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MODEL T34590 4" MAGNETIC FLOOR SWEEP 16-PCS KIT INSTRUCTIONS

Introduction

After the T34590 Kit is installed on a 400 CFM or greater dust collection system, the magnetic hose connection feature makes nozzle and scoop connection quick and easy. The blast gate opens and closes the dust collection system, and wall mounting clamps allow for system storage out of the way of the work area.

Identification & Inventory

Refer to **Figure 1** and the list below for item quantities, identification, and functions.

- A. Clear Pipes:** Connect floor scoop to dust hose and dust collection system.
- B. 4" Hose Clamps:** Fasten flex hose to rigid dust collection ports.
- C. Magnetic Dust Hose Flange:** Connect flex hose flange to magnetic blast gate or rubber-sleeve flange port. Additional magnetic dust hose flanges (T34598) are available through www.grizzly.com.
- D. Rubber-Sleeve Flange Port:** Rubber sleeve on flange connects to irregular sized 4" machine dust ports or rigid pipe.
- E. Magnetic Blast Gate:** Open/close dust collection system at pipe or machine dust port. Additional magnetic blast gates (T34586) are available through www.grizzly.com.
- F. Clamping Handle:** Provides handheld functionality for scoop and nozzle assemblies.
- G. Wall Mounting Clamps:** Secure dust scoop and nozzle assemblies to wall.

- H. Brush Nozzle:** Provides a convenient way to clean chips and dust from machines.
- I. Floor Scoop:** A wide suction scoop for collecting chips and dust from floor.
- J. Straight Adapter:** Connects two 4" dust collection pipes.

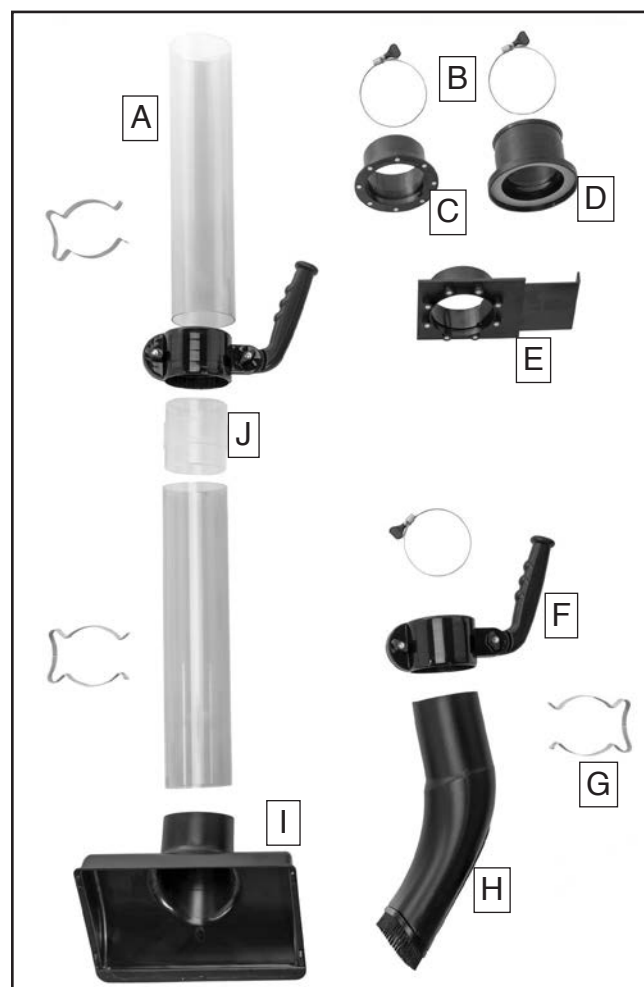
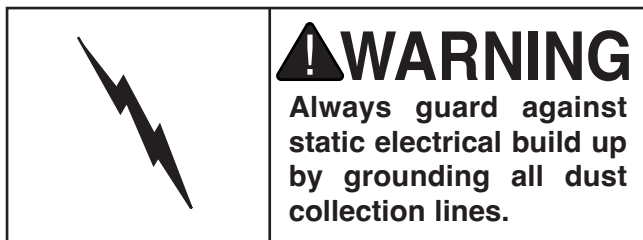


Figure 1. Identification and Inventory.

Installation

Before buying or cutting any pipes or flex hoses on your existing dust collection system, review the port connections shown in the following figures. Keep in mind that the term *4" Dust Collection Fitting* is a generalized term. Port, pipe, and flex hose ID/OD differ by several millimeters, and not all fittings can be connected together.

We also advise purchasing the **W1050 - Dust Collection Basics Book**. The guidance prevents redoing a dust collection system modification because it does not work as it should. The easy-to-read guide skillfully uses carefully illustrated text and figures to guide you through all steps needed to plan, create, or modify a dust collection system for years of safe and efficient operation.



IMPORTANT: Before installing any components, if not already done so, we highly recommend installing the **W1053 Grounding Kit**. Dust collection systems, especially plastic, build up static electricity. If not grounded, a static spark can ignite sawdust, causing explosion and fire. This grounding kit provides everything you need to ground a dust collection system, including directions for installation. A large system may need more than one kit. The kit includes 50' of bare copper wire, electrical connectors, grounding screws, terminal ends, and instructions.

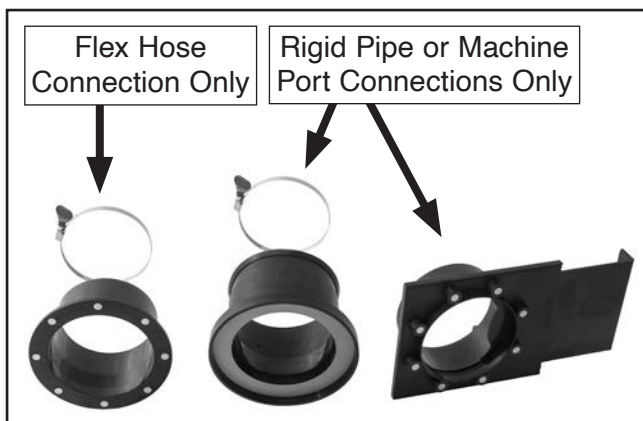


Figure 2. Flex hose and rigid pipe connections.

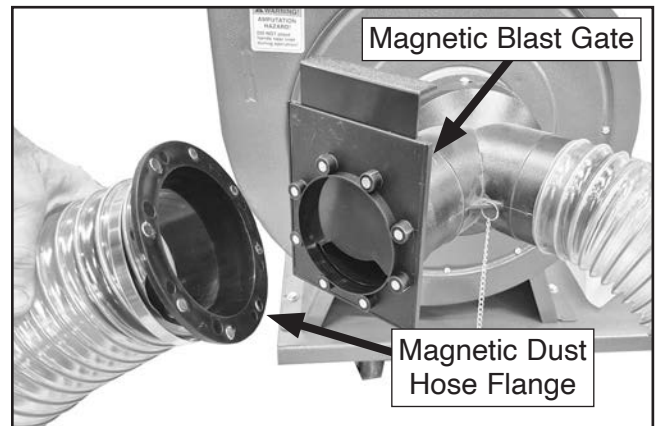


Figure 3. Branch "Y" connection.

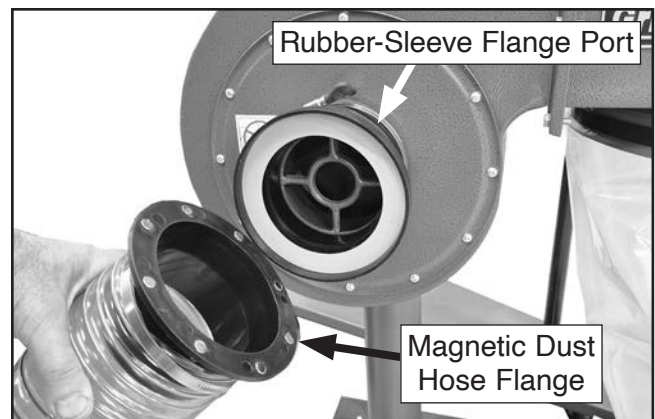


Figure 4. Direct machine connection.



Figure 5. Assembled floor scoop and nozzle.

