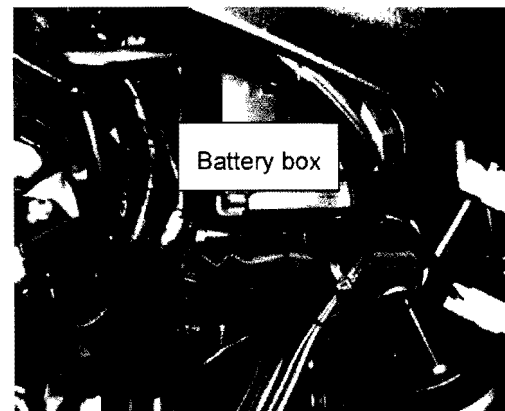


3. Connect the wire sub-lead couplers to the negative lead couplers.

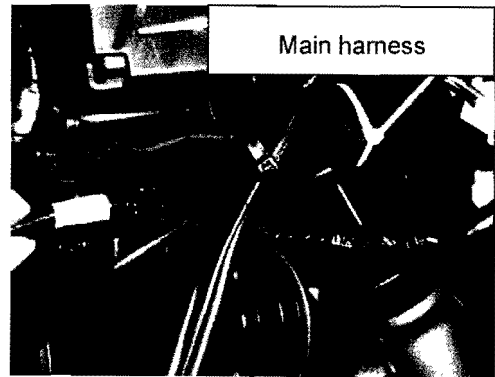


Routing the Wire Sub-Lead

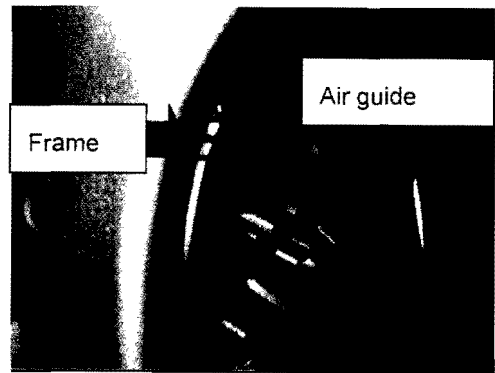
4. Route the wire sub-lead from negative lead coupler to joint connector by first routing it behind the clamp under the battery box.



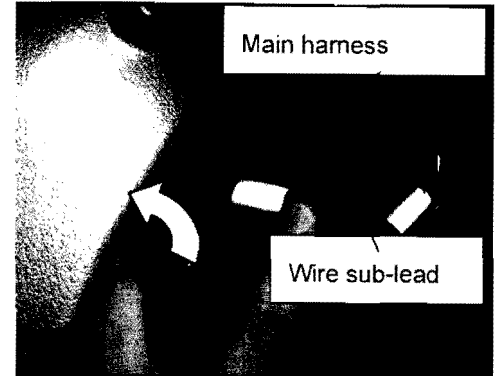
5. Route the wire sub-lead along the main harness.



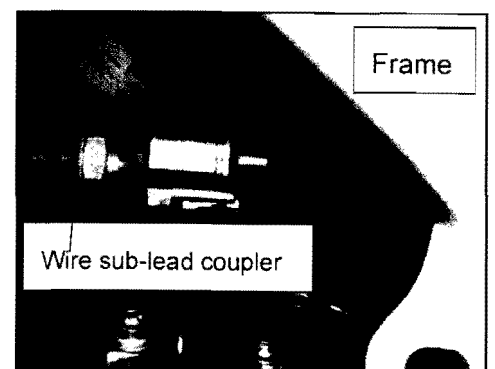
6. Remove the air guide from the frame.



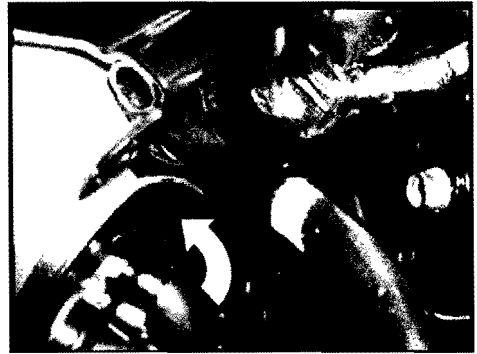
7. Route the wire sub-lead between frame and air guide. Then route the wire sub-lead along the main harness.



8. Retrieve the wire sub-lead coupler from between the frame and air guide.



9. Route the wire sub-lead along the main harness as shown.

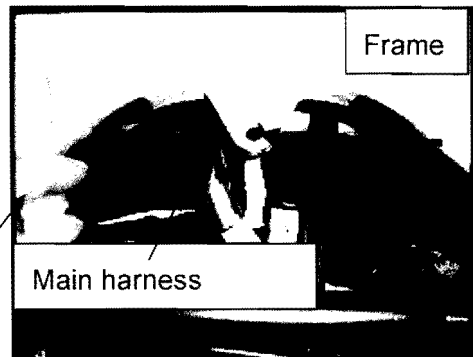


10. Route the wire sub-lead behind the main harness as shown.

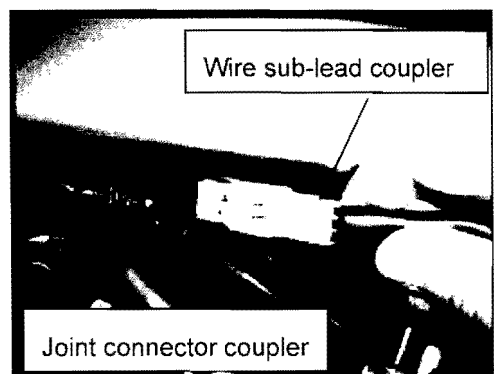


11. Route the wire sub-lead along the main harness assembly from right side to left side.

Wire sub-lead

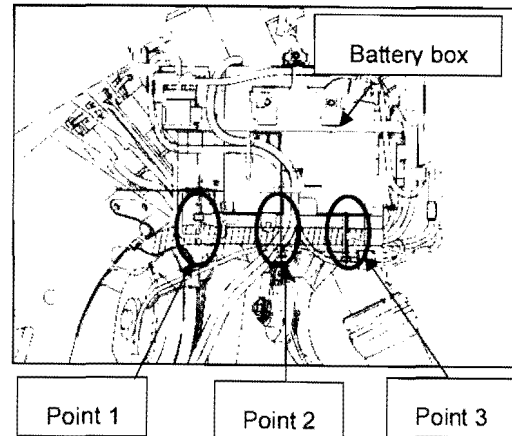
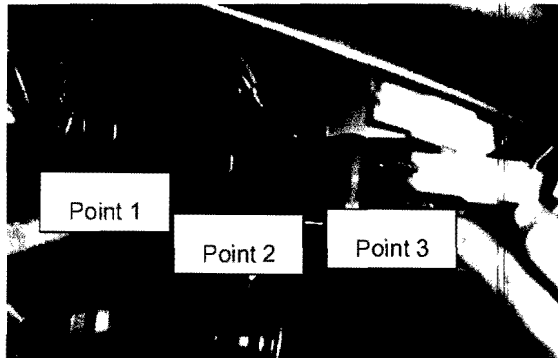


12. Connect the wire sub-lead to the ground joint connector where the connector cover and bus bar were removed.

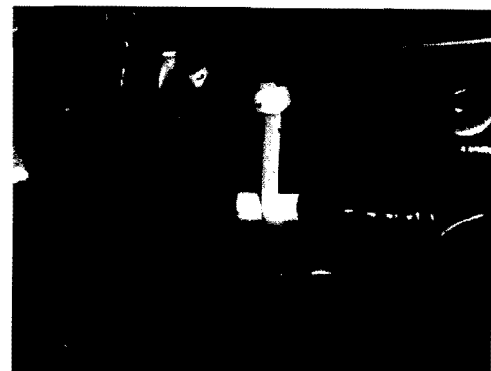
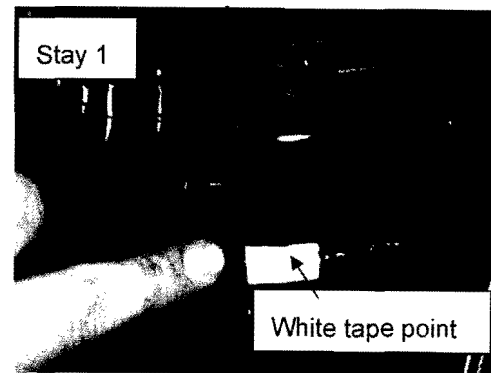


Securing the Wire Sub-Lead

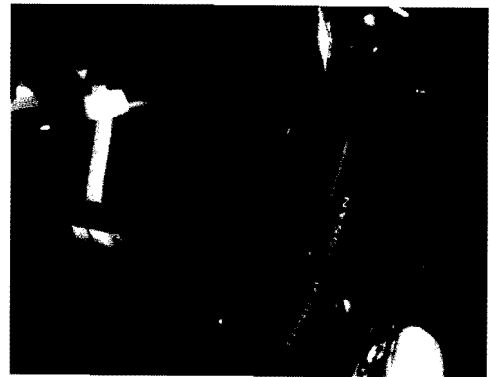
13. Remove the plastic cable ties from points 1, 2 and 3 of the right side main harness as shown.



14. Fasten point 1 – Using the long cable tie (383mm) from the kit, combine the wire sub-lead with the main harness and stay 1 at the white tape point of the wire sub-lead. Face the end of the cable tie upward as shown, and then cut off the excess end of the cable tie.



15. Fasten point 2 – Using the medium cable tie (202mm) from the kit, combine the wire sub-lead with main harness, right radiator fan motor lead, negative battery lead, and starter motor lead. Face the end of the cable tie outward. Position the cable tie in front of the air deflector. Make sure the cable tie is on the fan motor lead's protective sleeve, and then cut off the excess end of the cable tie.

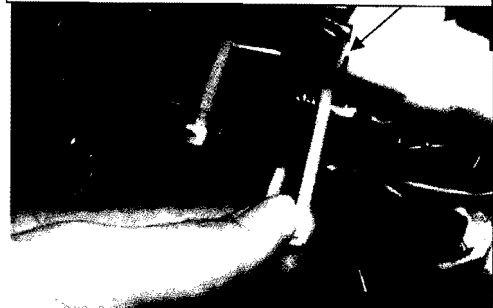


16. Fasten point 3 – Using a short cable tie (145 mm) from the kit, combine the wire sub-lead with main harness, right horn lead, right radiator fan motor lead, and stay 1 at the original point. Face the end of the cable tie outward. Make sure to install the cable tie on the fan motor lead's protective sleeve. Do not cut off the end of the cable tie.

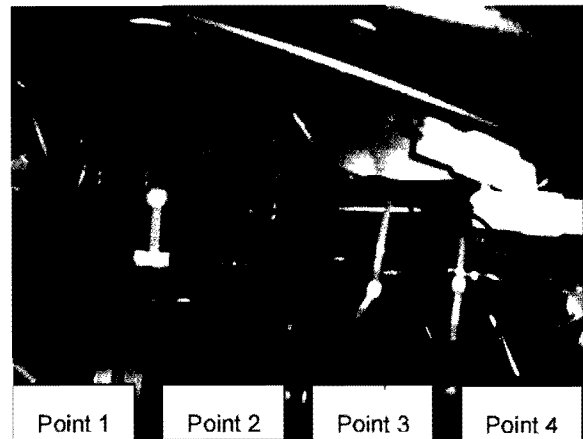


17. Fasten point 4 – Using a short cable tie (145 mm) from the kit, combine the wire sub-lead with the main harness at the black tape point of the main harness at point 4. Face the end of the cable tie outward. Do not cut off the end of the cable tie.

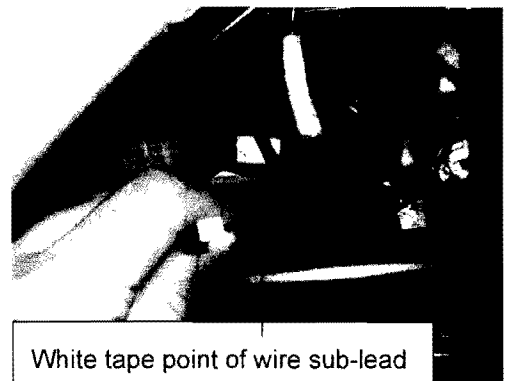
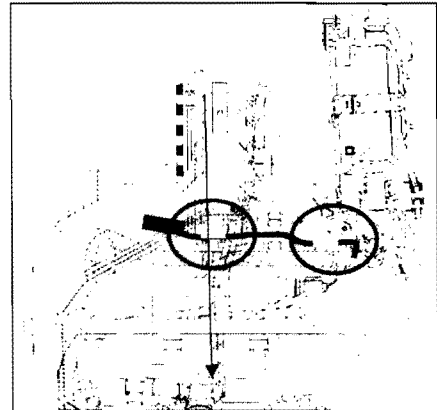
Black tape point of main harness



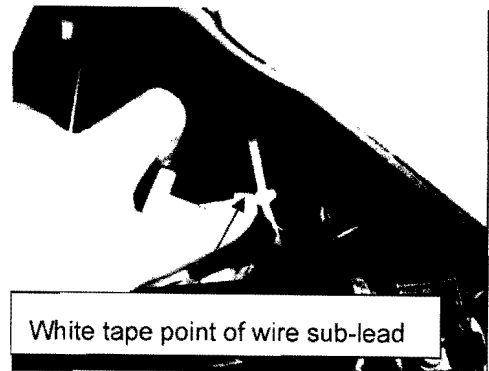
Fasten point 1~ 4



18. Fasten point 5 – Using a short cable tie (145 mm) from the kit, combine the wire sub-lead with the main harness at the white tape point of the wire sub-lead. Face the end of the cable tie forward. Do not cut off the end of the cable tie.



19. Fasten point 6 – Using the last short cable tie (145mm) from the kit, combine the wire sub-lead with main harness assembly by the white tape point of the wire sub-lead at point 6. Face the end of the cable tie forward. Do not cut off the end of the cable tie.



Fasten point 5 and 6

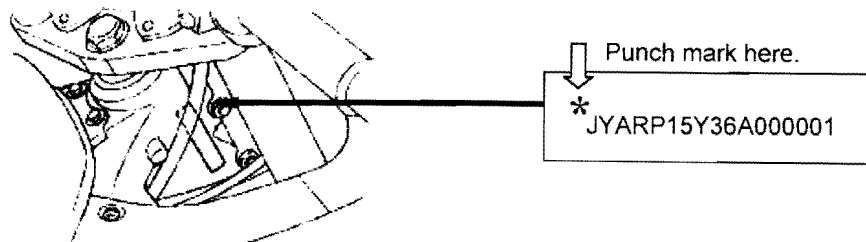


20. Reassemble the unit, reinstalling the parts removed in step 1 of *Disassembly and Sold-Unit Inspection Procedure* on page xx.

21. Place a punch mark above the Vehicle Identification Number (VIN) on the frame as described in the Identification Procedure below.

IDENTIFICATION PROCEDURE

After modifying a unit, make a punch mark above the Vehicle Identification Number (VIN) on the frame as shown in the illustration below. Check for this punch mark if you encounter an unfamiliar unit. You can also check unit status on YDS or by contacting your Regional Technical Advisor.



PARTS INFORMATION

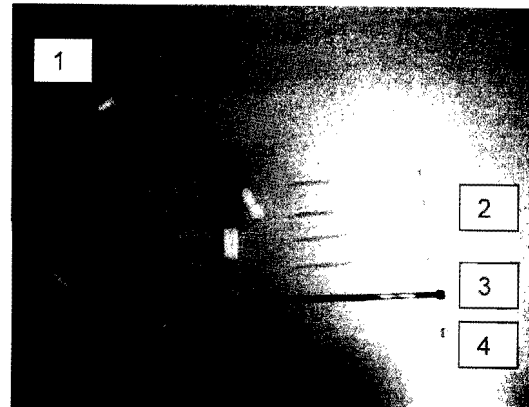
Wire Sub-Lead

If no damage is found at the joint connector coupler, then order only the wire sub-lead.

Part Name	Part Number	Qty	Dealer Cost
Sub Harness Kit	90891-30074-00	1	\$25.72

Kit Contents

No.	Part name	QTY
1	Wire sub-lead	1
2	Short Cable Tie (145mm)	4
3	Medium Cable Tie (202mm)	1
4	Long Cable Tie (383mm)	1



Wire Harness Assembly

If damage is found at the joint connector coupler, then order the entire wire harness assembly.

Contact your RTA before placing an order for a wire harness. Wire harness assembly part numbers have been superseded.

Model	Year	Model Code	Part Number		New Part Number Dealer Cost	Part Name	QTY		
			Old	New					
FJR13A	2006	3P64, 3P65	3P6-82590-10-00	3P6-82590-11-00	\$257.48	Wire Harness Assy.	1		
	2007	3P6A, 3P6B							
	2008	3P6G, 3P6H	3P6-82590-60-00	3P6-82590-61-00	?				
	2009	3P6N, 3P6P	3P6-82590-90-00	3P6-82590-91-00	?				
FJR13AE	2006	2D24, 2D25	2D2-82590-10-00	2D2-82590-11-00	\$341.63			Wire Harness Assy.	1
	2007	2D2A, 2D2B							
	2008	2D2G, 2D2H	2D2-82590-40-00	2D2-82590-41-00	\$347.72				
	2009	2D2N, 2D2P	2D2-82590-70-00	1DA-82590-10-00	\$398.70				

WARRANTY INFORMATION

The owner of each registered unit will receive a letter announcing this campaign. The customer's letter includes the Primary ID and Recall Number.

The modification is authorized for all affected motorcycles, both sold and unsold, regardless of ownership or warranty status. You do not need the customer's letter to perform the modification or to file for reimbursement.

Claim only one repair, either wire sub-lead installation or wire harness replacement.

Wire Sub-lead:

Submit a Recall Request for the parts and labor for FJR wire sub-lead installation as described below using Recall Number **9900XX**. Choose the status "**M**." You will be reimbursed for the Sub Harness Kit plus labor. The labor allowance is **1.0 hour**.

Wire Harness Replacement

Submit a Recall Request for the parts and labor for wire harness installation as described below using Recall Number **9900XX**. Choose the status "**M**." You will be reimbursed for the Wire Harness Assembly plus labor. The labor allowance is **2.9 hours**.

YDS:

When signed on to YDS, click on the Service Tab, and then "Recall Request-Add." This function will allow you to enter multiple Primary IDs for the same recall. Remember that YDS requires a 7-digit serial number, so use a "0" as the first digit. The system will check your submission instantly to make sure the Primary ID numbers you've entered are valid for the recall. You can check back the next day for your claim numbers to track your credit.

MAIL:

Complete a recall Reimbursement Request (LIT-11790-00-03) as shown below:

If you have any questions about proper procedures for Factory Modification Campaigns, see Chapter 7 in your **Warranty and Y.E.S. Handbook** (LIT-11760-00-08).