



RHINO BARRIERS

ASSEMBLY INSTRUCTIONS

GENERAL NOTES

- TWO PERSONS WILL BE REQUIRED TO ASSEMBLE THE BARRIER SYSTEM
- THE 3/4" HEX HEAD BOLTS & NUTS REQUIRE A 1 1/8" TOOL SUCH AS SOCKET/RATCHET, BOX OR AIR IMPACT (PREFERRED) WRENCHES

The Rhino barrier system is relatively easy to assemble. The barriers are connected together through the use of a unique connecting pin that allows the barriers to pivot.

Highway traffic control applications require the addition of the 350 Upgrade. This kit consists of: two polyurethane foamed, polyethylene deflector panels that are positioned on both sides of the main segment barriers; two galvanized steel connector strips for extra strength at the pivot point; two bolts, four washers and two nuts that fastens the deflector panels and steel connector strips to the barriers; a sand-filled, polyethylene domed "doenut" that is positioned under the leading end of the barriers in which the connector pin locks into. When the assembly of the barrier system is completed, the main barrier segments and end-treatment segments are filled with water. The following pages show graphic illustrations and written instructions.

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All specifications in this manual are subject to change without prior notice



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1 Lift the leading edge of the main segment barrier and position a “doenut” in the allowed recess directly below the connector pin as shown in figure 1. Do not lock the connector pin at this point.

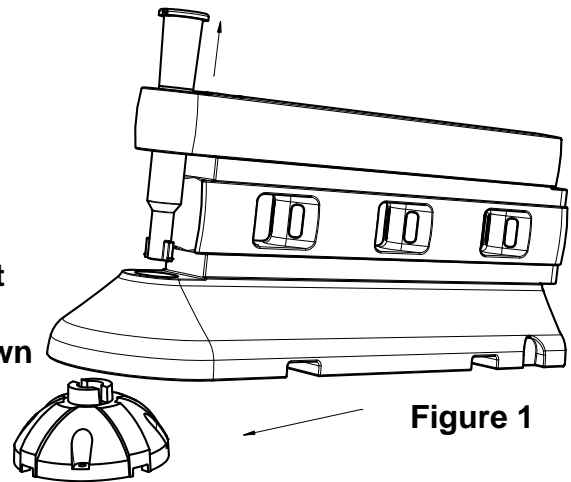


Figure 1

2 Refer to figure 2. Locate another main segment barrier so that the “male” end goes into the “female” leading-end of the barrier that is in position from step 1.

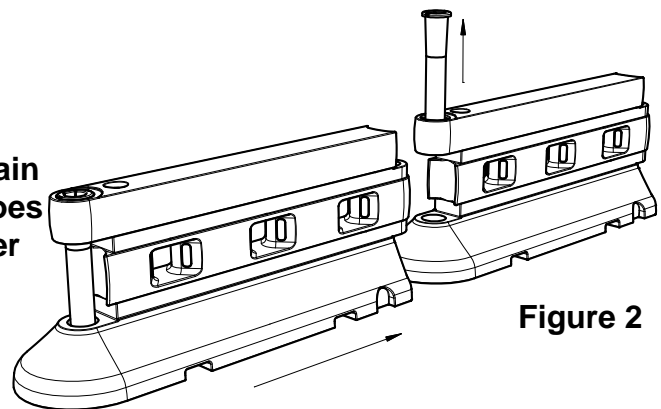


Figure 2

3 Refer to figure 3. Force the connector pin down and into the “doenut” then twist to lock the connected barriers in place.

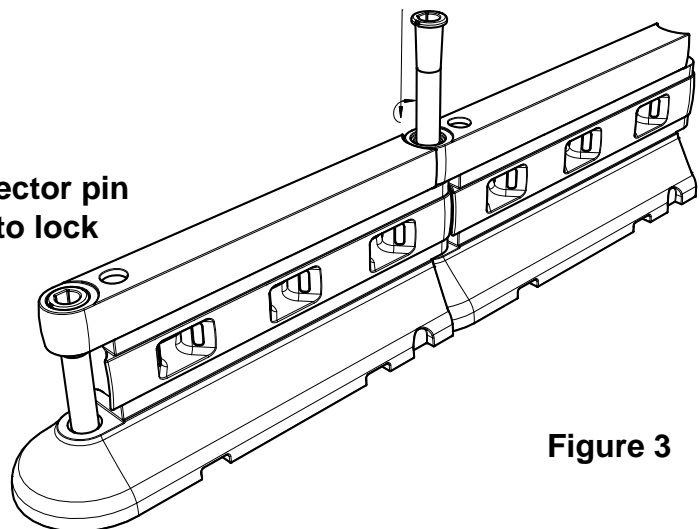


Figure 3



ASSEMBLY INSTRUCTIONS

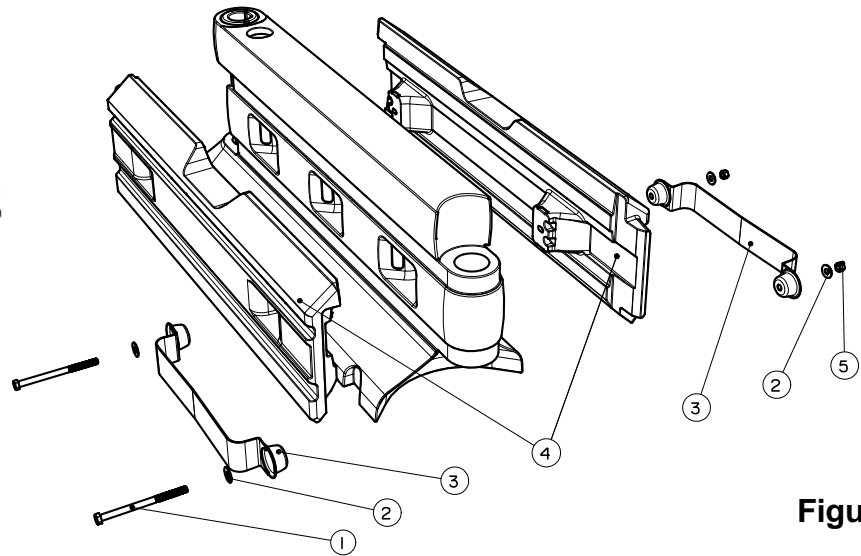


Figure 4

ITEM	PART #	DESCRIPTION	QTY.
1	PC-000157	BOLT, 3/4 x 14, GR.2, HEX HEAD	2
2	PC-000149	WASHER, 3/4 x 2, USS GALV.	4
3	RB1-0050	CONNECTOR STRIP, STEEL GALV.	2
4	RB1-0006	DEFLECTOR STRIP	2
5	PC-000150	NUT, 3/4 USS, HEX, GALV.	2

Refer to figures 4 & 5. Lift a deflector strip up to a given side of the barrier. There are two protrusions on one side of the deflector strip. Insert these into the left & right ports of the main segment barrier. Put another deflector strip on the other side of the barrier. Insert the steel connector strips into the recesses in the deflector strips as shown in figure 5. Fasten the connector and deflector strips to the main segment barrier with two bolts, four washers and two nuts. Be sure to slide a washer up to the head of the hex bolt. Tighten the assembly using a 1 1/8" drive tool.

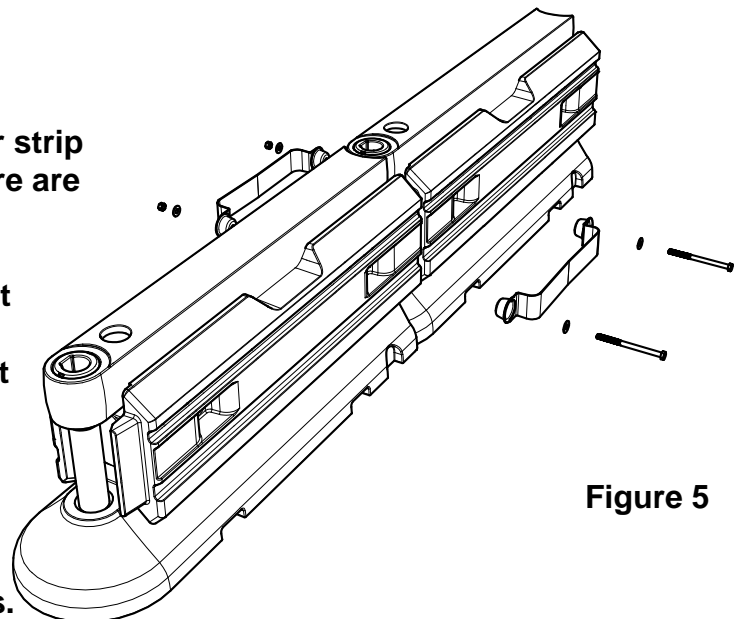
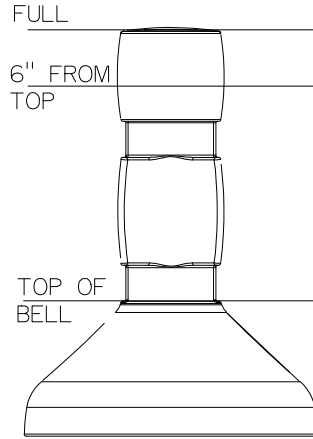


Figure 5

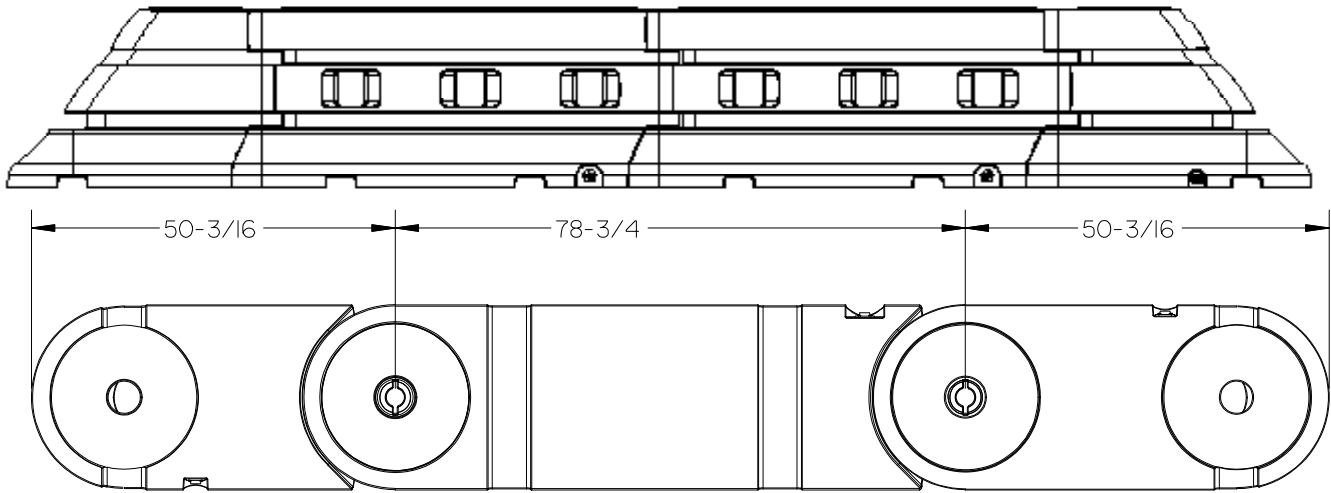


ASSEMBLY INSTRUCTIONS



FILL LEVEL	CAPACITY		WEIGHT	
	IMPERIAL	METRIC	IMPERIAL	METRIC
UP TO TOP OF "BELL"	60-GALLONS	227 L	500 lbs.	227 kg
6" FROM TOP OF BARRIER	95-GALLONS	360 L	791 lbs.	359 kg
FULL BARRIER	111-GALLONS	420 L	925 lbs.	420 kg

BARRIER USAGE GUIDE



CONSIDERATION	IMPERIAL-FEET	METRIC-METRES
TOTAL DISTANCE OF PROJECT		
CONVERSION TO: IMPERIAL FEET x 12 = INCHES - METRIC METRES x 100 = CENTIMETRES	ins	cm
MINUS MALE OR FEMALE END SEGMENTS - IMPERIAL = 50.187" - METRIC = 127.5 CM		
SUB-TOTAL		
DIVIDE BY PIN LENGTH DIMENSION OF MAIN SEGMENT BARRIER		
AMOUNT OF MAIN SEGMENT BARRIERS REQUIRED FOR PROJECT		