

REAR WHEEL KIT



P/N 2882760

APPLICATION

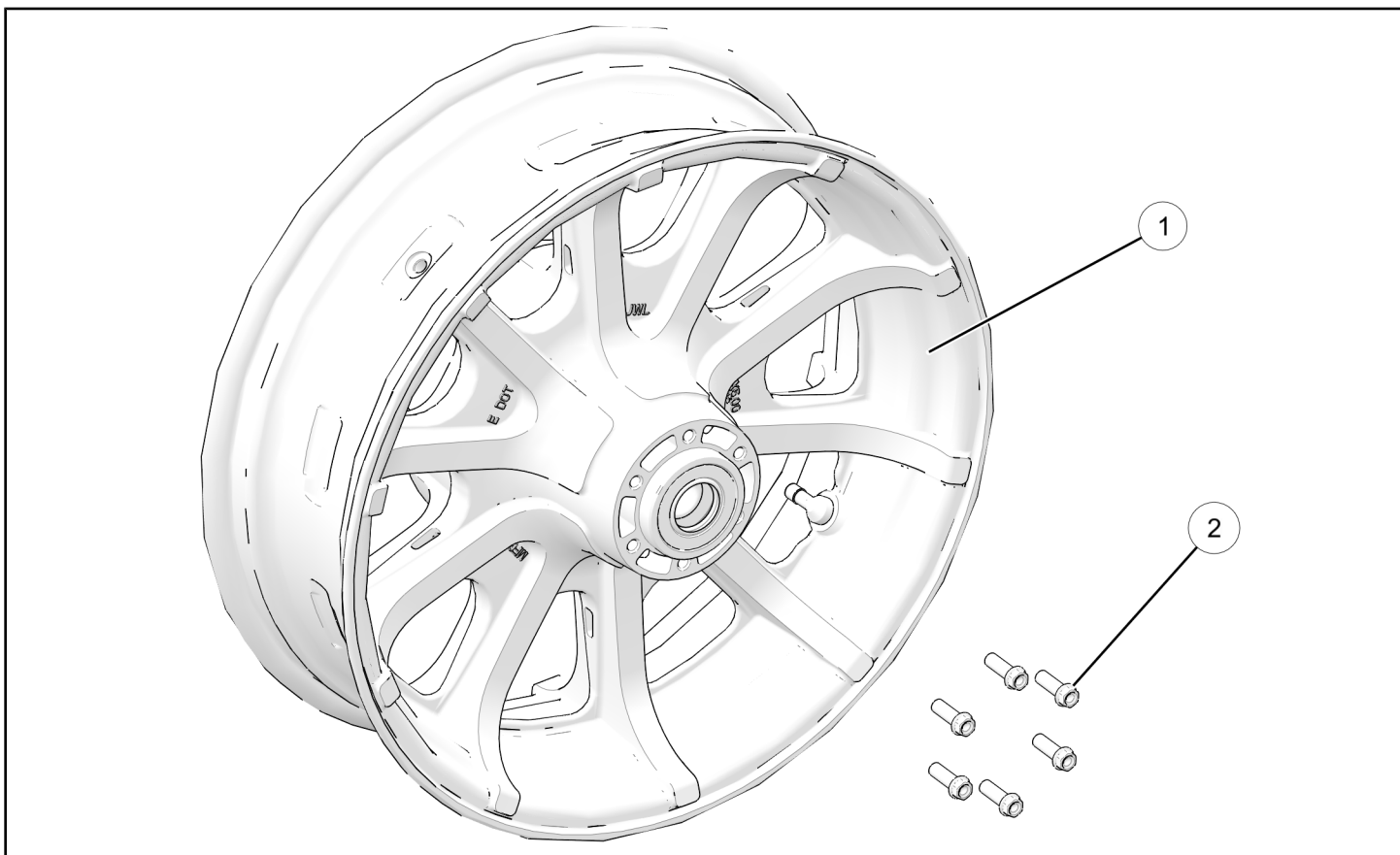
Indian® Springfield™, Indian® Chieftain®, Indian® Roadmaster® Classic, Indian® Roadmaster®

BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

KIT CONTENTS

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1	1	Wheel, Rear, 16 X 5.0, Cast	-
2	6	Screw, Hex Flange Head, M8 X 25, Rotor Bolt	7518661
	1	Instructions	9927924

TOOLS REQUIRED

- Safety Glasses
- Platform Jack, Motorcycle
- Socket Set, Hex Bit, Metric
- Socket Set, Metric
- Torque Wrench
- Belt Tension Gauge
- Tire Changing and Balancing Equipment
- Appropriate Service Manual

IMPORTANT

Your Indian Rear Wheel Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

ASSEMBLY TIME

Approximately 80 minutes

INSTALLATION INSTRUCTIONS

NOTE

Due to the technical nature of this kit, Polaris insists that this installation be performed by a certified Indian Motorcycle Technician.

⚠ WARNING

Rear wheel removal involves supporting machine with rear end elevated. Take precautions to ensure motorcycle is securely supported when rear tire is off the ground. Severe personal injury or death can occur if motorcycle tips or falls.

⚠ WARNING

Ensure exhaust system has cooled to room temperature before elevating motorcycle.

⚠ WARNING

If working on a motorcycle with a charcoal canister (EVAP), remove canister prior to elevating rear of motorcycle to prevent damage to canister hose fittings.

⚠ WARNING

FOR REPAIRED TIRES: Speed should not exceed **50 MPH** for first 24 hours after repair and repaired tire should never be used over **80 MPH**.
Inspect inflation pressure after tire cools for at least three hours following “run-in”.

FOR NEW TIRES:: Replacement of OEM tires or replacement with differently constructed tires may produce different handling characteristics than original tires. When new tires are installed they should not be subjected to maximum power or hard cornering until a reasonable “scrub” period of approximately 100 miles has been covered. This will permit rider to become accustomed to “feel” of new tires or tire combination, and achieve optimum road grip. Inspect and adjust tire inflation pressure after tire cools down for at least three hours following “run-in”.

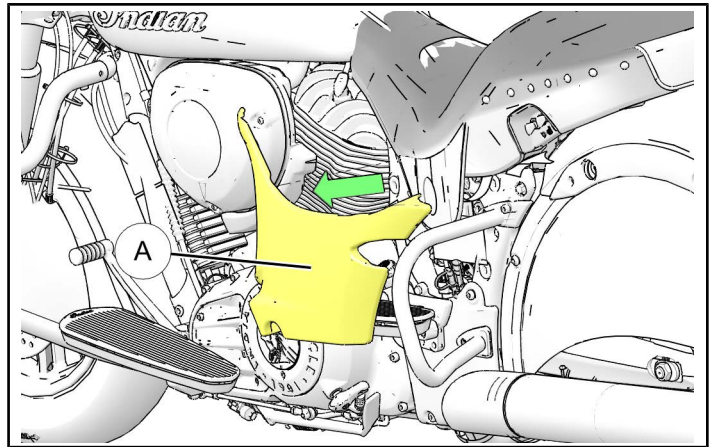
REMOVAL

1. Turn ignition switch to “STOP” position and remove key fob from vehicle proximity.
2. Ensure motorcycle is parked on a flat surface, kickstand is fully extended, and vehicle is stable and secure prior to installation.

CAUTION

Use care not to scratch or damage painted surfaces when removing parts.

3. Remove trunk and saddlebags (if equipped) as per Owner’s Manual.
4. Remove left side panel **A** by firmly pulling corners of upper cover outward to disengage each tab from grommet in frame.



5. Elevate rear of motorcycle and remove rear wheel assembly as per Indian Service Manual. Safely hang rear caliper.

CAUTION

Do not hang rear brake caliper from brake line.
Do not twist brake line or damage may result.

NOTE

Do not apply rear brake pedal after brake caliper has been removed.

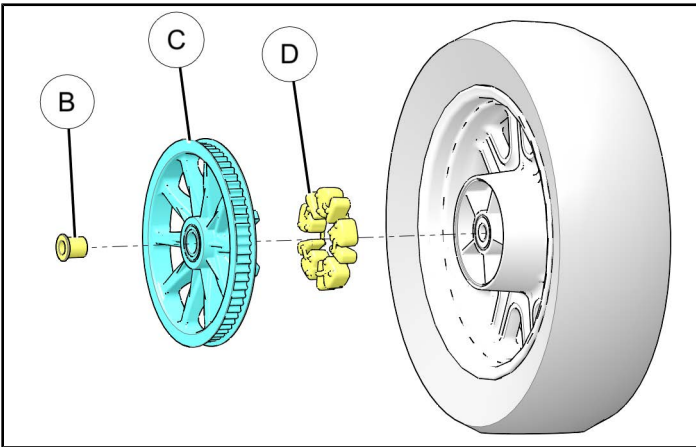
CAUTION

Protect brake disc surface while working on wheel.

- Remove outer spacer (B) from driven sprocket (C). Lift driven sprocket assembly (C) off drive damper (D). Carefully remove rubber cushion drive damper (D) from wheel. Retain parts for reassembly.

IMPORTANT

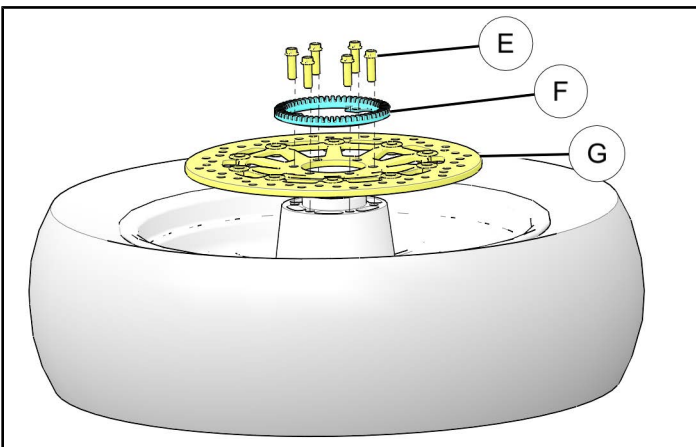
Be careful not to damage rubber elements. Visually inspect cushion drive damper for cracks or deformation. Replace damper if damage is found.



NOTE

If drive system has been in service for 5000 miles or more and any one item is damaged or worn beyond a normal polished appearance, replace both front and rear sprockets along with belt.

- Position wheel with brake disc facing up. Remove six rear brake disc screws (E) and discard. Remove ABS tone ring (F) (if equipped) and brake disc (G). Inspect parts for damage and wear. Retain brake disc (G) and ABS tone ring (F) for reassembly.



- Using a pneumatic, electric, or manually operated rim-clamp type tire machine, separate rear tire from wheel and inspect rear tire if it is to be reused on new wheel. If not, recycle used tire.

INSTALLATION

NOTE

Inspect all reused parts for wear or damage before installing and replace if needed. Detailed instructions for inspection are found in appropriate Indian Service Manual.

- Using a pneumatic, electric, or manually operated rim-clamp type tire machine, mount rear tire on new wheel. Balance tire using proper tire balancing equipment.

NOTE

If tire is directional, ensure rotation is clockwise on right side (brake rotor side) of wheel.

NOTE

If TPMS is installed TPMS sensor will need to be swapped to new wheel. Refer to Indian Service Manual for instructions.

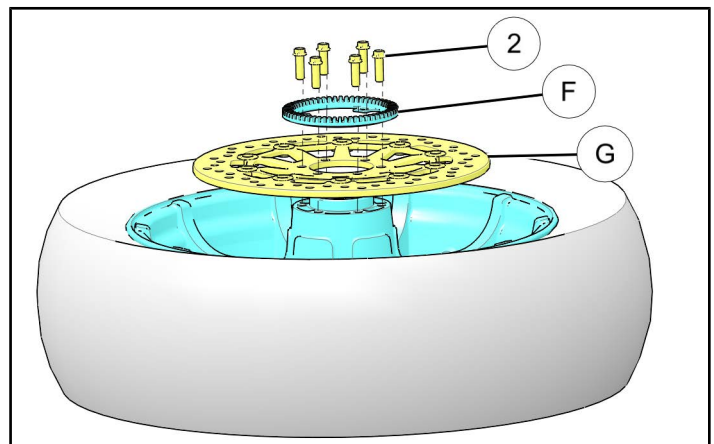
TORQUE

TPMS Sensor Fastener: 44 in. lbs (5 Nm)

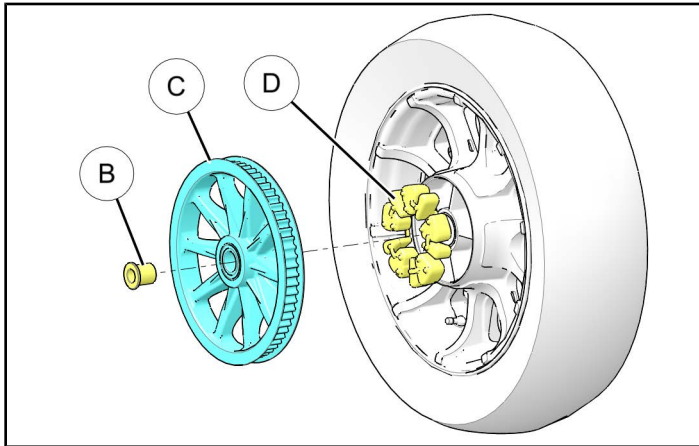
- Assemble rear brake disc (G) to new wheel ensuring rotation arrows are noted and followed. Assemble ABS tone ring (F) (if equipped) to rotor, and install six new screws (2). Torque screws to specification in a star pattern.

TORQUE

22 ft. lbs. (30 Nm)



3. Install rubber cushion drive damper ④ into wheel hub. Ensure raised part number is facing inward. Install driven sprocket ③ onto wheel and outer spacer ② into driven sprocket ③.



4. Install rear wheel assembly and reassemble as per Indian Service Manual.
a. Torque all installed and reinstalled fasteners to specification.

TORQUE

Axle Nut:

Step 1: 15 ft. lbs. (20 Nm)

Step 2: 65 ft. lbs. (88 Nm)

Wheel Speed Sensor Bolt: 96 in. lbs. (11 Nm)

Rear Caliper Mounting Bolts: 31 ft. lbs. (42 Nm)

- b. Set drive belt tension and alignment as per Indian Service Manual.
c. Check air gap of wheel speed sensor as per Indian Service Manual (if equipped).
d. Check for proper brake function before test riding motorcycle.

FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR code or by clicking [HERE](#) if viewing on a PC.

FEEDBACK FORM

