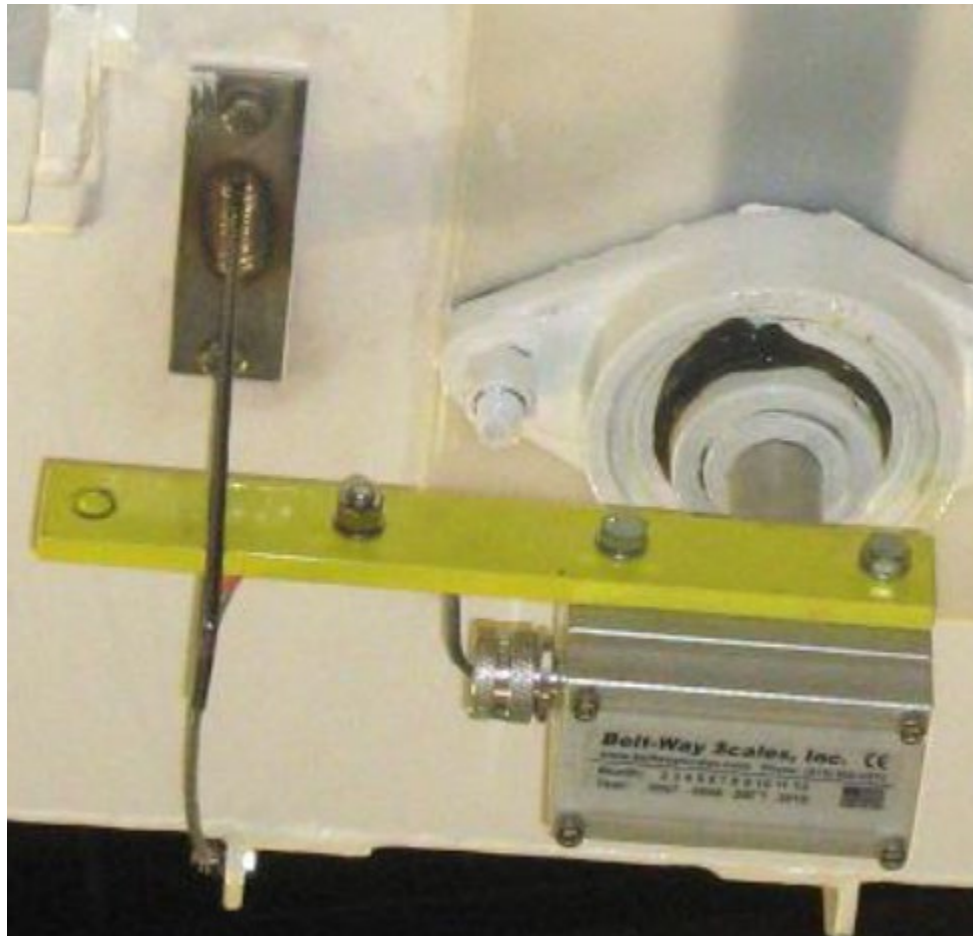


2016

2016 MAGNETIC SHAFT SPEED SENSOR INSTALL GUIDE ASM0169-M



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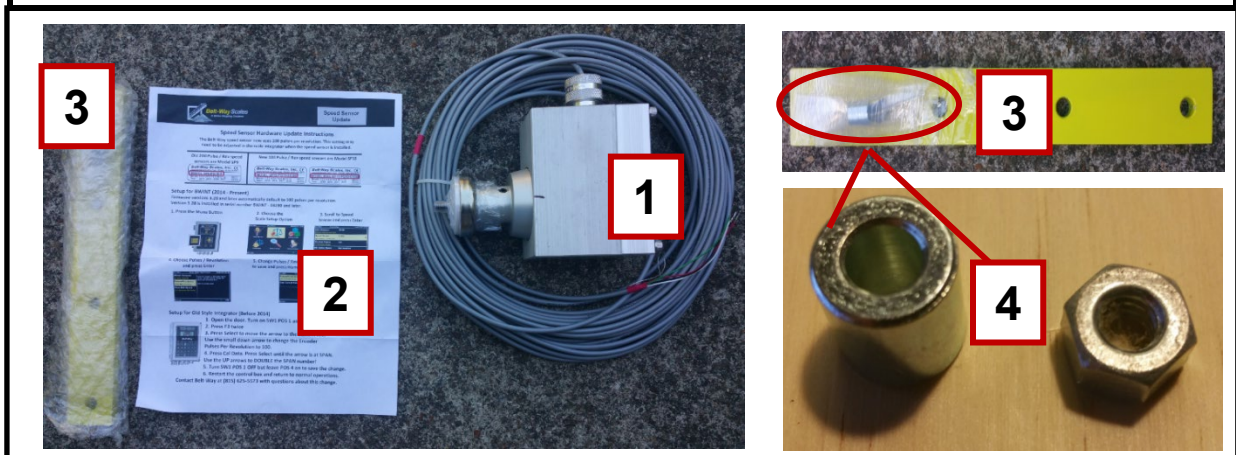
2016 Magnetic Shaft Speed Sensor Install Guide ASM0169-M

1. Introduction

The Magnetic shaft mount speed sensor was designed for applications that were not ideal for a speed sensor running on the return belt or applications that do not have enough space between the belt.

2. What is in the Box?

1. 100 pulse per Revolution Speed Sensor with 65ft (22m) of cable
2. Setup Instruction
3. Mounting Hardware
4. Expansion collar and Nut (When replacing a previous version with 5.8" threaded shaft)



3. Tools Needed



4. Installation

NEW INSTALLATION SHAFT MOUNT INSTALLATION

1. FIND AND MARK THE CENTER OF THE SHAFT



2. DRILL HOLE TO ACCOMMODATE STUD

Step 1 - Drill pilot hole (Hole depth = 3/4")

Step 2 - drill 5/16" \varnothing main hole (Depth = 3/4")



3. INSTALL YELLOW BAR



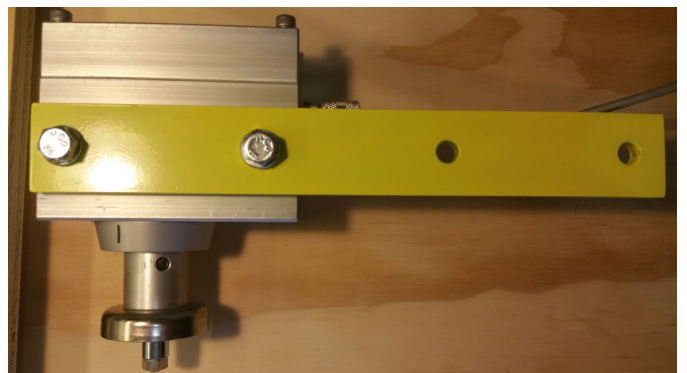
REPLACING EXISTING THREADED SHAFT MOUNT SPEED SENSOR

1. REMOVE EXISTING SHAFT MOUNT ENCODER

2. INSTALL SPACER COLLAR AND NUT ONTO NEW SPEED SENSOR



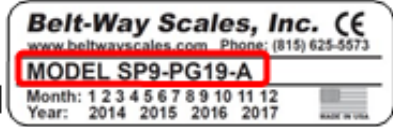

3. INSTALL YELLOW BAR



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<p>4. INSERT THE 1/4" STUD INTO THE HOLE AND LET THE MAGNET DO THE REST!</p>	<p>4. INSERT THE STUD WITH THE EXPANDER INTO THE 5/8" THREADED HOLE AND LET THE MAGNET DO THE REST.</p>
<p>5. BOLT A FLEX STRAP OR STOPPER TO THE CONVEYOR FRAME & YELLOW MOUNTING ARM TO PREVENT SPEED SENSOR FROM ROTATING</p>	<p>5. BOLT A FLEX STRAP OR STOPPER TO THE CONVEYOR FRAME & YELLOW MOUNTING ARM TO PREVENT SPEED SENSOR FROM ROTATING</p>


5. Installation


<p>Old 200 Pulse / Rev speed sensors are Model SP9</p> 	<p>New 100 Pulse / Rev speed sensors are Model SP10</p> 	
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Setup for BWINT (2014 - Present)


Firmware versions 3.28 and later automatically default to 100 pulses per revolution. Version 3.28 is installed in serial number BWINT - 03280 and later.

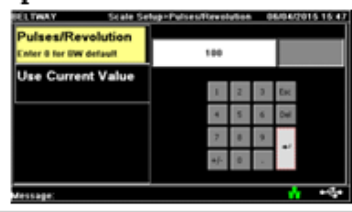
- 1. Press Menu**


- 2. Choose the Scale Setup Option**


- 3. Scroll to Speed Sensor and press Enter**


- 4. Choose Pulses / Rev and press Enter**


- 5. Change Pulses / Revolution to 100. Press Enter to save and press Home to return to normal.**





Setup for Old Style Integrator (Before 2014)

1. Open the door. Turn on SW1 POS 1 and POS 4.
2. Press F3 twice. Press Select to move the arrow to the bottom line.
3. Use the small down arrow to change the Encoder Pulses Per Revolution to 100.
4. Press Cal Data. Press Select to move to the SPAN number. Use the up arrows to DOUBLE the current SPAN number! Call Belt-Way if the Span number exceeds 60,000 as further calibration adjustments may be required.
5. Press Weight / Rate and perform a new SET ZERO operation.
6. Turn off SW1 POS 1 and return to normal operations.

LEAVE SW1 POS 4 ON TO PERMANENTLY SAVE THE PULSE/REV CHANGES!