

Martin® QC1™ Metal Tipped Pre-Cleaner Blade Installation Instructions



▲ DANGER

Before installing, servicing, or adjusting the belt cleaner/tensioner, turn off and lock out/tag out all energy sources to the conveyor and conveyor accessories according to ANSI standards. Failure to do so could result in serious injury or death.

▲ CAUTION

Martin® QC1™ Metal Tipped Pre-Cleaner Blades should NOT be used on belts with mechanical fasteners. They are intended to be used only on Vulcanized Belts. When used on belts with mechanical fasteners, damage may occur to both the belt and the cleaner assembly. The cleaner should NOT be used on a belt that contains gouges, holes, or other belt imperfections, as the cleaner may cause further damage to the belt.

1. Remove worn blade from belt cleaner mainframe.
2. Verify mounting dimensions are correct according to *Martin® QC1™ Pre-Cleaner with Metal Tipped Blade Operator's Manual*, P/N M3814.
3. Install Martin® QC1™ Metal Tipped Blade.
4. Place Metal Tipped Blade Caution Labels (P/N 38679) on belt cleaner mainframe and on outside of chute wall visible to belt cleaner operator.
5. Re-tension belt cleaner according to tensioner operator's manual. See Figure 1 or 2 for tensioner labels.

▲ WARNING

Failure to remove tools from installation area and conveyor belt before turning on energy source can cause serious injury to personnel and damage to belt.



▲ DANGER

Do not touch or go near conveyor belt or conveyor accessories when conveyor belt is running. Body or clothing can get caught and pull body into conveyor belt, causing severe injury or death.



6. Turn on conveyor belt for 1 hour, then turn off.
7. Make sure all fasteners are tight. Tighten if necessary.

Martin® Twist Tensioner Recommended Tension				
Belt width in. (mm)	Number of notches			
	Martin® QC1™ Cleaner HD	Durt Hawg® DH2 Cleaner	Martin® PV Cleaner	Martin® QC1™ Cleaner Metal Tipped
18 (400-500)	2	2	3	1
24 (500-650)	3	3	4	1
30 (650-800)	3	3	4	1
36 (800-1000)	4	4	4	1
42 (1000-1200)	5	5	5	1
48 (1200-1400)	6	6	5	1
54 (1400-1600)	3*	3*	4*	1*
60 (1600-1800)	4*	4*	4*	1*
72 (1800-2000)	5*	5*	5*	1*
84 (2000-2200)	5*	5*	5*	1*
96 (2200-2400)	6*	6*	6*	1*

* Per tensioner; dual tensioners required.

Patents issued and pending Label P/N 33383

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Figure 1. Martin® Twist Tensioner Label, P/N 33383

Martin® Spring Tensioners Recommended Tension			
Belt width in. (mm)	Martin® QC1™ Cleaner HD	Durt Hawg® DH2 Cleaner	Martin® QC1™ Metal Tipped
	Spring length †	Spring length †	Spring length †
18 (400-500)	3.63 (92)	3.38 (86)	3.85 (98)
24 (500-650)	3.50 (90)	3.25 (83)	3.85 (98)
30 (650-800)	3.38 (86)	3.00 (76)	3.85 (98)
36 (800-1000)	3.25 (83)	3.00 (76)	3.85 (98)
42 (1000-1200)	3.13 (79)	2.88 (73)	3.85 (98)
48 (1200-1400)	3.00 (76)	2.75 (70)	3.85 (98)
54 (1400-1600)	3.38 (86)*	3.38 (86)*	3.85 (98)*
60 (1600-1800)	3.38 (86)*	3.25 (83)*	3.85 (98)*
72 (1800-2000)	3.25 (83)*	3.00 (76)*	3.85 (98)*
84 (2000-2200)	3.13 (79)*	3.00 (76)*	3.85 (98)*
96 (2200-2400)	3.00 (76)*	2.75 (70)*	3.85 (98)*

*Per tensioner. Dual tensioners required. † Compressed

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Place label on chute wall,
visible to tensioner user.
Label P/N 32259

Figure 2. Martin® Spring Tensioner Label, P/N 32259

**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001:2008 =**

Form No. M3816-08/12

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