



# SAFETY BULLETIN

Release Date: June 20, 2018

# IND

Communication #: I-18-07

Model Year(s): 2017-2019

— Confidential and Proprietary —

## VERSION: R02 (February 28, 2019)

*\*\*Additional units added to the affected population, including some 2019 models. Reference Unit Inquiry or the Bulletin lookup tool to ensure all affected units are identified and repaired per this Safety Bulletin.\*\**

### **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 these instructions.

## **SUBJECT: SCOUT BRAKE BLEED**

### **PURPOSE**

Indian Motorcycle has determined that some 2017–2019 Scout / Scout Sixty / Scout Bobber models, equipped with Anti-Lock Brakes (ABS), may experience decreased brake performance resulting from the presence of air in the brake circuit. Affected models may have had a small amount of air present in the system, after time, can potentially cause a soft brake lever / pedal feel and a decrease in brake performance.

To correct this concern, Indian Motorcycle has released this Safety Bulletin instructing dealers to bleed the front and rear brake circuits by following the instructions later in the bulletin.

### **AFFECTED MODELS**

MODEL YEAR	MODELS	VEHICLE IDENTIFICATION NUMBER RANGE
2017—2019	Scout	Reference Unit Inquiry on the dealer website or the Service Bulletin list on the STOP site to lookup affected VINs.
	Scout Sixty	
	Scout Bobber	

### **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 be mailing a notification letter to consumers affected by this Bulletin.

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## WARRANTY CLAIM PARTS INFORMATION

Bulletin/Advisory parts are excluded from the standard RMA policy and cannot be returned. An Initial Recommended Order Quantity has been provided for this bulletin. Use Quantity Ordered to Date and the Open VIN List from the STOP site to determine an order amount that's right for your dealership. For more details, refer to University of Polaris training course "Polaris Item Availability and Daily Ordering" and click on "Bulletin Ordering Training".

2017-2019 SCOUT / SCOUT SIXTY / SCOUT BOBBER BRAKE BLEED	
<b>Bulletin</b>	I-18-07
<b>Claim Type</b>	SB (Service Bulletin)
<b>Labor Allowance</b>	0.5 hours (30 minutes)
<b>Part Number / Description</b>	2880016 DOT 4 Brake Fluid (12 oz)
<b>Parts Availability</b>	Available to order
<b>University of Polaris Video Training Required</b>	Yes <sup>1</sup>

Indian Motorcycle requires one person from a dealership to be certified before parts ordering may occur and one person from a dealership to be certified before warranty claims may be processed.

## ACCESSORY LABOR

Indian Motorcycle will cover labor for the removal and installation of accessories required to complete the bulletin work. Follow the steps below to obtain reimbursement.

### For accessory removal and installation up to 30 minutes of labor:

Enter the actual labor time for the removal and installation into the Accessory R&R Min Field on the bulletin claim.

### For accessory removal and installation over 30 minutes of labor:

1. Start a new Ask Polaris Case, Service &Warranty Question > Authorization: Non-Cosmetic& Polaris ESC or Authorization: Out of Warranty.
2. Enter your contact information and VIN, along with miles and hours into the applicable fields.
3. Enter Indian Motorcycle® I-18-07 in the CONCERN and CAUSE fields. In the CORRECTION field, enter "ACCESSORY REMOVAL AND INSTALLATION".
4. Enter warranty fail codes 124/191/150.
5. Add part 0000541, quantity 1.
6. Attach photos of the vehicle and accessories sufficient to support the labor time requested.
7. Submit the case to Polaris.

## BULLETIN CONTACT LIST & SCHEDULING TOOL

A scheduling tool is available for dealers to keep a record of customers contacted and scheduled for this bulletin. This optional tool provides visibility for your dealership and will be helpful to track the status of scheduled service. For more information, log in to <http://www.universityofpolaris.com>.

## COVERAGE PERIOD

Coverage will begin on June 20 2018. 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.

[www.universityofpolaris.com](http://www.universityofpolaris.com)

## 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. This feedback form is viewable on a mobile device by scanning the QR code or by clicking here if viewing this document electronically.



## REPAIR PROCEDURE:

### TOOLS REQUIRED

- 8mm Wrench
- 8mm Allen Wrench
- Torque Wrench
- Phillips Screwdriver
- Brake Handle Pressure Tester **PV-50104**
- Commercially available vacuum bleeder
- Commercially available scale (minimum capacity of 50 lbs)

## I-18-07: BRAKE BLEED PROCEDURE

### **⚠ DANGER**

Brake fluid is poisonous. Keep brake fluid tightly sealed and out of reach of children.

### **⚠ WARNING**

Brake fluid and some types of brake cleaners will damage paint, plastics, and some rubber compounds. Cover or remove plastic and painted parts before working on the brake system. If brake fluid is spilled on cosmetic surfaces, immediately rinse the area with a mild solution of soap and water until all traces of brake fluid are removed. Make sure the master cylinder reservoir being worked on is level and clean before removing the cap.

### **⚠ WARNING**

The brake system uses glycol-based fluid (DOT 4). Do not use or mix with different types of fluid such as silicone-based (DOT 5) or any petroleum-based fluid.

### **⚠ WARNING**

Do not use brake fluid taken from old, used or unsealed containers. Never reuse brake fluid. Brake fluid can accumulate moisture, reducing its performance.

### **⚠ WARNING**

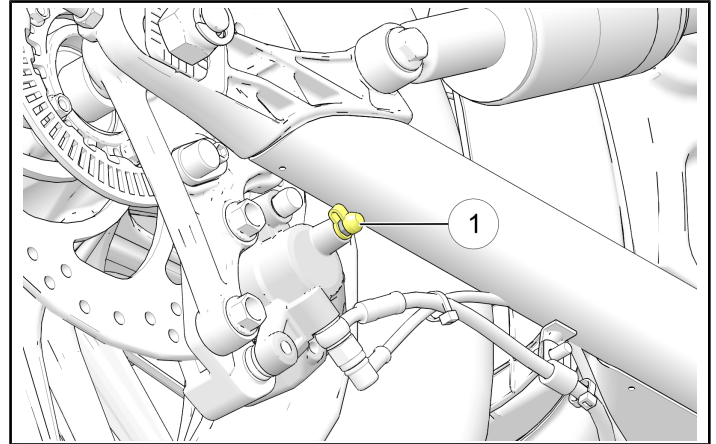
A soft, spongy feeling in the brake lever and/or brake pedal could indicate a hazardous condition in the brake system. Do not operate the motorcycle until the failure in the brake system is corrected.

### **IMPORTANT**

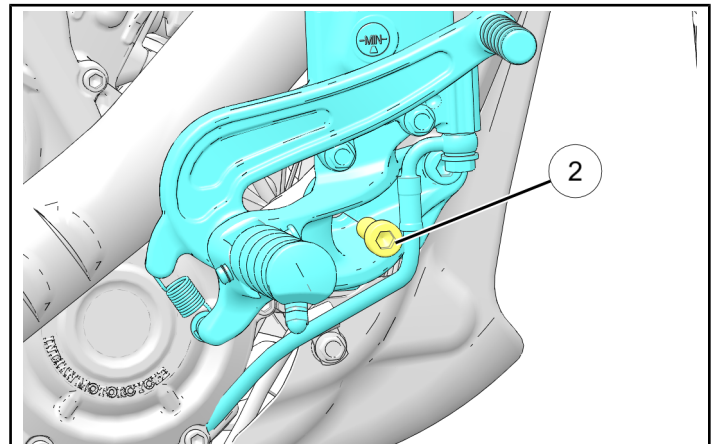
Park motorcycle on a lift table with the wheel clamped in wheel vice prior to procedure.

## ABS REAR BRAKE BLEEDING

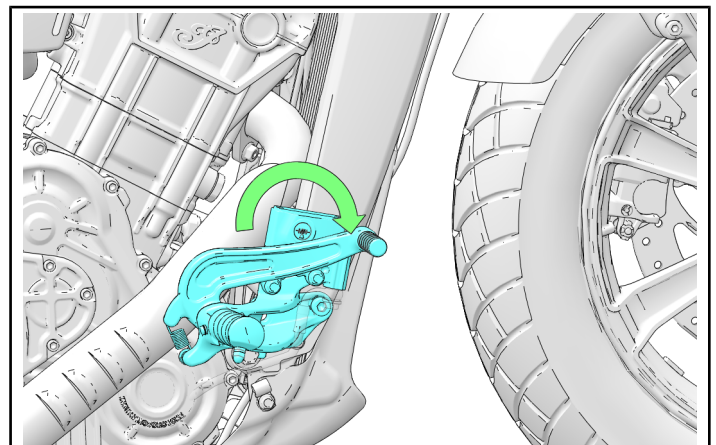
1. Remove rubber cap from rear caliper bleed screw ① and place 8mm box end wrench on the screw.



2. Loosen the rear foot control fastener so the foot control can be rotated.



3. Rotate the foot control toward the front of the unit roughly twenty degrees to aid in removing any possible trapped air within the circuit.



4. Clean and remove reservoir cap on the master cylinder.

5. Fill rear brake fluid reservoir and leave cover off so fluid can be added as it is drawn through the system.
6. Attach a tight-fitting clear hose from the vacuum bleeder to the bleed screw and apply vacuum.
7. Open bleed screw about 1/4 turn.
8. Vacuum bleed approximately four reservoirs worth of fluid through the system.

### IMPORTANT

Vacuum bleed until the level in the reservoir has been lowered to the LOW level then refill reservoir.

### ⚠ WARNING

Do not allow reservoir level to fall below the LOW level or complete system bleeding will be required.

9. Close bleeder screw and fill the brake fluid reservoir appropriately per the level indications on the sight glass.
10. Torque bleed screw to specification and install the rubber cap.

### TORQUE

Caliper Bleeder Screw:  
**60 in-lbs (6.8 Nm)**

11. Clean the reservoir cover, diaphragm, and reservoir sealing surface. If diaphragm is extended, return it to normal (flat) position. Install diaphragm and cover.

### TORQUE

Master Cylinder Cover Fasteners (Rear):  
**13 in-lbs (1.5 Nm)**

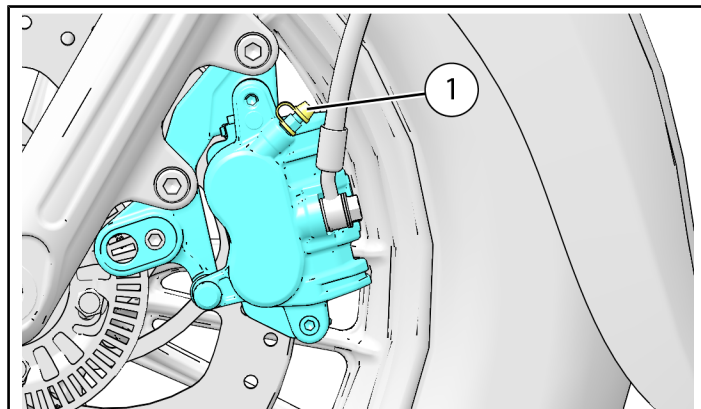
12. If pedal is not firm, repeat bleeding procedure and inspect brake system.
13. If unable to obtain a firm pedal feel after brake system bleeding, contact Technical Service at **1-800-330-9407**
14. Reinstall right hand foot support fastener and torque to specification.

### TORQUE

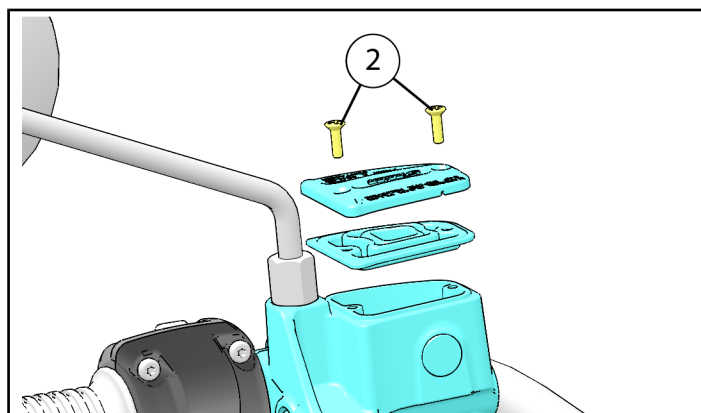
Foot Support Fastener:  
**35 ft-lbs (47 Nm)**

## ABS FRONT BRAKE BLEEDING

1. Remove rubber cap from bleeder screw ① on front caliper and place 8mm box end wrench on the screw.



2. Clean and remove reservoir cap on the master cylinder ②.



3. Fill front brake fluid reservoir and leave cover off so fluid can be added as it is drawn through the system.
4. Attach tight fitting clear hose from vacuum bleeder to bleed screw and apply vacuum.
5. Open bleed screw about 1/4 turn.
6. Vacuum bleed approximately four reservoirs worth of fluid through the system.

### IMPORTANT

Vacuum bleed until the level in the reservoir has been lowered to the LOW level then refill reservoir.

### ⚠ WARNING

Do not allow reservoir level to fall below the LOW level or complete system bleeding will be required.

7. Close bleeder screw and fill the brake fluid reservoir appropriately per the level indications on the sight glass.

- Torque bleed screw to specification and install the rubber cap.

### TORQUE

Caliper Bleeder Screw:  
**60 in-lbs (6.8 Nm)**

- Clean the reservoir cover, diaphragm, and reservoir sealing surface. If diaphragm is extended, return it to normal (flat) position. Install diaphragm and cover.

### TORQUE

Master Cylinder Cover Fasteners (Front):  
**13 in-lbs (1.5 Nm)**

- If lever is not firm, repeat bleeding procedure and inspect brake system.
- If lever is not firm after inspection and brake bleeding, contact Technical Service at **1-800-330-9407**.

## BRAKE LEVER RESERVE INSPECTION

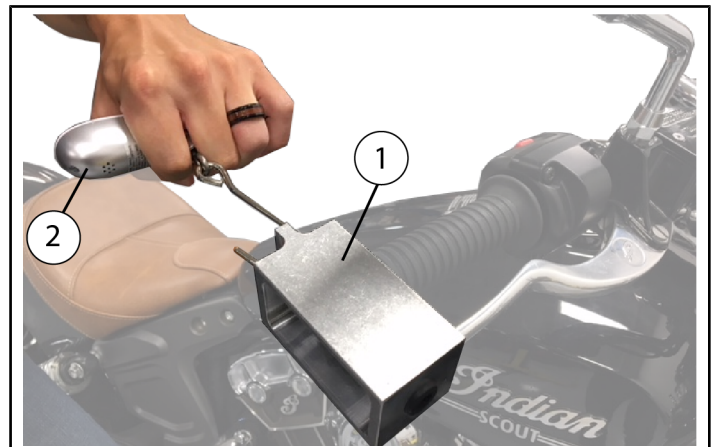
### NOTICE

Indian Motorcycle has approved two methods to ensure the front brake circuit has been properly bled. Either Method is acceptable.

- While seated on the stationary motorcycle, pull the front brake lever with equivalent force necessary to activate the ABS or bring the motorcycle to an abrupt stop (~ 40 lbs. pull force). The brake lever should not contact the grip.

**OR, if PV-50104 is available**

- Place grommet of brake handle pressure tester **PV-50104** ① on ball end of front brake lever.
- Connect a scale (commercially available) ② with a minimum of 25 kg / 50 lb capacity to end of tool.



- Keep tool centered so it does not touch hand grip. Pull on scale connected to tool eyelet.

**Brake Lever Reserve Force: 40 lbs (18 kg)**

- Have an assistant verify brake lever *does not* contact hand grip. Clearance must exist at specified reserve force.
- If the minimum brake lever reserve force is not met before the lever makes contact with the hand grip, the brake system will need to be re-bled.
- If the minimum force is unable to be met after the system is inspected and re-bled, contact Technical Service at **1-800-330-9407**.
- Test ride the motorcycle to verify proper brake operation and pedal / lever feel.
- File Bulletin I-18-07.