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### 440128 Aim and Shoot kit



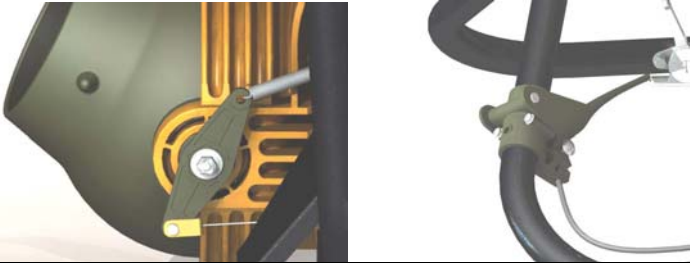
**Completely read  
instructions before  
installing kit**



## BILLY GOAT FORCE BLOWER Aim and Shoot Manual

F800/F900H/F900S/F1300H  
Patent #6,253,416

***Aim and Shoot kit***  
*Effective and Easy to use.*



**P/N 440128**



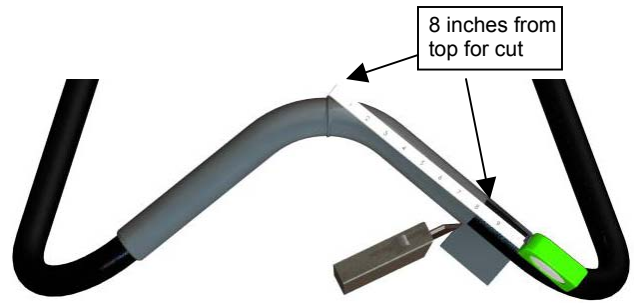
## 440128 Aim and Shoot kit

### ASSEMBLY

To install the aim and shoot kit, first cut off 2 ½ inches at the bottom of the grip, the cut should be 8 inches from the apex of the handle, on the right hand side of the machine. If you do not have a tape measure handy one is provided on page 1.



Box knife and tape measure



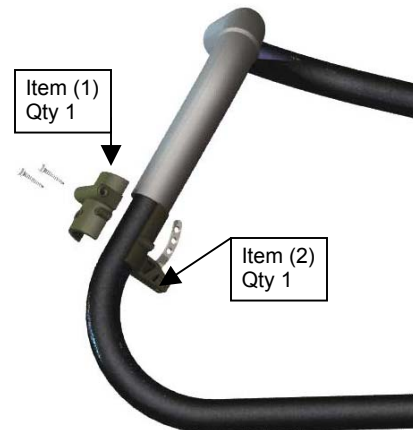
Position both sides of the saddle clamps items (1&2) with the bracket facing the engine and pointed as shown in the diagram. The bracket should not be placed on the bend of the handle. Holding together with one hand, start screws (item 3). Rotate the clamp to the desired position and tighten securely, making sure not to over tighten.



Item (3)  
Qty 2



5/16 socket and ratchet



Attach the lever/handle sliding the latch bracket through the slot in the lever and attaching the lever (item 4) to the saddle with the pin item (5) and retaining ring item (6), make sure the lever is in the desired position, if not loosen the clamp screws and rotate the clamps and lever to a comfortable position then tighten.



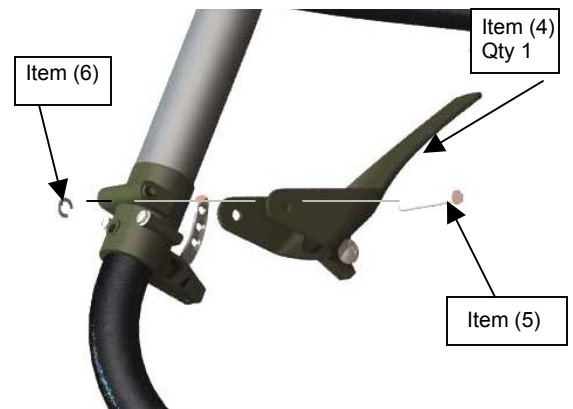
Item (5)  
Qty 1



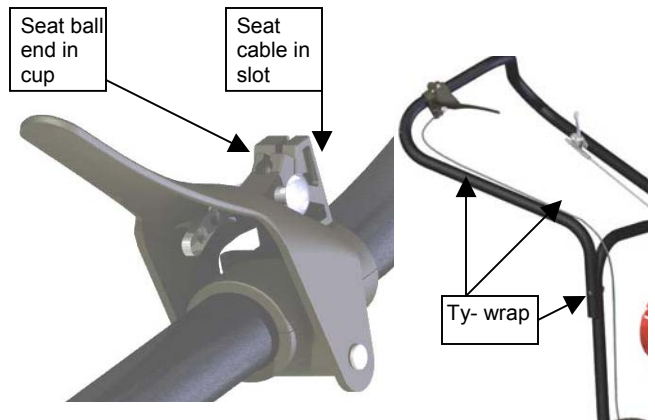
Item (6)  
Qty 1



Pliers



Attach the cable (9) to the lever (the ball end without threads on it) by slipping the cable through slot and seating the ball in the cup area on the lever and the cable in the seat on the clamp. Route the cable down the right side of the handle securing it with Ty-wraps (16), the cable should be parallel to the handle tubing and the lower portion of the cable should not make contact with the rear tire.





## 440128 Aim and Shoot kit

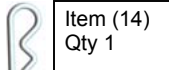
Remove the left tire by using the screwdriver to remove the clip (discard and replace only if damaged) and support the axle with a block and make sure unit is secure. Remove the outer nut from the cable adjuster and position the other one midway on the threads. Insert adjuster into plate and reinstall nut, secure the cable by tightening the two nuts with the plate in between.



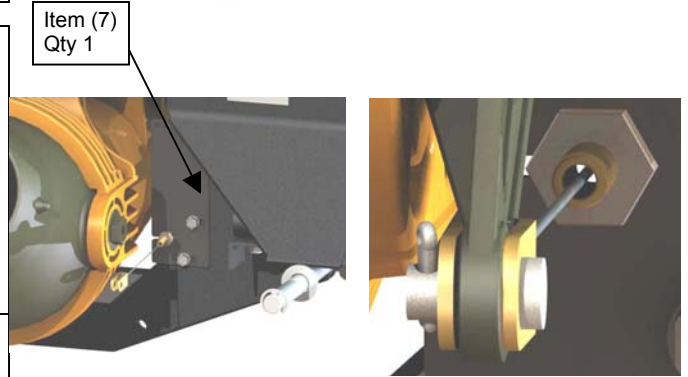
Two ½ inch wrenches, and a flat head screwdriver.



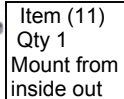
Attach the mounting plate (7) to the left side of the base behind the housing using screws (8). **Note:** Do not over tighten the screws mounting the plate. Next attach the cable to the diverter adaptor (item 10), with the hitch pin (14) and clevis pin (15).



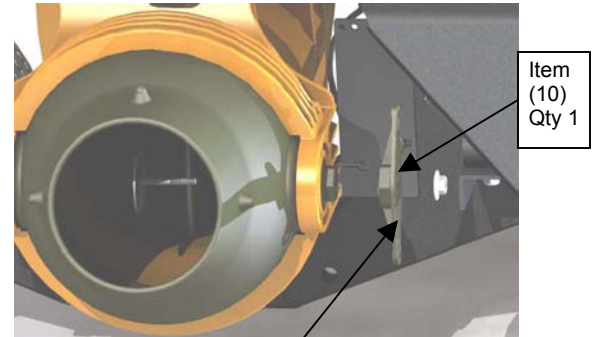
5/16 socket and ratchet



Position the diverter cone pointing straight out and place the diverter adaptor (10) on the hex end, it should be perpendicular to the ground. Feed the adaptor bolt (11) from the inside out and secure with the nut (12). **Do not over tighten.** Check for freedom of movement after loosening knob on front of cone.



7/16 wrench, 7/16 socket, extension and ratchet



Cone should be pointed straight and ends of the adaptor should be straight up and down

Tilt the cone so it is pointed up and attach one end of the spring (13) to the top hole on the diverter adaptor and the other to the top hole on the plate, then using the pliers squeeze both ends to keep the spring from coming off. Loosen knob on front of cone. If cone does not move freely apply lubricant to pivot points. Squeeze lever to ensure proper operation, the cone should lower when lever is retracted and spring pin should hold in the bracket at fixed positions. Reattach the tire and it's hardware in the order removed using the pliers for the clip.



Pliers

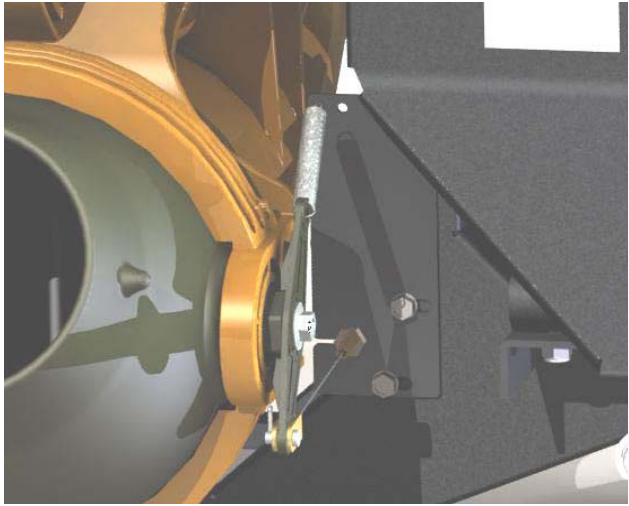
Attach on front hole

Item (13) Qty 1





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<b>Parts List</b>			
	Part No.	Description	Qty
1	440114	SADDLE LOWER	1
2	440115	SADDLE UPPER	1
3	440132	SCREW PLASTITE HWH #10-14X1"	2
4	440119	HANDLE DIVERTER FORCE	1
5	440123	PIN PIVOT DIVERTER CONTROL	1
6	430327	RETAINING RING 1/4	1
7	440127	BRACKET DIVERTER FORCE	1
8	440147	SCREW TCS #12-24 X 5/8 TYPE 1	2
9	440117	CABLE ASSY	1
10	440121	DIVERTER PIVOT ADAPTOR	1
11	440122	ADAPTOR MOUNT WA	1
12	8160001	NUTLOCK 1/4-20	1
13	440130	SPRING EXTENSION 0.468 X 5.25	1
14	440193	.051 X 3/4" HITCH PIN CLIP	1
15	440124	PIN CLEVIS 1/4 X 3/4	1
16	900407	TY-WRAP	3