



SAFETY RECALL

Release Date: July 14, 2023

IND

Communication #: I-23-06

Model Year(s): 2023

— Confidential and Proprietary —

VERSION: R02 (August 23, 2023)

****Converted Dealer Hold IDH-23-02 into Safety Recall****

IMPORTANT STOP SALE SAFETY NOTICE!

Stop selling affected vehicles immediately until the repair procedure has been completed on affected units at your dealership. Federal law prohibits the sale of products subject to a recall. Selling such products could subject the seller to substantial penalties.

IMPORTANT

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

SUBJECT: FUEL LINE REPLACEMENT

REASON FOR THIS RECALL

Indian Motorcycle has determined that some Model Year 2023 Challenger and Pursuit motorcycles have been built with a fuel line improperly assembled by the supplier. This may result in a vehicle stall during operation, which increases the risk of a crash and serious injury. The affected population is less than 30 vehicles.

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

AFFECTED MODELS

MODEL YEAR	MODELS	AFFECTED RANGE
2023	Challenger	Reference Unit Inquiry on the dealer website or the Service Communications list on the STOP site to look up affected units.
	Pursuit	

CUSTOMER NOTIFICATION

Dealers are required to review their sales records and make arrangements with customers for Recall completion. In addition to consumer units, dealers are required to correct any affected units in their inventory. Indian Motorcycle will be mailing a notification letter to consumers affected by this Recall. Indian Motorcycle will also send an email to owners for whom Indian Motorcycle has a valid email address.

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CONTACT POLARIS

If you have questions that are not addressed in this document or in the Safety Recall FAQ, contact Indian Motorcycle Service through Ask Polaris or by phone at 800-330-9407 (US/Canada Dealers Only).

DEALER - WHAT TO DO?

As of July 14, 2023, **YOU MUST NOT SELL OR DELIVER** any **NEW OR USED 2023 Challenger / Pursuit models** affected by this **Stop Sale** until it is repaired according to the **Safety Recall**.

WARRANTY CLAIM INFORMATION

CHALLENGER / PURSUIT FUEL LINE	
Bulletin #	I-23-06
Claim Type	SB (Service Bulletin)
Labor Allowance	0.5 hours (30 minutes)
Part Number / Description	5456343 (QTY 1) Line-Fuel, Restrictor
Parts Availability	Available to order
University of Polaris Video Training Required	Yes ¹

¹Polaris requires one person from a dealership to be certified before parts ordering may occur and two people from a dealership to be certified before warranty claims may be processed.

Training can be located by searching “I-23-06” on the University of Polaris website.

Claim Submission:

- **US / Canada Dealers:** On DEX, go to Service and Warranty > Warranty Claim and Extended Coverage > Start a New Warranty Claim. Select Service Bulletin> Enter the VIN / PIN and Retrieve Registration. Select Indian Motorcycle® I-23-06 and Send Claim.

DECLINED SAFETY RECALL

Polaris provides a claim process that allows dealers to accurately document when a Safety Recall cannot be performed on a vehicle due to modification. Criteria and instructions can be found under Service & Warranty > STOP Site > News, Forms, & Links > Declined Safety Bulletin Tracking.

COVERAGE PERIOD

Coverage will begin on July 14, 2023. This bulletin has no expiration date.

UNIVERSITY OF POLARIS TRAINING REQUIREMENT

Each member of your service department team must complete the training on University of Polaris prior to completing **ANY** work, or submitting **ANY** warranty claim for this Bulletin. You must complete the entire course on University of Polaris in order to get credit.

<http://www.universityofpolaris.com>

PARTS RETURN / DISPOSAL INFORMATION

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 this communication) is taken out of circulation and disposed of properly or returned to Polaris (if required).

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REPAIR AUDIT INFORMATION

IMPORTANT

Several steps of this procedure require an audit by a service manager, owner, or lead technician that completed the bulletin training but did not complete the repair. Please note that there is NOT an associated Dealer Confirmation document that needs to be completed and retained by the dealer.

FEEDBACK FORM

A feedback form has been created for the technician to provide Polaris with an overall satisfaction rating for the instructions, provide comments on your experience or upload pictures/video. The form is viewable on mobile devices by scanning the QR code or on a PC by clicking [HERE](#).

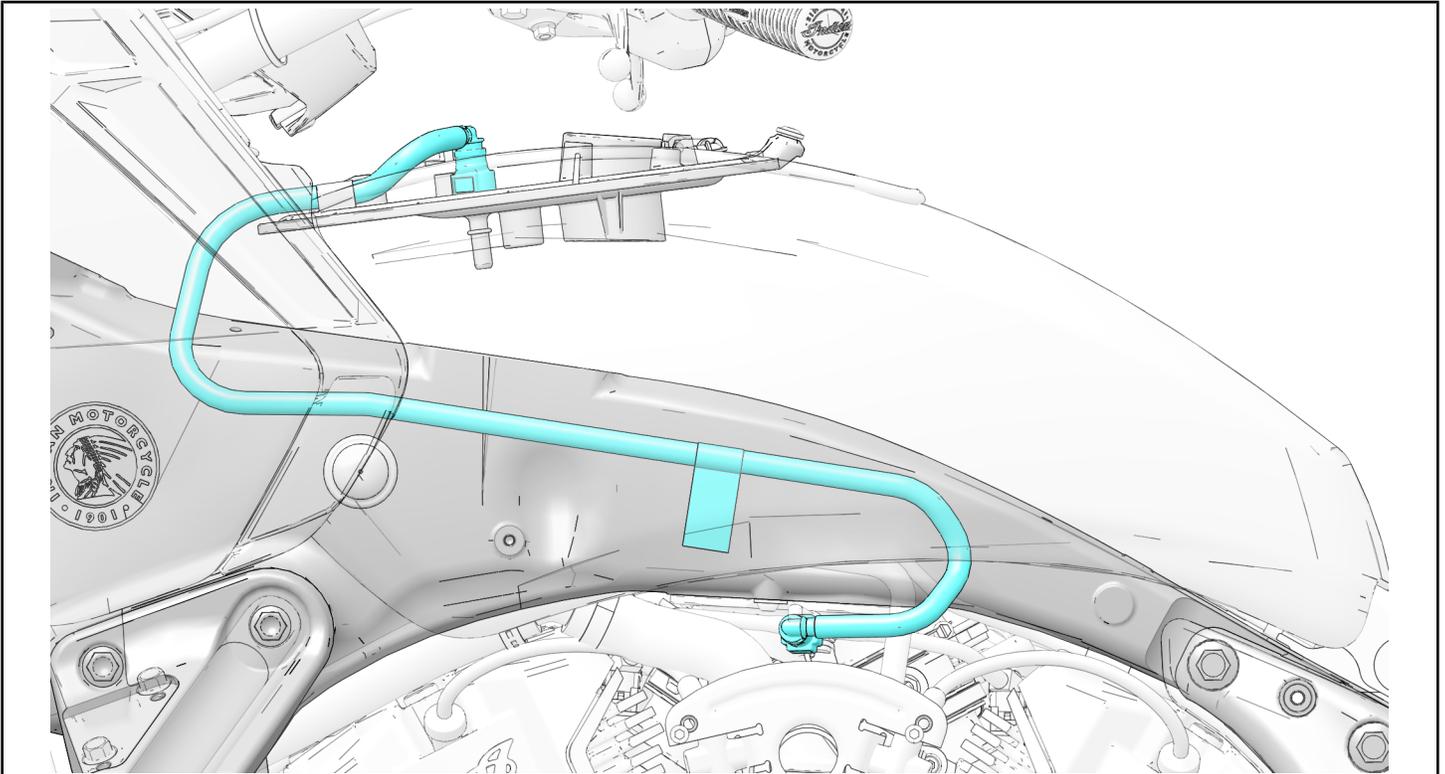


REPAIR OVERVIEW

In this procedure, the fuel line will be replaced.

The following procedure steps are critical to a successful repair:

1. Properly remove and dispose of the old fuel line.
2. Connecting the fuel line to the pump and fuel rail - Secondary audit checks required.
3. Properly route and retain the NEW fuel line.
4. Prime the fuel system and inspect for leaks.



REPAIR PROCEDURE

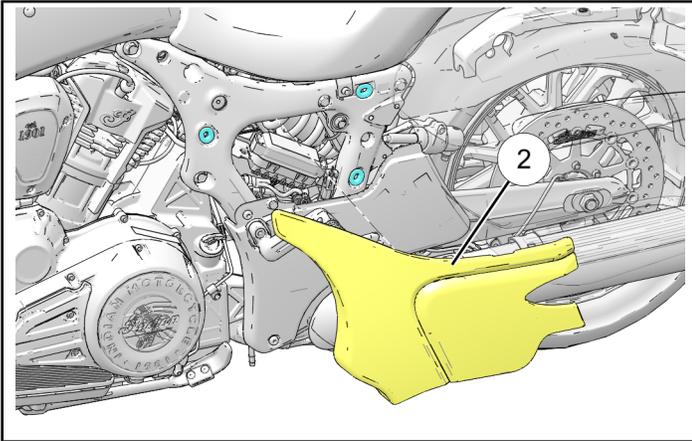
TOOLS REQUIRED

- Socket Set, Metric
 - Allen Socket Size 4, 5, 6 mm
- Torque Wrench
- Absorbent Mats
- Safety Glasses

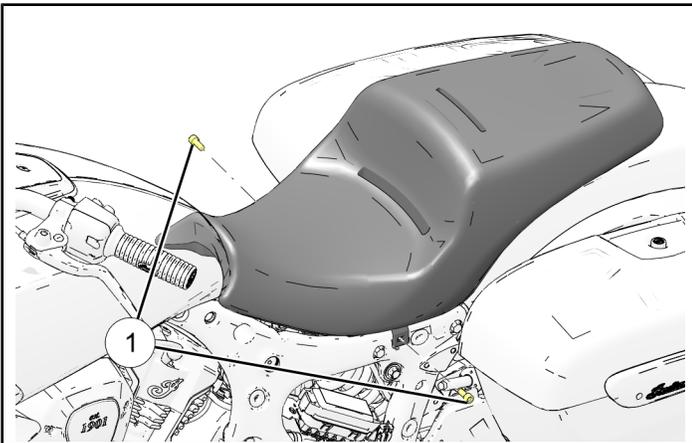
FUEL LINE REPLACEMENT

VEHICLE PREPARATION

1. Park motorcycle on a flat surface, fully extend side stand, and make sure vehicle is stable.
2. Turn the motorcycle OFF.
3. Be prepared to place the fuel tank in a secure location with a drain pan positioned to catch any fuel that may leak or drip from disconnected hoses or fittings.
4. Remove upper side covers ②.



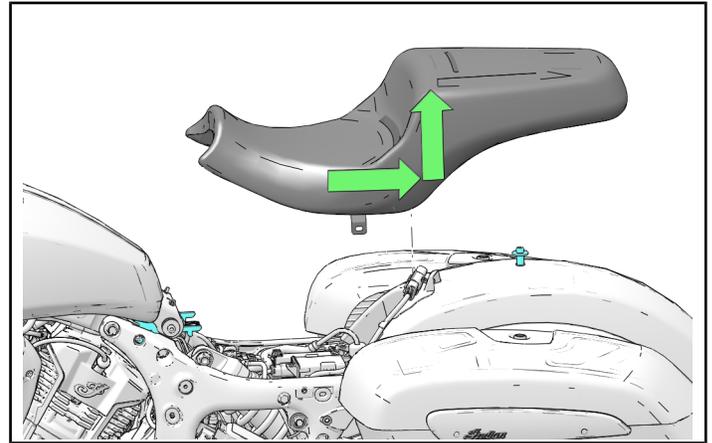
5. If equipped with a trunk, disengage latches and remove
6. Remove seat fasteners ①.



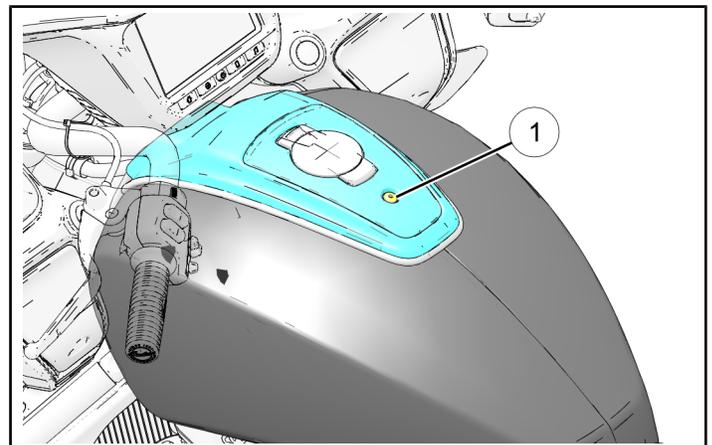
NOTICE

If equipped, disconnect seat electrical connector and/or antenna.

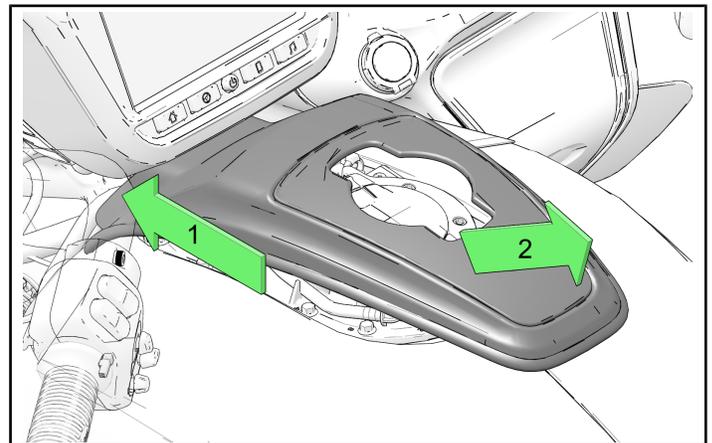
7. Remove the seat backward and up to remove.



8. Remove fuel tank console by removing its fastener ①.



9. Slide console forward to release the console retainer and move rearward to remove from vehicle.



FUEL SYSTEM DEPRESSURIZATION

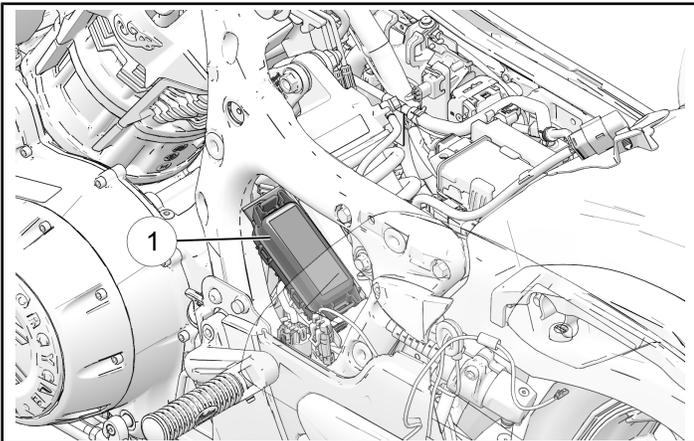
⚠ CAUTION

Fuel lines remain under pressure at all times. Use caution when disconnecting lines for service. Always depressurize the fuel system prior to service.

⚠ WARNING

Allow engine and exhaust to cool completely before disconnecting fuel line or removing tank. Wear eye protection.

1. Locate the fuse box ① and remove its cover.



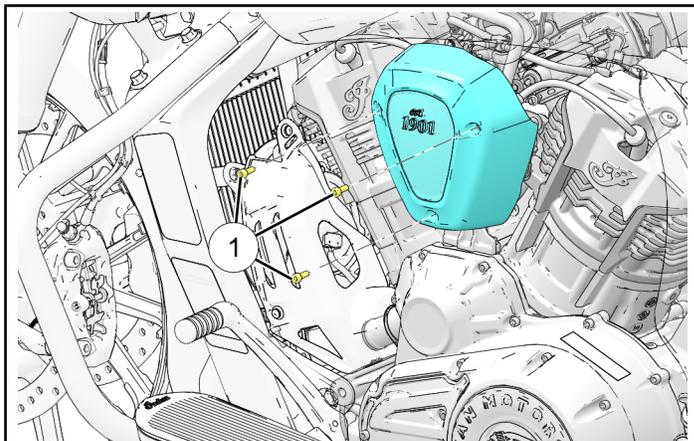
2. Locate the fuel pump relay. Pull the fuel pump relay and crank the engine over for 5 seconds to release fuel pressure.

MAIN ENGINE RELAY 4016819	START RELAY 4016819	25A VCM1 401653 10A SPARE 2434016	FUEL PUMP RELAY 4016819	25A ABS 401653 25A AUDIO1 401653	SWITCHED POWER RELAY 4016819
15A EFI1 2410280	10A EFI2 2434016	10A TENDER 2434016	5A GAUGE 401652	25A SPARE 401653	10A SWITCHED1 2434016
7.5A IGN 4010568 7191485	10A WCM 2434016	25A VCM2 401653	25A VCM3 401653	25A AUDIO2 401653	10A SWITCHED2 2434016

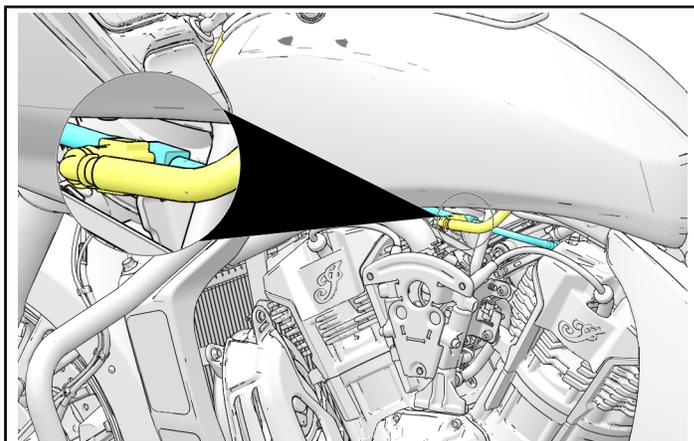


3. With the motorcycle powered off, install the fuel pump relay. Install the fuse box cover.

4. Remove left side v-cover by removing its fasteners ①.



5. Wrap a clean shop towel around fuel line fitting.
6. Disconnect the fuel line from the fuel rail by squeezing both release buttons and gently sliding off the fuel rail.



STOP!

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

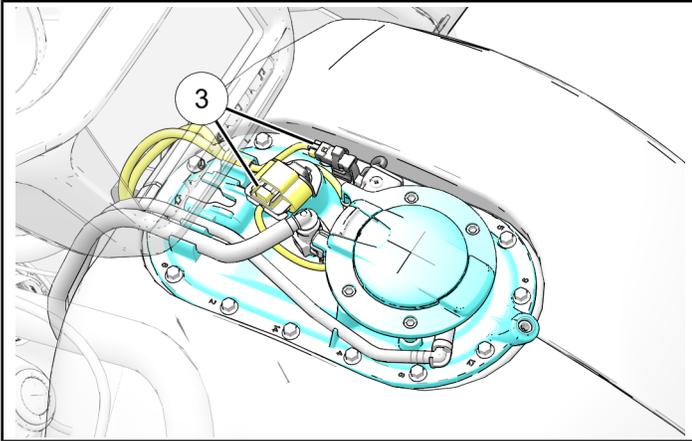
IMPORTANT

Use a shop rag to catch any residual fuel in the system.

7. Cover fuel fittings to keep debris out.

FUEL TANK REMOVAL

1. Disconnect electrical connectors ③.



STOP!

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

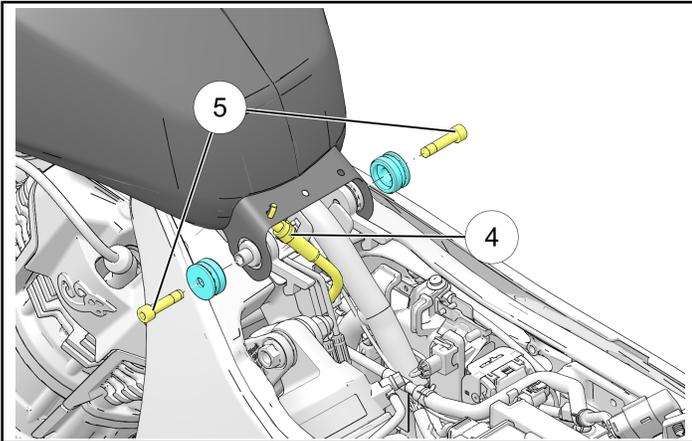
2. Remove the fuel tank fasteners ⑤.

NOTICE

Retain rubber mounting hardware for installation.

3. Disconnect the fuel vent line

- **49 STATE:** Disconnect the fuel vent line ④ from the fuel tank.



CAUTION

Use care not to damage the vent line during removal.

4. Lift the fuel tank upward and pull rearward off the motorcycle and place on a suitable flat, scratch resistant surface to prevent tank damage.

NOTICE

Pay close attention to the fuel line and make sure it doesn't get caught on other components during fuel tank removal.

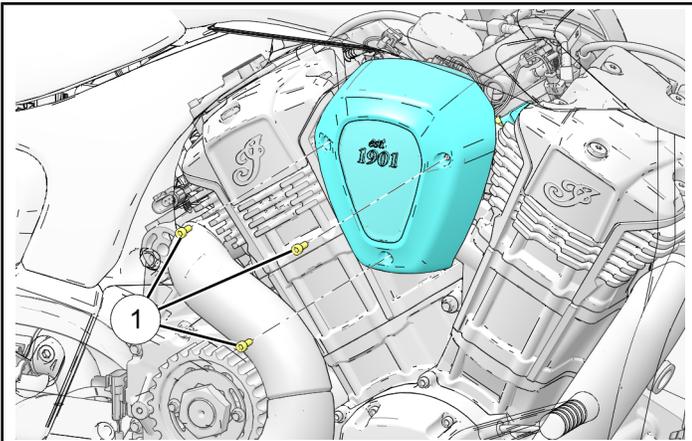
IMPORTANT

Carry the fuel tank flat to avoid any fuel spills.

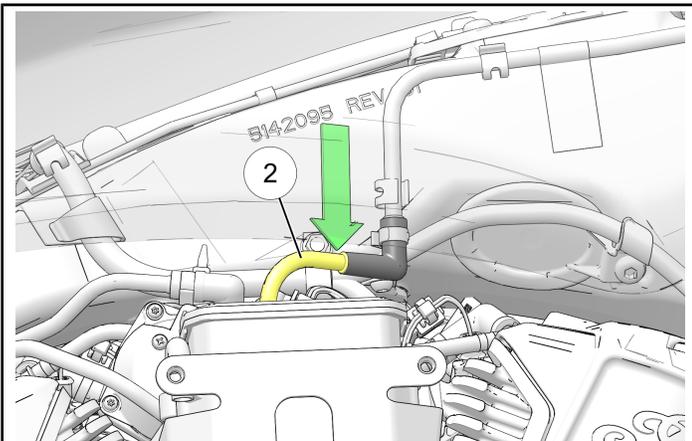
CAUTION

Use care not to damage the vent line during removal.

- **50 STATE:** Remove right side v-cover by removing its fasteners ①.

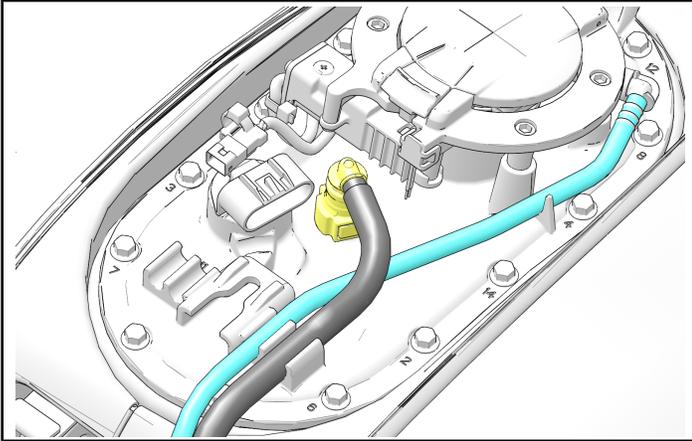


- Disconnect vent lines ② from the elbow.

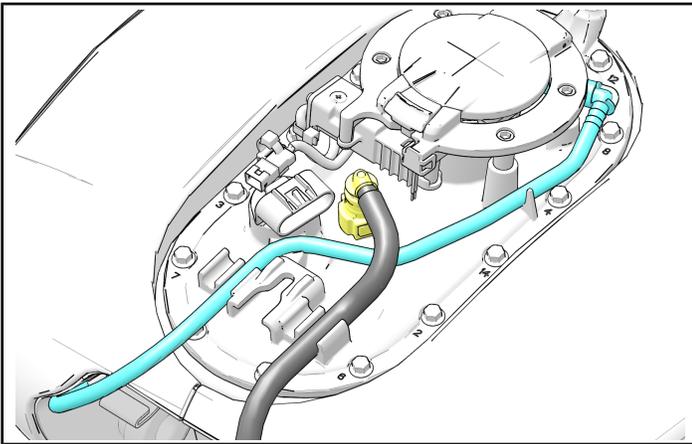


FUEL LINE REMOVAL

1. Disconnect fuel line from fuel pump. Squeeze both release buttons (one on each side of fitting) and hold.
 - 49 STATE



- 50 STATE



STOP!

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

IMPORTANT

Use a shop rag to catch any residual fuel in the system.

2. Discard the fuel line.

STOP!

Dispose of the fuel line according to local fuel disposal regulations.

FUEL LINE INSTALLATION

1. Check the pn label on the new fuel line.

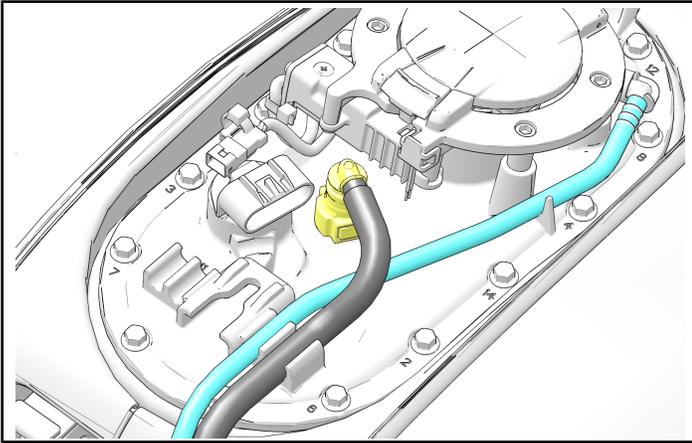


Verify the manufacture date is **NOT** within the range shown below. Fuel lines produced outside of the date range shown can be used for this recall.

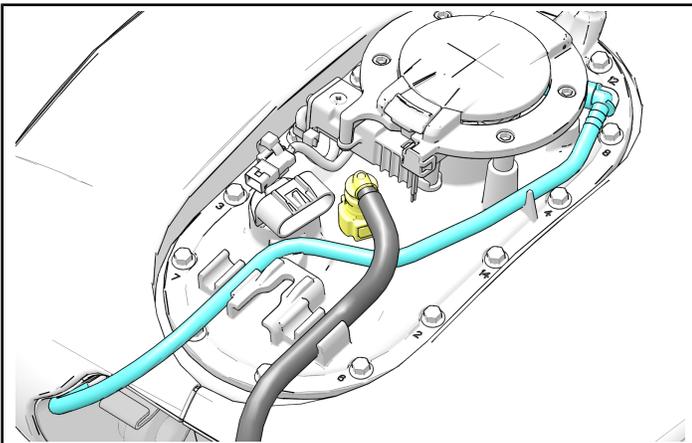
2023.06.06 - 2023.06.12

2. Connect the fuel line to the fuel pump.

• 49 STATE



• 50 STATE



NOTICE

Make sure the fuel line and vent line are routed in the guides as shown.

STOP!

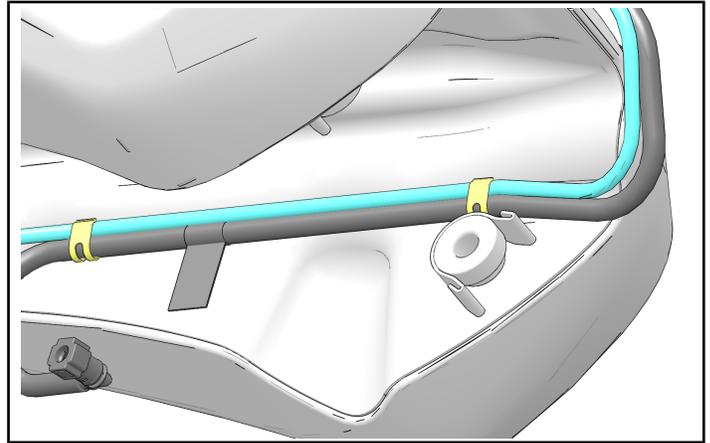
Verify fuel line is properly seated and locked in place by listening for an audible “click” when pressing into place. Pull gently on quick connector to make sure a proper connection has been made.

A second technician must verify the following:

- Fuel line is properly routed, seated onto the fuel pump, and locked in place.
- Fuel line connector is fully engaged.
- Fuel line 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.

3. Route the NEW fuel line to the clip brackets of the fuel tank.



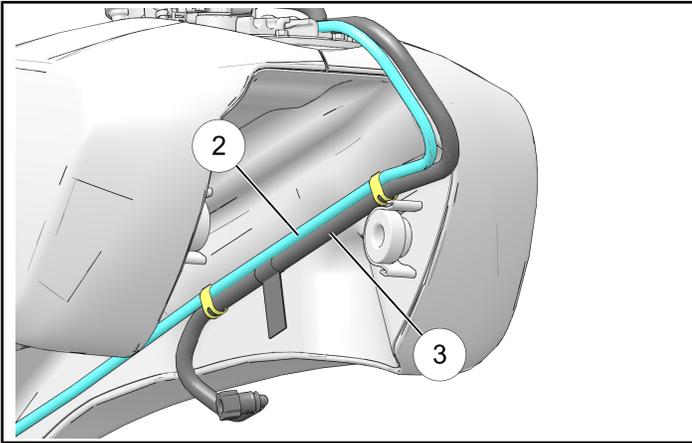
NOTICE

Make sure the fuel and vent line are orientated as shown.

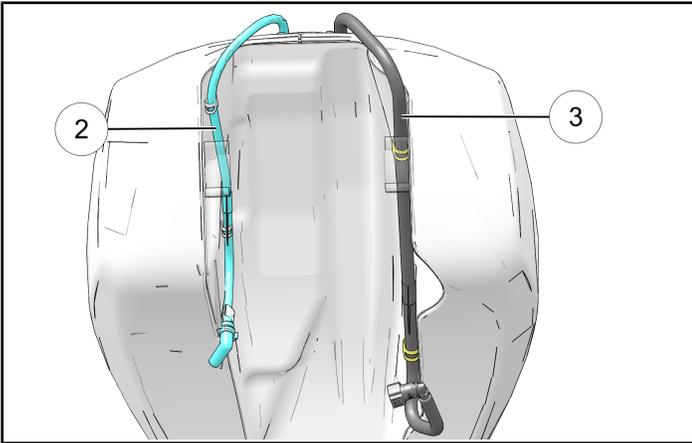
IMPORTANT

Do not place bottom of the fuel tank on a flat surface as damage to the fuel line could occur.

- **49 STATE** The fuel line ③ is routed under the vent line ② as shown.



- **50 STATE** The fuel line ③ is routed independent of the vent line ② as shown.



FUEL TANK INSTALLATION

⚠ CAUTION

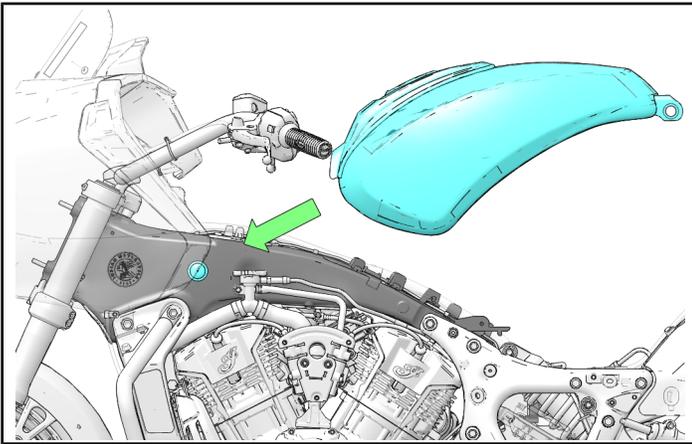
Be careful when performing this procedure to avoid damaging the fuel line, electrical wiring, or vent line.

1. Place a protective cloth on the front of the tank when assembling tank to frame.

NOTICE

Verify that forward tank isolators are in position on the frame mounts and lower tank onto frame.

2. Apply a soapy water solution to the isolators and carefully lower the fuel tank onto the frame.

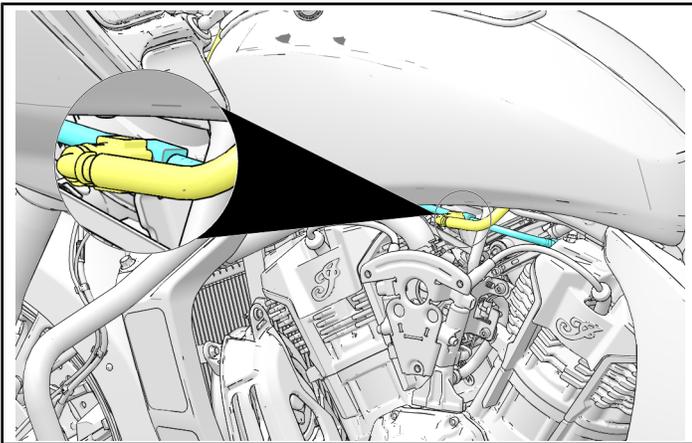


⚠ CAUTION

Use care not to damage the vent line during installation.

3. Slide tank forward until fully seated on forward isolators. Lower the rear of the tank into position over the rear mounting bracket.

4. Connect the NEW fuel line to the fuel rail.



STOP!

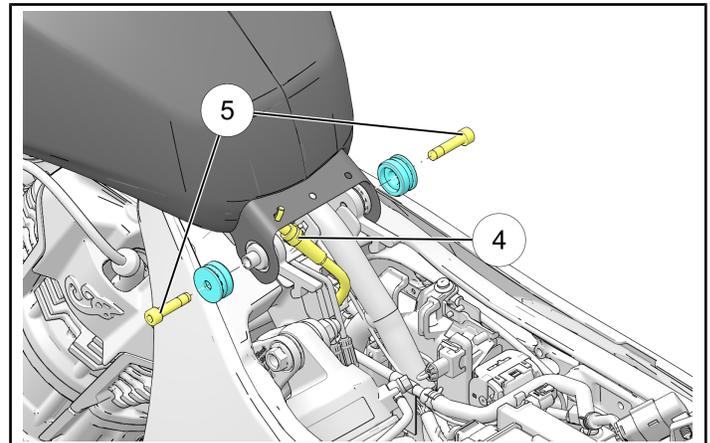
Verify fuel line is properly seated and locked in place by listening for an audible “click” when pressing into place. Pull gently on quick connector to make sure a proper connection has been made.

A second technician must verify the following:

- Fuel line is properly routed, seated onto the fuel rail, and locked in place.
- 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.

5. Install isolators and fuel tank fasteners ⑤.

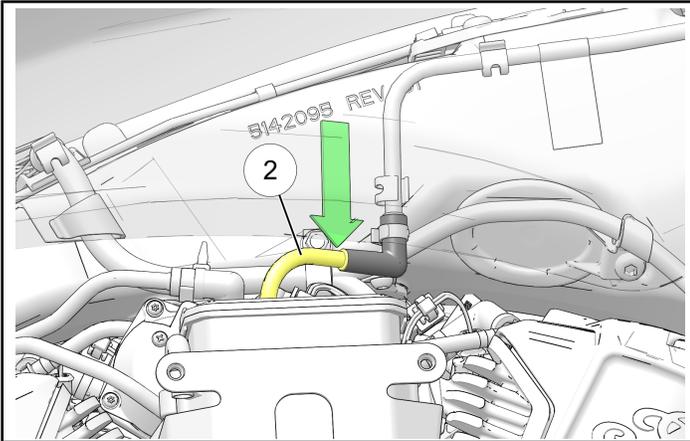


TORQUE

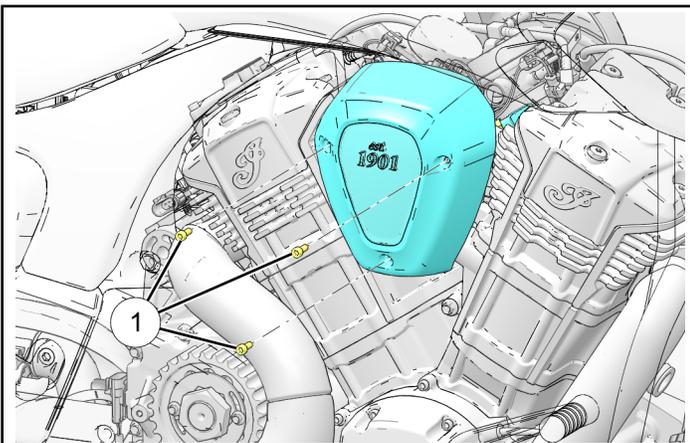
Fuel Tank Mounting Fasteners:
18 ft-lbs (24 N·m)

6. Connect fuel vent line.

- **49 STATE:** Connect the fuel vent line ④ to the fuel tank.
- **50 STATE:**
- Connect vent lines ② to the elbow.



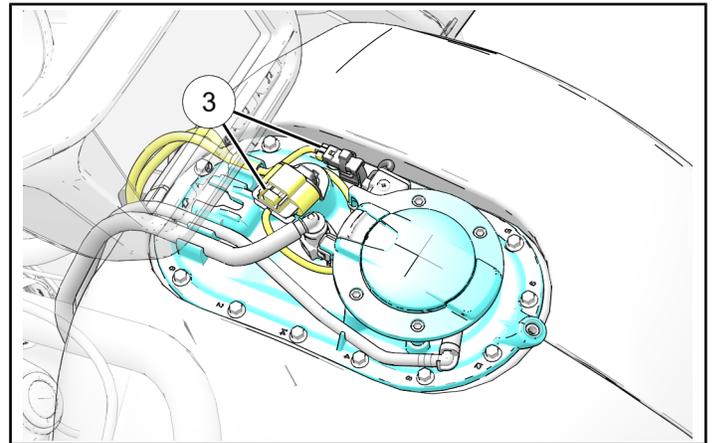
- Install right side v-cover and secure by installing its fasteners ①. Torque to specification.



TORQUE

V-Cover Fasteners:
88 in-lbs (10 N·m)

7. Connect the electrical connectors ③.



STOP!

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

PRIME THE FUEL SYSTEM

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

NOTICE

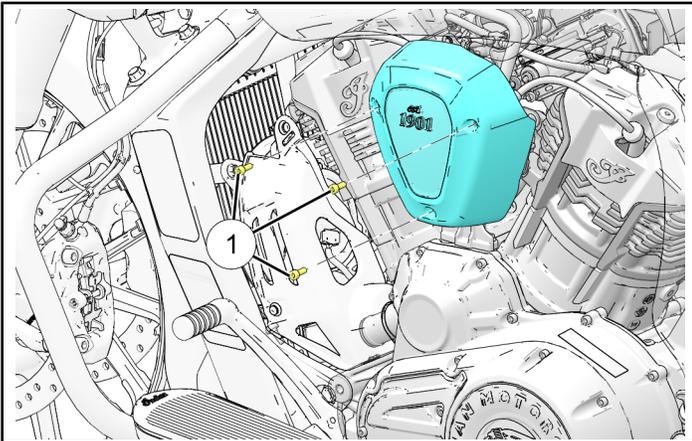
You should hear the fuel pump running to cycle fuel. If you don't, check the electrical connection to the fuel pump.

5. Turn stop switch OFF.
6. Turn the ignition switch to OFF.
7. *WAIT* approximately 10 seconds.
8. 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 indicator function.

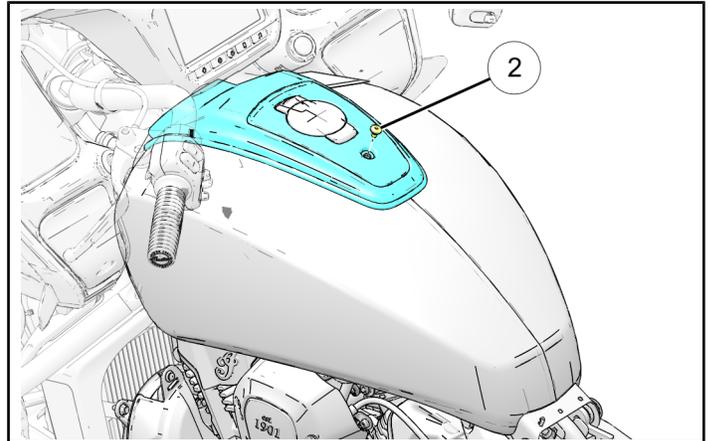
9. Install left side v-cover and secure with its fasteners
①. Torque to specification.



TORQUE

V-Cover Fasteners:
88 in-lbs (10 N·m)

10. Reinstall fuel tank console by engaging the front post into its slot and slide rearward. Retain with its fastener ②. Torque to specification.

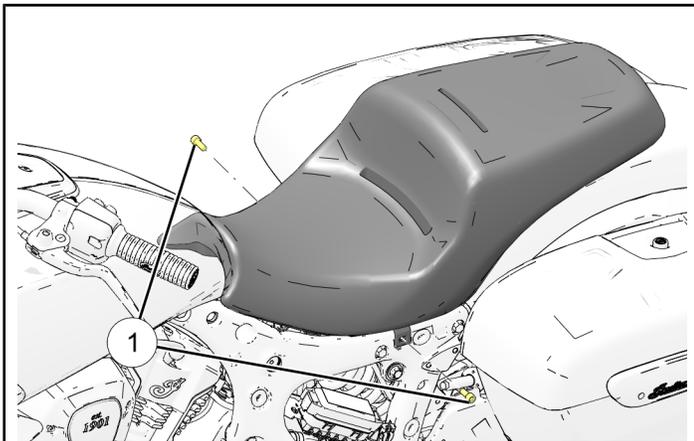


TORQUE

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

SEAT / SIDE COVER INSTALLATION

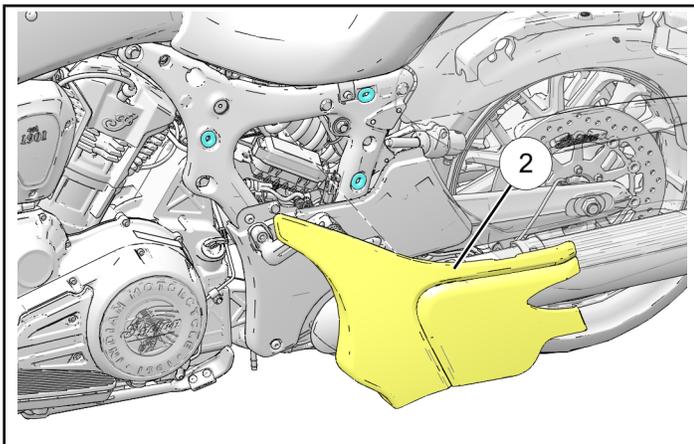
1. Install the seat.
2. Install seat fasteners ①. Torque to specification.



TORQUE

Seat Fastener:
18 ft-lbs (24 N·m)

3. If equipped, connect seat electrical connector and/or antenna.
4. Install upper side covers ②.



5. Submit a Service Bulletin Warranty Claim for Indian Motorcycle® I-23-06.