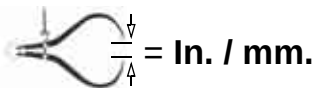
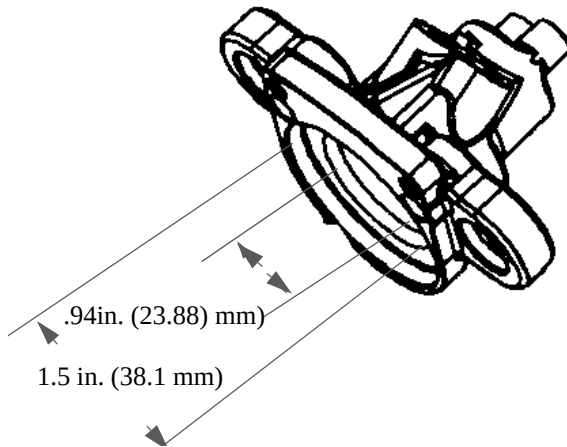


BRAKES

- Measure the inside diameter of the rear caliper. The caliper body is a 2-step piston. The rear step is measured as well as the outside step.



Rear Caliper Piston Bore I.D.

Inner Bore Service Limit: .94" (23.88 mm)

Outer Bore Service Limit: 1.5" (38.1 mm)

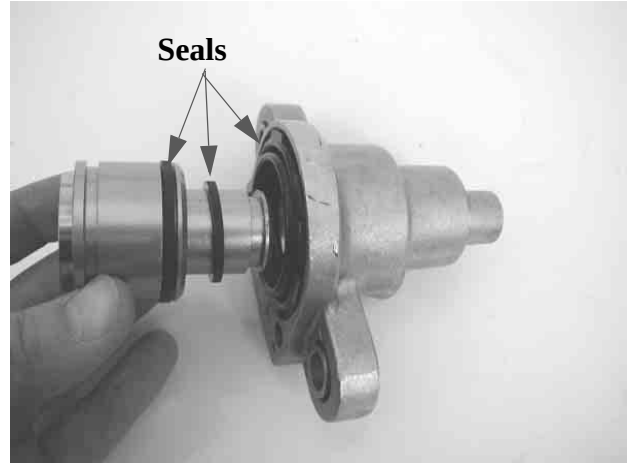
- Inspect caliper piston bore for scratches, severe corrosion, or galling and replace if necessary.



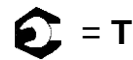
- Inspect surface of caliper piston for nicks, scratches, or damage and replace if necessary.

Assembly

- Install new O-rings in the slide bolt bushing holes. Be sure O-ring and seal grooves are thoroughly cleaned of all residue, or piston may bind in bore. Apply brake fluid to piston seals and install carefully with a twisting motion to ease assembly until fully seated.



- Carefully assemble caliper body, making sure O-rings are properly positioned in groove. Tighten the caliper anvil bolts and then torque the anvil bolts evenly to specification.



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**Caliper Anvil Bolt Torque:
16-18 ft.lbs. (22-24 Nm)**

- Install brake pads in caliper body with friction material facing each other. Install the slide pins and the slide pin retaining rings. Torque the slide pins to specification.

PUBLICATIONS

Table 1-1: Publications

Year	Model	Model No.	Owner's Manual PN	Parts Manual PN
2008	Sportsman 800 EFI	A08MN76A	9921169	9921349
2008	Sportsman X2 700 EFI	A08TN68A	9921356	9921357
2008	Sportsman Touring 800 EFI International	A08DN76A A08DN76F	9921356	9921359

PAINT CODES

Table 1-2: Paint Codes

PAINTED PART	COLOR DESCRIPTION	DITZLER NUMBER	POLARIS NUMBER
Sportsman 700/800 EFI Frame	Black	9440	P-067

REPLACEMENT KEYS

Replacement keys can be made from the original key. To identify which series the key is, take the first two digits on the original key and refer to the chart to the right for the proper part number. Should both keys become lost, ignition switch replacement is required.

Table 1-3: Key Numbers

Series #	Part Number
20	4010278
21	4010278
22	4010321
23	4010321
27	4010321
28	4010321
31	4110141
32	4110148
67	4010278
68	4010278

