

Installation Manual

These instructions apply to the external field installation of Pull Chain Operator on VCD series dampers.

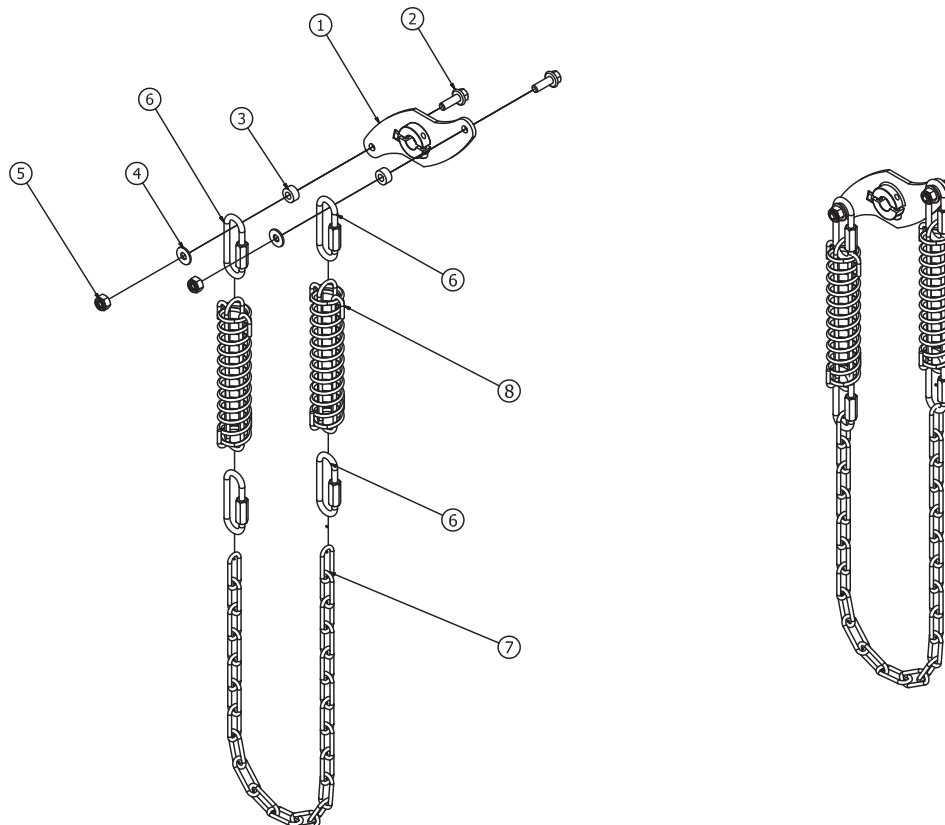
Tools Required:

$\frac{9}{64}$ in. Allen Wrench for $\frac{1}{2}$ in. kit

$\frac{3}{16}$ in. Allen Wrench for 1 in. kit

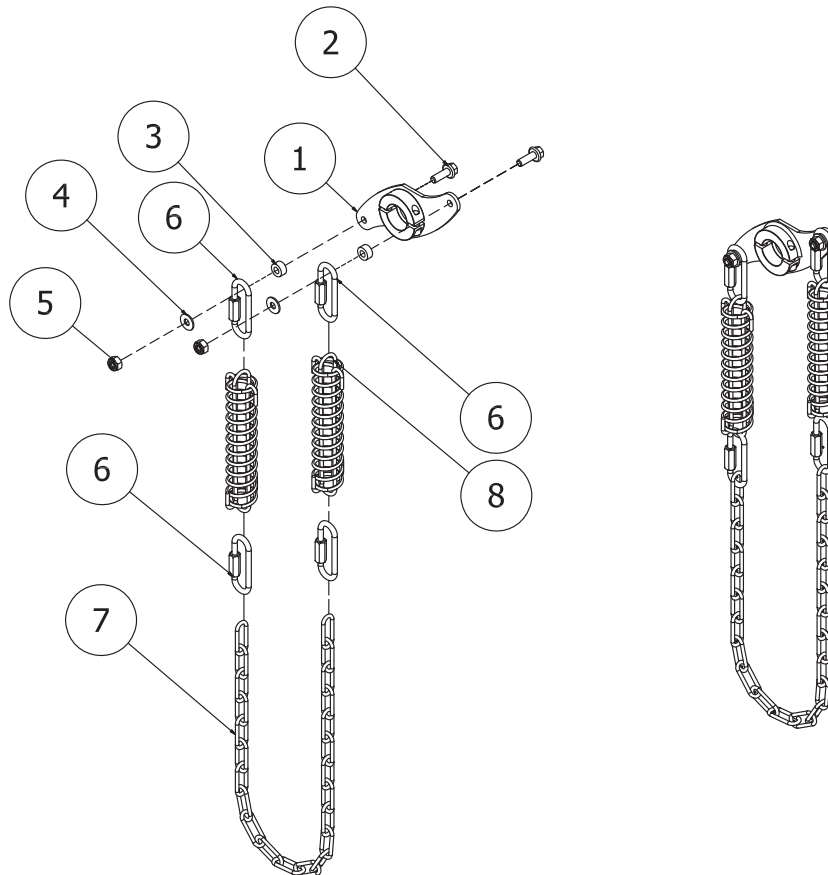
Part no. 877751 1/2 inch Pull Chain Operator Kit- Galv		
Item	Qty	Description
1	1	$\frac{1}{2}$ in. dia. pull chain
2	2	$\frac{1}{4}$ -20 x .75 bolt, ZP
3	2	Unthreaded spacer ZP
4	2	Flat washer ZP
5	2	$\frac{1}{4}$ - 20 Nyloc Nut ZP
6	4	$\frac{3}{16}$ in. Quick-Link ZP
7	1	Chain ZP
8	2	Spring ZP

Part no. 914040 1/2 inch Pull Chain Operator Kit- 316SS		
Item	Qty	Description
1	1	$\frac{1}{2}$ in. dia. pull chain 316SS
2	2	$\frac{1}{4}$ -20 x .75 bolt, 316SS
3	2	Unthreaded spacer 316SS
4	2	Flat washer 316SS
5	2	$\frac{1}{4}$ - 20 Nyloc Nut 316SS
6	4	$\frac{3}{16}$ in. Quick-Link 316SS
7	1	Chain 316SS
8	2	Spring 316SS



Part no. 87752 1 inch Pull Chain Operator Kit- Galv		
Item	Qty	Description
1	1	1 in. dia. pull chain
2	2	¼-20 x .75 bolt, ZP
3	2	Unthreaded spacer ZP
4	2	Flat washer ZP
5	2	¼ - 20 Nyloc Nut ZP
6	4	⅜ in. Quick-Link ZP
7	1	Chain ZP
8	2	Spring ZP

Part no. 914041 1 inch Pull Chain Operator Kit- 316SS		
Item	Qty	Description
1	1	1 in. dia. pull chain
2	2	¼-20 x .75 bolt, 316SS
3	2	Unthreaded spacer 316SS
4	2	Flat washer 316SS
5	2	¼ - 20 Nyloc Nut 316SS
6	4	⅜ in. Quick-Link 316SS
7	1	Chain 316SS
8	2	Spring 316SS



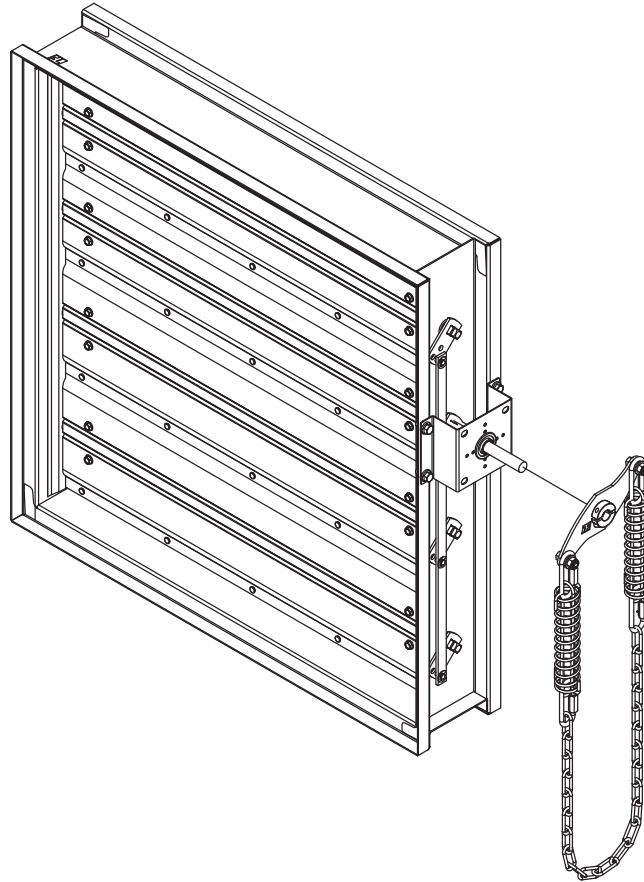
Non-jackshafted Dampers

Control damper should be mounted in the wall and shaft extension mounted onto the correct blade of the damper before continuing with these instructions.

After Extended Shaft is Installed

1. Assemble the pull chain operator to the extension bracket assembly (**Item 2**).
2. With the damper in the full open or full closed position, attach the pull chain operator (**Item 1**) to the extended control shaft so the pull chain operator can move the damper between open and close.

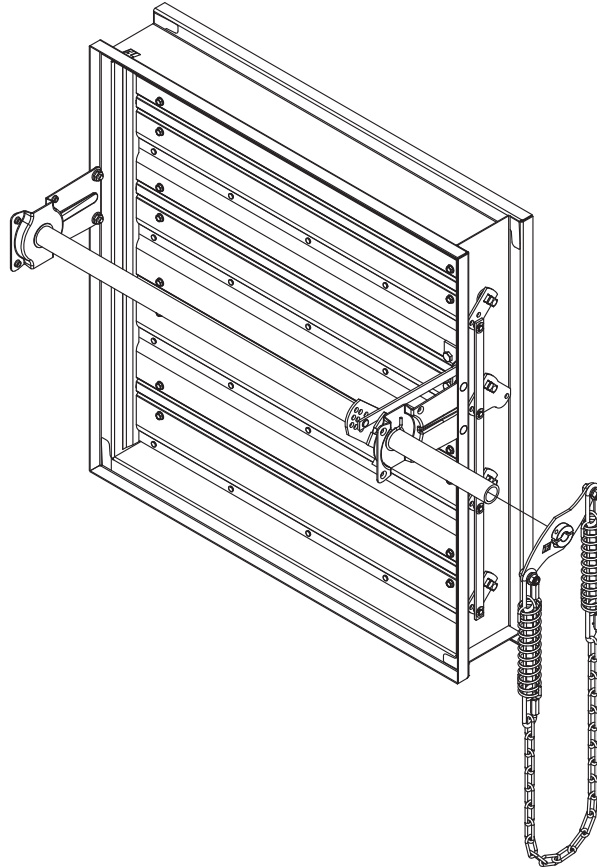
Note: Tighten down the socket head cap screws on the pull chain collar so the collar does not slip on the shaft when opening and closing the damper.



Jackshafted Dampers

1. The jackshaft is either ½ in. or 1 in. diameter on the damper. Use the kit listed on page 1 and 2 for the appropriate jackshaft size you have.
2. With the damper in the full open or full closed position, attach the pull chain operator (**Item 1**) to the jackshaft (**Item 2**) so pull chain operator can move the damper between open and close.

Note: Tighten down the socket head cap screws on the pull chain collar so the collar does not slip on the shaft when opening and closing the damper.



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