Service Bulletin

American Honda Motor Co., Inc.

SAFETY RECALL

2007, 2009-2017 CBR600RR/RA
Fuel Pump Inspection / Replacement

BACKGROUND

Honda is launching a **SAFETY RECALL** on **CERTAIN** 2007, 2009-2017 CBR600RR/RA motorcycles to inspect and, if necessary, replace the fuel pump assembly. Due to a manufacturing defect, the rubber impeller inside the fuel pump can warp or swell when exposed to fuel, causing the impeller to lock in place and prevent fuel flow to the engine. A locked impeller can cause the engine to stall without warning while riding.

AFFECTED UNITS

As of November 13, 2024, **YOU MUST NOT SELL CERTAIN NEW or USED** 2007, 2009-2017 CBR600RR/RA motorcycles until they are 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 new inventory, use your dealer *eResponsibility Report on* ***iN***.

CUSTOMER NOTIFICATION

American Honda intends to mail customer letters to all owners of affected 2007, 2009-2017 CBR600RR/RA motorcycles in January 2025. Customers will be informed that their motorcycle may be affected by a safety related defect and will be advised to make an appointment with an authorized Honda dealer for repair.

PARTS INFORMATION

NEW

Order the fuel pump kit listed below for any affected unit that fails the FUEL PUMP INSPECTION on page 2 using the normal parts ordering process.

Model	Description	Part Number	Qty.
2007, 2009-2017 CBR600RR/RA	**Fuel Pump Kit**	**06160-MFJ-305**	**1**
Kit Includes:			
Description		Part Number	Qty.
Assembly, Fuel Pump Unit		16700-MFJ-D03	1
Packing, Fuel Pump		17574-MFJ-D00	1
Seal, Outer		17576-MFJ-D00	1
Damper, Connector		16719-MFJ-D00	1
Retainer		17711-S0X-931	1

DEALER REPAIR RESPONSIBILITY
• Repairs must be performed by a qualified technician. • Performing this repair exactly as shown in Repair Procedure instructions is critical for the remedy to be effective. Carefully follow all instructions. • Service Management should inspect and confirm the repair. • Dealer submission of a warranty claim affirms this repair was properly performed.

WARRANTY CLAIM INFORMATION

After completing this *Service Bulletin* update, submit one warranty claim per unit with the following template number.

MODEL	TEMPLATE	FLAT RATE
2007, 2009-2017 CBR600RR/RA	Inspection: KR2A Replacement: KR2B	1.0 1.1

DEALER SUPPORT

TECHNICAL QUESTIONS

If you have any technical questions relating to this update procedure, 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 Filing
Or call (800) 421-1900, option 7

REPAIR IDENTIFICATION

Before you begin the repair procedure, verify that the unit has not already been repaired by searching *Unit Information* on ***iN***.

REPAIR OVERVIEW

Affected units must have the fuel pump inspected to determine if it has an affected LOT number by following the FUEL PUMP INSPECTION on page 2.

If the fuel pump has an affected LOT number, the pump must be replaced following the FUEL PUMP REPLACEMENT procedure on page 3 and then reassembled (page 11).

FUEL PUMP INSPECTION

Follow the procedure starting on page 4, and then determine if the fuel pump has an affected part number and LOT number using the information below.

The fuel pump number must be inspected to determine if the fuel pump lot number is in the range to be replaced.

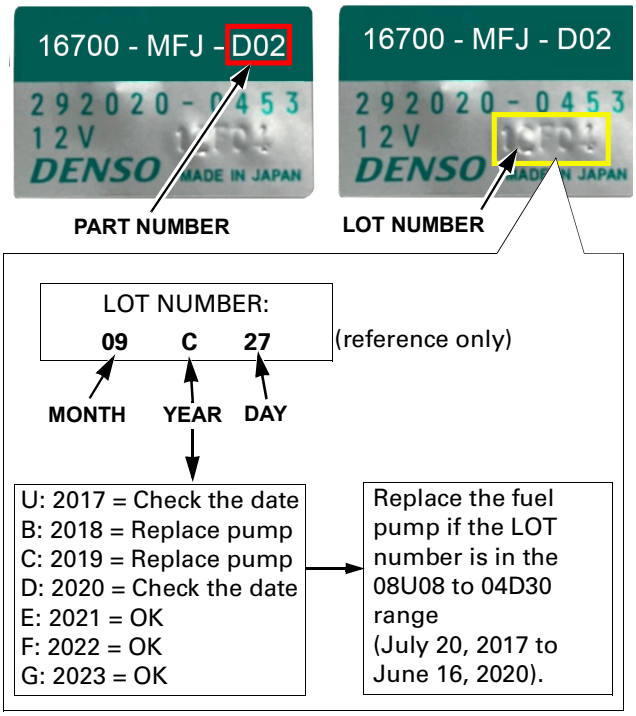
Inspect the identification label [1] affixed to the top of the fuel pump.

1. Check the part number of the pump.

   For pumps with the last three digits of the part number **are not D02**, the pump **does not** need to be replaced and no repair is required. Proceed to filing an “Inspection Only” warranty claim.

   For pumps with the last three digits of the part number **are D02**, proceed to step 2 to check the LOT number.

2. Check the LOT number located in the bottom right-hand corner of the label. If the LOT number shows the production date is in the July 20, 2017 to June 16, 2020 range, the fuel pump must be replaced.



FUEL PUMP ACCESS

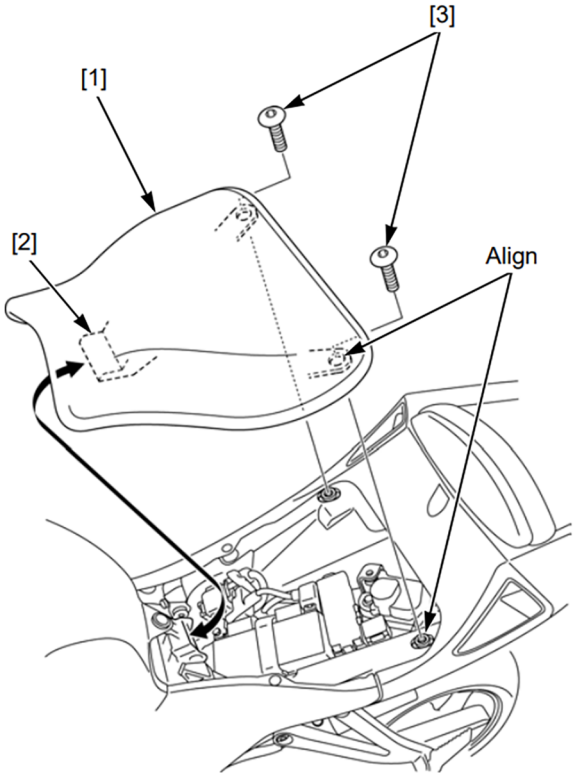
FUEL REMOVAL

Remove as much fuel as possible from the fuel tank.

Drain the fuel into a clean container for refilling the tank after procedure is complete.

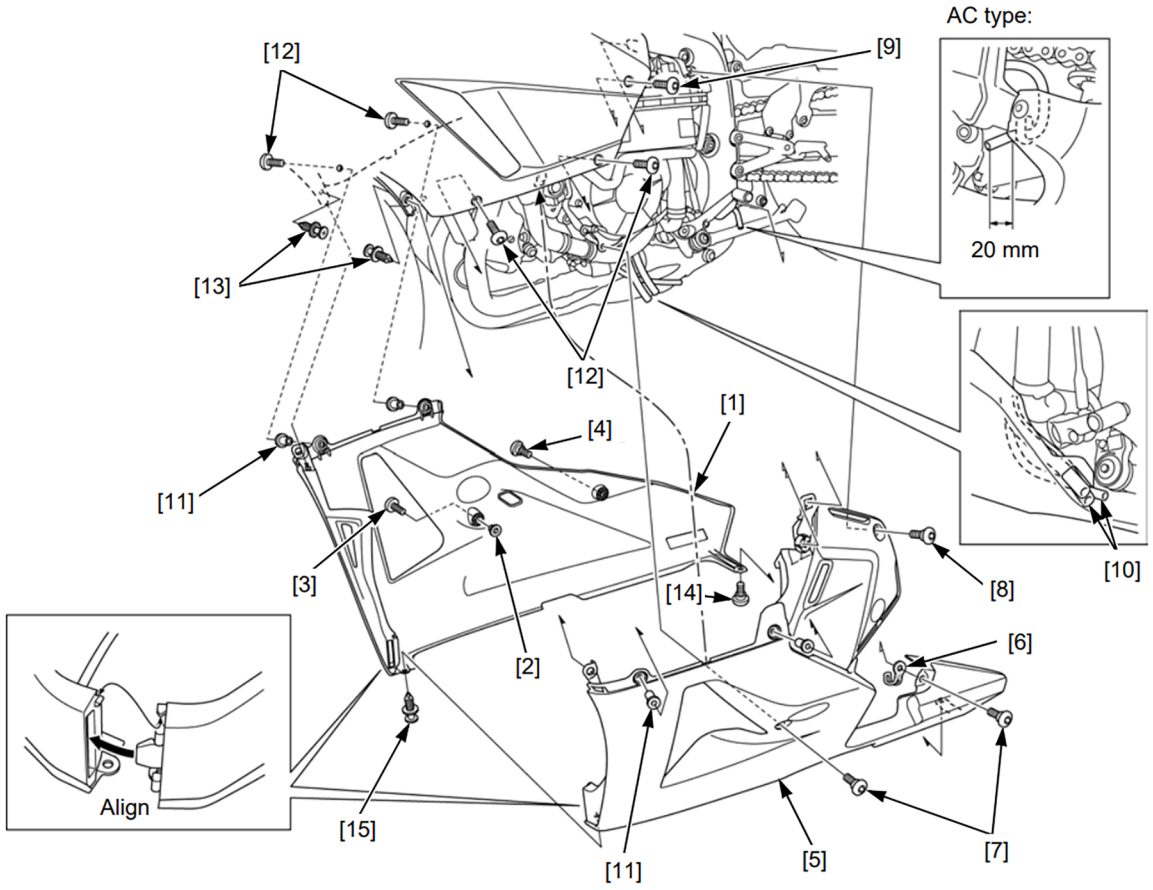
SEAT REMOVAL

1. Remove the screws [1].
2. Remove the seat [2] by sliding it rearward.



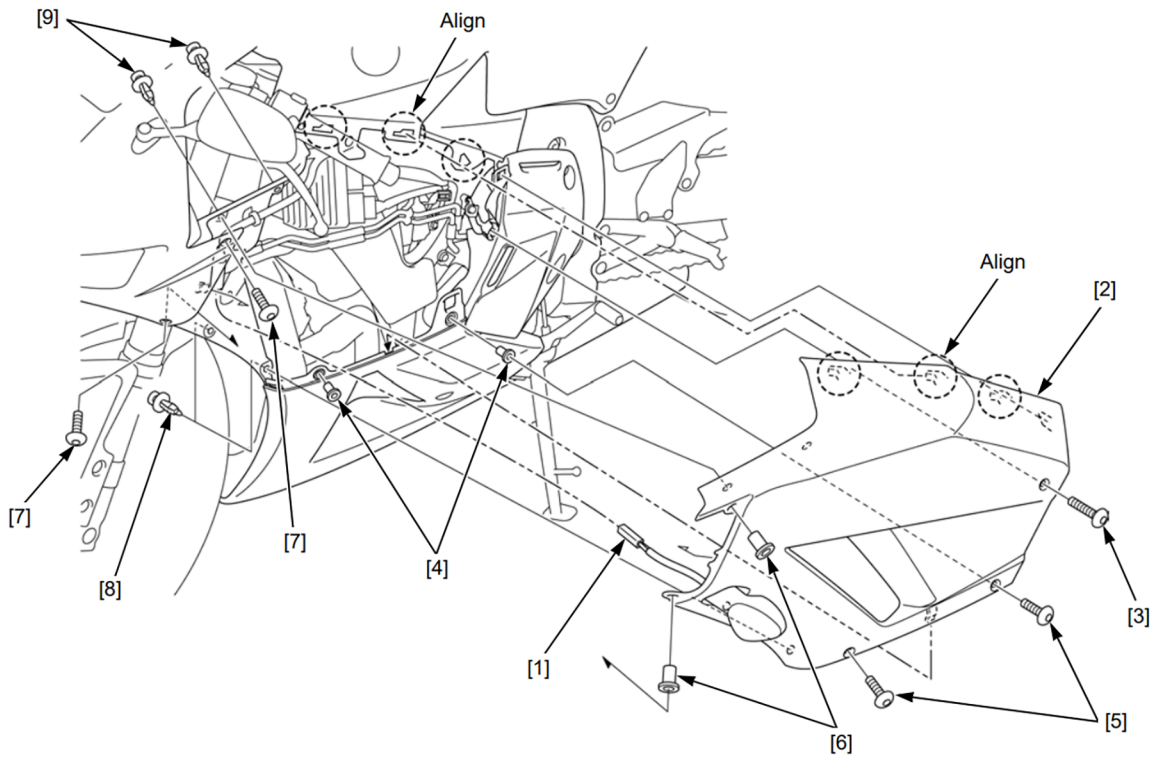
LOWER COWL REMOVAL

1. Remove the trim clip [1] and right-to-left lower cowl special screw [2].
2. Remove the inner middle cowl-to-inner lower cowl trim clips [3], middle cowl-to-lower cowl screws [4] and nuts [5].
3. Left side:
   Release the hoses [6] from the lower cowl. Remove the screw [7] and special screw [8] (ABS type). Remove the special screws [9], clamp [10] (AC type) and left lower cowl [11].
4. Right side:
   Remove the special screw [12], screw [13], collar [14] and right lower cowl [15].



MIDDLE COWL REMOVAL

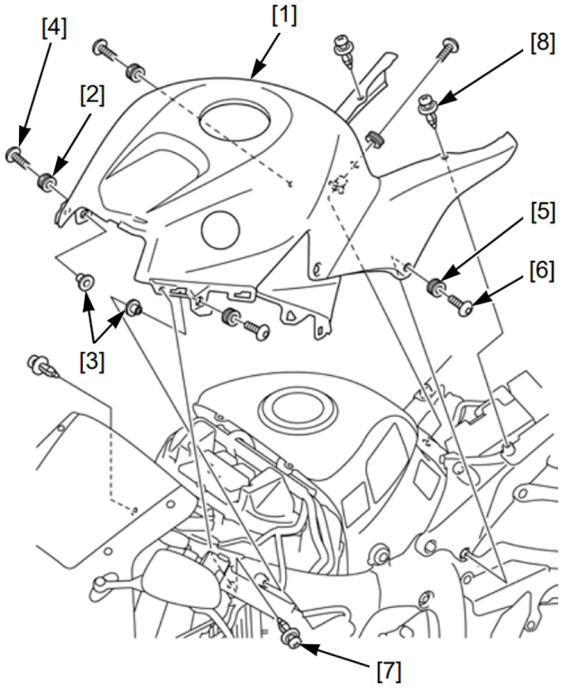
1. Remove the following:
   - Inner upper cowl-to-middle cowl trim clips [1]
   - Inner middle cowl-to-middle cowl trim clip [2]
   - Upper cowl-to-middle cowl screws [3] and nuts [4]
   - Middle cowl-to-lower cowl screws [5] and nuts [6]
   - Middle cowl screw [7] and middle cowl [8]
   - Disconnect the turn signal 2P connector [9]



TOP SHELTER • SIDE COVER REMOVAL

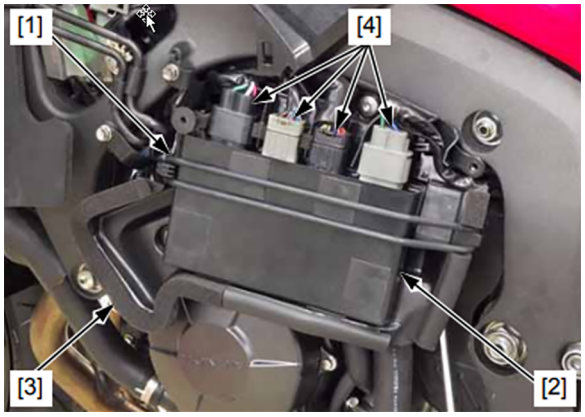
Remove the following:

- Top shelter-to-rear fender B trim clips [1]
- Inner upper cowl-to-top shelter trim clips [2]
- Screws [3] and grommets [4]
- Screws [5], collars [6] and grommets [7]
- Top shelter/side cover assembly [8]

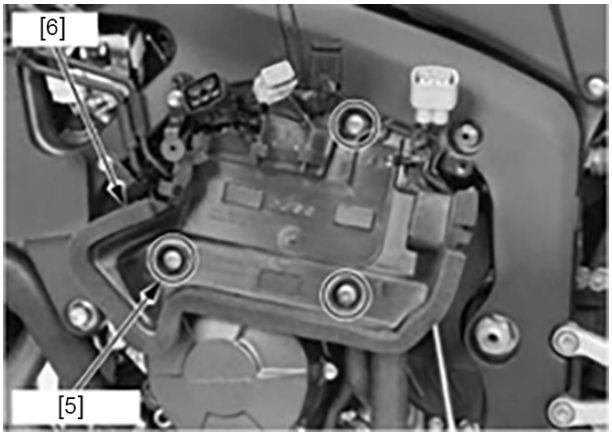


COMBINED ABS CONTROL UNIT REMOVAL

1. Remove the holder band [1].
2. Release the Combined ABS control unit [2] from the tray [3].
3. Disconnect the four connectors [4] and remove the Combined ABS control unit.

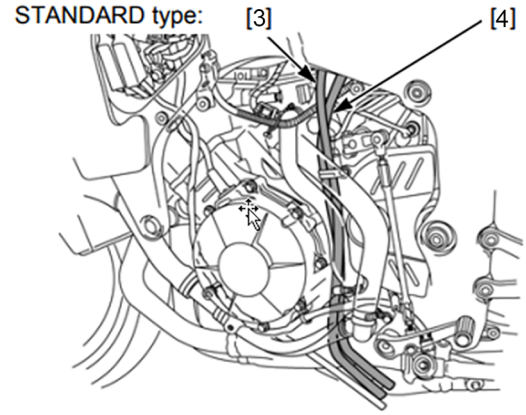


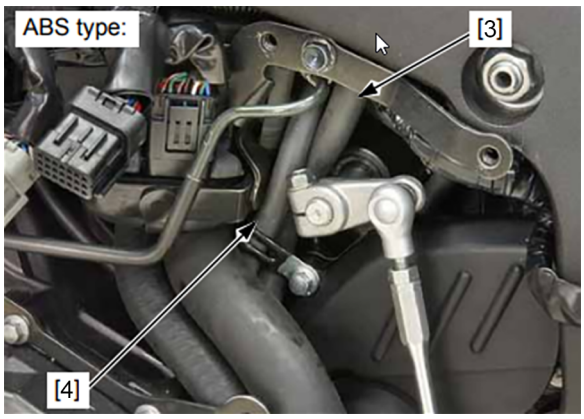
4. Remove the screws [5] and Combined ABS control unit tray [6].



FUEL TANK LIFTING

1. Release the fuel tank breather hose [1] and drain hose [2].





2. Remove the fuel tank mounting bolts [3] and washers [4].

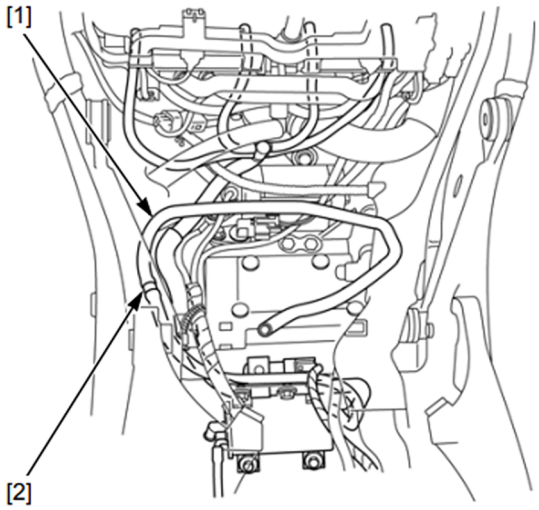
   The washers have different O.D.:

   - Left side: larger O.D.
   - Right side: smaller O.D.

AC Type:

Disconnect the fuel tank breather hose [1] (to EVAP canister) from the hose joint [2].

STANDARD type:



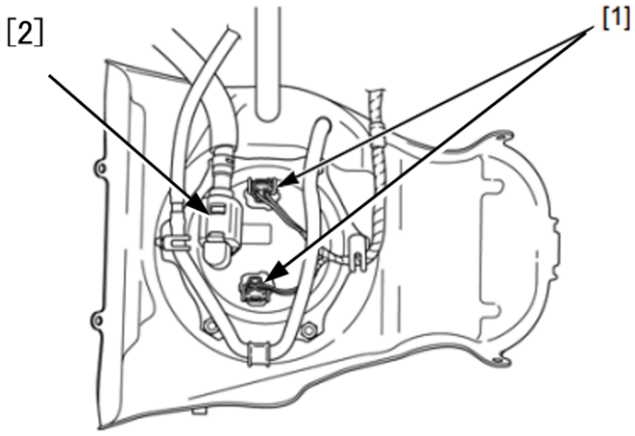
ABS type:

Lift the front end of the fuel tank and support it using a suitable support as shown.

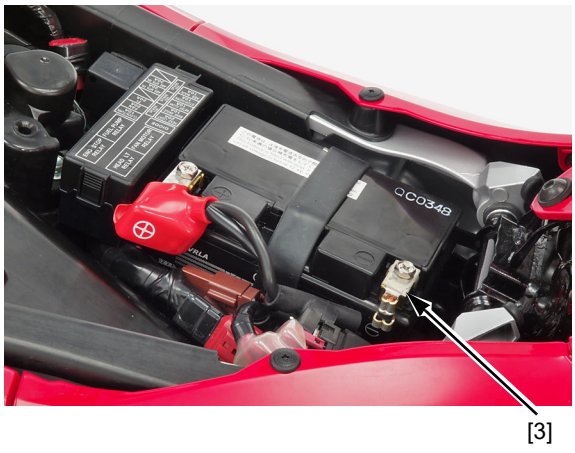
FUEL PRESSURE RELIEVING / QUICK CONNECT REMOVAL

Before disconnecting the fuel hose, relieve any fuel pressure from the system as follows:

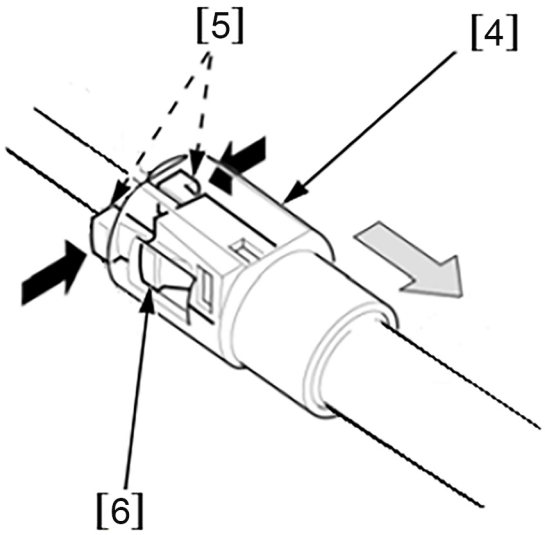
1. Turn the ignition switch OFF.
2. Disconnect the fuel pump 2P (Brown) connector [1].



3. Start the engine and let it idle until the engine stalls.
4. Turn the ignition switch OFF.
5. Disconnect the battery negative (-) cable [3].



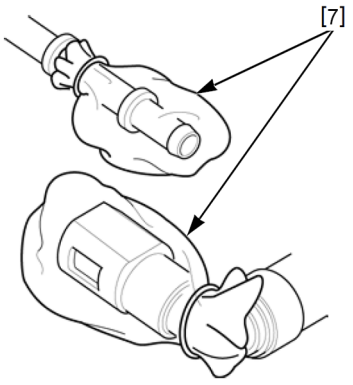
6. Hold the connector [4] with one hand and squeeze the retainer tabs [5] with the other hand to release them from the locking pawls [6]. Pull the connector off, then remove the retainer from the fuel joint.



NOTES:

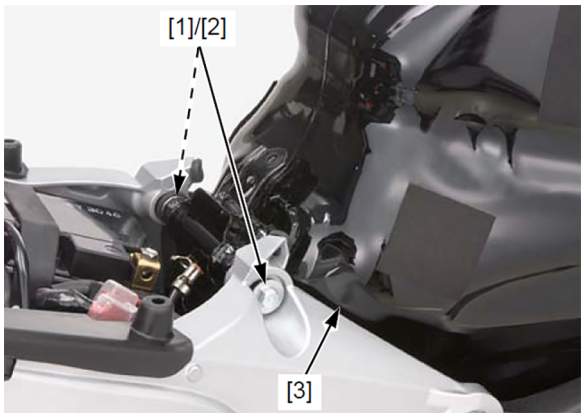
- Absorb the remaining fuel in the fuel hose from flowing out with a shop towel.
- Be careful not to damage the hose or other parts.
- Do not use tools.
- If the connector does not move, keep the retainer tabs pressed down, and alternately pull and push the connector until it comes off easily.

7. To prevent damage and keep foreign matter out, cover the disconnected connector and fuel joint with plastic bags [7].



FUEL TANK PIVOT BOLTS REMOVAL

1. Remove the fuel tank pivot bolts [1], washers [2] and fuel tank [3].



FUEL PUMP INSPECTION

See UNIT INSPECTION on page 2 for details.

If the fuel pump is not in the affected range, reassemble the motorcycle (page 11).

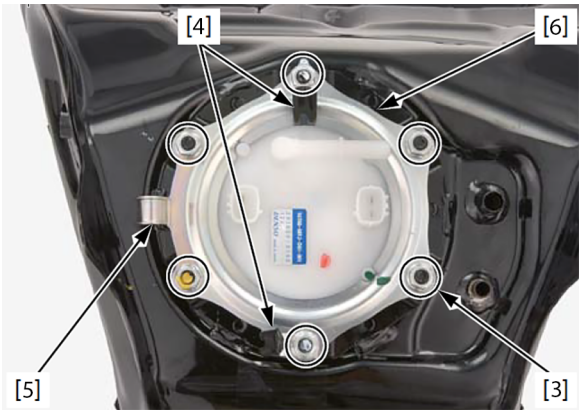
If the fuel pump is in the affected range, replace the fuel pump.

FUEL PUMP REPLACEMENT

FUEL PUMP UNIT REMOVAL

1. Disconnect the breather hose [1] and drain hose [2] from the fuel tank.

2. Remove the following:
   - Nuts [3]
   - Wire clamp [4]
   - Hose guide [5]
   - Setting plate [6]



3. Remove the fuel pump unit [7] and packings [8].

   NOTE:
   Be careful not to damage the pump wire and fuel level gauge.

FUEL PUMP UNIT INSTALLATION

Place new packings [1] onto the fuel pump unit [2].

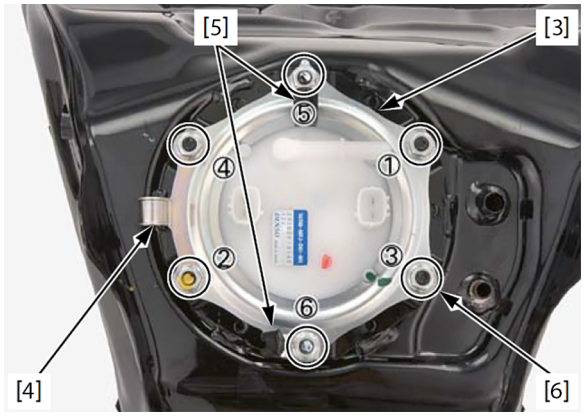
NOTE:
Replace the old packing with new ones.

Install the fuel pump unit to the fuel tank.

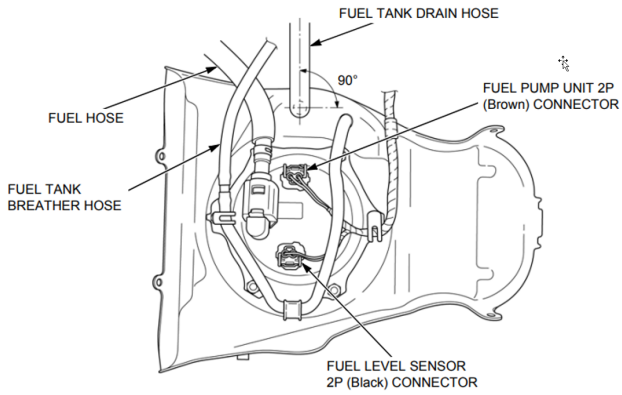
NOTICE:
Be careful not to damage the pump wire and fuel level gauge.

4. Install the following:
   - Setting plate [3]
   - Hose guide [4]
   - Wire clamps [5]
   - Nuts [6]
5. Tighten the nuts in the specified sequence to the specified torque.

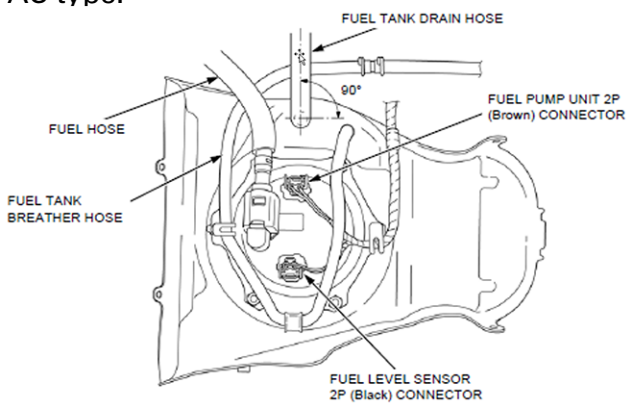
   TORQUE:
   12 N·m (1.2 kgf·m, 106 in·lb)



6. Connect the breather hose [7] and drain hose [8] to the fuel tank securely. Route the hoses properly.



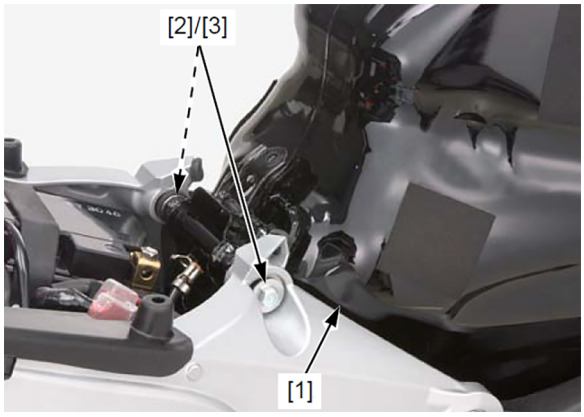
AC type:



MOTORCYCLE REASSEMBLY

FUEL TANK PIVOT BOLTS INSTALLATION

1. Install the fuel tank [1], washers [2], and the fuel tank pivot bolts [3].

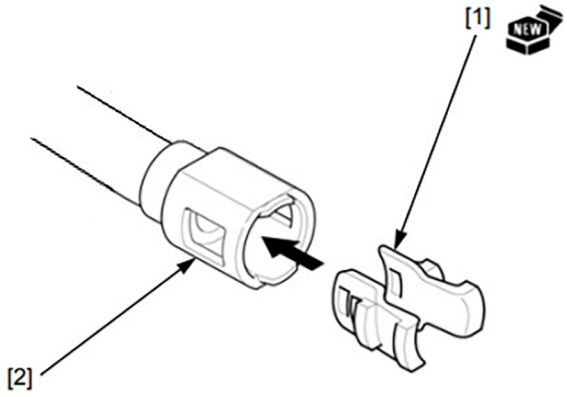


QUICK CONNECT FITTING INSTALLATION

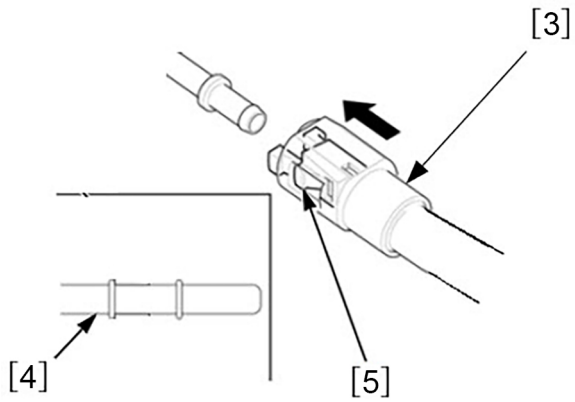
NOTE:
Do not bend or twist the fuel feed hose.

1. Insert a new retainer [1] into the connector [2].

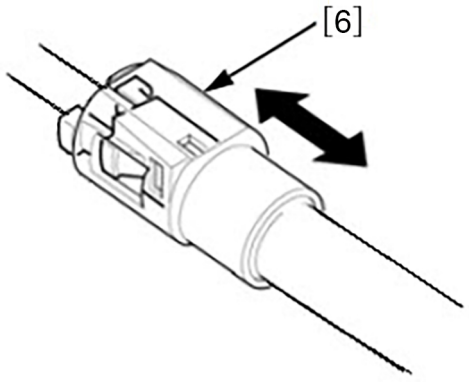
   NOTE:
   Align the retainer locking pawls with the connector grooves.



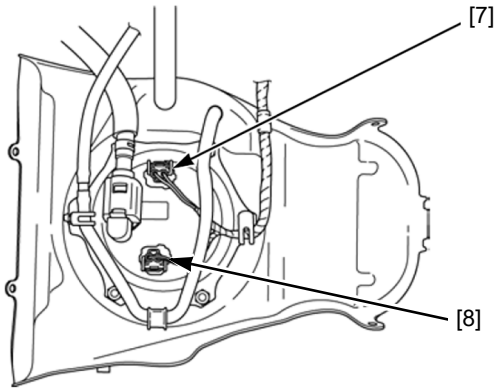
2. Align the quick connect fitting [3] with the fuel joint [4]. Then press the quick connect fitting onto the pipe until both retainer pawls [5] lock with a "CLICK". If it is hard to connect, put a small amount of engine oil on the pipe end.



3. Make sure the connection is secure and that the pawls are firmly locked into place; check visually and by pulling the connector [6].



4. Connect the fuel pump unit / level sensor 2P connectors [7]. Install the quick connector fitting cover [8].



5. Connect the battery negative (-) cable [9].

6. Turn the ignition switch ON and engine stop switch to RUN.

   The fuel pump will run for about 2 seconds, and the fuel pressure will rise.

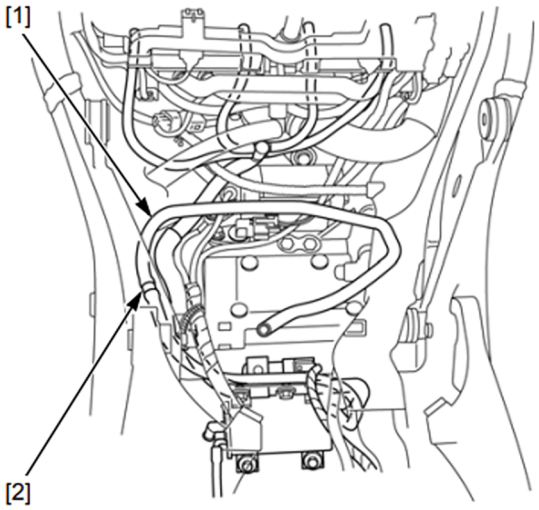
   Repeat 2 or 3 times and check that there is no leakage in the fuel supply system.

FUEL TANK LOWERING

AC Type:

Connect the fuel tank breather hose [1] (to EVAP canister) to the hose joint [2].

STANDARD type:



ABS type:

Remove the support and then lower the front end of the fuel tank.

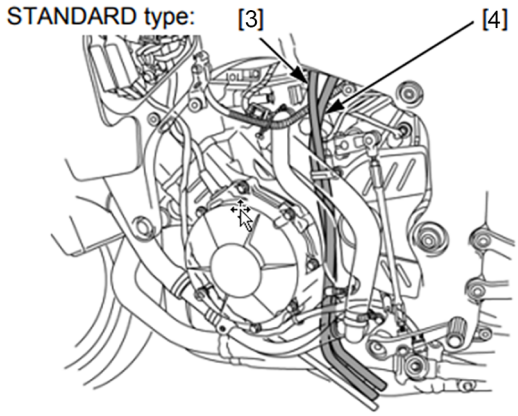
All Types:

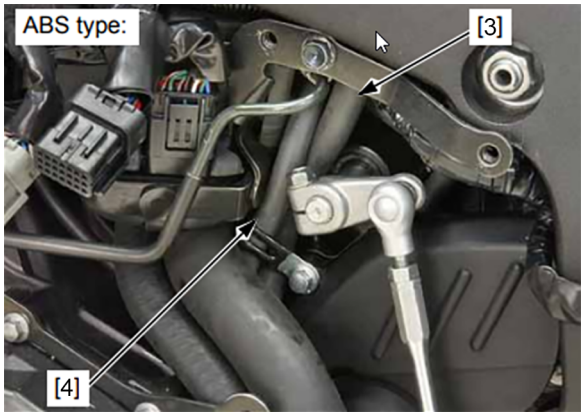
1. Install the washers [1], and the fuel tank mounting bolts [2].

   The washers have different O.D.:

   - Left side: larger O.D.
   - Right side: smaller O.D.

2. Release the fuel tank breather hose [1] and drain hose [2].

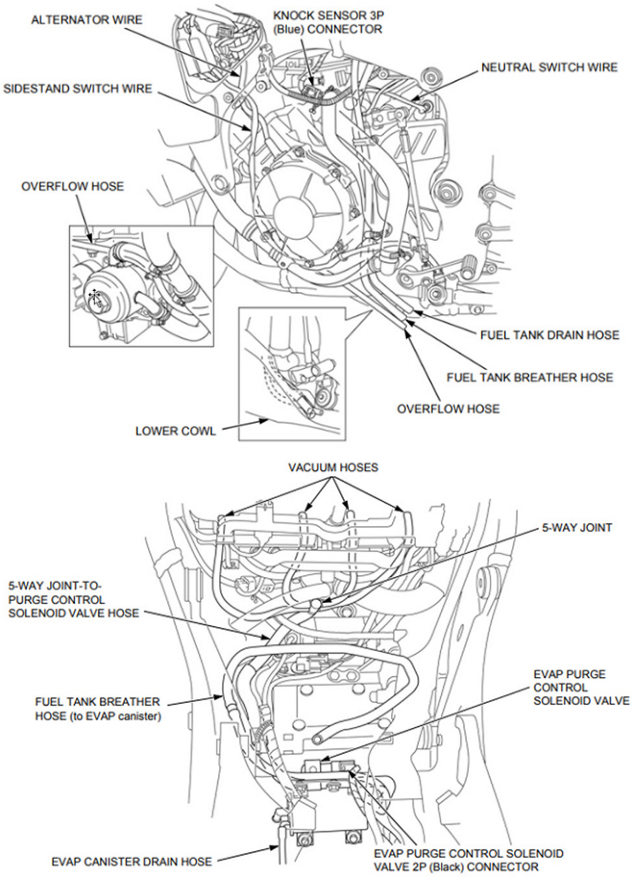




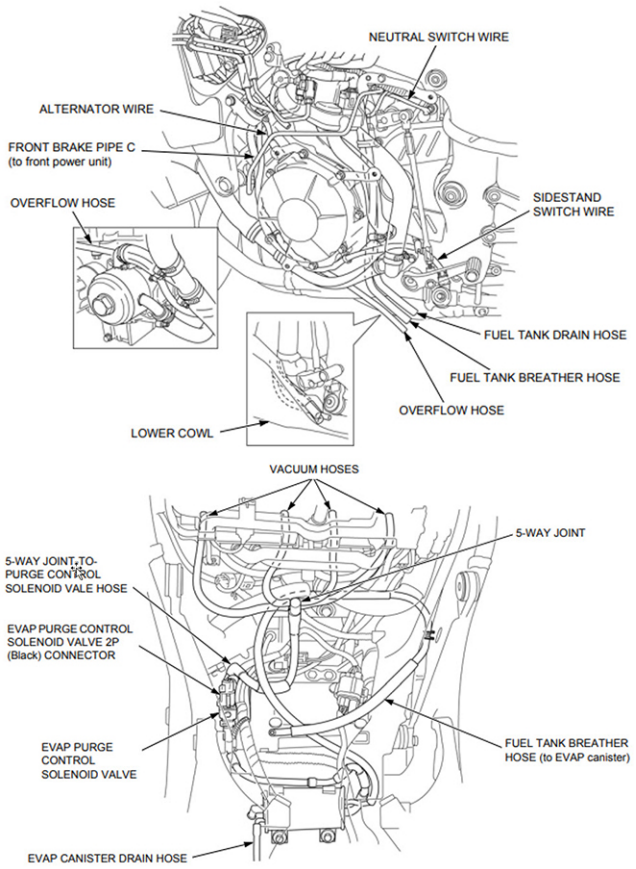
NOTES:

- Guide the breather hose and drain hose so as not to be kinked or bound.
- Route the hoses properly.

STANDARD type:



ABS type:

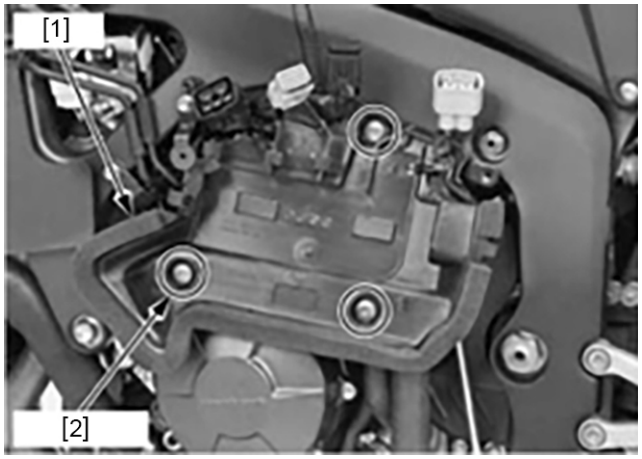


- Be careful not to damage the harness and hoses.
- After installing the fuel tank, make sure the breather, drain and fuel hoses are not kinked or bound.

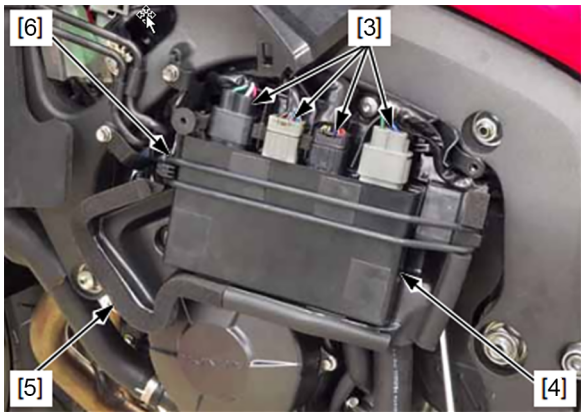
TORQUE:
Fuel tank mounting bolt:
30 N·m (3.1 kgf·m, 22 ft·lb)

COMBINED ABS CONTROL UNIT INSTALLATION

1. Install the Combined ABS control unit tray [1] and screws [2].



2. Install the Combined ABS control unit and connect the four connectors [3].
3. Place the Combined ABS control unit [4] on the tray [5].
4. Install the holder band [6].

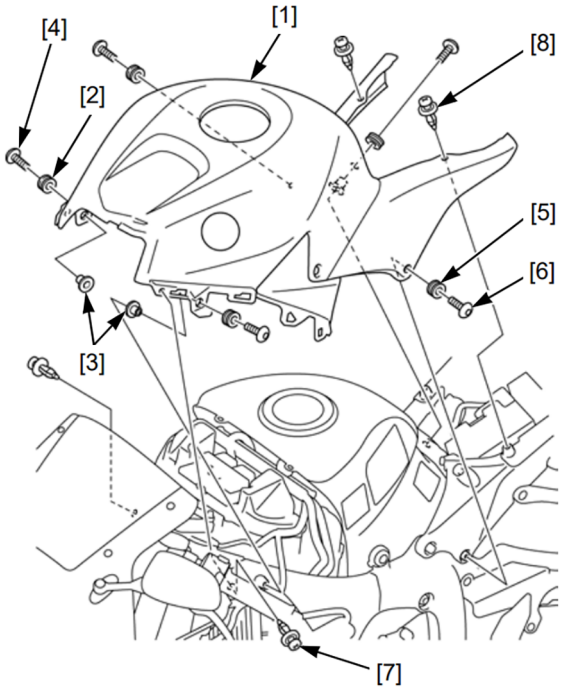


TOP SHELTER • SIDE COVER INSTALLATION

Install the following:

- Top shelter/side cover assembly [1]
- Grommets [2], collars [3], and screws [4]
- Grommets [5] and screws [6]
- Inner upper cowl-to-top shelter trim clips [7]
- Top shelter-to-rear fender B trim clips [8]

NOTE:
Be careful not to pinch the wires.

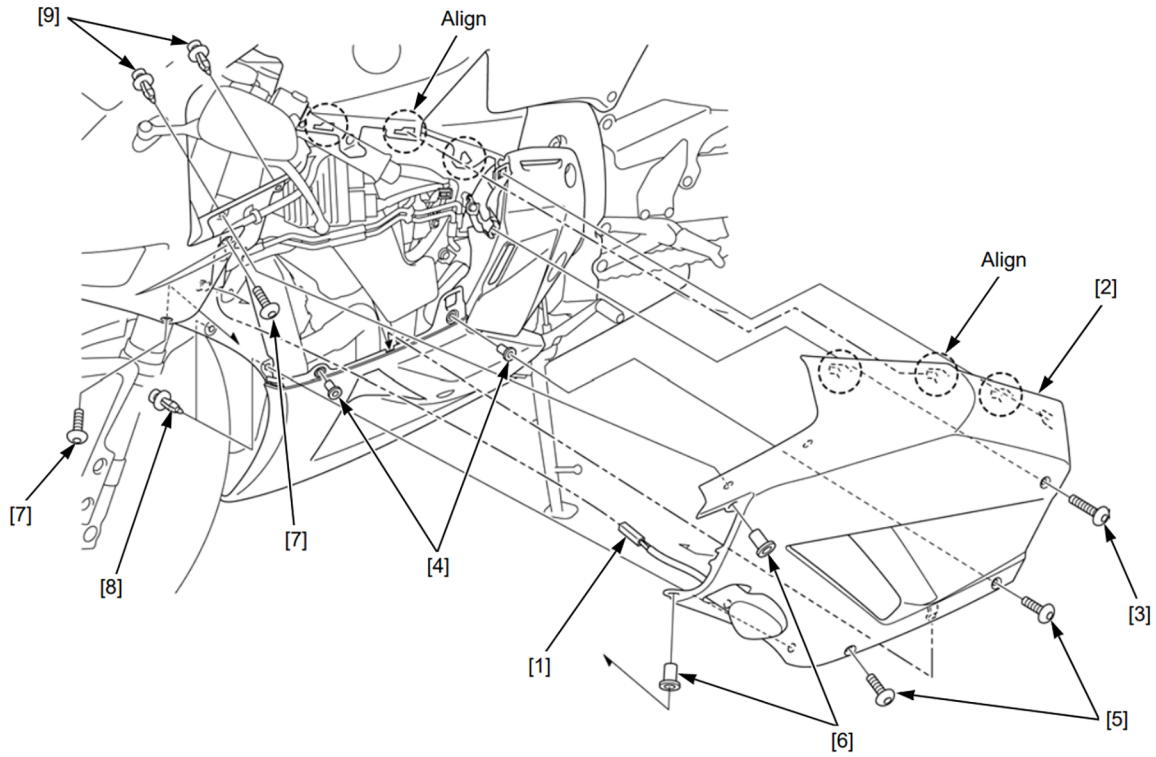


MIDDLE COWL INSTALLATION

1. Install the following:
   - Connect the turn signal 2P connector [1]
   - Middle cowl [2] and middle cowl screw [3]
   - Nuts [4] and middle cowl-to-lower cowl screws [5]
   - Nuts [6] and upper cowl-to-middle cowl screws [7]
   - Inner middle cowl-to-middle cowl trim clip [8]
   - Inner upper cowl-to-middle cowl trim clips [9]

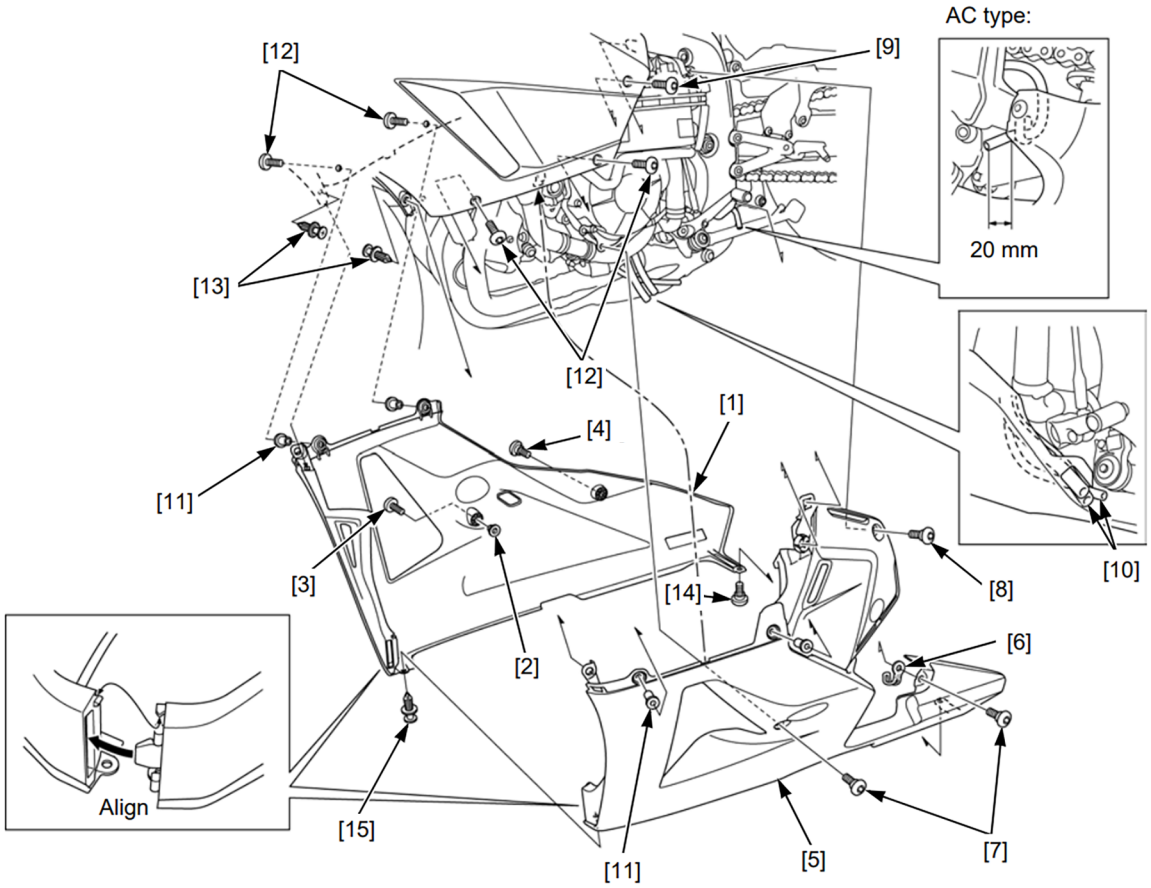
   NOTES:
   - Align the hooks with the slits.
   - Route the wires properly.
   - Be careful not to pinch the wires.

   TORQUE:
   Upper cowl-to-middle cowl screw: 1.5 N·m (0.2 kgf·m, 13 in·lb)
   Middle cowl-to-lower cowl screw: 1.5 N·m (0.2 kgf·m, 13 in·lb)



LOWER COWL INSTALLATION

1. Right side:
   Install the right lower cowl [1], collar [2], screw [3], and special screw [4].
2. Left side:
   Install the left lower cowl [5] and clamp [6] (AC type). Install the special screws [7], special screw [8] (ABS type). Install the screw [9]. Connect the hoses [10] to the lower cowl.
3. Install the inner middle cowl-to-inner lower cowl trim clips [13], middle cowl-to-lower cowl screws [12] and nuts [11].
4. Install the trim clip [15] and right-to-left lower cowl special screw [14].



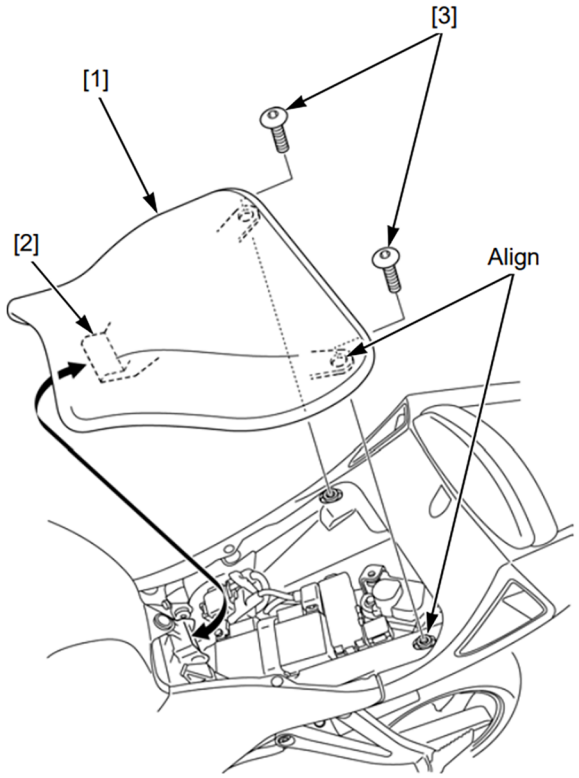
NOTES:

- Align the tabs and slits of the lower cowls.
- Route the hoses properly.

TORQUE:
Middle cowl-to-lower cowl screw: 1.5 N·m (0.2 kgf·m, 13 in·lb)
Right-to-left lower cowl special screw: 1.5 N·m (0.2 kgf·m, 13 in·lb)

SEAT INSTALLATION

1. Install the seat [1] by sliding it forward and inserting the prong [2] and aligning its holes with the seat rail bosses.
2. Install the screws [3] and tighten securely.



INSTALLATION

- (ABS Type) Combined ABS Control Unit
- Top Shelter / Side Cover
- Middle Cowl
- Lower Cowl
- Seat

Adjust the clock on the meter if it reset.

CALIFORNIA REGISTERED VEHICLES ONLY

The California Air Resources Board (CARB) requires this repair to be completed prior to California registration renewal. Owners whose affected vehicles have not received the required recall repairs(s) will not be able to renew their vehicle's California vehicle registration.
After completing the repair, dealers must issue a completed Vehicle Emission Recall - Proof of Correction certificate to the vehicle owner. California dealers (and any dealer repairing a California registered unit) must order the Proof of Correction certificates (item no. S0425) from Helm, Inc. Fill in the appropriate information on the certificate and give it to the customer. (See the sample below.)
NOTE: It is critical that you write down **KR2** as the Recall Number. The certificate may be requested by the California Department of Motor Vehicles at the time of vehicle registration renewal.

Write **KR2** in this section.

Vehicle Emission Recall - Proof of Correction

License Number	Make	Year Model	Body Type	Vehicle Identification Number

Manufacturer _____ Recall Number _____

The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.

Dealer's Name | Address, City, State and Zip

Date | Dealership's Authorized Signature

X

Return this certificate to DMV only when required - otherwise retain for your records.