



SAFETY RECALL

— Confidential and Proprietary —

Release Date: November 21, 2024

IND

Communication #: I-24-09

Expiration Date: No Expiration Date

Model Year(s): 2019, 2022–2023

VERSION: R01 (November 21, 2024)

IMPORTANT STOP SALE SAFETY NOTICE!

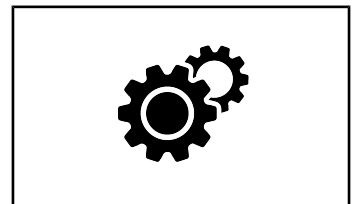
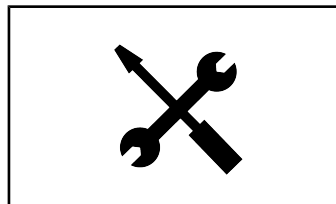
| Revision | Release Date | Update |
|----------|--------------|------------------------|
| R01 | 11/21/2024 | Safety Recall Released |

If you are working with a printed copy, please verify you have the most current version of this document.

SUBJECT: FTR FUEL TANK

REASON FOR THIS RECALL

Indian Motorcycle has determined that some Model Year 2019, 2022–2023 FTR motorcycles may have been assembled with a fuel tank that may leak. If this occurs, fuel may flow in close proximity to a heat source, posing a fire hazard and risk of serious injury. The affected population is less than 10 vehicles.



| Are units able to be retailed? | Can customer continue to ride? | Is the permanent repair for this Recall available? | Are parts available? |
|---|--------------------------------|--|---|
| YES | YES | YES | YES |
| Go to REPAIR PROCEDURE for instructions. | | Go to REPAIR PROCEDURE for instructions. | Go to PARTS ORDERING for instructions. |

REMEDY

To address this concern, Indian Motorcycle has released this Safety Recall with instructions to replace the fuel tank on affected vehicles.

DEALER - WHAT TO DO?

As of November 21, 2024, **YOU MUST NOT SELL OR DELIVER** any **NEW OR USED 2019, 2022–2023 FTR Models** affected by this **Stop Sale** until it is repaired according to the **Safety Recall**.

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QUICK REFERENCE TABLE

Reference the table below for details related to this Safety Recall and some of the requirements.

| NOTICE | |
|---|--|
| For additional reference information not included in the document, click HERE . | |

| | |
|--------------------------------------|---|
| Parts Availability | In stock and available to order |
| Parts Ordering | <input checked="" type="checkbox"/> Standard Parts Order |
| Parts Destruction or Disposal | See Supplemental Information section at the end of this document |
| Required Special Tools | N/A |
| Claim Submission Type | Service Bulletin Warranty Claim |

| ITEM | REQUIRED? | LINK / ADDITIONAL INFORMATION |
|---|---|-------------------------------|
| Training Requirement | N | |
| Inspection Required | N | |
| Parts removed during repair to be returned to Polaris? | No, Dispose of parts according to local regulations | |
| Are Service Parts Affected? | N | |
| Photo Requirements | N | |
| Part Serial Number entry (US/CA only) | N | |
| Secondary Technician Audit | N | |

WARRANTY CLAIM INFORMATION

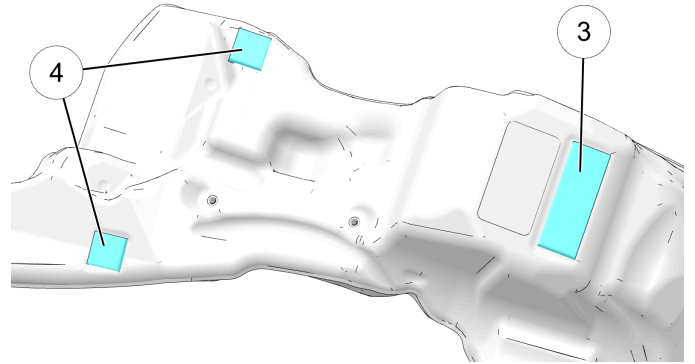
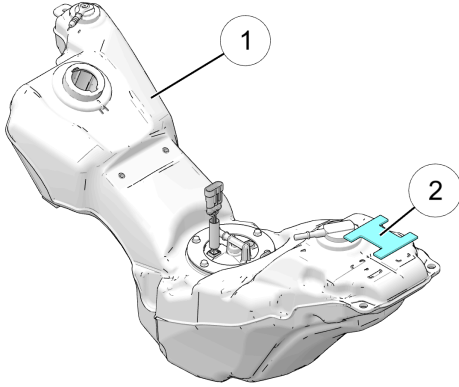
| BULLETIN # | DESCRIPTION | LABOR ALLOWANCE | PART NUMBER / DESCRIPTION |
|------------|-------------------|---------------------------|---|
| FTR | | | |
| I-24-09-AA | Replace Fuel Tank | 1.2 hours (72 minutes) | <ul style="list-style-type: none"> 1028733 - fuel tank assembly (qty 1) 5814857 - wire retaining pad (qty 1) 5814767 - fuel tank pad, rectangle (qty 1) 5814766 - fuel tank pad, square (qty 2) |

AFFECTED MODELS

| MODEL YEAR | MODELS | AFFECTED RANGE |
|------------|--------|---|
| 2019 | FTR | Reference Unit Inquiry on the dealer website or the Service Communications list on the STOP site to look up affected units. |
| 2022-2023 | | |

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PARTS ORDERING



| REFERENCE | QTY | PART DESCRIPTION | P/N |
|-----------|-----|--------------------------|---------|
| ① | 1 | Fuel Tank | 1028733 |
| ② | 1 | Wire Retaining Pad | 5814857 |
| ③ | 1 | Fuel Tank Pad, Rectangle | 5814767 |
| ④ | 2 | Fuel Tank Pad, Square | 5814766 |

REPAIR OVERVIEW

In this procedure, the fuel tank will be replaced.

CRITICAL STEPS

The following procedure steps are critical to a successful repair:

1. Depressurize the fuel system.
2. Syphon and dispose of old fuel according to local regulations.
3. Do not damage the new fuel tank during installation.
4. Do not use anything other than fingers to remove electrical or fuel connectors.
5. Verify all connections are secure and check for leaks at completion of repair.

REPAIR PROCEDURE

TOOLS REQUIRED

- Pliers, Needle Nose
- Socket Set, Metric
 - Socket Size: 8, 10 mm
- Socket Set, Allen
 - Socket Size: 4, 5, 6, 8 mm
- Wrench Set, Metric
 - Wrench Size: 10 mm
- Torque Wrench

- Safety Glasses
- Drain Pan
- Fuel Siphon Tool

VEHICLE PREPARATION

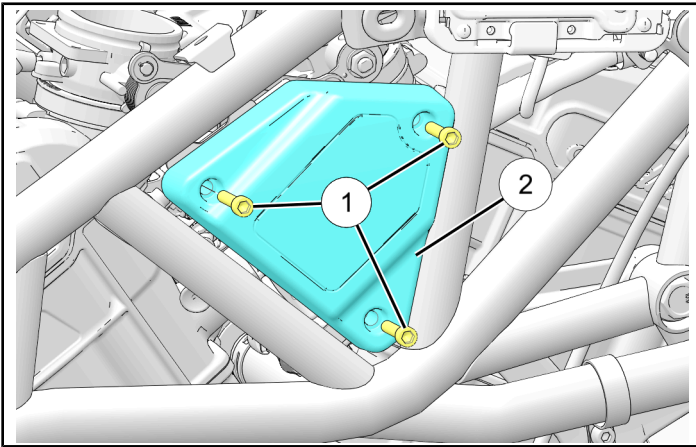
1. Park the motorcycle on a lift table with the wheel clamped in a wheel vise.
2. Turn key to OFF position and remove key.

IMPORTANT

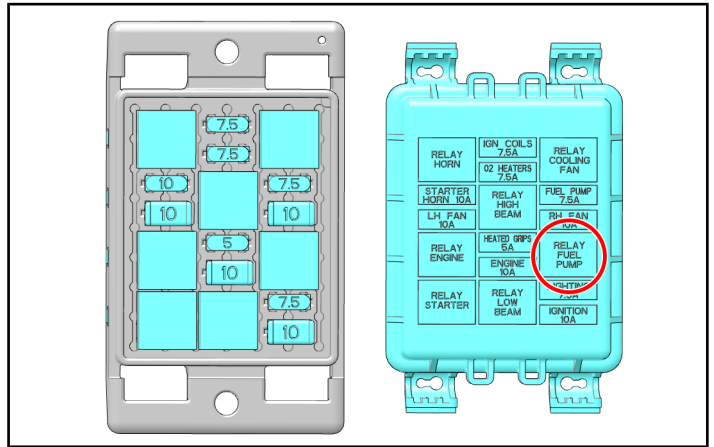
Allow the engine and cooling system to cool before servicing.

DEPRESSURIZE THE FUEL SYSTEM

1. Remove the three fasteners ① securing the right V-cover ②.



2. Locate the fuel pump power fuse.



3. Pull the fuel pump power fuse and crank the engine over for 5 seconds to release pressure.
4. Install fuel pump power fuse and install fuse box cover. Torque fasteners to specification.

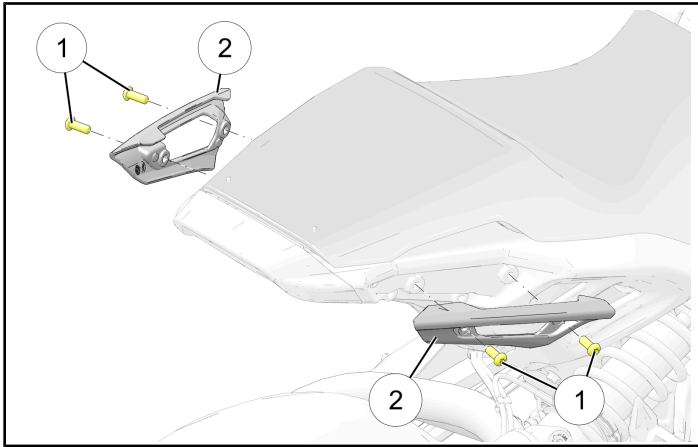
TORQUE

V-Cover Fasteners:
36 in-lbs (4 N·m)

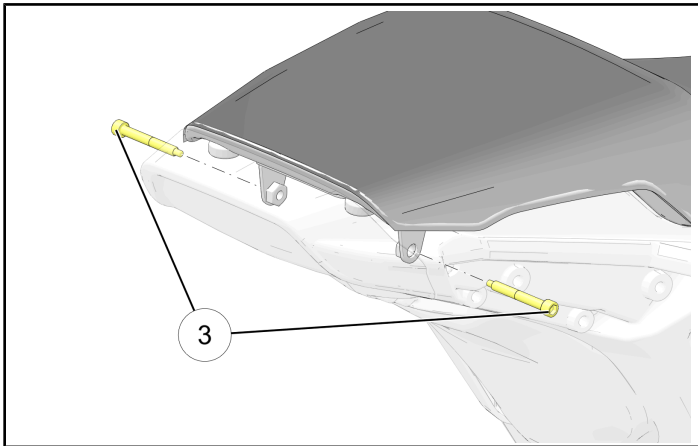
FUEL TANK REPLACEMENT

MOTORCYCLE DISASSEMBLY

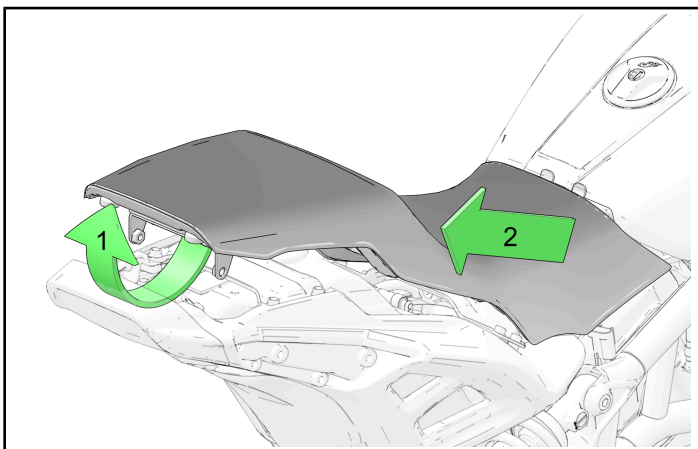
1. Remove both Passenger Grab Handle Fasteners ① and Grab Handles ②.



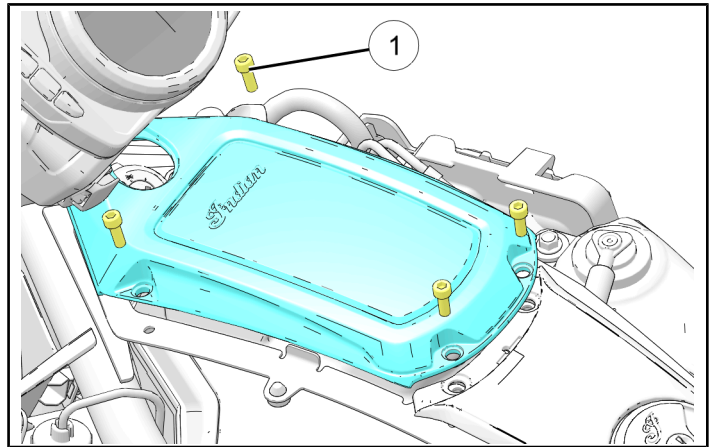
2. Remove Seat Fasteners ③.



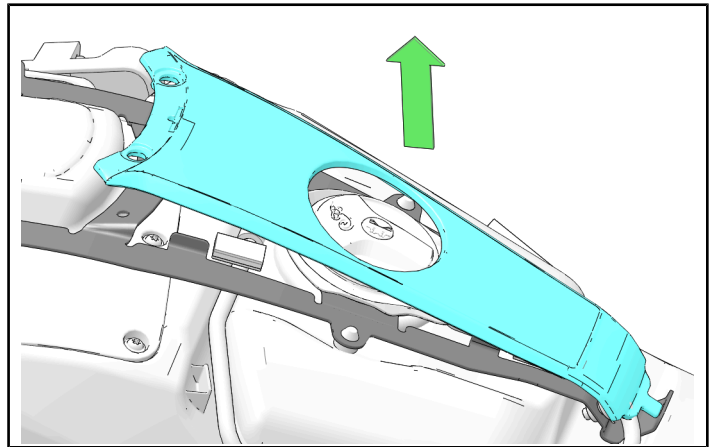
3. Lift up on the rear of the seat and pull rearward to disengage the front of the seat from the frame.



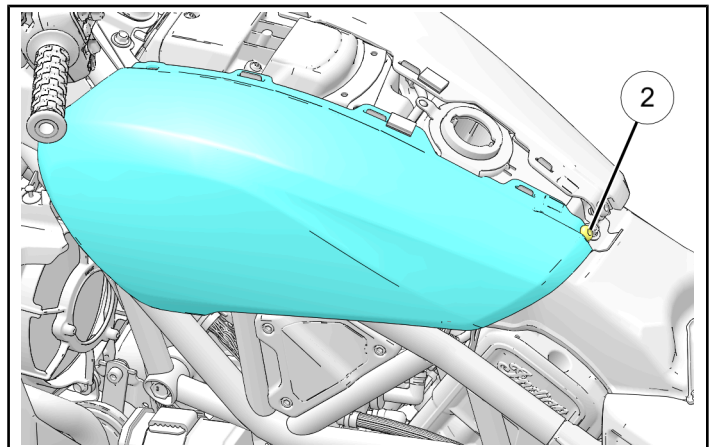
4. Remove four fasteners ① securing air box bezel.



5. Remove the center console cover from the alignment bracket.



6. Remove fastener ② securing the air box covers. Remove air box covers.



7. Remove fuel cap.

NOTICE

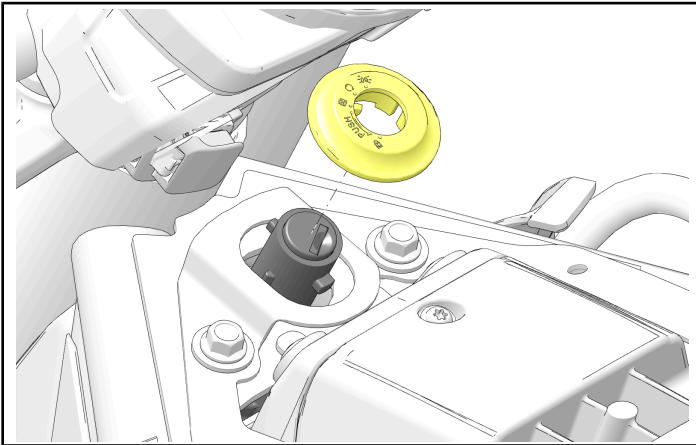
Retain the fuel cap for installation on the NEW tank.

8. Drain fuel from tank using a clean vacuum or siphon pump designed for fuel systems.

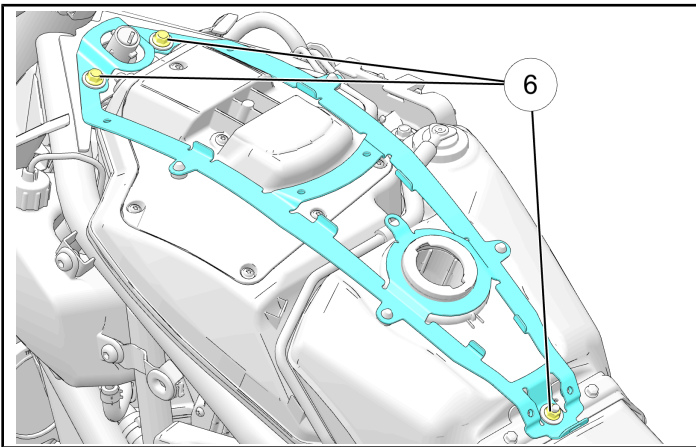
IMPORTANT

Dispose of fuel according to local regulations.

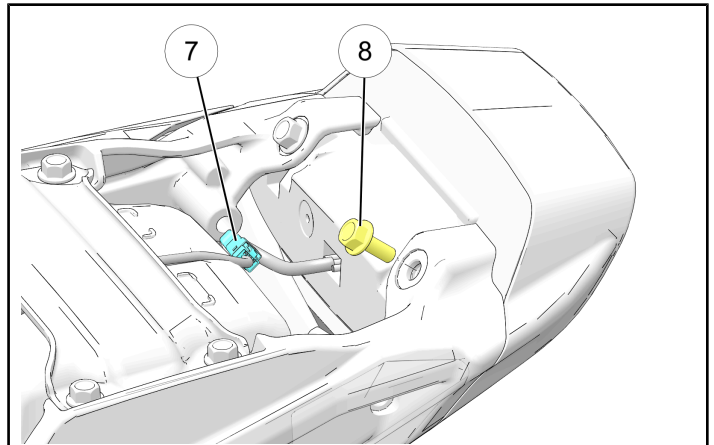
9. Remove the key lock bezel.



10. Remove three fasteners ⑥ to remove alignment bracket.



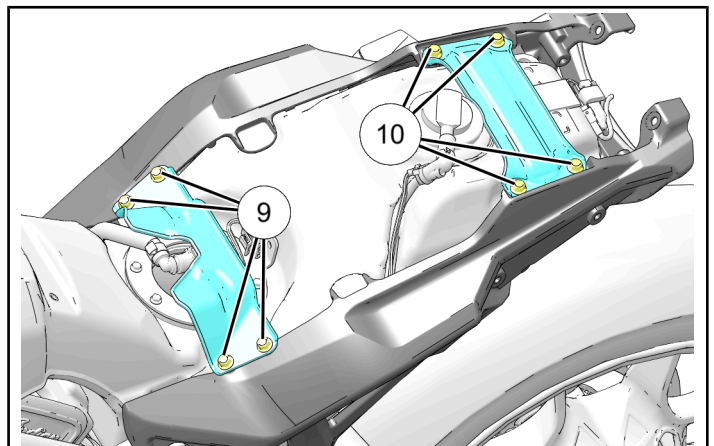
11. Disconnect electrical connection ⑦ and remove left tail light fastener ⑧.



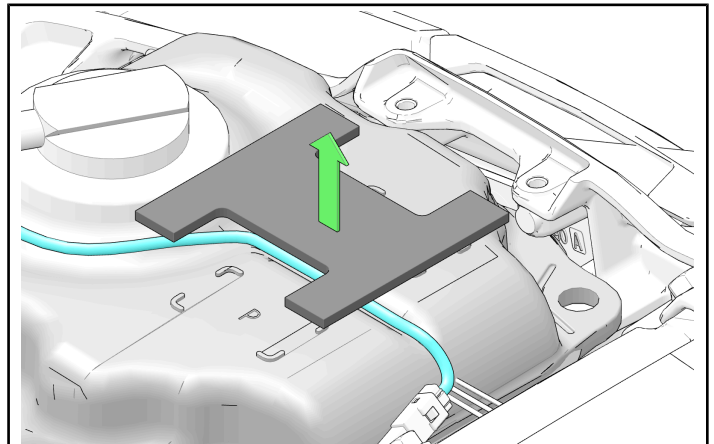
CAUTION

Do not use anything other than fingers to remove electrical connectors. The use of tools can damage the connection.

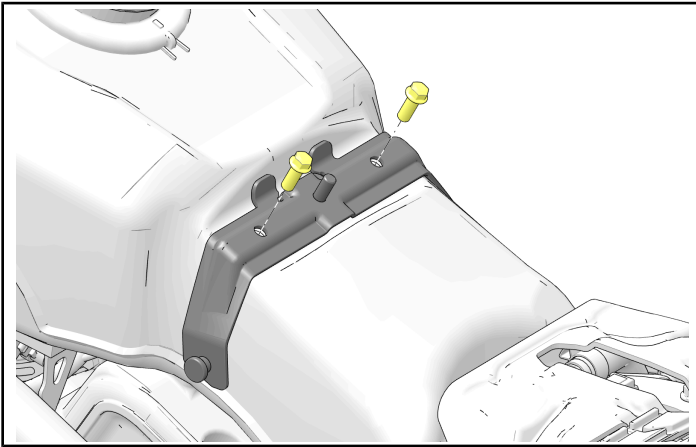
12. Remove front seat support bracket by removing its fasteners ⑨. Remove rear seat support bracket by removing its fasteners ⑩.



13. Remove and **discard** wire retaining pad



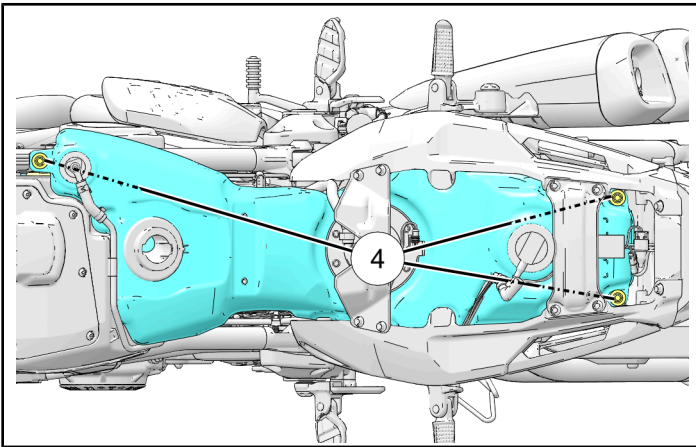
14. Remove the two fasteners securing the seat alignment bracket to the fuel tank.



NOTICE

Retain fasteners and bracket for installation on NEW fuel tank.

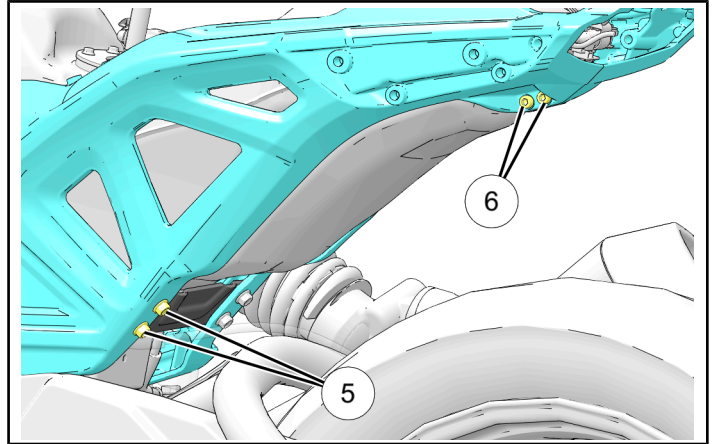
15. Remove three fasteners ④ securing fuel tank.



IMPORTANT

Washers are loose from the fastener. Use care not to drop them during removal.

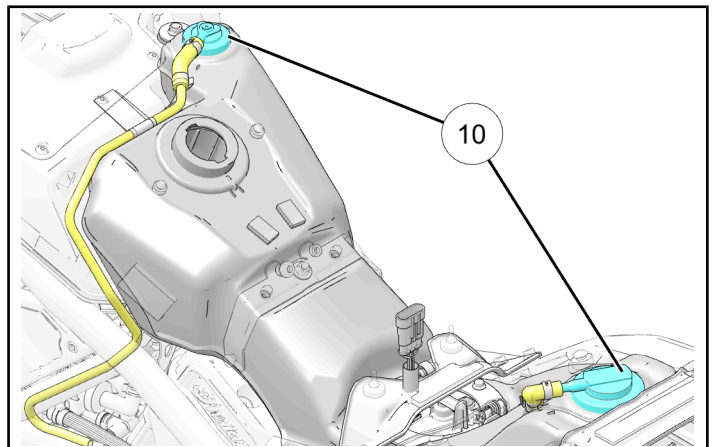
16. Remove two fasteners securing ⑤ left sub-frame. Remove two fasteners ⑥ securing rear sub-frame to bottom fuel tank support.



IMPORTANT

Pay attention to bottom fuel tank support orientation for reinstallation.

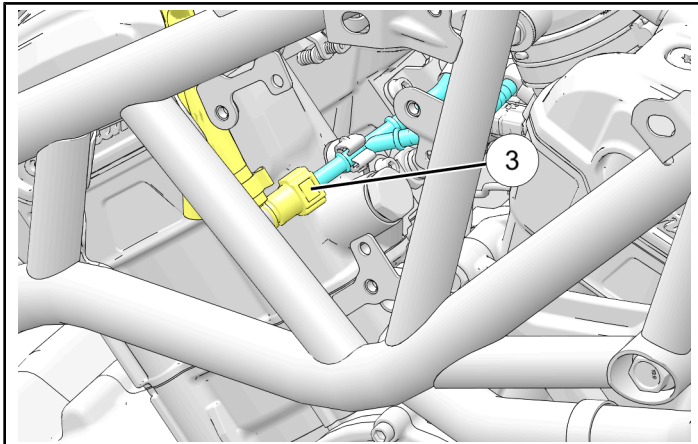
17. Disconnect the front and rear vent lines from the fuel tank vents ⑩.



NOTICE

Be careful not to damage the vent lines or barbs.

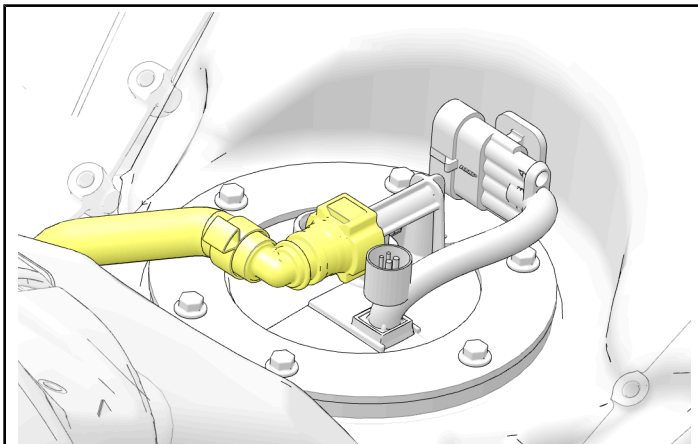
18. Wrap a clean shop towel around fuel line fitting ③. Squeeze both release buttons (one on each side of fitting) and hold. Gently slide fitting straight off fuel rail.



IMPORTANT
Cover fuel fittings to keep debris out.

STOP!
Do not use anything other than fingers to remove the quick connection. The use of tools can damage the connection.

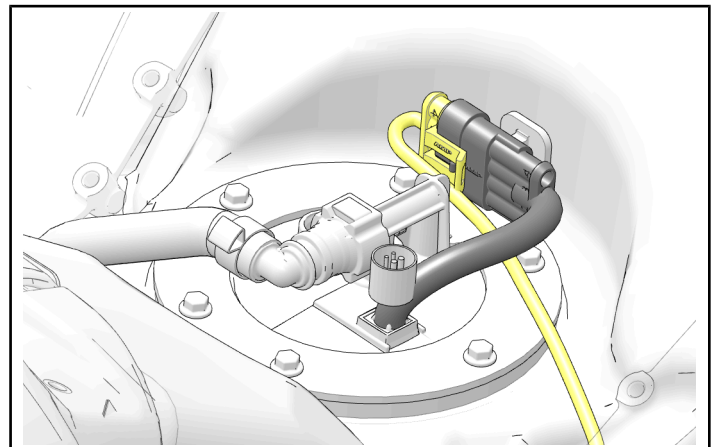
19. Wrap a clean shop towel around fuel line fitting. Squeeze both release buttons (one on each side of fitting) and hold. Gently slide fitting straight off fuel pump.



IMPORTANT
Cover fuel fittings to keep debris out.

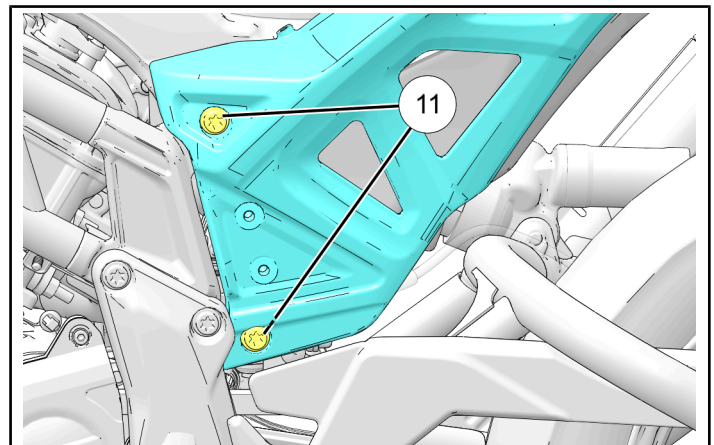
STOP!
Do not use anything other than fingers to remove the quick connection. The use of tools can damage the connection.

20. Disconnect fuel pump electrical connector.



STOP!
Do not use anything other than fingers to remove electrical connector. The use of tools can damage the connection.

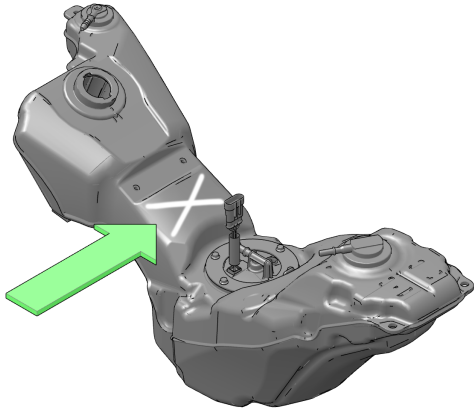
21. Remove left hand sub-frame by removing two fasteners ⑪.



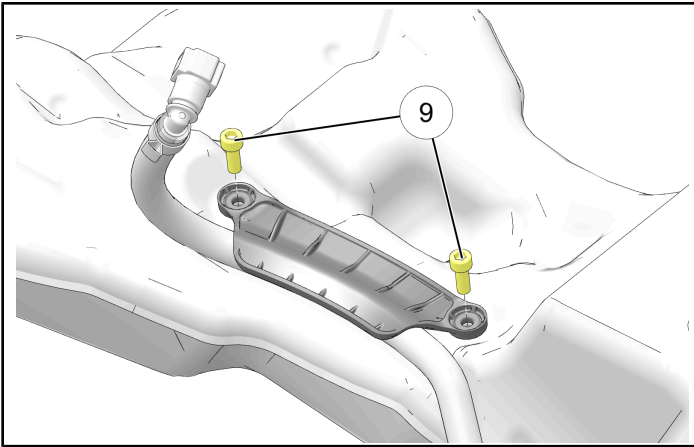
22. Remove the fuel tank.

STOP!

Using a paint pen, mark the fuel tank with an X above the fuel pump area as shown.



23. Remove the fuel line retainer fasteners ⑨ and retainer.



NOTICE

Retain fasteners and fuel line retainer for installation on NEW fuel tank.

IMPORTANT

Dispose of the fuel tank according to local regulations.

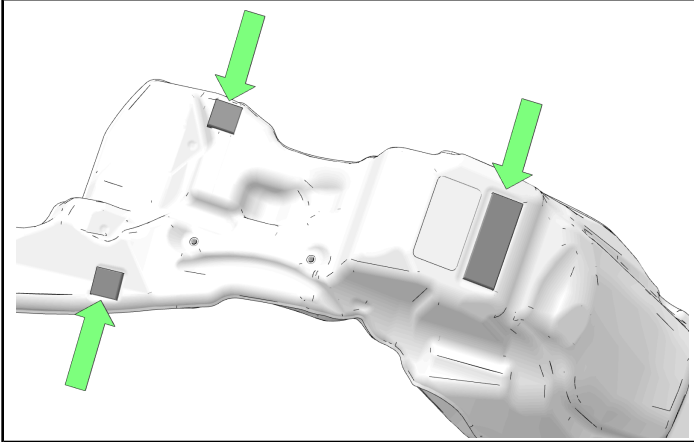
FUEL TANK INSTALLATION

1. Clean the bottom recess areas of the fuel tank using isopropyl alcohol and a clean rag.

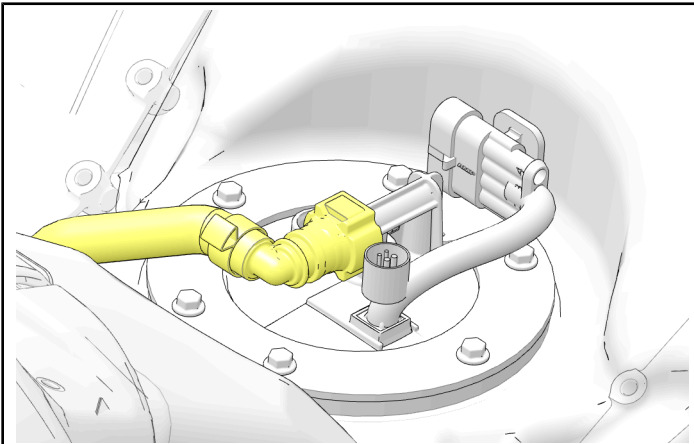
IMPORTANT

Allow the area to dry before applying the fuel tank pads.

2. Install new fuel tank pads to the bottom recess areas of the fuel tank in the locations shown.



3. Connect the fuel line to the fuel pump.



STOP!

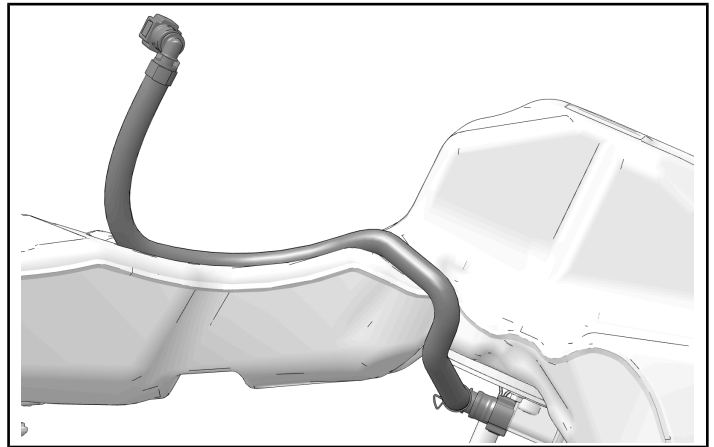
Verify fuel line is properly seated and locked in place by listening for an audible “click” when pressing into place. Pull gently on quick connector to make sure a proper connection has been made.

Verify the following:

- Fuel line connector is fully engaged.
- Fuel lines connections stay secured when performing push/pull test with at least 5 lbs. of force.

IF THE FUEL LINE FAILS TO CLICK, OR FAILS THE PULL PORTION OF THE TEST ABOVE, REPLACE THE FUEL LINE.

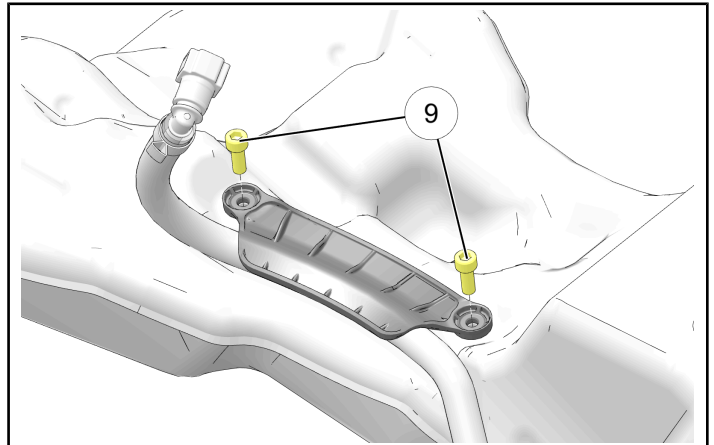
4. Verify the fuel line is routed properly as shown.



IMPORTANT

The blue fuel line connector connects to the fuel pump, and the green fuel line connector to the fuel rail.

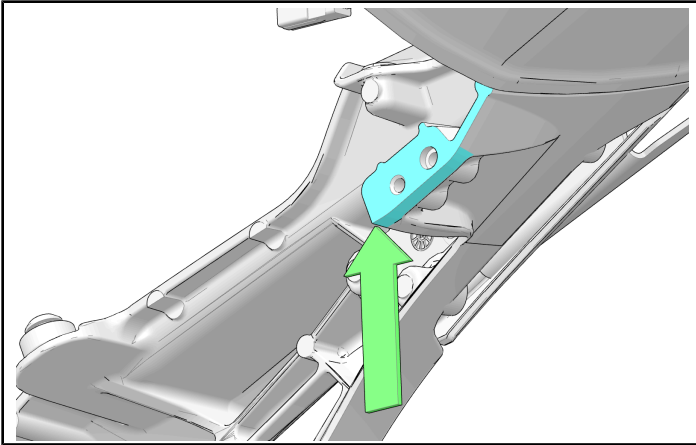
5. Install the fuel line retainer as shown. Install fasteners and torque to specification.



TORQUE

Fuel Line Retainer Bracket Fasteners:
43 in-lbs (5 N·m)

6. Install tape on the right-hand sub-frame to protect the fuel tank from scratching during installation.

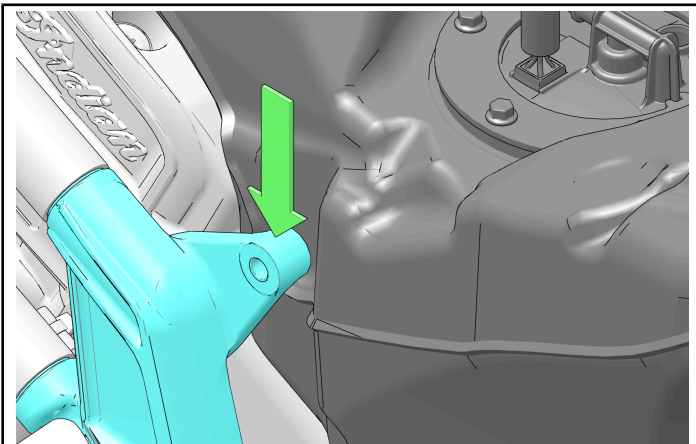


7. Set the fuel tank onto the unit.

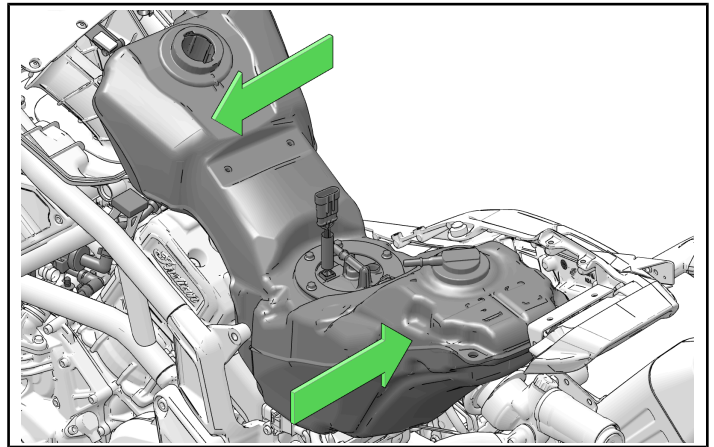
CAUTION

Handle the fuel tank with care. Check fuel line routing and make sure it does not become pinched during installation.

8. Use the top of the footpeg mount as a center point of rotation for the next step.

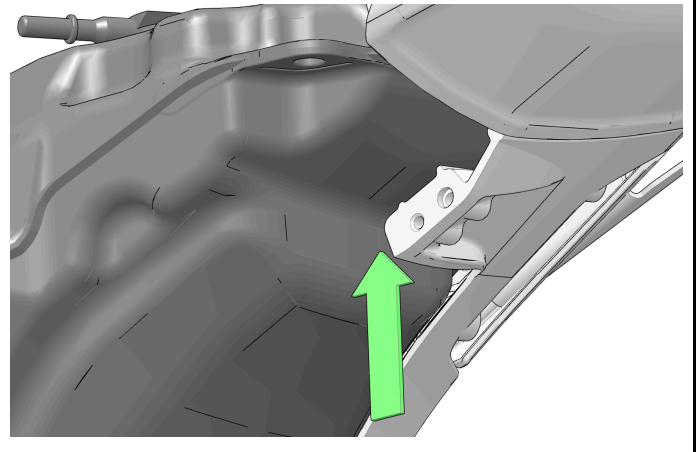


9. Pivot the tank into position.

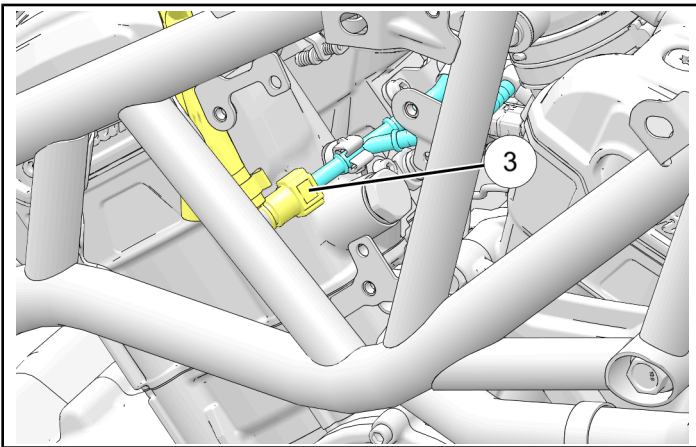


IMPORTANT

Use care not to scratch the rear of the tank during installation



10. Connect the fuel line ③ to the fuel rail.



STOP!

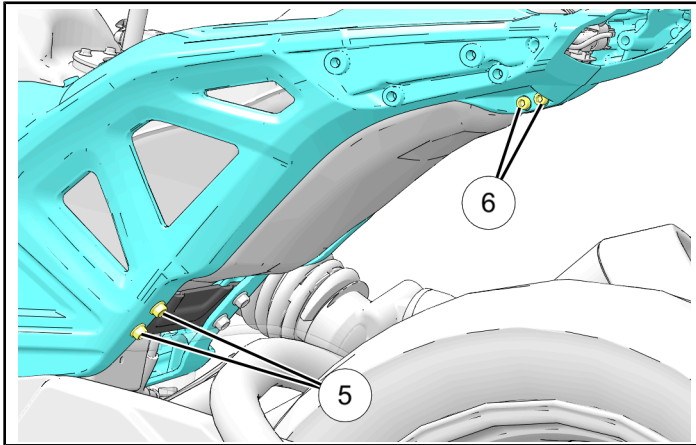
Verify fuel line is properly seated and locked in place by listening for an audible “click” when pressing into place. Pull gently on quick connector to make sure a proper connection has been made.

Verify the following:

- Fuel line connector is fully engaged.
- Fuel lines connections stay secured when performing push/pull test with at least 5 lbs. of force.

IF THE FUEL LINE FAILS TO CLICK, OR FAILS THE PULL PORTION OF THE TEST ABOVE, REPLACE THE FUEL LINE.

11. Install the left hand sub-frame and loosely install its fasteners.
12. Remove the tape from the right-hand sub-frame.
13. Install the remaining two fuel tank support fasteners ⑤. Torque to specification.



TORQUE

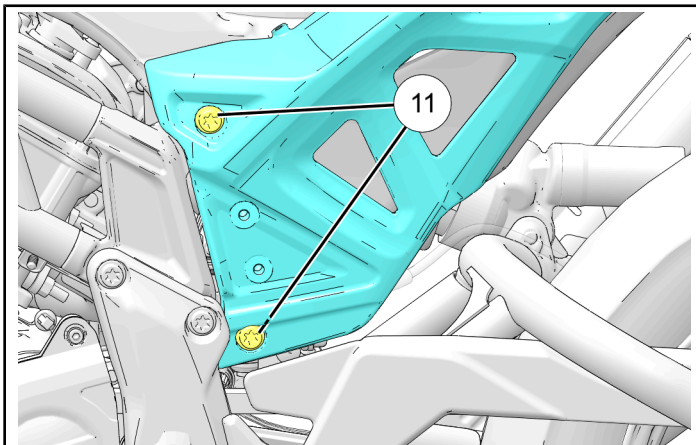
Fuel Tank Support Fasteners (Bottom) ⑤:
96 in-lbs (11 N·m)

14. Install the fasteners securing the left sub-frame ⑥. Torque to specification

TORQUE

Sub-frame Fasteners (M6) ⑥ :
96 in-lbs (11 N·m)

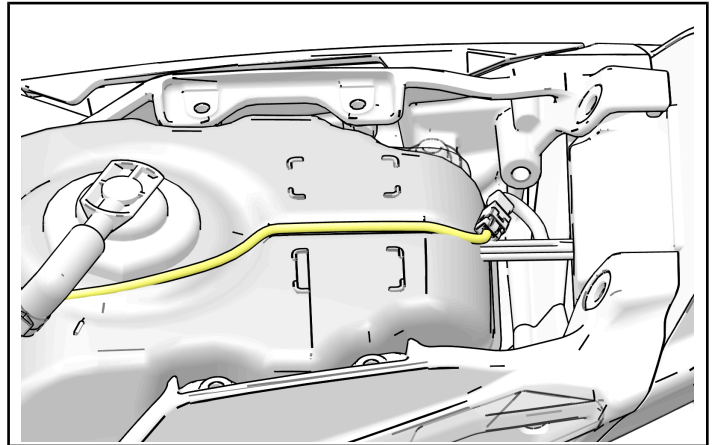
15. Install two left hand sub-frame fasteners ⑪. Torque to specification



TORQUE

Sub-frame Fasteners (M10):
47 ft-lbs (64 N·m)

16. Make sure the rear taillight wiring is routed properly in the recess of the fuel tank as shown.

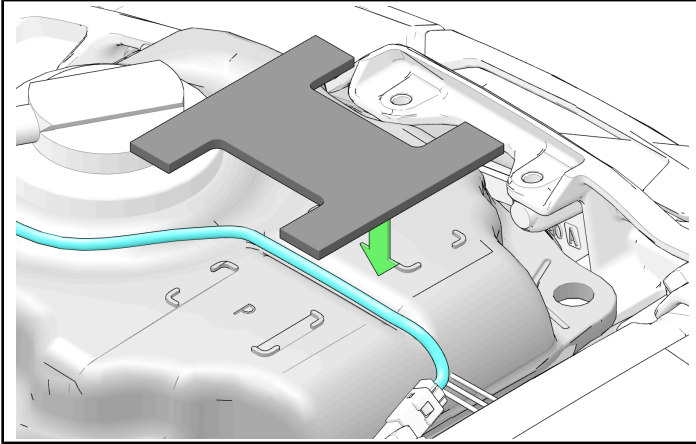


17. Clean the retaining pad area of the fuel tank using isopropyl alcohol and a clean rag.

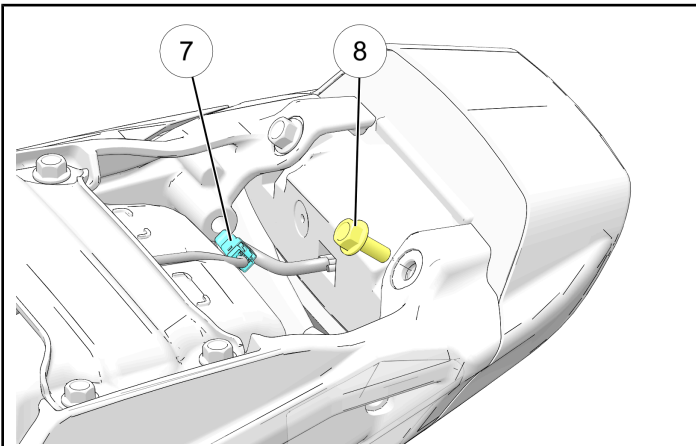
IMPORTANT

Allow the area to dry before applying the retaining pad.

18. Install NEW wire retaining pad over the rear taillight wire.



19. Connect electrical connection ⑦ and install left tail light fastener ⑧. Torque fastener to specification.



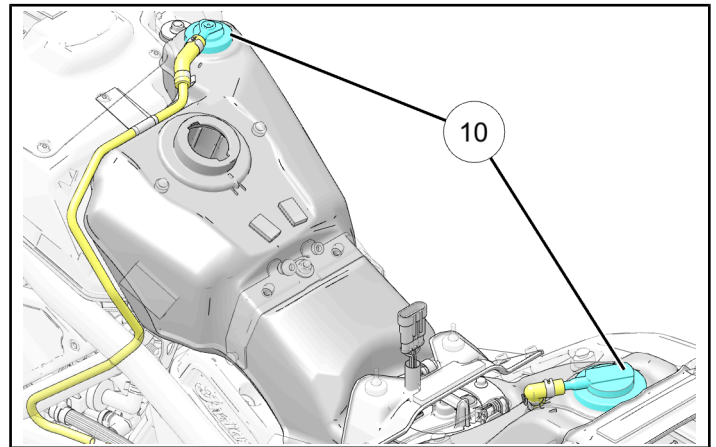
IMPORTANT

Listen for audible "click" when pressing into place. Pull gently on connector once seated to ensure a proper connection has been made.

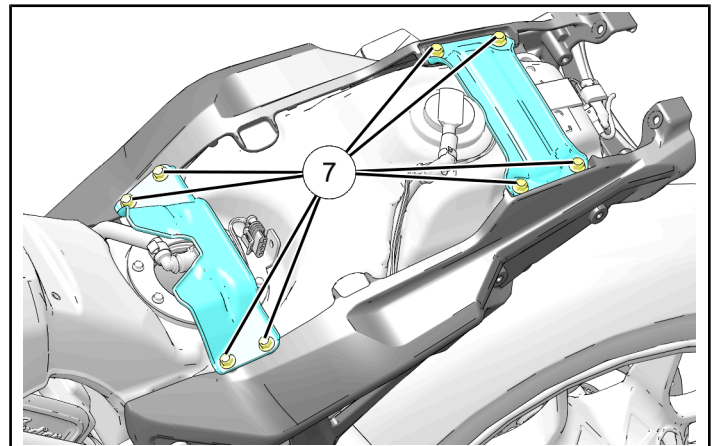
TORQUE

Tail Light Fasteners:
88 in-lbs (10 N·m)

20. Connect the front and rear vent lines to the fuel tank vents ⑩.



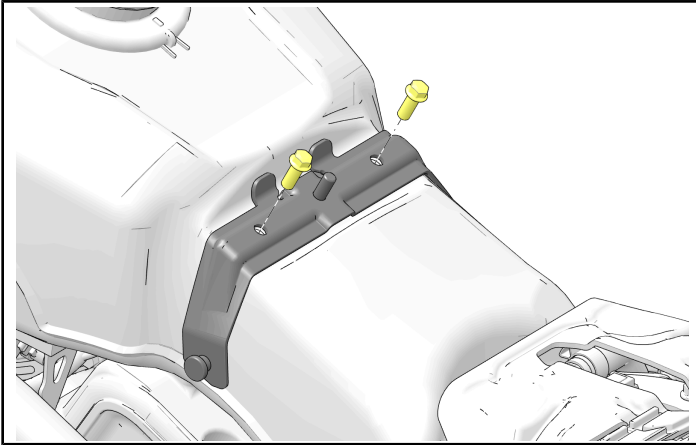
21. Install the front and rear seat support brackets and their fasteners ⑦. Torque to specification.



TORQUE

Seat Support Bracket Fasteners (Rear):
96 in-lbs (11 N·m)

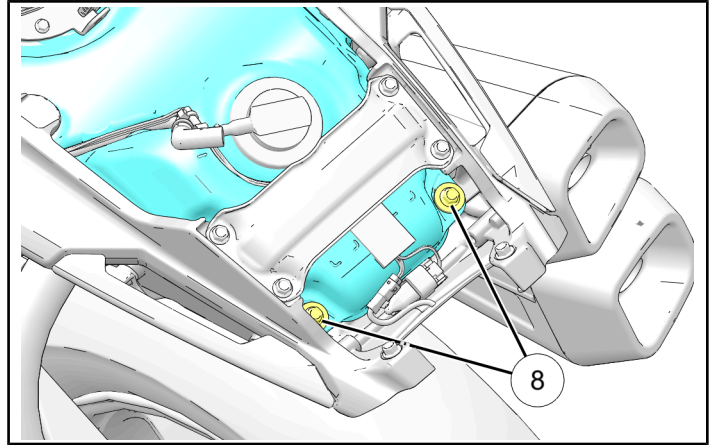
22. Install the two fasteners securing the seat alignment bracket to the fuel tank. Torque to specification.



TORQUE

Seat Support Bracket Fasteners (front):
48 in-lbs (5 N·m)

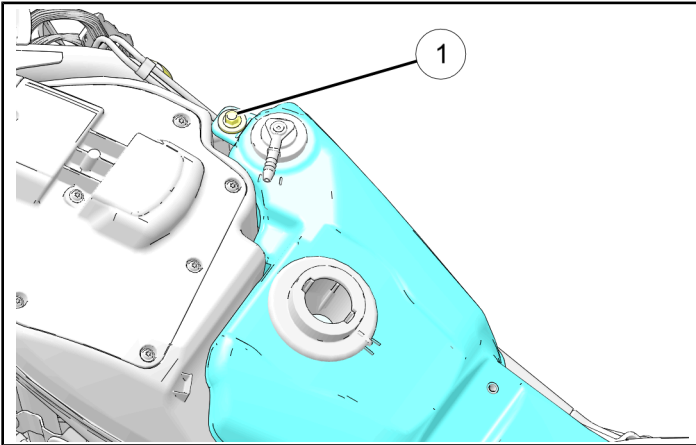
24. Install the two rear fuel tank fasteners ⑧ and washers. Torque the front and rear fasteners to specification.



TORQUE

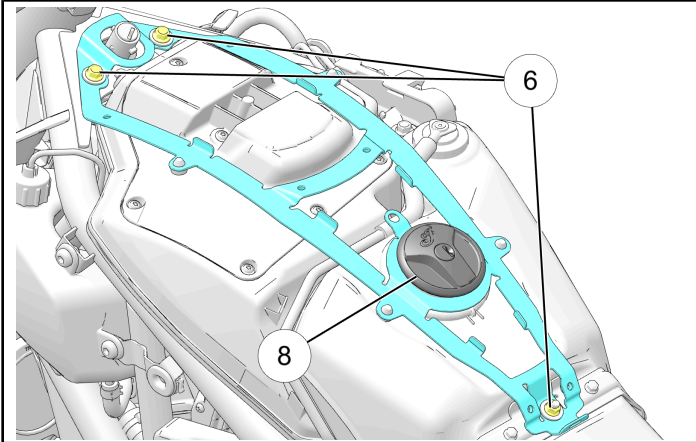
Fuel Tank Fasteners:
88 in-lbs (10 N·m)

23. Install the front fuel tank fastener ① and washer.



MOTORCYCLE ASSEMBLY

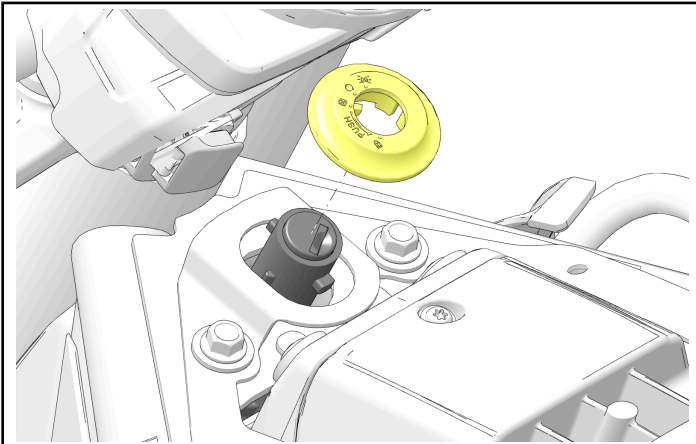
1. Install alignment bracket and install fuel cap ⑧.
Install and torque fasteners ⑥ to specification.



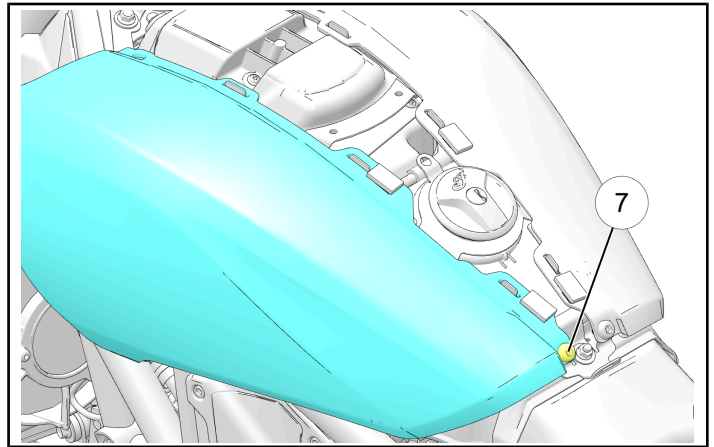
TORQUE

Bodywork Alignment Bracket Fasteners:
36 in-lbs (4 N·m)

2. Install the key lock bezel.



3. Lubricate air box cover grommets. Install air box cover and secure with fastener ⑦.



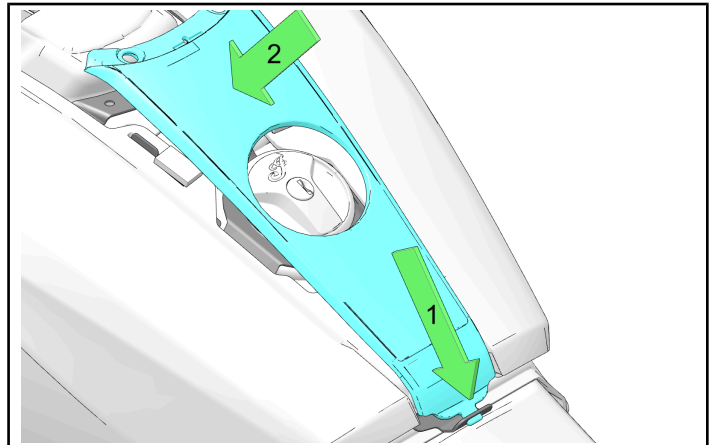
IMPORTANT

Use Soapy Water to help with installation. **DO NOT USE BRAKE CLEANER OR OIL BASED LUBRICANTS**

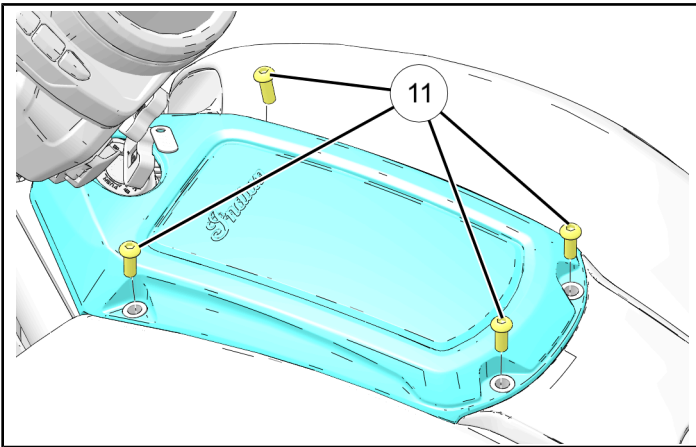
TORQUE

Air Box Cover Fastener:
36 in-lbs (4 N·m)

4. Install fuel tank bezel onto alignment bracket.



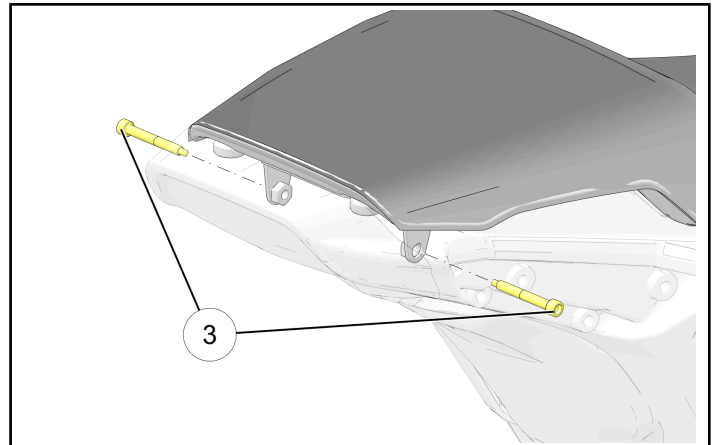
5. Install four fasteners ⑪ securing air box bezel.



TORQUE

Air Box Bezel Fastener:
36 in-lbs (4 N·m)

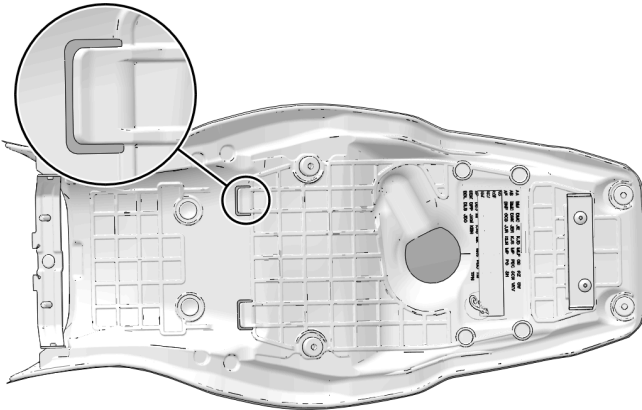
8. Install seat fasteners ③. Torque fasteners to specification.



TORQUE

Seat Fasteners:
88 in-lbs (10 N·m)

6. Identify two tabs located on the underside of the seat.

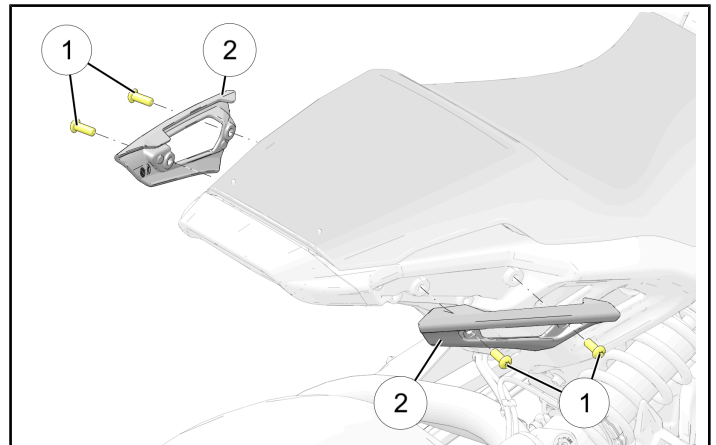


7. Slide the tabs shown above beneath the support bracket and into the front mounting bracket.

NOTICE

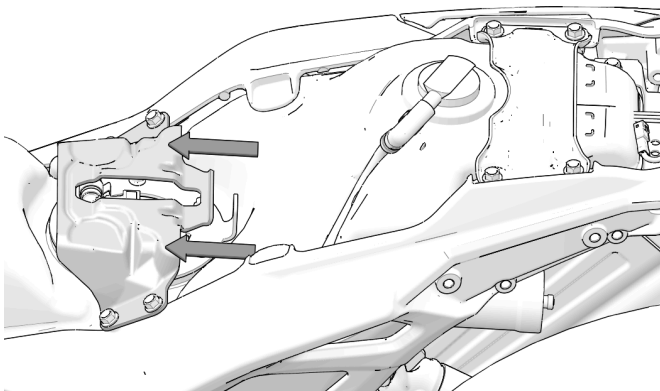
Pull up on the rear of the seat prior to installing fasteners to assure front tab engagement.

9. Install both passenger grab handles ② and grab handle fasteners ①. Torque fasteners to specification.



TORQUE

Passenger Grab Handle Fasteners:
19 ft-lbs (26 N·m)



PRIME THE FUEL SYSTEM

1. Power on the motorcycle, **DO NOT START**, verify the low fuel light comes on, this may take up to 5 minutes.
2. Fill the fuel tank.

IMPORTANT

Make sure the fuel tank is full.

3. Turn Engine Stop switch OFF.
4. Turn the ignition switch to ON.
5. Turn stop switch to RUN.
6. Allow switch to remain in RUN position until pump stops running (about 2-3 seconds).

NOTICE

You should hear the fuel pump running to cycle fuel. If you don't, check the electrical connection to the fuel pump.

7. Turn stop switch OFF.
8. Turn the ignition switch to OFF.
9. *WAIT* approximately 10 seconds.
10. Repeat Steps 4-8 four times to complete the priming procedure.

STOP!

- a. Start the motorcycle.
- b. Verify no fuel leaks are present around the fuel line connectors.
- c. Verify proper fuel level function.
- d. Press the brake to verify the rear tail light is functioning properly.

SUBMITTING A CLAIM

1. Submit a Service Bulletin Warranty Claim for I-24-09-AA.

SUPPLEMENTAL INFORMATION

PARTS RETURN / DESTRUCTION / DISPOSAL INFORMATION

Dispose of parts according to local regulations. Under no circumstances shall the parts removed be re-used, sold, or re-purposed for another application. It is your dealership / distributor's responsibility to make sure every part replaced (related to the communication) is taken out of circulation and disposed of properly.

CUSTOMER NOTIFICATION

Dealers are required to review their sales records and make arrangements with customers for Bulletin completion. In addition to consumer units, dealers are required to correct any affected units in their inventory. Polaris will NOT be mailing a notification letter to consumers affected by this Bulletin.

ADDITIONAL REFERENCE INFORMATION

For additional reference information not included in the document, click [HERE](#).