

**ALL INSTRUCTIONS CAN BE FOUND ON OUR WEBSITE UNDER "DEALER INFORMATION"**



## **Building Pipes and Accessories for your Bikes**

### **IN-668/IN-668B "BRAVE" FULL EXHAUST FOR INDIAN SCOUT 60 & INDIAN SCOUT 2015-UP**

Thank you for purchasing this RPW USA product. We believe that our products are the very best available and are engineered to provide a lifetime of use. The RPW BRAVE pipe can be installed on Indian Scout & Indian Scout 60 models from 2015 and up for a true custom touch. Basic hand tools and a service manual applicable to your model of motorcycle are all that is necessary to complete the installation.

#### **BILL OF MATERIALS**

<b>Quantity</b>	<b>Description</b>
1	Front short pipe
1	Rear & front header pipe
1	Rear & front heat shield
1	Front short pipe heat shield
1	Muffler
1	Collector heat shield
1	Mounting bracket
1	Baffle
1	End Cap
1	T-bolt clamp (small) – for short end of header
1	T-bolt clamp, (large) – for muffler
6	Hose clamp (small) – for header heat shields
1	Hose clamp, (large) – for collector heat shield
2	5/16 304 flat washer (for muffler bracket)
2	5/16 304 lock washer (for muffler bracket)
1	5/16" – 18 x 3/4" cap screw (for muffler bracket)
1	5/16" – 18 x 1/2" cap screw (for endcap)
1	Muffler bracket insert
2	63-692 reducer ( <i>if not using a fuel controller</i> )

#### **IMPORTANT - PLEASE READ CAREFULLY**

***We recommend that this part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle and exhaust system are completely cool before starting the installation. Also, make sure the bike is secure on a center stand or ideally a service lift during installation. Be sure to save all stock components for possible use later.***



IN-601

## INDIAN BRAVE PIPE FOR INDIAN SCOUT MODELS 2015 - PRESENT

Begin by removing the existing pipes from the motorcycle, then **inspect the exhaust gaskets**. If they are worn or deteriorated, fit the engine with a new set. Keep head clamp nuts you will be using these.



If not using a fuel controller, install O2 sensor reducer plugs to head pipes. Make sure they are screwed in snug.

**MUFFLER BRACKET.** Install muffler bracket using OEM bracket bolts. Make sure bolts are screwed in snug.

Fit and clamp short header heat shield onto short header pipe. Do not tighten heat shield completely, leave loose so you can fit and align properly. Make sure the nut of the headshield clamp is positioned behind and at the top inside.



**INSTALLING FRONT SHORT HEAD PIPE.** Begin by inserting and fitting O2 sensor into O2 sensor port on pipe and tighten into place.

Fit short front head pipe with heat shield on it into front header port slipping head clamp over screws. Finger tighten nuts. Note: It is easier to install lower head clamp nut from left side of bike.



After short header pipe is installed, slip small T-bolt clamp onto front of short section of the large head pipe. Make sure t-bolt clamp nut is positioned on the bottom of the pipe facing out so you can access and tighten later. Align T-bolt clamp with end of pipe & slip large front header pipe with T-bolt clamp onto small header pipe. Do not tighten T-bolt clamp at this time

**LARGE HEADER PIPE.** Holding large head pipe close to bike, insert and fit the rear O2 sensor into rear O2 sensor port and tighten. Be sure not to pull pipe away from bike as it may compromise your O2 sensor.



Carefully slip rear pipe into rear header port and placing slots of head clamp over screws and finger tighten nuts  
(If you are having difficulty getting nuts into rear port, use a magnetic extension rod to put nuts on)

Once rear head pipe is in position, return to front header, snugging up large front head pipe to small front header pipe. Make sure to align T-bolt clamp with end of front header pipe & begin to tighten T-bolt clamp using an 11mm wrench.

Using a 13mm socket tighten upper & lower nuts on front header. Return to T-bolt clamp making sure it is up on short header pipe and continue to tighten with 11mm wrench.

Return to rear header pipe clamp and finish tightening using a 13mm socket



## IN-601 INDIAN BRAVE PIPE FOR INDIAN SCOUT MODELS 2015 - PRESENT



INSTALLING MUFFLER. (Your baffle and endcap have been installed) Slide large T-bolt clamp onto rear muffler. Position T-bolt bolt at bottom of muffler facing out. Slide muffler up onto head pipe as far as you can with muffler bracket at bottom of muffler. You may want to use a rubber mallet to seat muffler all the way onto the collector.



Align bracket with muffler. Slide in muffler bracket insert into back of muffler and attach muffler to mounting bracket using 5/16" x 3/4 cap screws with flat and lock washers, tighten bracket to muffler and then tighten your muffler T-bolt clamp onto header pipe making sure edges are aligned with front end of muffler edge.

tightest tolerance.

Slip collector heat shield clamp into collector heat shield, positioning nut at bottom of shield. Slip front tabs of shield under the header heat shields. At this point you will want to adjust your heat shields for alignment. Once alignment is assured, secure all heat shield clamps to



Go back and tighten all bolts, clamps and nuts to assure everything is fitted snug and aligned properly.

Prior to starting the engine, clean exhaust to remove any oils or grease (see Care Instructions below). Start your engine and check for exhaust leaks. You are now ready to enjoy your RPW USA BRAVE exhaust pipe.

**TUNING TIP** – The engine should be properly tuned before running it with the new exhaust. We recommend an Adjustable Fuel Tuner.

**WARNING:** Never wash exhaust pipes when they are warm or hot.

**OWNER & DEALER CARE INSTRUCTIONS:** After Exhaust Installation and Before Engine Run - Remove grease and/or skin oils from the tube surfaces. Stains & fingerprints will show when system gets hot.

**CARE INSTRUCTIONS:** Keep system free of dirt and moisture. Store in a cool, dry place. Make sure vehicle is completely cool before maintenance.

**Chrome:** Clean using a mild water based spray cleaner. Always apply cleaner or polish with a soft, clean cloth

**Ceramic Coated / Polished Ceramic Coated Headers:** Wipe the tubes down with a mild soap, warm water and a soft cloth, dry thoroughly. To properly cure ceramic coating on exhaust, run for a minimum of one hour.

**Please Note:** Pipes are not warranted against discoloration and **UNDER NO CIRCUMSTANCE** will pipes be warranted after they have been run on an engine.

