

TECHNICAL
BRIEF

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**PROCEDURE FOR CLEAN OUT
OF
VARIABLE LENGTH BARRIER (VLB)**

WARNING:

Due to the pre-load of the springs in the Variable Length Barrier it is important to disassemble the VLB's in the correct manner. **FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN BODILY INJURY.**

WARNING:

Never remove the outer spring pre-loader bolts (item 15).

PROCEDURE FOR DISASSEMBLY AND CLEANING

See attached Barrier Systems Inc. drawing

Remove the cap screws (item 16) and washers (item 19) then remove both of the spring retainer caps (item 5).

Some VLB's have item 8 and item 18. These items are a anti-rotation plate and screws. If these two items are present they must be removed. If the particular style VLB does not have item 8 and 18 continue to the next step.

Remove the cylinder mount screws (item 17) and washers (item 19) from the outer shell (item 28). See attached drawing. Now one end of the cylinder is free.

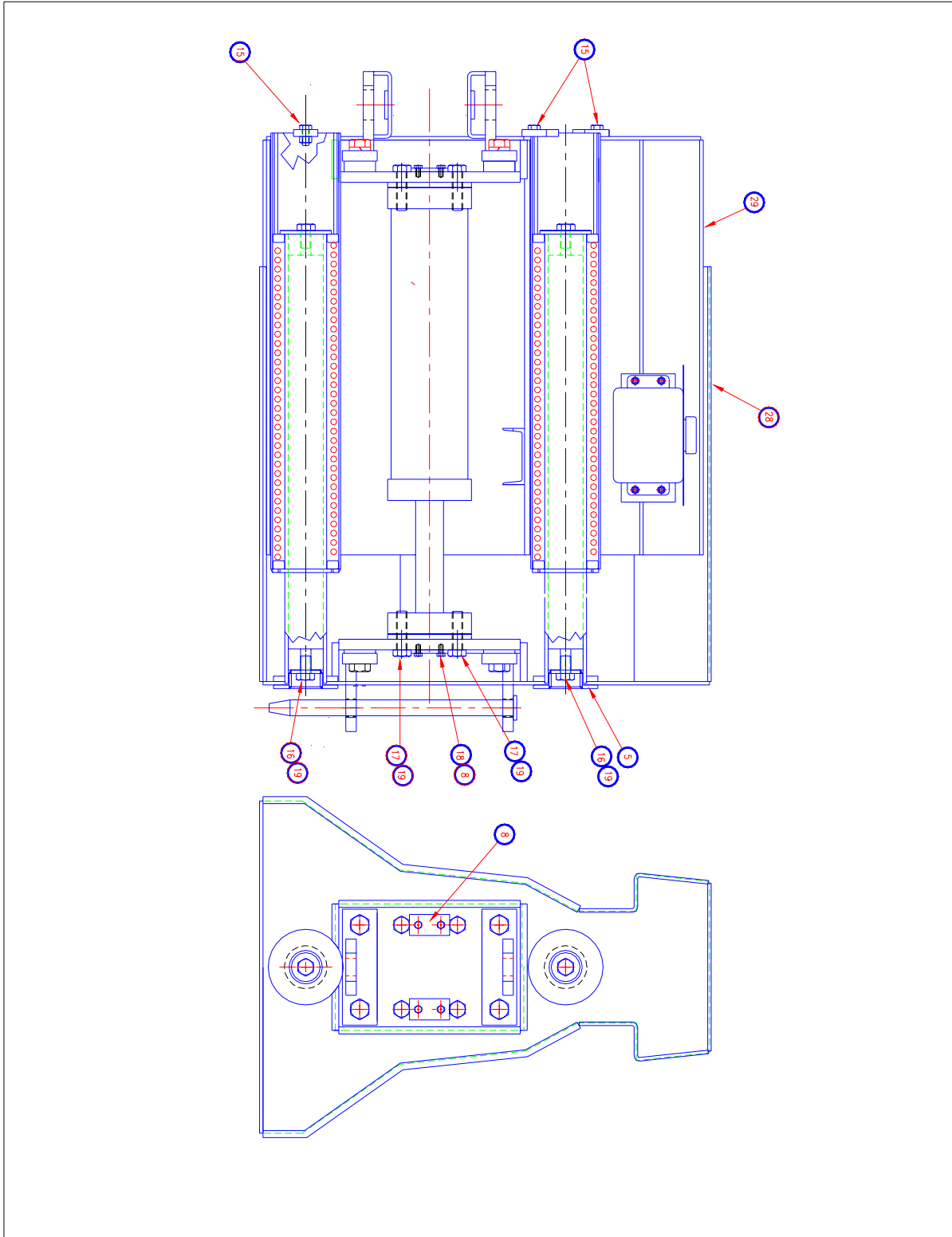
The inner shell (item 29) can now be pulled apart from the outer shell (item 28).

The inner and outer shell may now be cleaned of any heavy amount of sand, caked up dirt, etc.

Assemble in reverse order of the above directions.

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TB 970120-Rev. 1
PROCEDURE FOR CLEAN OUT OF VLB
Page 2 of 2



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