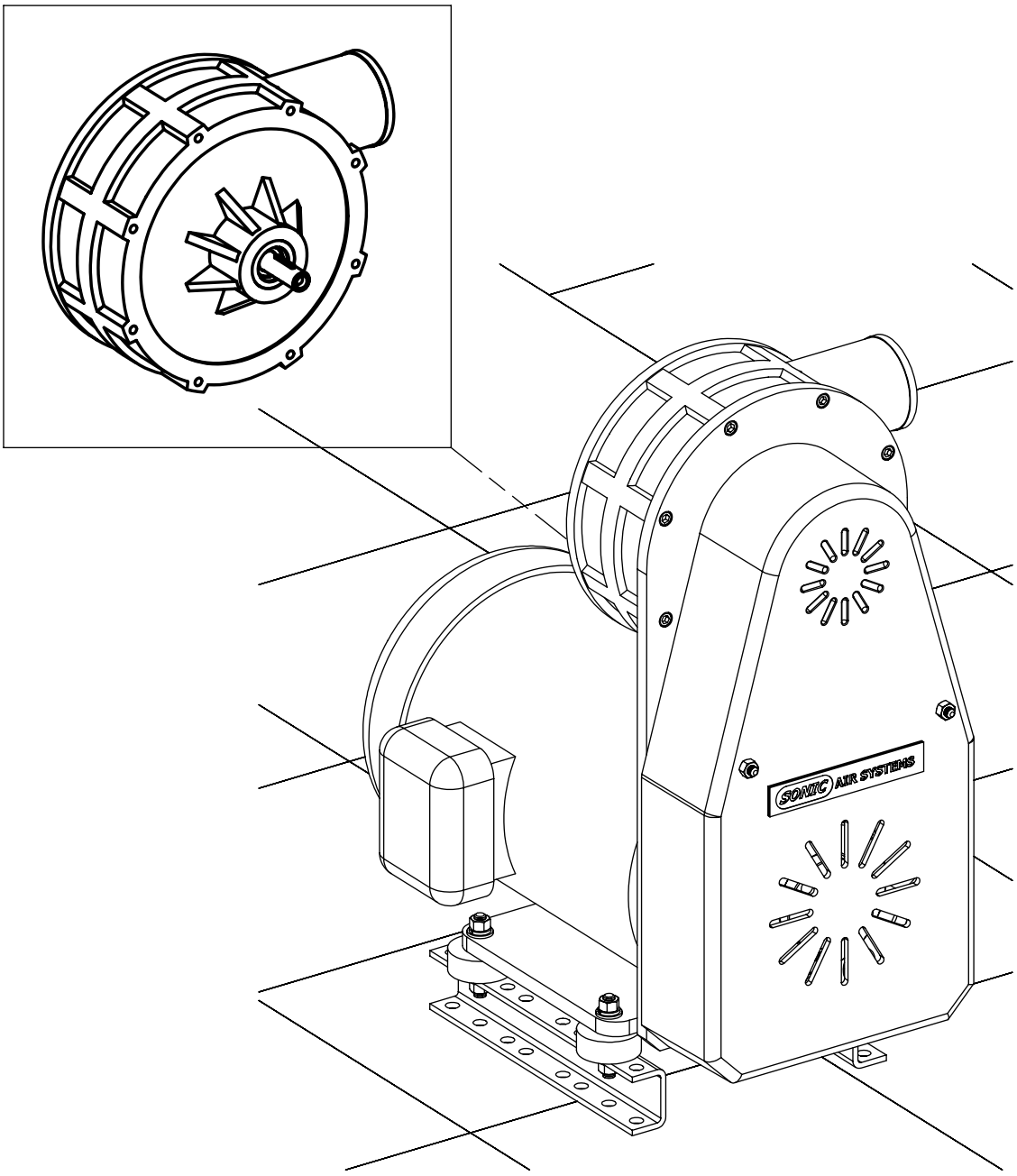
SONIC® AIR SYSTEMS

WWW.SONICAIRSYSTEMS.COM

BLOWER HEAD REPLACEMENT QUICKSHEET

SONIC 70/85/100/150 CENTRIFUGAL BLOWERS



*THIS QUICKSHEET CONTAINS BASIC INSTRUCTIONS ONLY

PLEASE VISIT OUR WEBSITE AT www.sonicairsystems.com/instructions.php FOR A COMPREHENSIVE VERSION OF THIS AND ALL OTHER PRODUCT MANUALS AS WELL AS INSTRUCTIONAL ANIMATIONS.

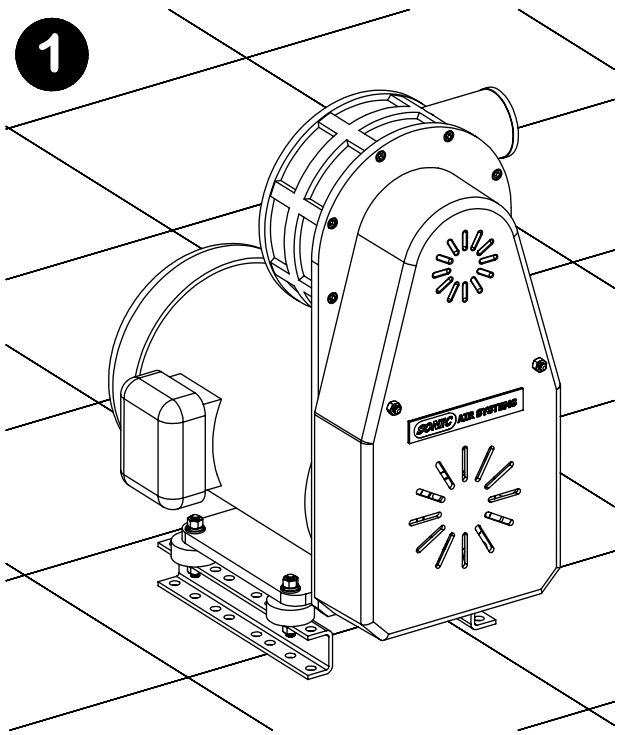
IMPORTANT! - READ NOTES BELOW BEFORE PROCEEDING

Electrical

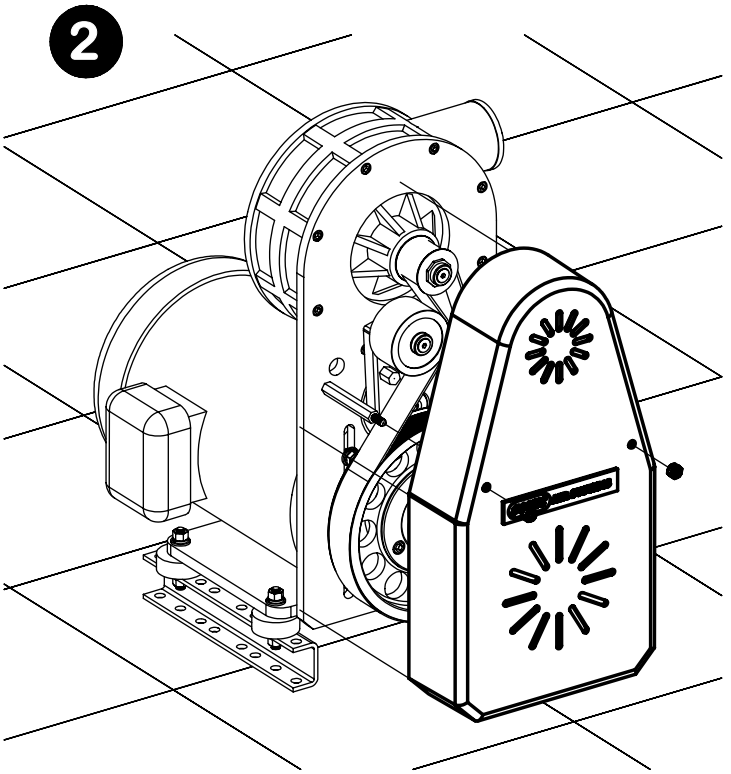
1. **ALWAYS** use qualified electrical and mechanical personnel for installation and maintenance of Sonic air blowers.
2. **ALWAYS** disconnect the electrical power at the motor starter, fuse box, or circuit breaker before working on the blower / motor.
3. **ALWAYS** use proper electrical installation, wiring, and controls consistent with local and national electrical codes. A lockable isolation switch should be provided.
4. Refer to the motor nameplate data for the proper power supply requirements. Be sure the junction box connections are tight and well insulated to prevent shorts and to assure maximum protection against moisture.

Mechanical

1. **NEVER** run the Sonic air blower without the belt guard installed.
2. **NEVER** run the Sonic air blower with the outlet open to atmosphere as this can cause the motor to overload.
3. **NEVER** run the Sonic air blower with the inlet open to atmosphere. Always connect your system piping, Sonic inlet filter, or Sonic Inlet safety screen to the blower inlet to prevent personal injury or damage to the blower.
4. Keep tools, clothing and hands away from rotating or moving parts while the unit is running.
5. Use safety glasses when working around the blower / motor and / or air knife assembly while the system is running.
6. Always use proper lifting techniques and equipment.
7. Observe good safety habits at all times and use care to avoid injury to personnel and damage to the equipment.

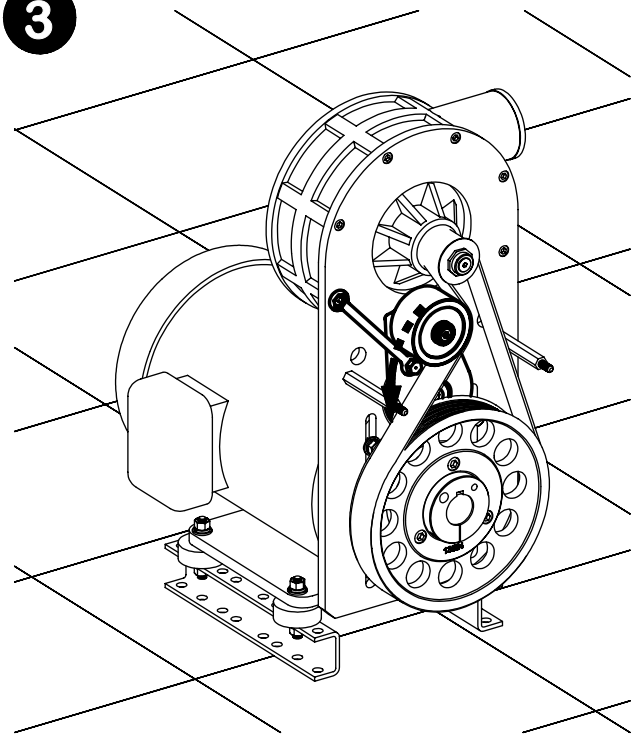


Start Of Process



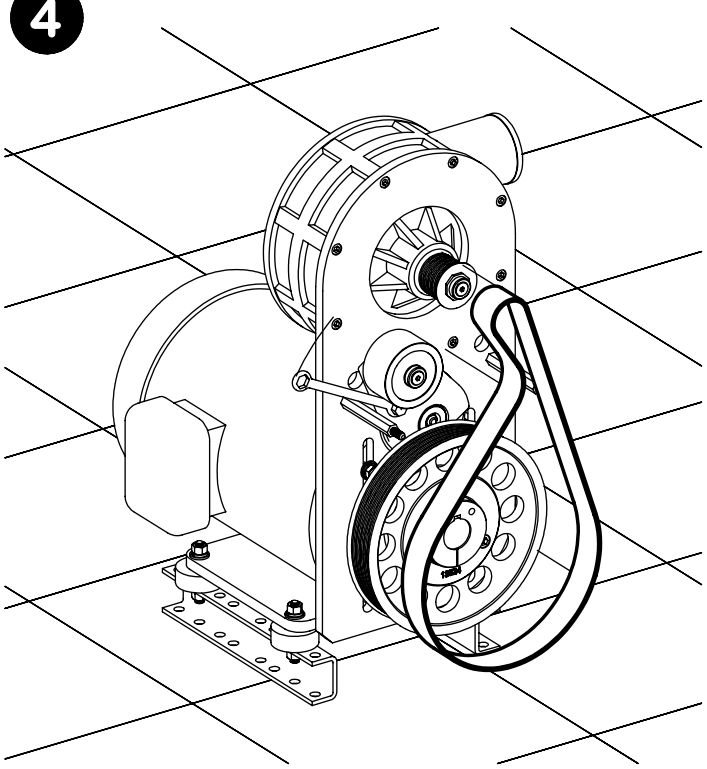
Remove Belt Guard

3



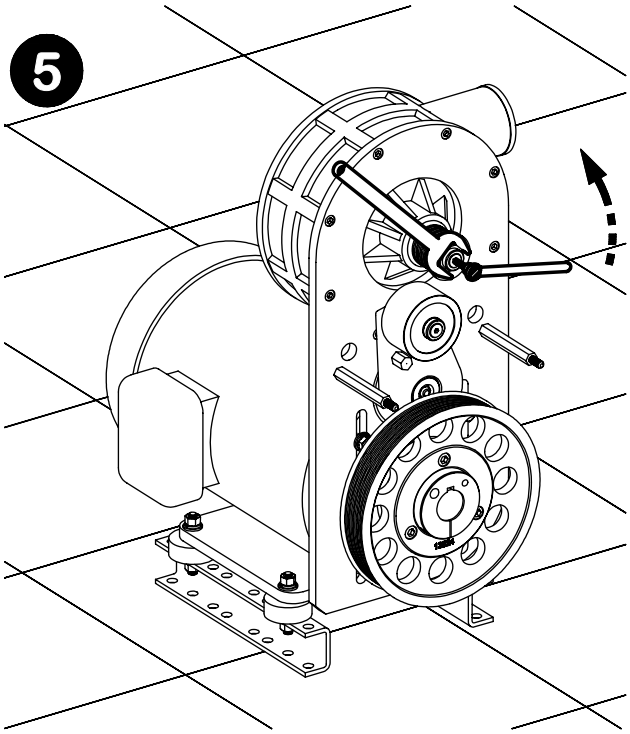
Pull Back Belt Tensioner

4



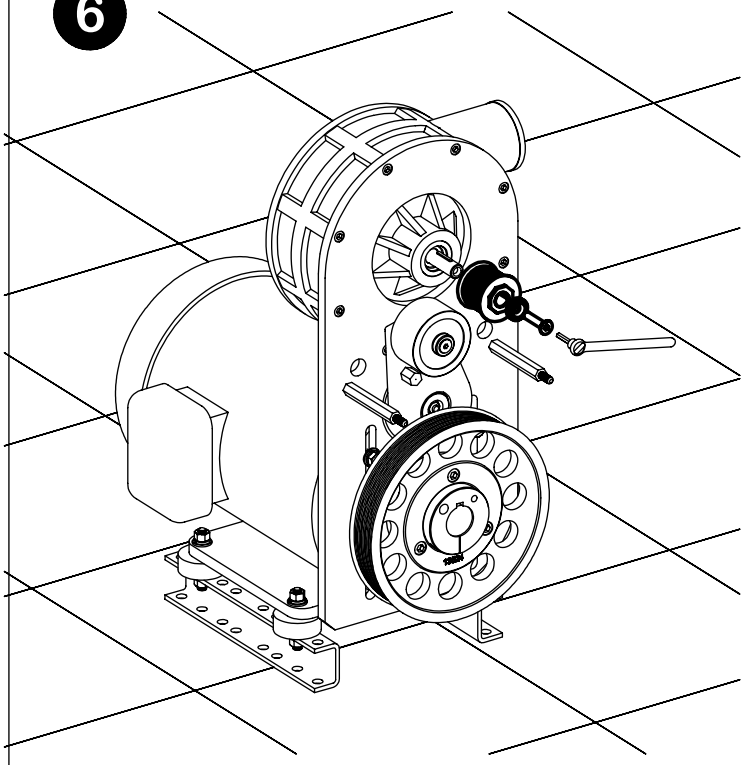
Remove Belt

5



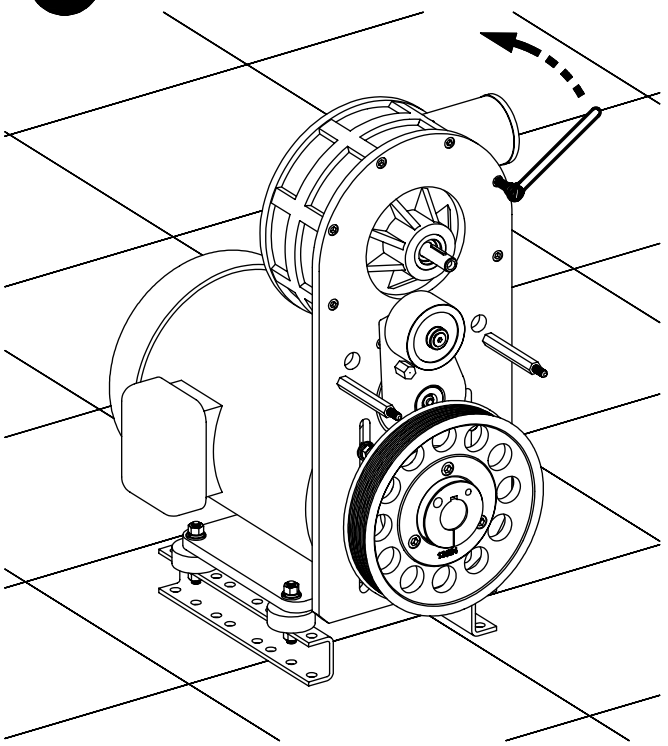
Loosen Pulley Hex Screw

6



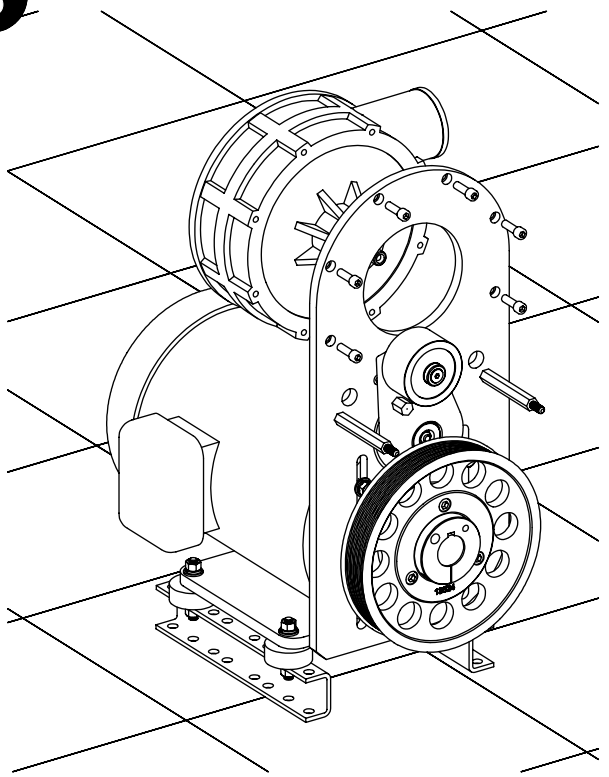
Remove Pulley

7



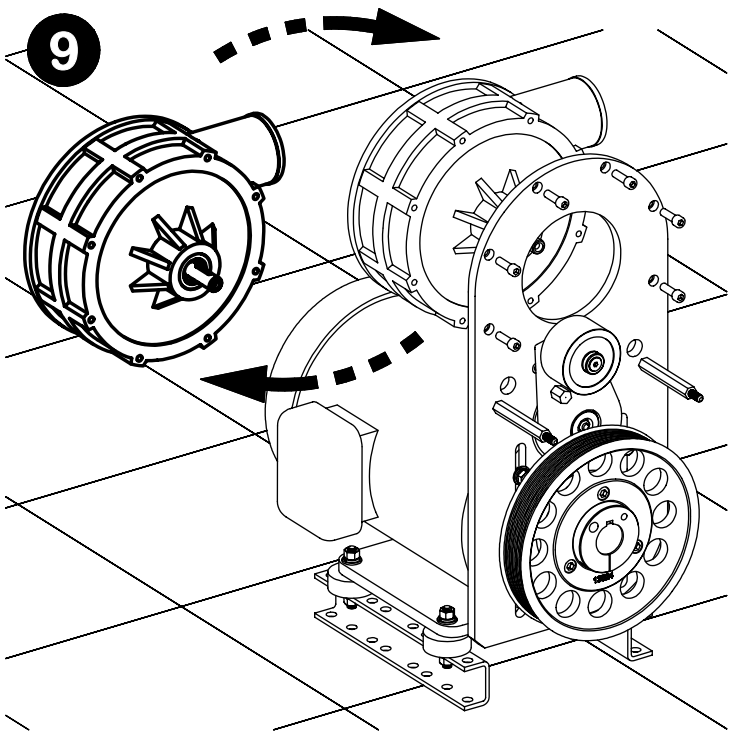
Loosen Eight Hex Screws

8



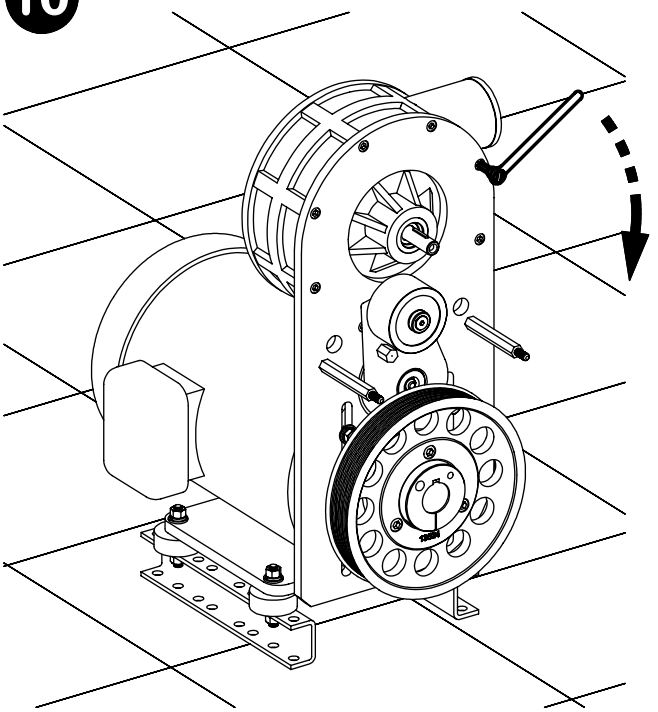
Remove Old Blower Head

9



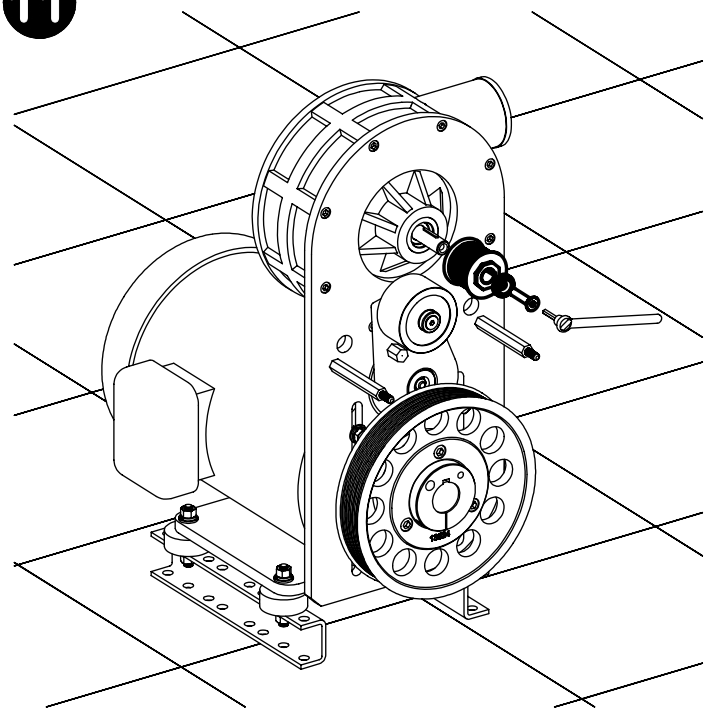
Install New Blower Head.
Return Old Blower Head To *Sonic*

10



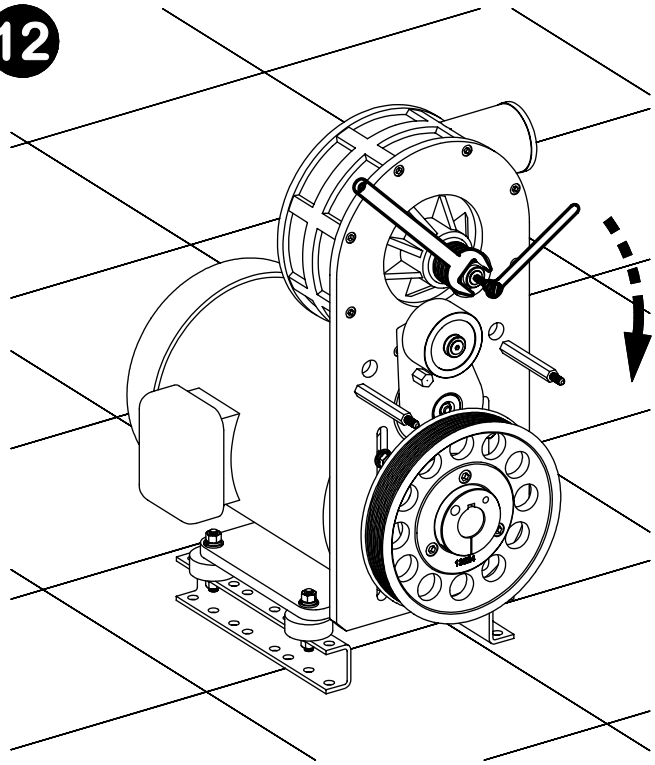
Tighten Eight Hex Screws

11



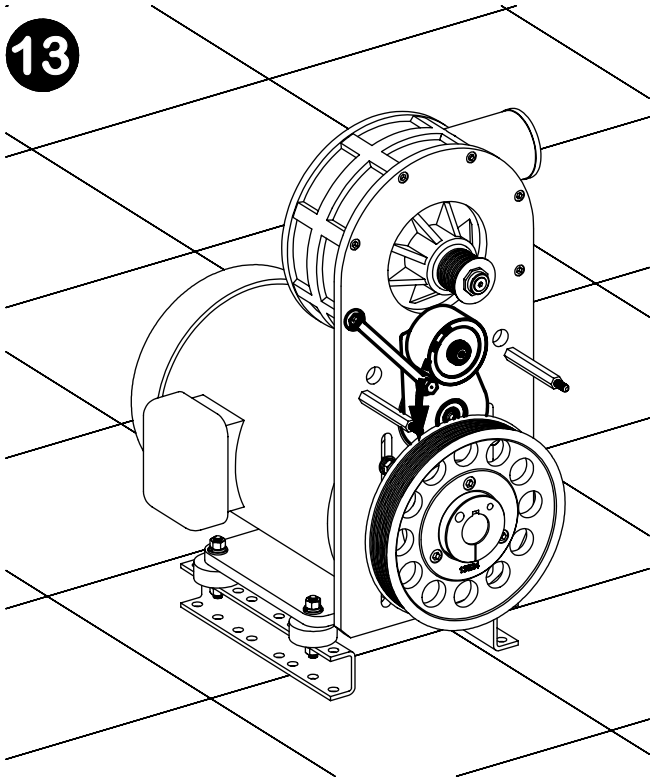
Reinstall Pulley

12



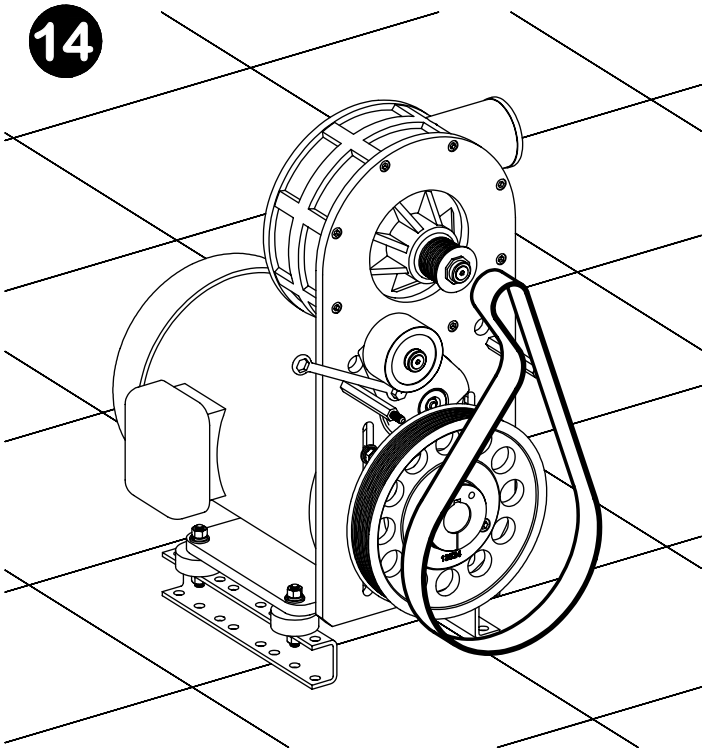
Tighten Pulley Hex Screw

13



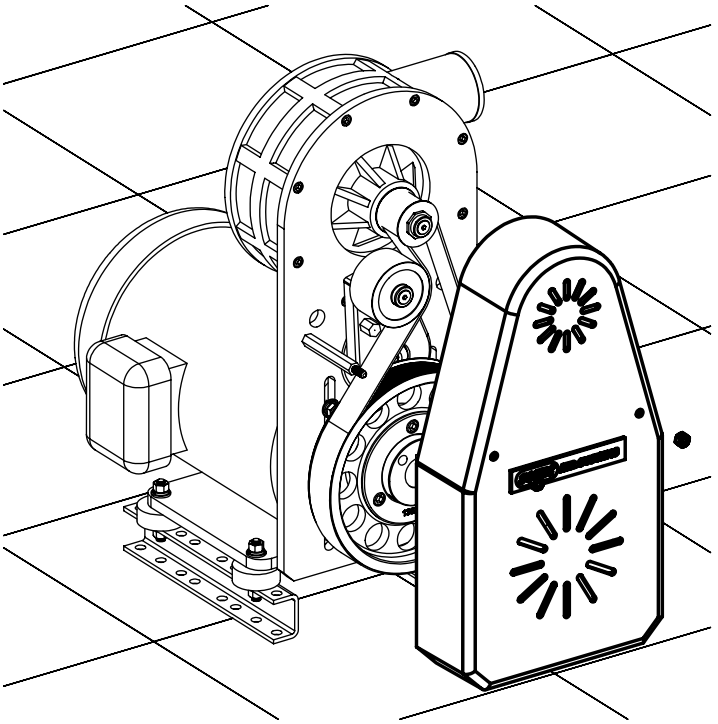
Pull Back Belt Tensioner

14



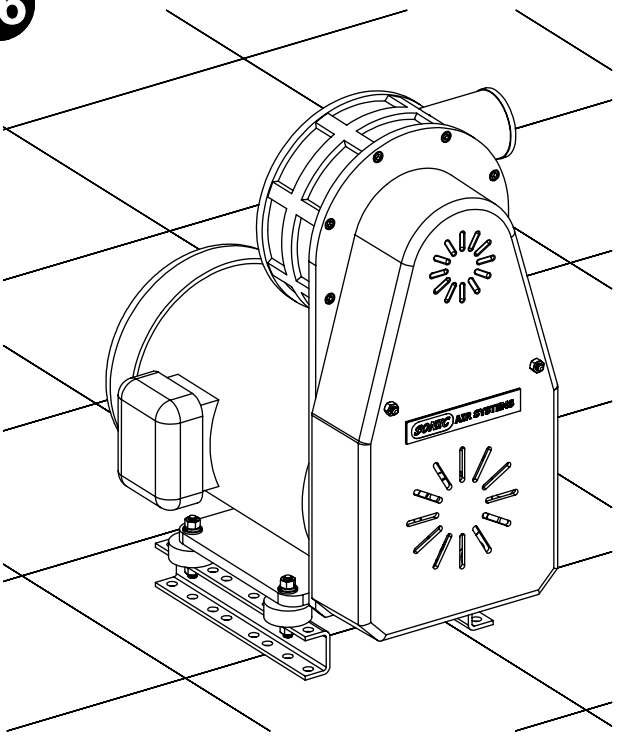
Reinstall Belt

15



Reinstall Belt Guard

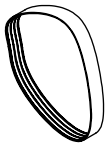
16



End Of Process

Accessories & Replacement Parts

www.sonicairsystems.com



Sonic Drive Belts



Air Filters / Silencers



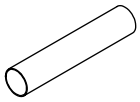
Replacement Air Filters



Flex Hose



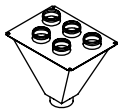
Tube Couplings & Hose Clamps



Tubing



Elbows



Manifolds



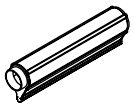
Y-Branches



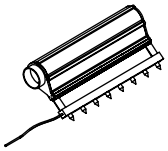
Reducers



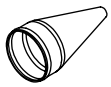
Valves



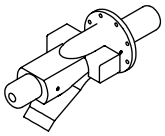
Air Knives



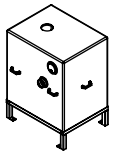
Static Neutralizing Bars



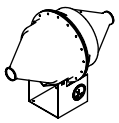
Nozzles



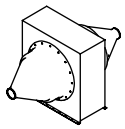
Sonic Air Wipes



Acoustical Enclosures



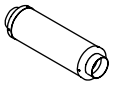
In-Line HEPA Filters



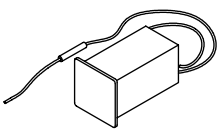
In-Line Sonic Air Coolers



Pressure Guages



Outlet Silencers



Blower Thermocouples / Fail Safe Monitors