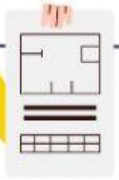
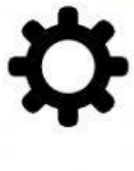
Name: Code class:

Date:

Manual's sections

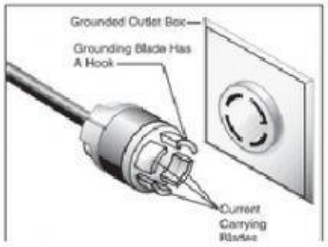
In this activity you must read each fragment of the sections of an instruction manual and slide each section name with its corresponding image.





Power Connection Device

The power connection device depends on the type of installed or planned service. We recommend using one of the devices shown in **Figure 5**, depending on the voltage being used.



G9849—Magnetic Base/Dial Indicator Combo

Precision measurements and setups have never been so easy. Magnetic base engages with just the turn of a switch and allows pinpoint adjustment. The dial indicator features 0–1" travel and has a resolution of 0.001". This fine set includes a molded case for protection and convenience.

Section 1 - Introduction

Section 2 - Safety

Section 3 - circuit requirements

Section 4 - Setup

Section 5 - Operations

Section 6 - Maintenance

Section 7 - Accessories

Section 8 - Services

Section 9 - Wiring

Section 10 - Parts

Functional Overview

The Model G0670 is a 16" X 40" High Precision Electrical Variable Speed Lathe that has a pressurized headstock oiling system. The electrical and mechanical controls allow for complete spindle speed control from 20 to 2500 RPM. Merely shift one lever to high or low range, and then just turn the spindle speed dial to your needed RPM.

This lathe is also equipped with a CSS (Constant Surface Speed) system that gives consistent finishes between surfaces with different diameters. During facing operations, as the tool bit moves toward the center of the workpiece, the spindle speed increases to maintain a constant surface speed during cutting as diameter decreases.

ALWAYS USE HEARING PROTECTION WHEN OPERATING MACHINERY. Machinery noise can cause permanent hearing loss.

WEAR PROPER APPAREL. DO NOT wear loose clothing, gloves, neckties, rings, or jewelry that can catch in moving parts. Wear protective hair covering to contain long hair and wear non-slip footwear.

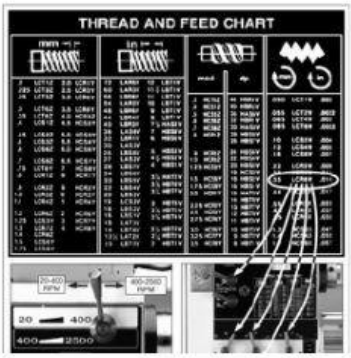
NEVER OPERATE MACHINERY WHEN TIRED OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL. Be mentally alert at all times when running machinery.

Inventory

In the event that any nonproprietary parts are missing (e.g. a nut or a washer), we would be glad to replace them, or for the sake of expediency, replacements can be obtained at your local hardware store.

After you have inspected your lathe and all the parts have been removed from the crate, you should have the following items:

Major Inventory 1: (Figure 6)	Qty
A. Steady Rest Assembly	1
B. 12" Faceplate w/D1-6 Camlock Stud Set	1
C. Follow Rest Assembly	1



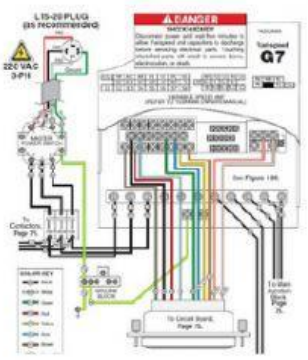
Brake and Switch

As the brake lining wears, the foot pedal develops more travel. If the brake band is not adjusted to compensate for normal wear, the limit switch will still turn the lathe off, but the spindle will not stop as quickly. It is especially important that the brake is kept in adjustment so you can stop the spindle quickly in an emergency.

Tools Needed:	Qty
#2 Phillips Screwdriver	1
6mm Hex Wrench	1

To adjust the brake and brake switch:

1. DISCONNECT LATHE FROM POWER!



To clean the oil pump system:

1. Remove the drain plug (**Figure 103**), and drain the oil from the tank into at least a 3-gallon drain pan.
2. Using a 4mm hex wrench, remove the four access cover cap screws (**Figure 104**), and then the cover.

   Note: *The cap screw in the center of the cover acts as a handle to lift the plate and does not need to be removed.*
3. Put on safety glasses. Using mineral spirits and rags, clean out the tank, and use the blow gun to dry the inside of the tank.

   Note: *Do not remove the suction screen at*

Gearbox (Change Gear System)