



### **Note to Drive Sentry Gen2 Installers:**

We're working to update our installation instructions for the Gen2 model of the Drive Sentry but until that is complete will use this modified version of the existing Generation 1 instructions.

Any significant differences between the two products are noted. If you see a photo or reference to the product, hardware or installation activity that identifies as other than Gen2 it's because that particular section applies equally to either unit.

Any significant difference between the two versions will be noted and appropriately detailed.

Thank you. If there are any questions feel free to contact us at the following and simply ask for technical assistance.

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# INSTALLATION INSTRUCTIONS

## Drive Sentry Anti Windmilling Device – Bushing Mount



Unpack box and lay out components. Check to ensure all the following are present:

- Qty 1: Drive Sentry Device
- Qty 1: Shackle
- Qty 1: Restraining Cable (10')
- Qty 2: Cable Clamps
- Qty 1: Loctite 262
- Qty 1: Installation Instructions



### **IMPORTANT NOTE !!!**

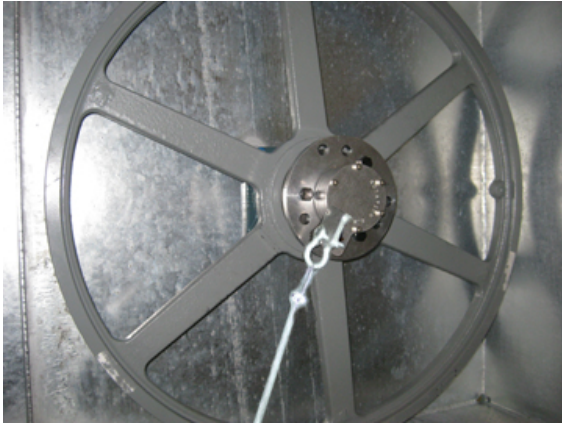
- 4) Measure to confirm the fan shaft does not project past the bushing bolts.

- 1) Determine the bushing type and gather the appropriate bolts/lock washers (supplied by customer) to attach Drive Sentry to the bushing using the "jack-bolt" holes in the bushing.
- 2) Apply Loctite 262 to threads and securely tighten.

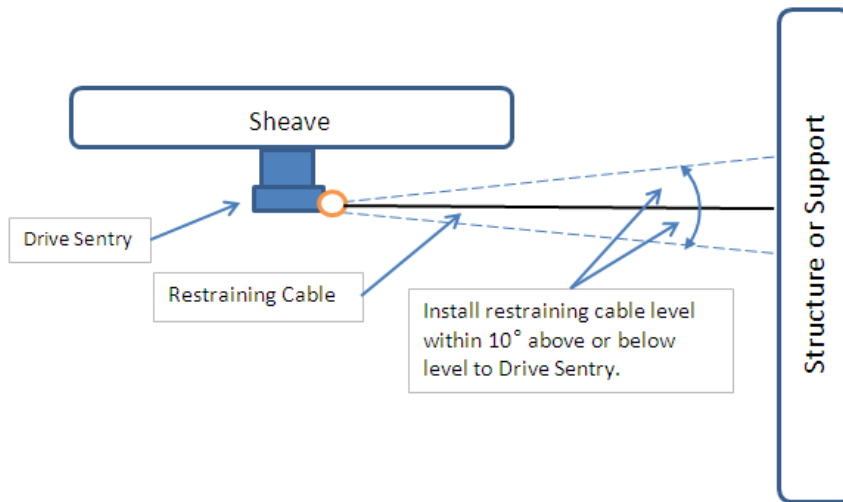


**IMPORTANT NOTE:**  
Drive Sentry maximum allowable rotation is 1200 RPM.

Temperature Limits are -40F to +200F



- 5) Stand clear of all moving equipment and “bump” the motor to confirm fan direction of rotation.
- 6) Also confirm the Drive Sentry has correct direction of free rotation and correct direction of restraint.
- 7) **AFTER CONFIRMING THE DIRECTION OF ROTATION IS CORRECT** thread one end of the restraining cable through the shackle and secure it using one of the two supplied cable clamps. Install the cable clamp using Loctite 262 on the clamp threads.



- 9) Apply Loctite 262 to the threads on the second cable clamp and secure the opposite end of the restraining cable to a sturdy support. Pull the cable taut to remove available slack and **complete the attachment with the cable no more than 10° above or below level.**
- 10) Ensure the restraining cable is not attached to or exposed to a sharp edge that would cause wear and failure.
- 11) By hand, attempt to rotate the fan backward to confirm the Drive Sentry restrains backward rotation.
- 12) Install all required guards and confirm the Drive Sentry has appropriate clearances for free operation and travel.
- 13) After all guards are installed run the fan at a full speed test to make final confirmation of the following:
  - Direction of rotation in operation
  - Proper clearances for Drive Sentry
  - Restraining cable is taut, free of slack and properly positioned



# INSTRUCTIONS FOR REVERSING DIRECTION OF ROTATION

Drive Sentry Gen2 revolutionizes the industry by being the easiest, fastest and most convenient anti-windmilling device in existence.

Step 1:



Use .1875" Allen Wrench to remove the flat head screw at center of bottom plate on the bottom of Drive Sentry.

Remove the screw, lift off the center plate and set both to the side for immediate reinstallation.



Step 2:



Clutch Housing

Shaft Adapter

Lift the Clutch Housing off the assembly, Turn it over, align the keyway and reset it on the shaft adapter



Step 3:



Reset center cover plate to the middle of the now reversed Drive Sentry and secure in place by tightening the flat head screw with .1875" Allen Wrench.