



# Service Bulletin

American Honda Motor Co., Inc.

CRF250L #1

ISSUED: September 2018

## SAFETY RECALL

### 2018 CRF250L - WIRE HARNESS INSPECTION/REPAIR

#### BACKGROUND

Honda is launching a SAFETY RECALL on certain model year 2018 CRF250L motorcycles to inspect and, if necessary, replace the wire harness, which may have been damaged during the manufacturing process. A damaged wire harness could result in loss of electrical power to various circuits. As a result, a loss of critical lighting, meters, switch function, or engine power could occur without warning, which increases the risk of a crash and creates a regulatory non-compliance.

#### AFFECTED UNITS

2018 CRF250L	<p><b>Certain VINs Only:</b> To determine if a VIN is affected, you must use <i>iN Unit Information</i>. Honda will deny warranty claims for repairs on vehicles not affected by this recall.</p>
<p><b>NOTE:</b> ABS type and Rally <u>are not affected</u> by this recall.</p>	

#### DEALER INVENTORY

Effective September 10, 2018, YOU MUST NOT SELL any affected (new or used) 2018 CRF250L motorcycle until it is inspected and, if necessary, repaired according to this Service Bulletin.

- To search for applicable recalls on a specific unit, you must use *Unit Information* on **iN**.
- To manage your affected inventory, you must use *eResponsibility Report* on **iN**.

#### PARTS INFORMATION

Order the following part only if the inspection procedure reveals a damaged wire harness.

##### Wire Harness Set

**P/N 06320-KZZ-306 (Qty. 1)** Available only through the **Controlled Parts Order System**.

Kit Contents	
Description	Qty.
Wire Harness	1
Chain Adjuster Label (not used for this repair, please discard).	1

#### WARRANTY CLAIM INFORMATION

After completing the Service Bulletin inspection and, if necessary, replacement procedure, submit one warranty claim per unit with the following template number:

Claim Template	Flat Rate Time
KJ7A (Inspection)	0.3 hours
KJ7B (Inspection and Replacement)	1.6 hours

#### DEALER REPAIR RESPONSIBILITY

- Safety Recall repairs must be performed by a qualified technician.
- Installing the remedy parts exactly as shown in Repair Procedure instructions is critical for the recall remedy to be effective. Carefully follow all instructions.
- Service Management should inspect and confirm the repair.
- Dealer submission of a warranty claim affirms this safety recall was properly performed.
- Make sure to submit your recall warranty claim before sales registration, in order to avoid a Sell-Through Recall Violation.

**CUSTOMER INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your Honda. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your Honda, or that your Honda has the condition described. To determine whether this information applies, contact an authorized Honda dealer.

**CUSTOMER NOTIFICATION**

American Honda is sending a letter to owners of affected motorcycles informing them that their vehicle is under recall to inspect and, if necessary, replace the wire harness. The letter will advise them to have a Honda motorcycle dealer inspect the affected part.

For your reference, a copy of the Customer Letter is reproduced on page 4 of this bulletin.

**REPAIR VERIFICATION**

Before you begin the repair procedure, determine if the recall inspection/repair has already been applied.

Use **iN Unit Information** to check the completion status of this campaign (KJ7).

DEALER: 1	UNIT INFORMATION	09/12/18
VIN: MEHMD44	PRODUCT USE:	
MODEL & YEAR: CRF250L 2018	FIRST USE DATE: 00/00/0000	
ENGINE NUMBER: 2503376	RETAIL SALE DATE: 00/00/0000	
CURRENT CUSTOMER :	SALE REGISTERED ON:	
PREVIOUS CUSTOMER:		
WARRANTIES:		
TYPE:	START DATE	END DATE
STANDARD WARRANTY:	00/00/0000	
CERTIFY PRE OWNED:		
HONDA PROTECTION PLAN:		
CLAIM HISTORY:		
DATE:	FAILED PART DESC: NO REPAIR FOUND	
Campaign/Recall Information (Completed Campaigns are marked with a "C")		
KJ7 18 CRF250L WIRE HARNESS RECALL		

- If there is a **"C"** next to the campaign code (KJ7/C):
  - No further action is necessary.
- If there is **no "C"** next to the campaign code (KJ7):
  - Proceed with the INSPECTION/REPAIR section of this Service Bulletin.

**DEALER SUPPORT**

**TECHNICAL QUESTIONS**

If you have any technical questions relating to repair verification, repair procedure, or parts information please contact:

Motorcycle TechLine Online:  
**iN > Service > TechLine > TechLine Connect**  
 Or call (800) 421-1900, option 9

**WARRANTY QUESTIONS**

If you have any warranty administration questions relating to warranty claim templates, and claim filing procedures, please contact:

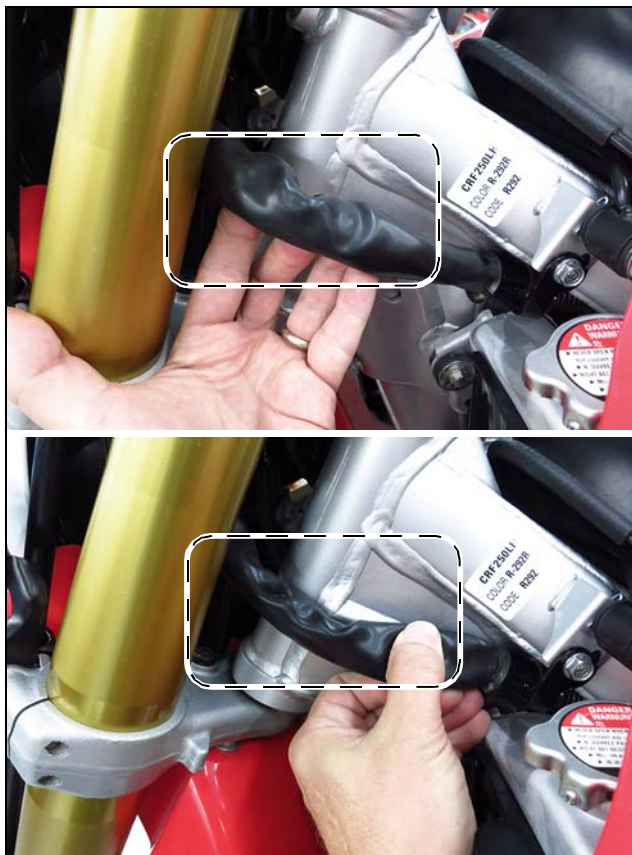
Motorcycle Warranty Online:  
**iN > Service > Warranty & HondaCare > Warranty Connect**

Or call (800) 421-1900, option 7

**INSPECTION PROCEDURE**

1. Turn the handlebar fully to the right.
  2. Inspect the wire harness at the area alongside the left of the steering head as shown.
- Turn the wire harness over and inspect the backside as shown.

Check for damage such as cuts, deep impressions, or deformation as shown in Step 3.



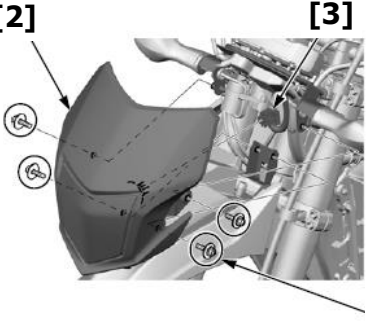
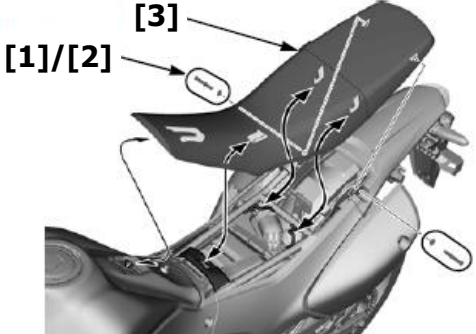

3. Use the following photos to determine if the wire harness is OK or damaged.
- If the wire harness is OK, return the unit to inventory/customer and file a template warranty claim (*Inspection, KJ7A*) as indicated in the WARRANTY CLAIM INFORMATION section on page 1 of this bulletin.
  - If the wire harness is damaged, proceed to [REPAIR PROCEDURE](#).
  - *If you cannot determine if the wire harness is OK or damaged, take photos of the wire harness and submit them with a TechLine Connect Case.*

OK WIRE HARNESS	DAMAGED WIRE HARNESS
Small dent or scuff is OK	Cut, crimp, deep impression, or deformation is damage.
	
	

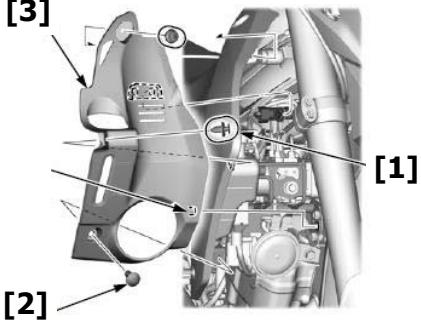
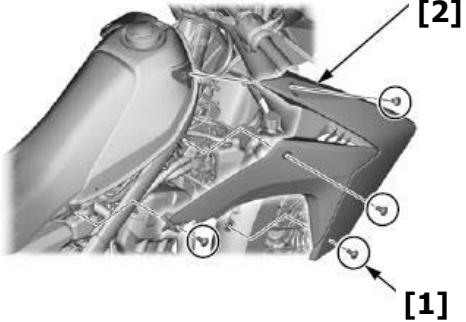
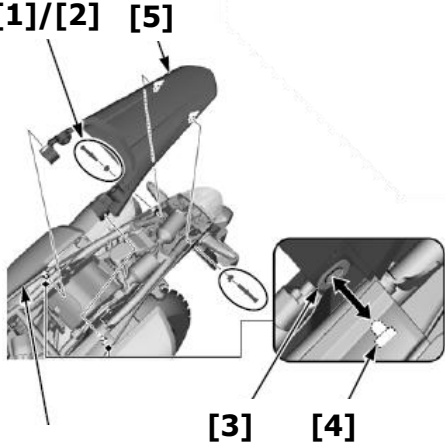
**TEXT OF CUSTOMER LETTER**

**TEXT OF CUSTOMER LETTER IS FORTHCOMING**


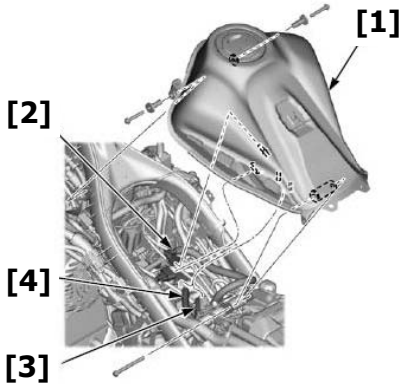
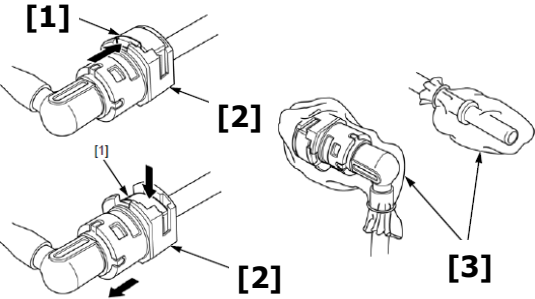
## WIRE HARNESS REMOVAL

No.	Process	Picture	Tool
1	<p><b>HEADLIGHT COWL REMOVAL</b></p> <ol style="list-style-type: none"> <li>Remove the four bolts/washers [1] and headlight cowl [2].</li> <li>Disconnect the headlight 3P (Black) connector [3].</li> </ol>		5 mm hex wrench
2	<p><b>SEAT REMOVAL</b></p> <ol style="list-style-type: none"> <li>Remove the hook bolts [1] and collars [2].</li> <li>Remove the seat [3] by pulling it rearward and releasing the hooks.</li> </ol>		6 mm hex wrench
3	<p><b>SIDE COVER REMOVAL</b></p> <ol style="list-style-type: none"> <li>Right side: Remove the socket bolt and collar. Left side: Remove the socket bolt [1].</li> <li>Release the boss [2] from the frame grommet, then remove the side cover [3] by pulling it rearward.</li> </ol>		5 mm hex wrench


## WIRE HARNESS REMOVAL (Cont.)

No.	Process	Picture	Tool
4	<p><b>COOLANT RESERVE TANK COVER REMOVAL</b> Remove the trim clips [1], socket bolt [2], and reserve tank cover [3].</p>		5 mm hex wrench
5	<p><b>FUEL TANK SHROUD REMOVAL</b> Remove the socket bolts [1] and left and right fuel tank shrouds [2].</p>		5 mm hex wrench
6	<p><b>REAR FENDER REMOVAL</b></p> <ol style="list-style-type: none"> <li>1. Remove the hook bolts [1] and collars [2].</li> <li>2. Release the bosses [3] and tabs [4].</li> <li>3. Remove the rear fender [5].</li> </ol>		6 mm hex wrench

# WIRE HARNESS REMOVAL (Cont.)

No.	Process	Picture	Tool
7	<p><b>RELIEVE THE FUEL PRESSURE</b></p> <ol style="list-style-type: none"> <li>1. Disconnect the fuel pump 5P connector [1].</li> <li>2. Start the engine, and let it idle until the engine stalls.</li> <li>3. Turn the ignition switch OFF.</li> <li>4. Disconnect the battery negative (-) cable first and then the positive (+) cable. Cover the positive (+) battery terminal with tape.</li> </ol>		<ul style="list-style-type: none"> <li>- By hand</li> <li>- Phillips screw driver</li> </ul>
8	<p><b>LIFT UP THE FUEL TANK</b></p> <p>Remove right and left side tank bolts (6 x 40 mm) [3], and the middle bolt (6 x 46 mm)[4].</p> <ol style="list-style-type: none"> <li>1. Lift up the fuel tank [1] and release the fuel feed hose [2] from the hose clamps. For the details on disconnecting the fuel feed hose, refer to step 9.</li> </ol>		<p>8 mm socket</p>
9	<p><b>FUEL FEED HOSE &amp; FUEL TANK REMOVAL</b></p> <ol style="list-style-type: none"> <li>1. Push the retainer tab [1] forward.</li> <li>2. Press down the retainer and disconnect the connector [2].</li> <li>3. Remove the fuel tank.</li> </ol> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>- Clean around the quick connect fitting before disconnecting the fuel feed hose, and be sure that no dirt is allowed to enter into the fuel system.</li> <li>- Carefully follow the above procedure so that you do not break the fuel connector retainer tab. If the tab breaks, the whole hose must be replaced.</li> <li>- Do not bend or twist the fuel feed hose.</li> <li>- To prevent damage and keep foreign matter out, cover the disconnected connector and pipe end with plastic bags [3].</li> </ul>		<p>By hand</p>

## WIRE HARNESS REMOVAL (Cont.)

No.	Process	Picture	Tool
10	<p><b>MOVE THE RADIATOR</b></p> <ol style="list-style-type: none"> <li>1. Cover frame body [1] near RADIATOR with tape or towel to prevent damage/scratch.</li> <li>2. Remove the radiator guard [2] by releasing the bosses [3].</li> <li>3. Remove the radiator mounting bolts [4] and suspend the radiator with mechanic's wire at the position shown [5].</li> </ol> <p><b>NOTE:</b> Do not remove any radiator hoses.</p>	 <p>The top photograph shows a close-up of the radiator assembly. Yellow arrows point to the radiator guard [2], the bosses [3] it is attached to, and the mounting bolts [4]. The bottom photograph shows the radiator being moved from its original position (indicated by a yellow dashed box and arrow [5]) to a hang position (indicated by an orange dashed box). A blue cover [1] is placed over the frame body near the radiator.</p>	8 mm socket



# WIRE HARNESS REMOVAL (Cont.)

No.	Process	Picture	Tool
11	<p><b>MOVE THE EVAP CANISTER</b></p> <ol style="list-style-type: none"> <li>1. Remove the canister stay bolt [1].</li> <li>2. Move canister down to the position shown [2].</li> </ol> <p><b>NOTE:</b> Do not remove any canister hose.</p>		<ul style="list-style-type: none"> <li>- 10 mm socket</li> <li>- By hand</li> </ul>
12	<p><b>REAR BRAKE RESERVIOR TANK and AIR SUCTION HOSE REMOVAL</b></p> <ol style="list-style-type: none"> <li>1. Remove the bolt [1] at rear reservoir tank [2].</li> <li>2. Disconnect the PAIR air suction hose [3] and crankcase breather hose [4].</li> </ol>		<ul style="list-style-type: none"> <li>- 10 mm socket</li> <li>- By hand</li> </ul>
13	<p><b>WIRE HARNESS WIRE REMOVAL</b></p> <ol style="list-style-type: none"> <li>1. Disconnect all WIRE HARNESS connectors: 32 points</li> <li>2. Release all WIRE BAND: 4 points</li> <li>3. Release WIRE HARNESS CLIP: 6 points</li> <li>4. Remove WIRE HARNESS [1].</li> <li>5. Remove TURN SIGNAL LIGHT RELAY [2] and FAN CONTROL RELAY [3] from the wire harness.</li> </ol> <p>(For detailed instructions of each step, refer to pages 9 through 11.)</p> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>- Do not cut any WIRE BAND.</li> <li>- The new Wire Harness is equipped with new CLIP.</li> <li>- Carefully remove the tape around the relays, as their mounting clips are delicate.</li> <li>- Carefully remove the other parts while removing the wire harness.</li> </ul>		<p>By hand</p>

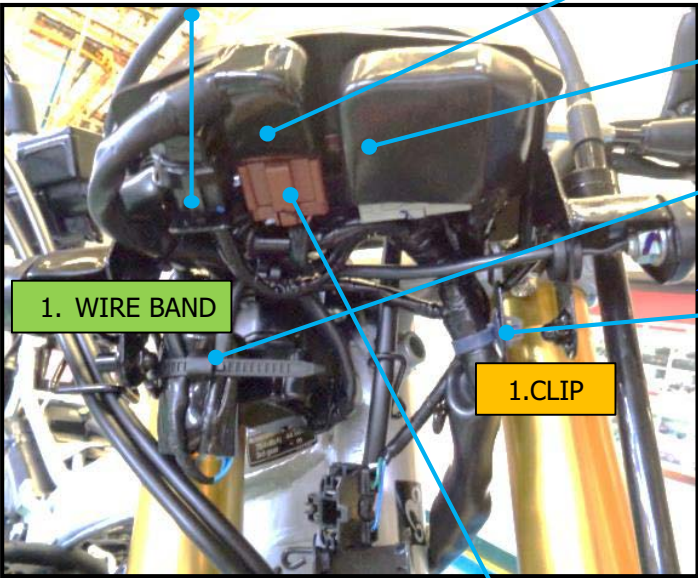
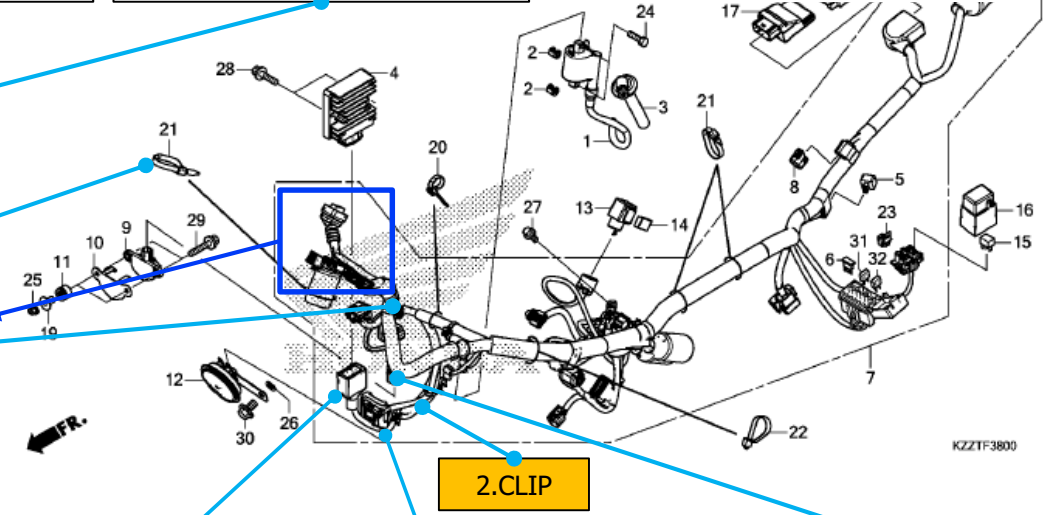
# WIRE HARNESS REMOVAL (Cont.)

CLIP

WIRE BAND

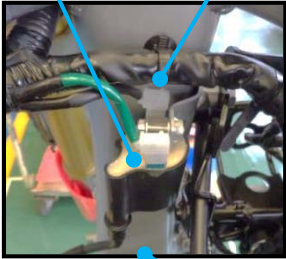




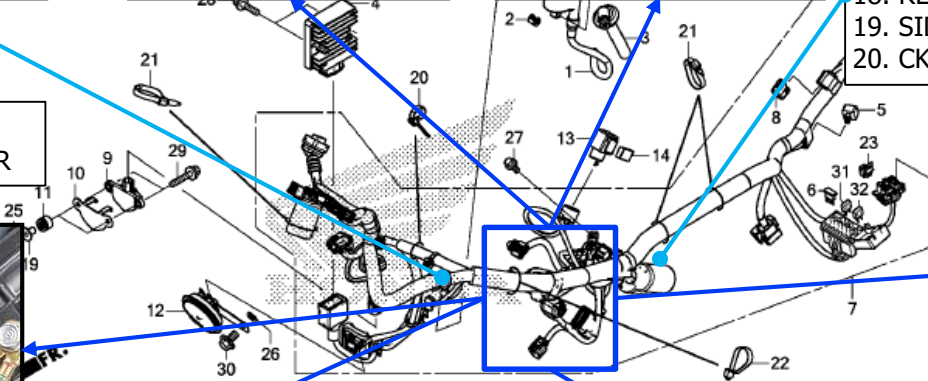
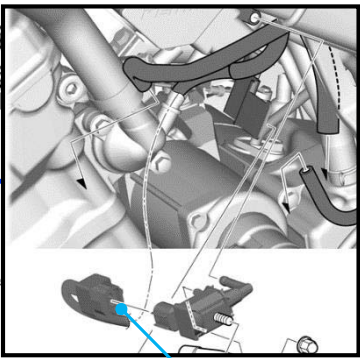

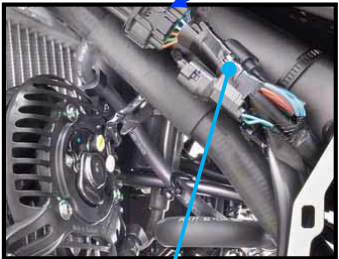

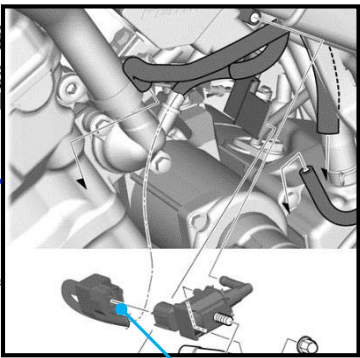
RELAY

CONNECTOR

No.	Process			
14	<div style="display: flex; justify-content: space-around;"> <div data-bbox="306 331 491 490"></div> <div data-bbox="701 331 940 490"></div> <div data-bbox="1142 331 1327 490"></div> <div data-bbox="1604 331 1789 490"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div data-bbox="212 505 585 610">1. RIGHT HANDLEBAR SWITCH 9P (BLACK) CONNECTOR</div> <div data-bbox="632 505 1005 586">2. COMBINATION METER 16P (GRAY) CONNECTOR</div> <div data-bbox="1031 505 1444 586">3. LEFT HANDLEBAR SWITCH 14P (GRAY) CONNECTOR</div> <div data-bbox="1467 505 1927 586">4. PAIR CONTROL SOLENOID VALVE 2P (BLACK) CONNECTOR</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div data-bbox="212 613 905 1187">  <p data-bbox="233 894 436 935">1. WIRE BAND</p> <p data-bbox="684 976 821 1016">1. CLIP</p> <p data-bbox="1356 1040 1493 1081">2. CLIP</p> </div> <div data-bbox="919 586 1955 1097">  <p data-bbox="940 992 1003 1024">FR.</p> <p data-bbox="1864 1016 1934 1032">KZZTF3800</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div data-bbox="919 1117 1276 1203">9. REGULATOR/RECTIFIER 5P CONNECTOR</div> <div data-bbox="1293 1117 1612 1170">10. HORN CONNECTORS</div> <div data-bbox="1629 1117 1976 1195">11. BANK ANGLE SENSOR 2P (BLACK) CONNECTOR</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div data-bbox="527 1219 905 1305">8. IGNITION SWITCH 3P (BROWN) CONNECTOR</div> <div data-bbox="919 1211 1276 1484"></div> <div data-bbox="1293 1211 1612 1484"></div> <div data-bbox="1629 1211 1976 1484"></div> </div> <div data-bbox="205 1365 873 1511"> <p>CONNECTORS:</p> <ul style="list-style-type: none"> <li>5. RIGHT FRONT TURN SIGNAL 3P (LIGHT BLUE)</li> <li>6. LEFT FRONT TURN SIGNAL 3P (ORANGE)</li> <li>7. OPTION 2P (BLACK)</li> </ul> </div>			

# WIRE HARNESS REMOVAL (Cont.)

CLIP
WIRE BAND
RELAY
CONNECTOR

No.	Process			
14 Cont.	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>12. IGNITION COIL CONNECTORS</p>  </div> <div style="width: 20%;"> <p>3. CLIP</p> </div> <div style="width: 20%;"> <p>13. SENSOR UNIT 5P (BLACK) CONNECTOR</p>  </div> <div style="width: 20%;"> <p>14. VS SENSOR 3P (BLUE) CONNECTOR</p>  </div> <div style="width: 20%;">  </div> </div>			
	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>4. CLIP</p> </div> <div style="width: 20%;"> <p>15. IACV 4P (BLACK) CONNECTOR</p>  </div> <div style="width: 20%;">  </div> <div style="width: 20%;"> <p>CONNECTORS:                      17. ALTERNATOR 3P                      18. REAR BRAKE LIGHT SWITCH 3P (BLACK)                      19. SIDESTAND SWITCH 3P (GREEN)                      20. CKP SENSOR/NEUTRAL SWITCH 3P (BLACK)</p> </div> <div style="width: 20%;">  </div> </div>			
	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>16. INJECTOR 2P (Gray) CONNECTOR</p>  </div> <div style="width: 20%;"> <p>21. FAN MOTOR 2P (BLACK) CONNECTOR</p>  </div> <div style="width: 20%;"> <p>22. O2 SENSOR 4P (BLACK) CONNECTOR</p>  </div> <div style="width: 20%;"> <p>23. EVAP PURGE CONTROL SOLENOID VALVE 2P (BLACK) CONNECTOR</p>  </div> </div>			
	<p><b>NOTE:</b> To easily disconnect, remove tape on VS SENSOR (14), O2 SENSOR (22), EVAP PURGE CONTROL SOLENOID VALVE (23).                      No need to re-wrap tape on the removed WIRE HARNESS. (New WIRE HARNESS is wrapped with tape already.)</p>			

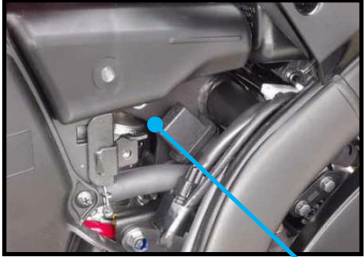
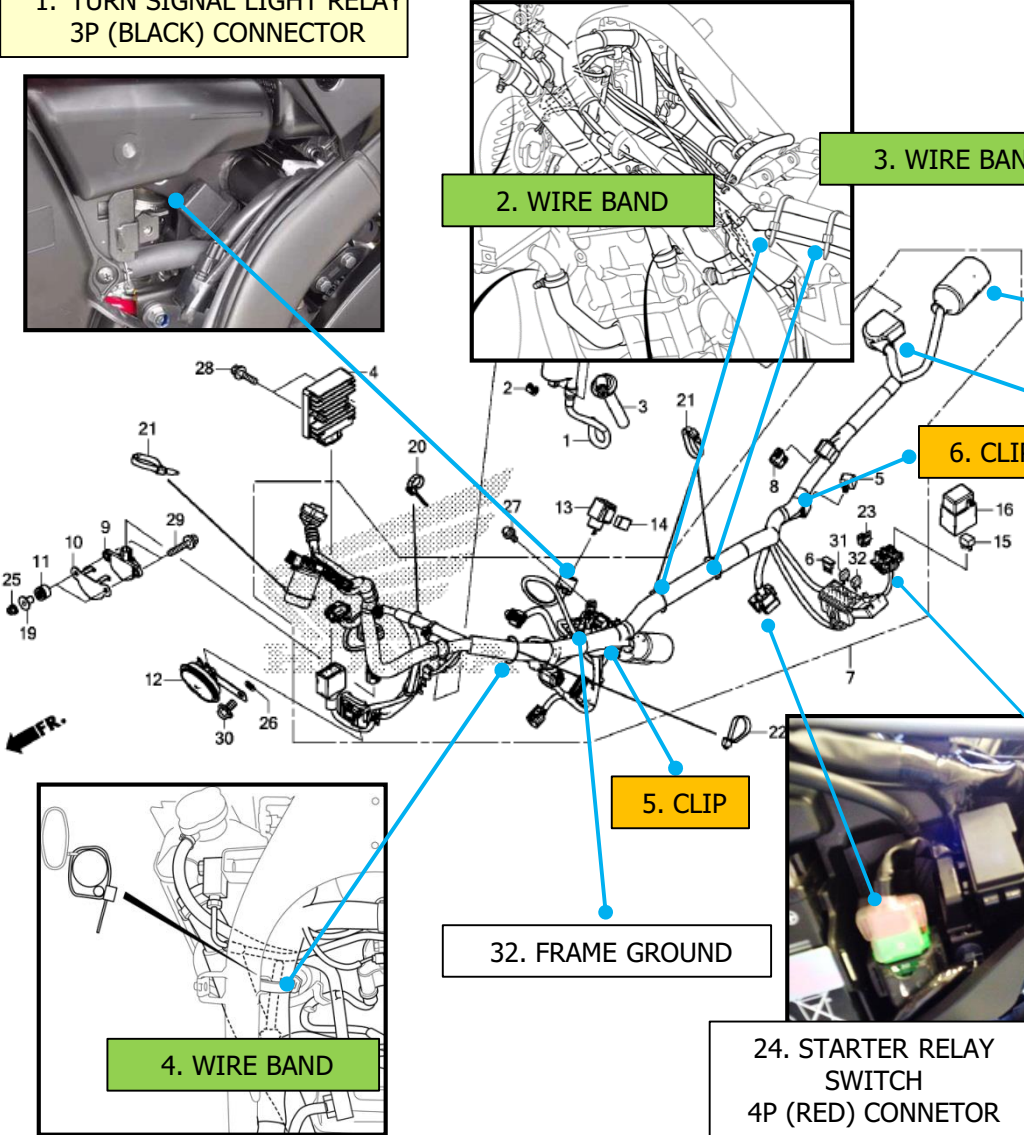
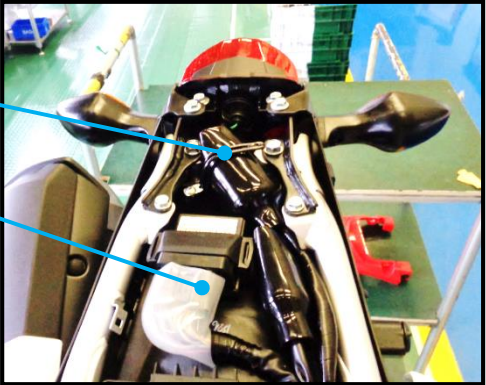
# WIRE HARNESS REMOVAL (Cont.)

CLIP

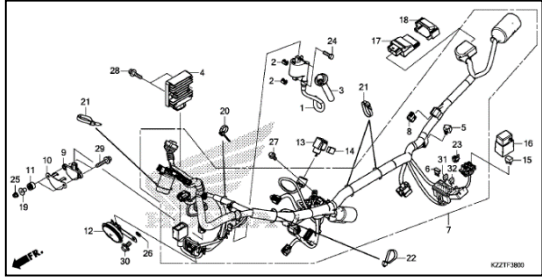
WIRE BAND

RELAY


CONNECTOR

No.	Process			
14 Cont.	<p data-bbox="201 337 604 418">1. TURN SIGNAL LIGHT RELAY 3P (BLACK) CONNECTOR</p>   <p data-bbox="642 537 911 586">2. WIRE BAND</p> <p data-bbox="1016 496 1285 545">3. WIRE BAND</p> <p data-bbox="1121 789 1251 837">6. CLIP</p> <p data-bbox="810 1138 947 1187">5. CLIP</p> <p data-bbox="642 1284 968 1333">32. FRAME GROUND</p> <p data-bbox="306 1398 583 1446">4. WIRE BAND</p> <p data-bbox="905 1382 1230 1495">24. STARTER RELAY SWITCH 4P (RED) CONNETOR</p>	<p data-bbox="1346 342 1927 578"><b>CONNECTORS:</b> 25. RIGHT TURN SIGNAL 2P (ORANGE) 26. RIGHT TURN SIGNAL GROUND 1P (WHITE) 27. LEFT TURN SIGNAL 2P (BLUE) 28. LEFT TURN SIGNAL GROUND 1P (WHITE) 29. LICENSE LIGHT 2P (BLACK) 30. BRAKE/TAIL LIGHT 3P (BLACK)</p>  <p data-bbox="1486 992 1818 1065">31. ECM 33P (BLACK) CONNECTOR</p> <p data-bbox="1335 1114 1661 1162">2. FAN CONTROL RELAY</p>	<p data-bbox="1388 1235 1969 1479"><b>TOTAL</b> <b>CLIP : 6 points</b> <b>CONNECTORS : 32 points</b> <b>WIRE BAND : 4 points</b> <b>Relay : 2 points</b></p>	

# WIRE HARNESS INSTALLATION

No.	Process	Picture	Tool
1	<p><b>WIRE HARNESS WIRE INSTALLATION</b></p> <ol style="list-style-type: none"> <li>1. Install the remedy WIRE HARNESS in the reverse order of removal and as shown in the CABLE &amp; HARNESS ROUTING section of the Service Manual.</li> <li>2. Install TURN SIGNAL LIGHT RELAY and FAN CONTROL RELAY to the Wire Harness (re-use the original parts).</li> <li>3. Connect WIRE HARNESS connectors: 32 points</li> <li>4. Install WIRE BAND: 4 points</li> <li>5. Set WIRE HARNESS CLIP: 6 points</li> </ol> <p>(For detailed images of each component and connection, refer to pages 10 through 12.)</p>		By hand
2	<p><b>REINSTALL THE REMOVED PARTS IN THE REVERSE ORDER OF REMOVAL</b></p> <p>Refer to the removal procedure for specific bolt locations.</p> <ol style="list-style-type: none"> <li>1. Connect the PAIR air suction hose and crankcase breather hose.</li> <li>2. Reinstall the rear brake reservoir tank.</li> <li>3. Reinstall the EVAP cannister.</li> <li>4. Reinstall the radiator.</li> <li>5. Reconnect the fuel hose</li> <li>6. Reinstall the fuel tank.</li> <li>7. Reconnect the fuel pump</li> <li>8. Reinstall the rear fender.</li> <li>9. Reinstall the fuel tank shroud.</li> <li>10. Reinstall the reserve tank cover.</li> <li>11. Reinstall the side covers.</li> <li>12. Reinstall the seat.</li> <li>13. Reinstall the headlight cowl.</li> </ol>		

# FUNCTION CHECK

No.	Process	Picture	Tool
1	<p><b>Motorcycle inspection</b></p> <ol style="list-style-type: none"> <li>1. Start the engine.</li> <li>2. Check all lighting and meter operations:                             <ul style="list-style-type: none"> <li>- Head Light</li> <li>- Turn Signals</li> <li>- Taillight</li> <li>- Stop Light</li> <li>- License Light</li> <li>- Position Light</li> <li>- Hazard Light</li> <li>- Meter functions (neutral indicator, turn signal indicator, high beam indicator)</li> </ul> </li> <li>3. Set the clock.</li> <li>4. Check for fuel leakage under the fuel tank, on all Fuel Hoses/Connectors, and below the vehicle.</li> </ol>		Visual Inspection
2	<p>After the REPAIR PROCEDURE is complete, file a template warranty claim (Inspection and Replacement, KJ7B) as indicated in the WARRANTY CLAIM INFORMATION section on page 1 of this bulletin.</p>		