

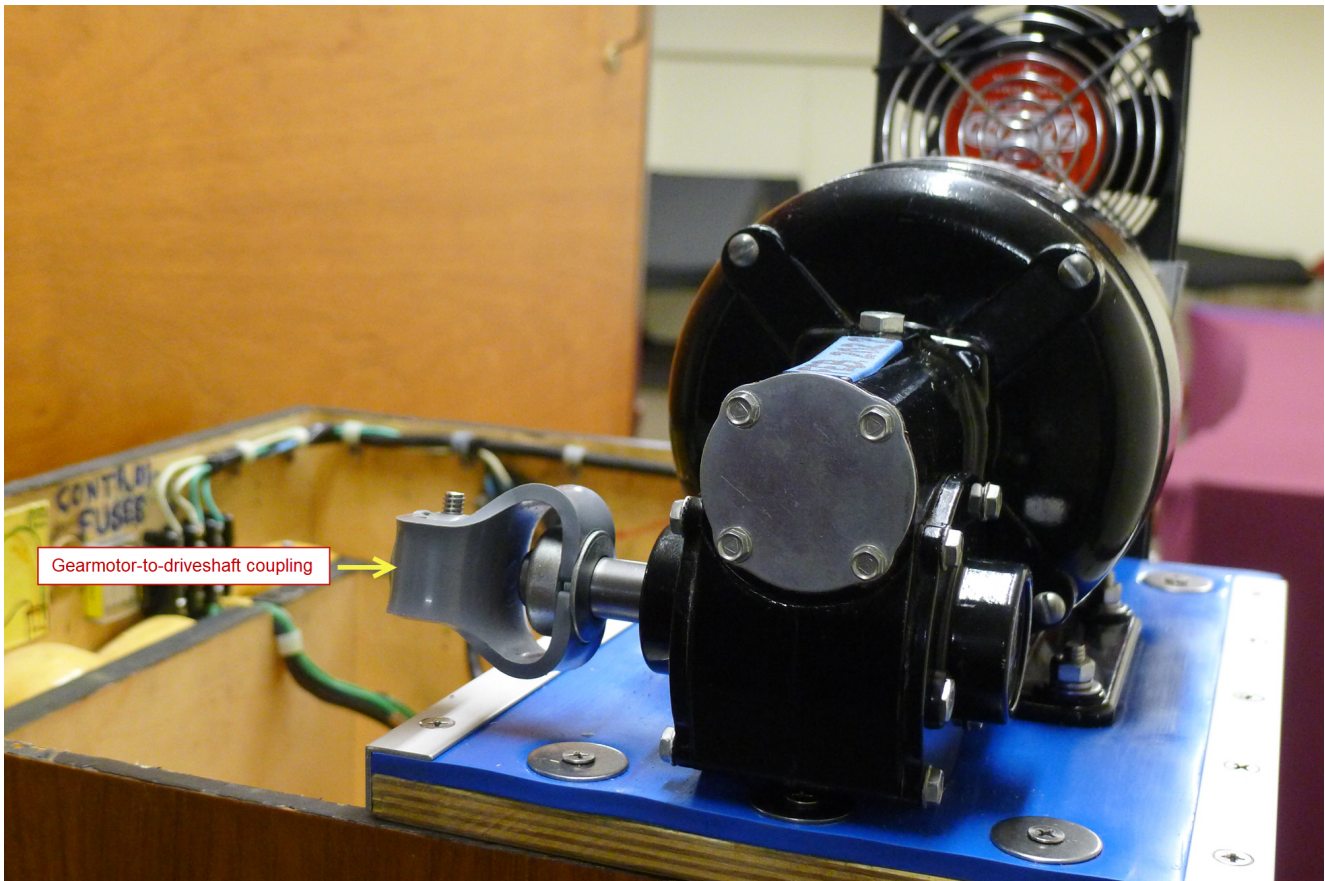
Glassdance Manual #2

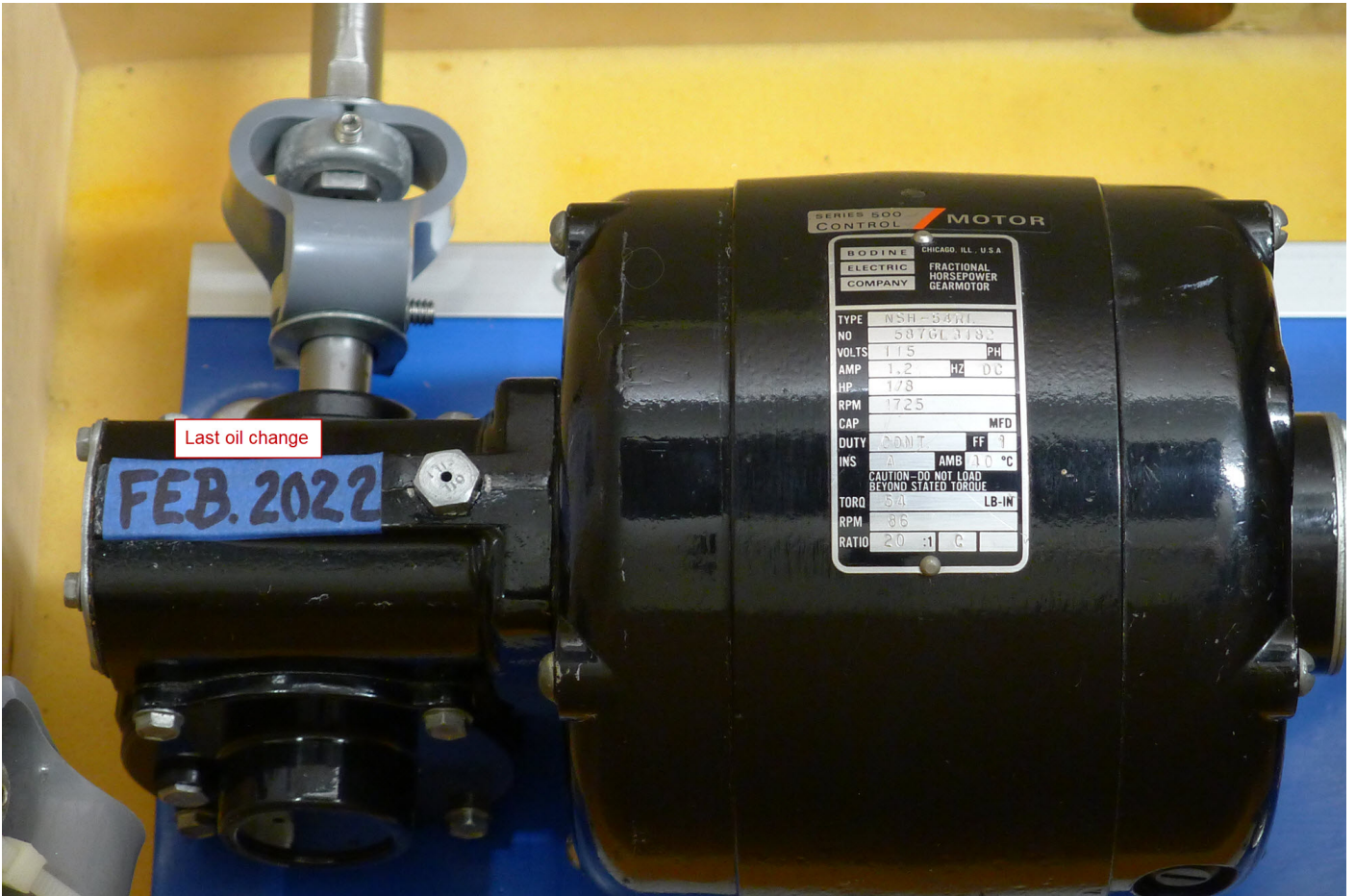
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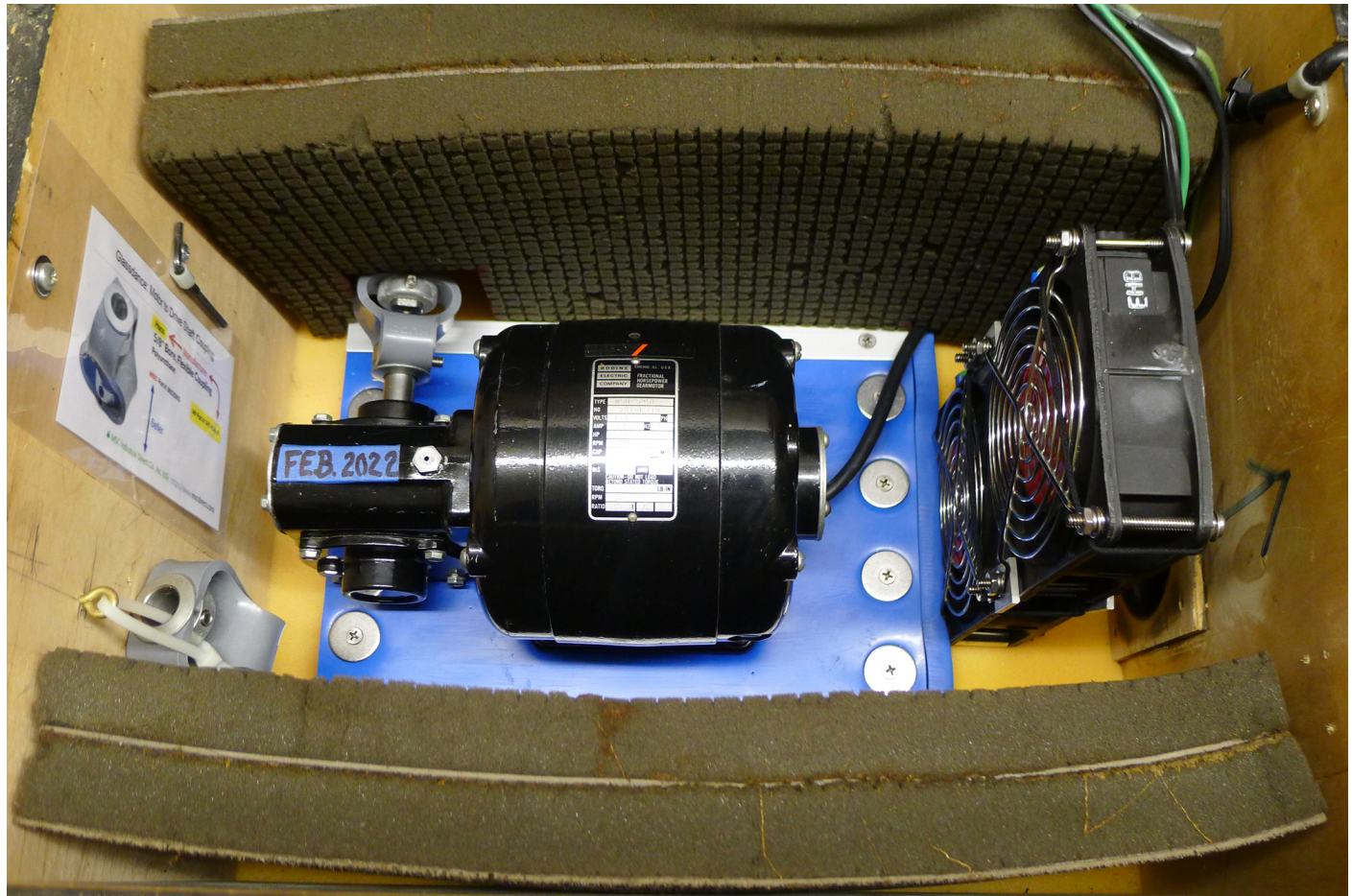
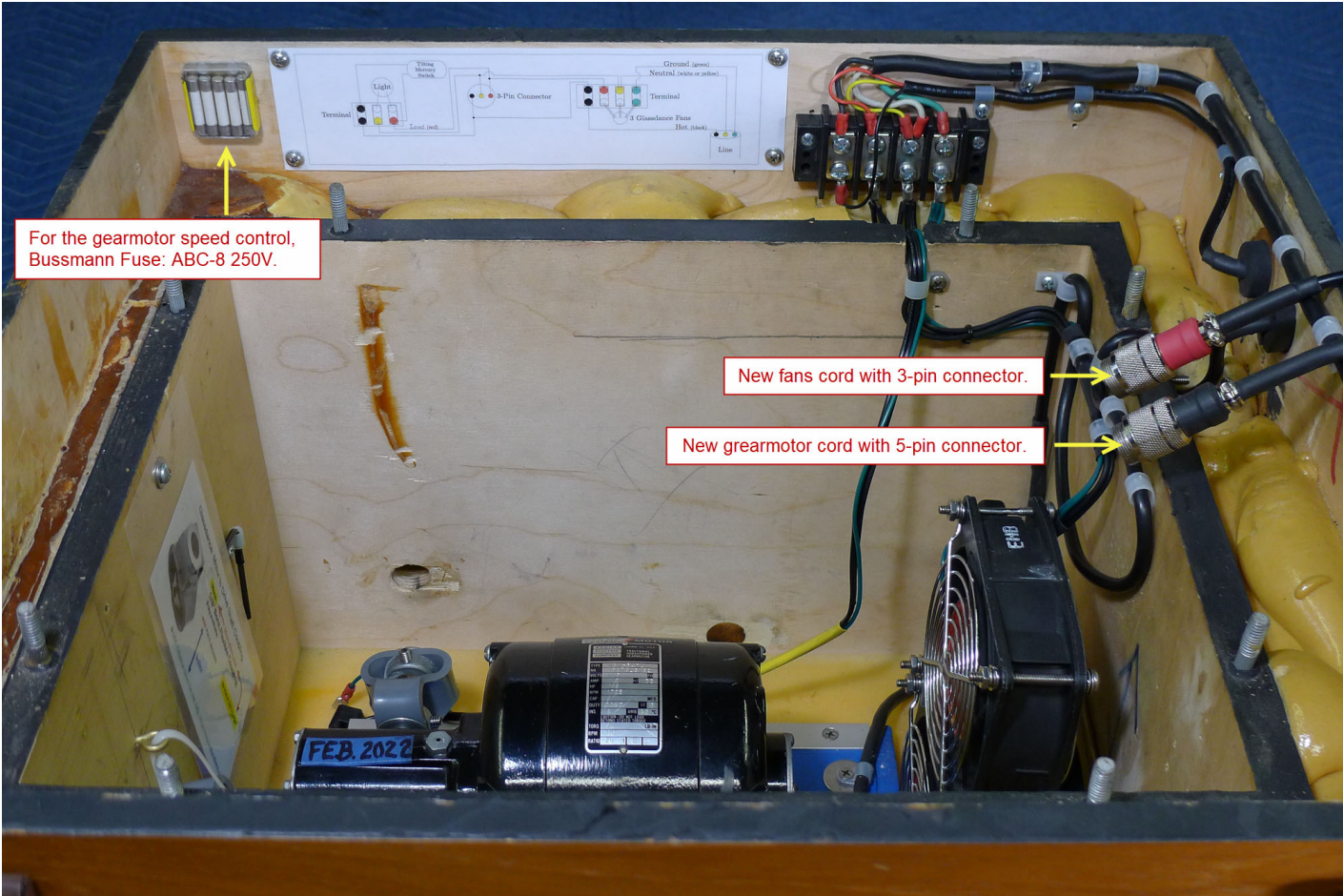
Right Angle Gearmotor, Bodine Electric Company, Old Model No. 587.

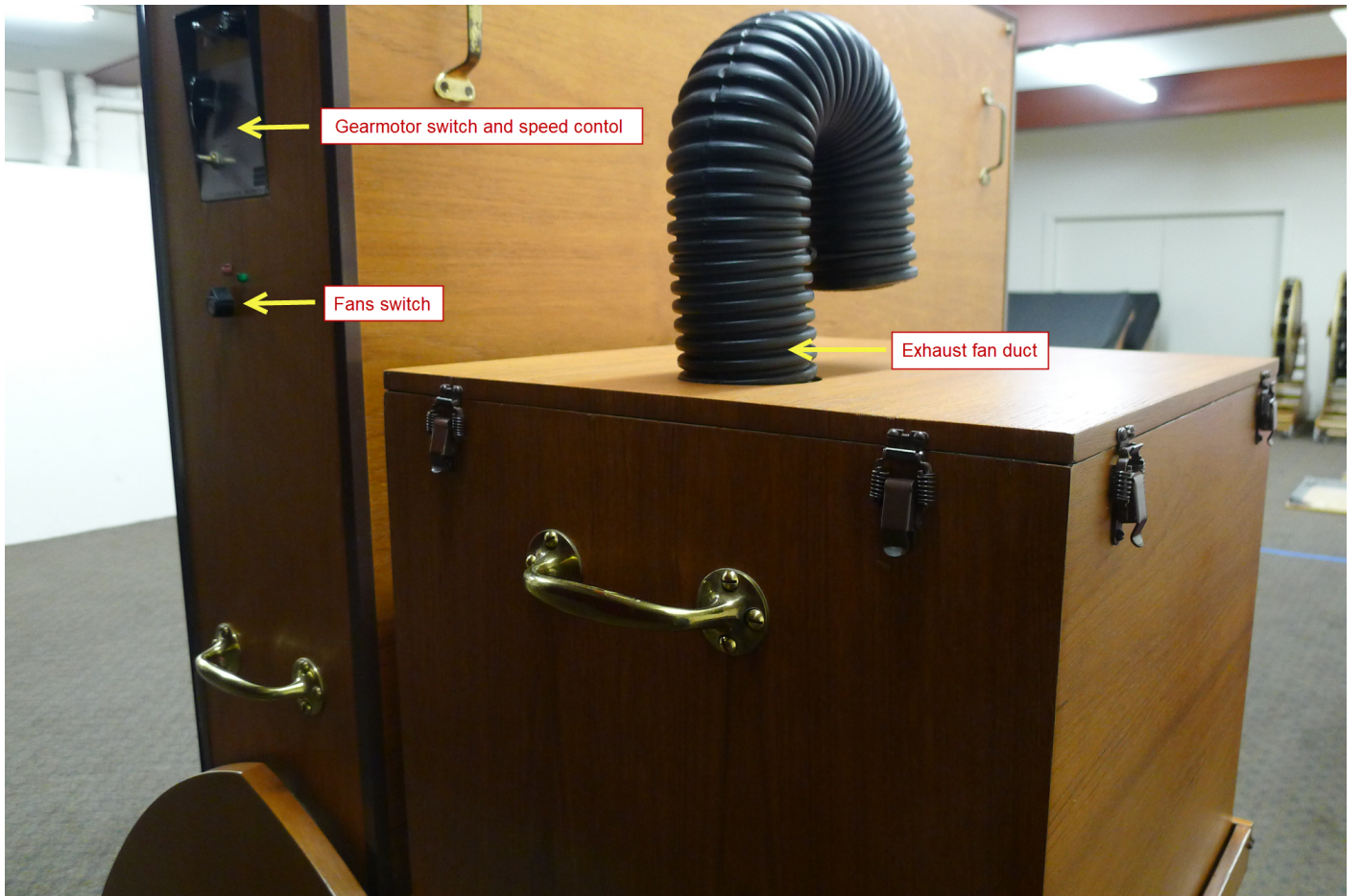
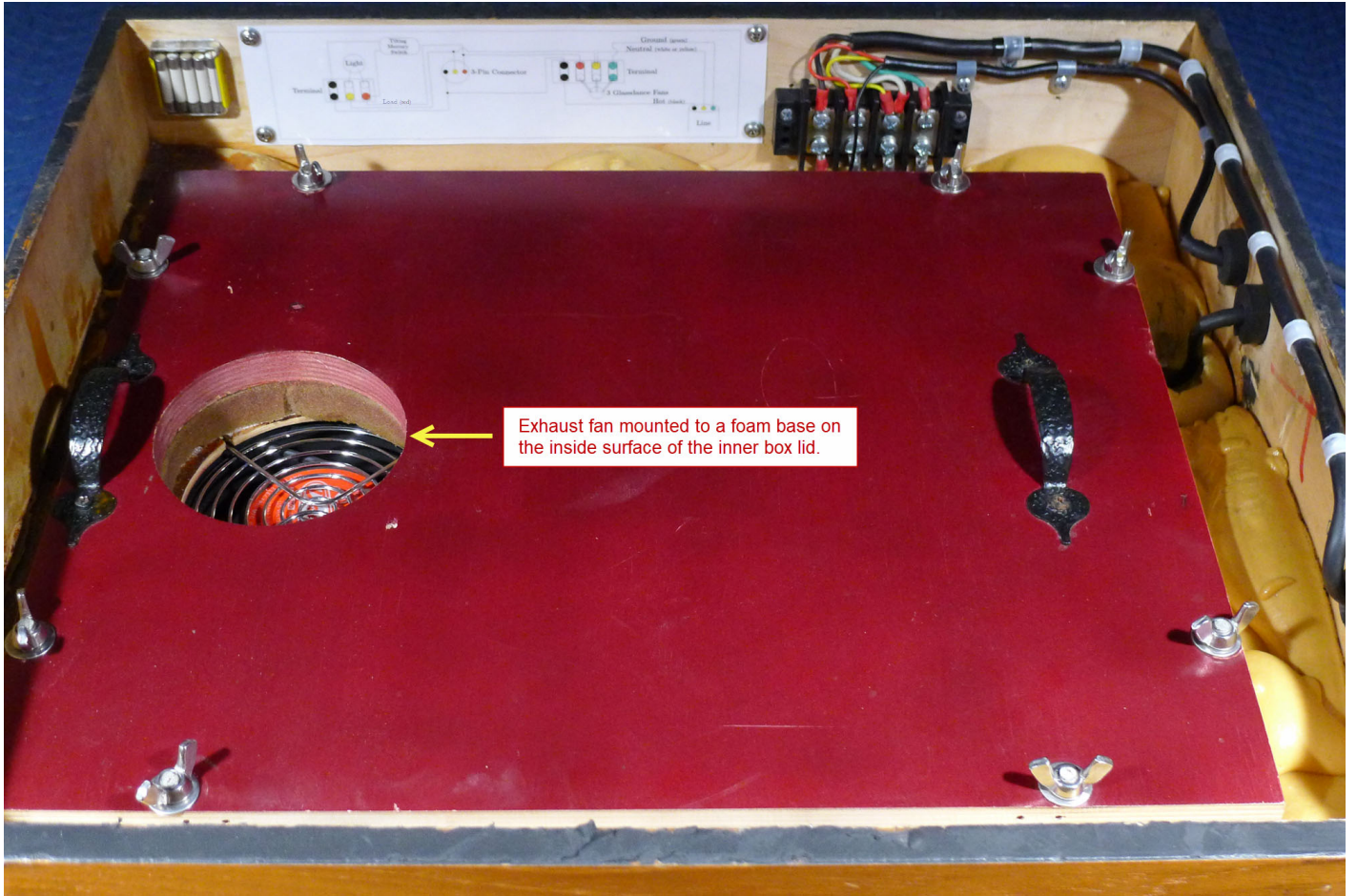
Gearmotor Speed Control, Old Model No. 906.

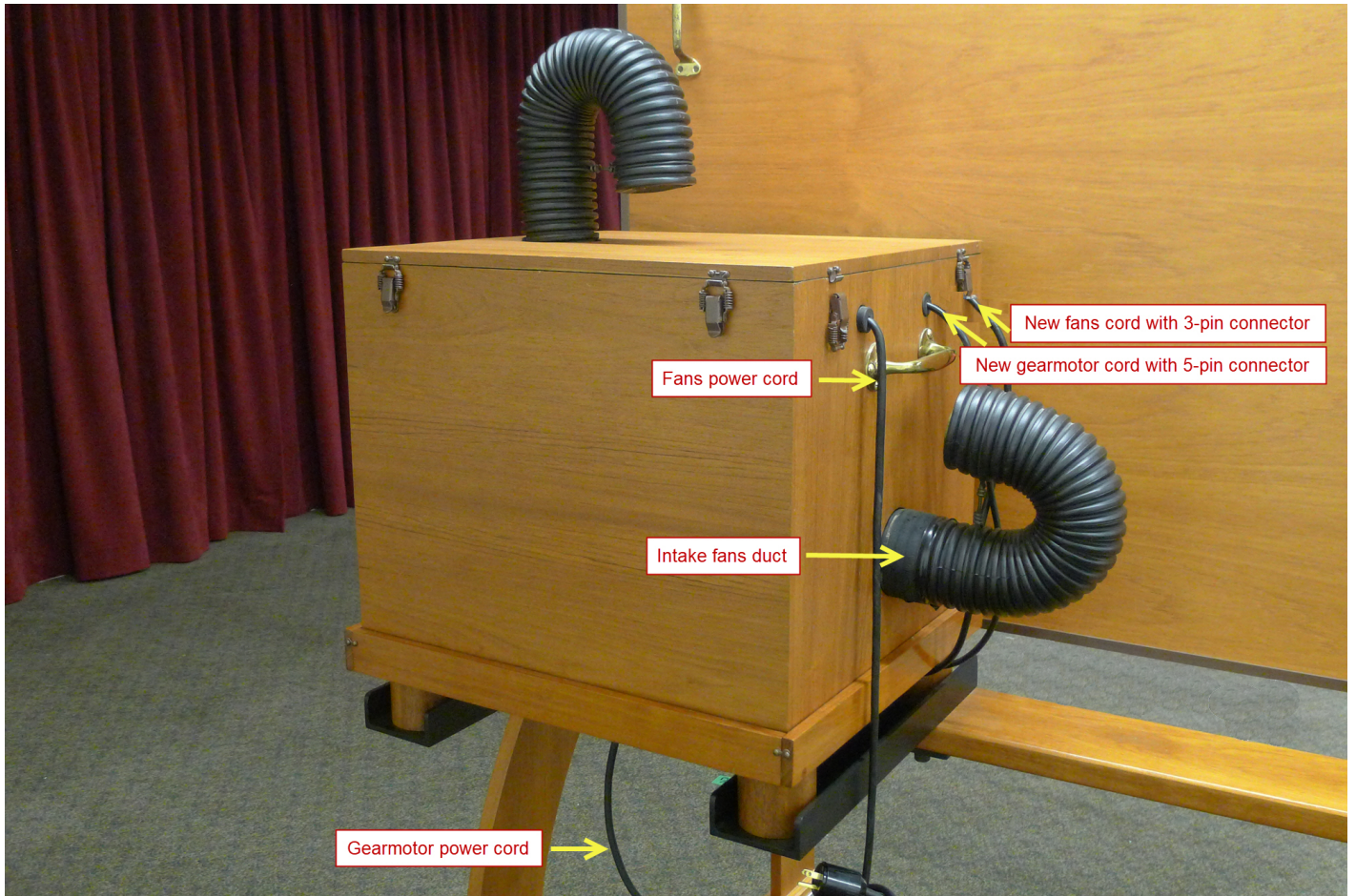
Three Axial Fans, Dayton Electric Manufacturing Co., Old Model No. 4C548.

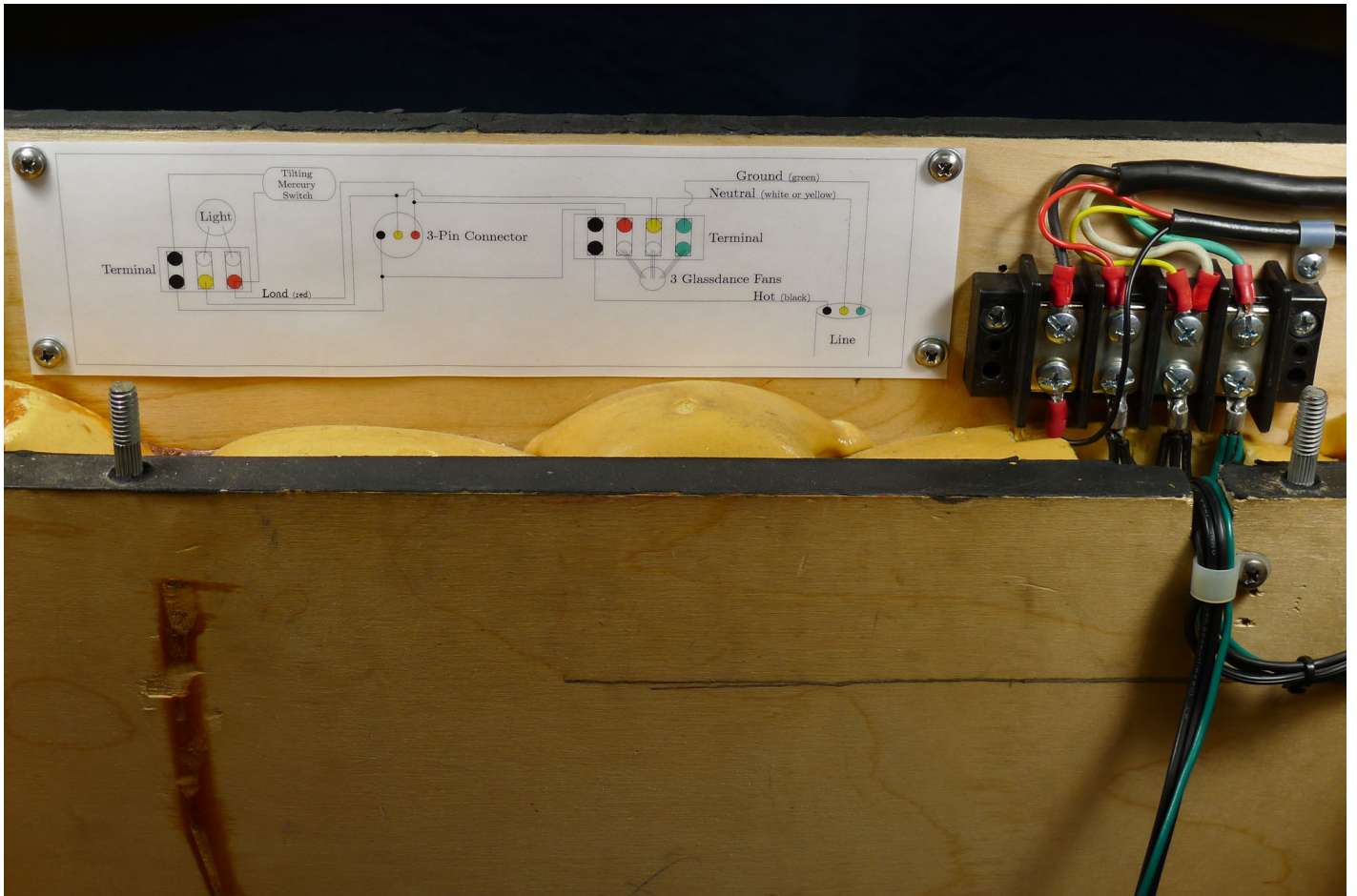
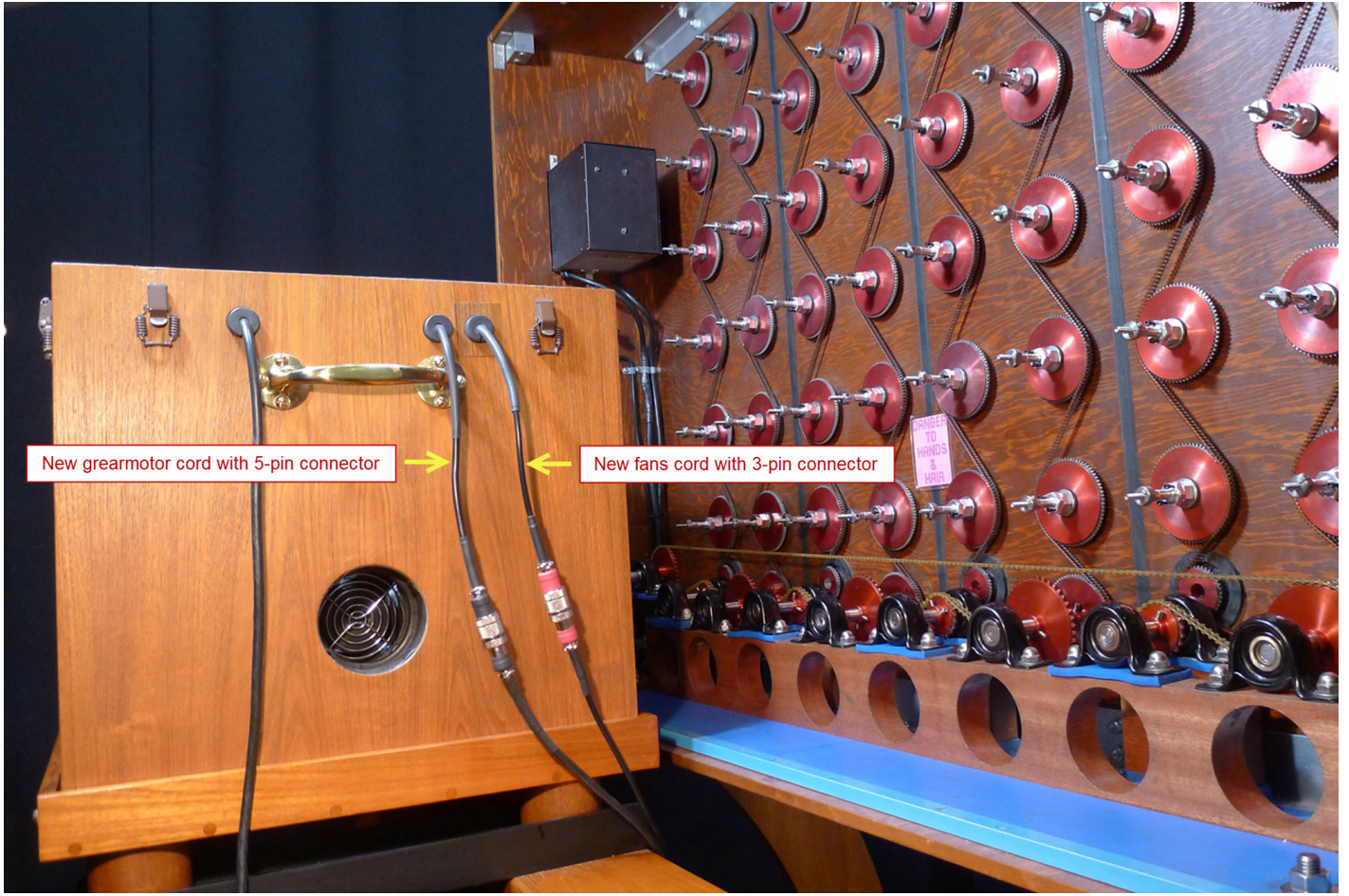


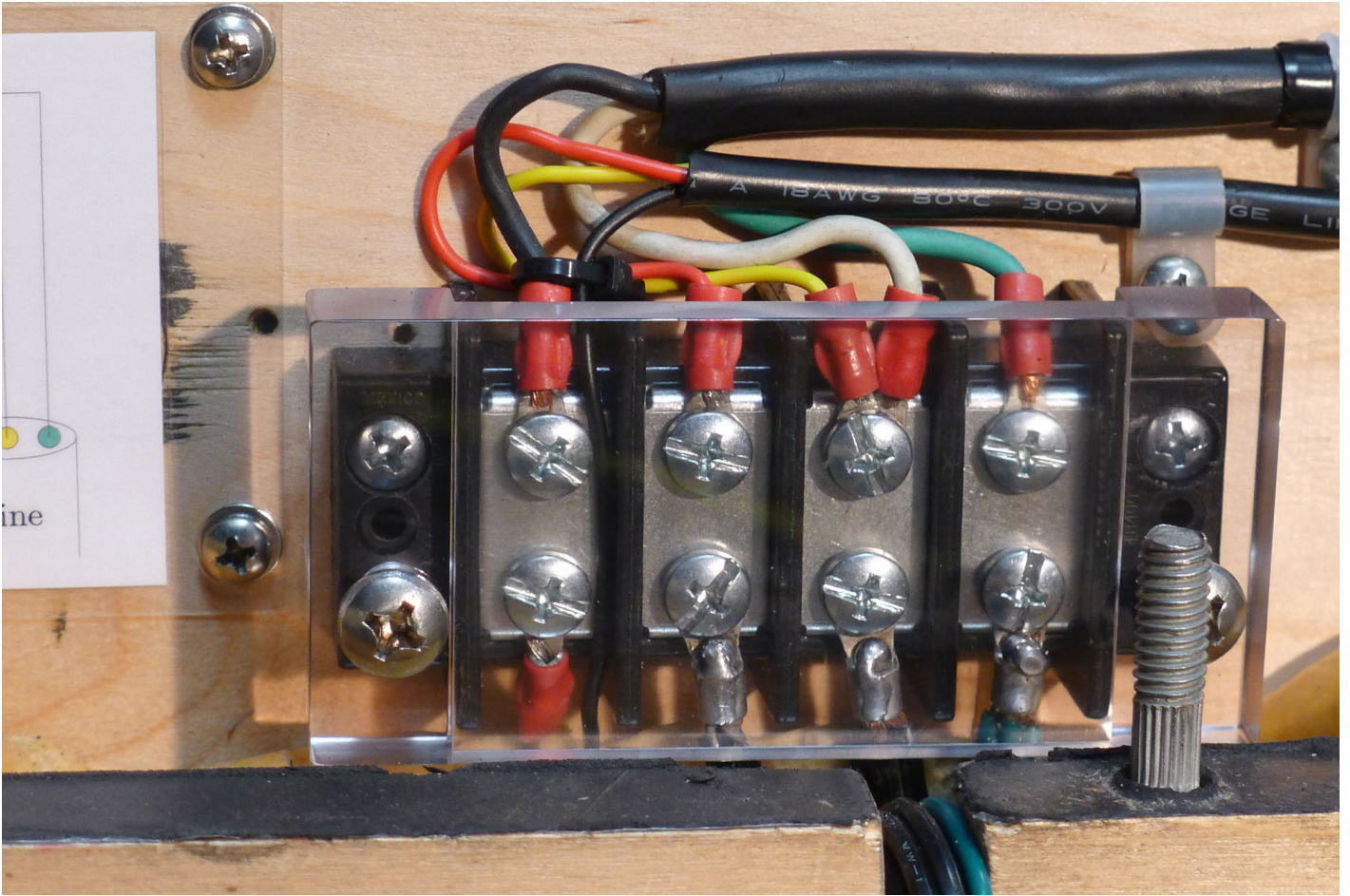




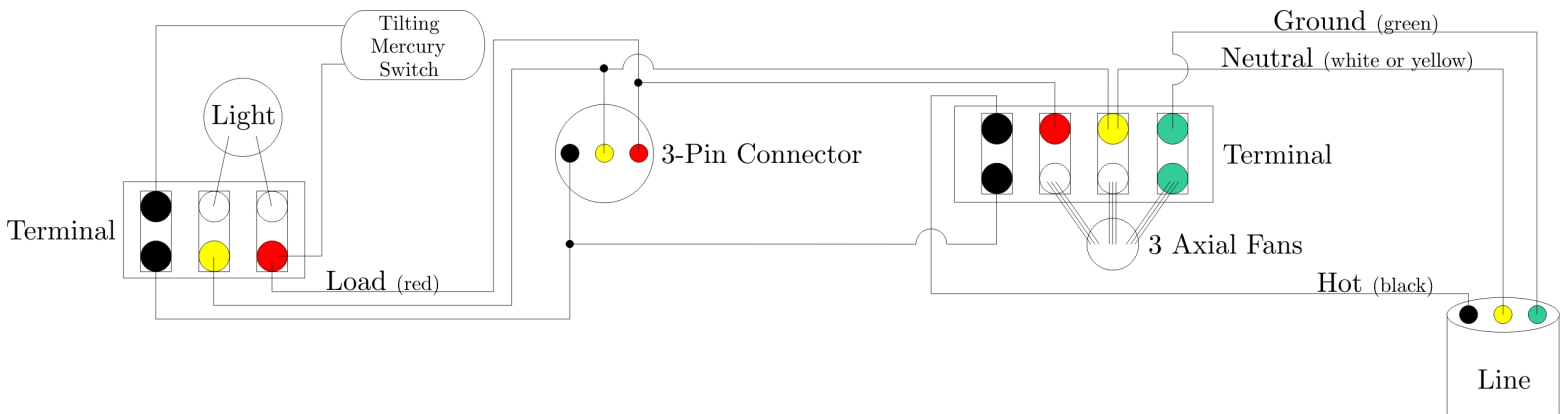








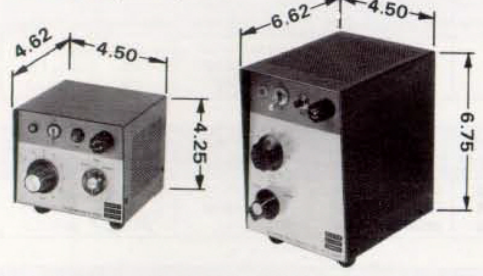
Wiring Diagram for Three Axial Fans That Cool the Glassdance Gearmotor



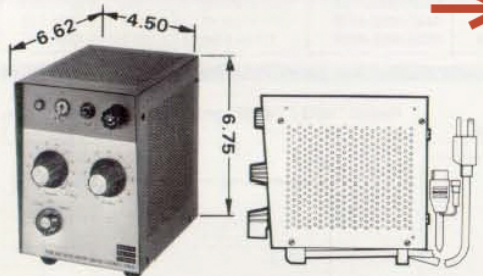
TYPE "ASH/BSH" SHUNT WOUND CONTROLS



Dimensions (inches)

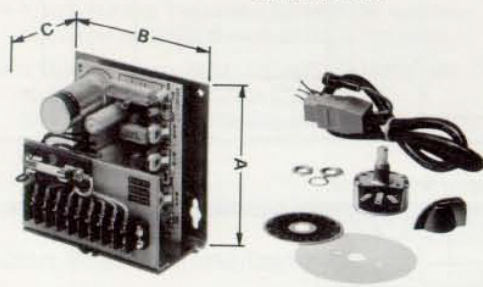


Model No. 901 Model Nos. 903, 906



Model Nos. 905, 907, 914, 915

Diagram illustrates side view and connection cords of ASH and BSH controls.

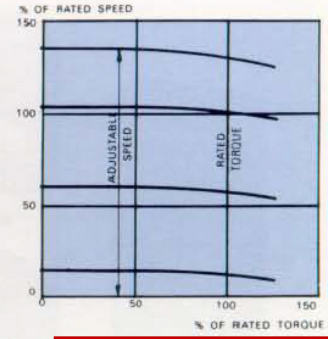


Model Nos. 911, 913, 916

The type BSH and ASH chassis kit controls, in addition to the complete chassis, include a speed control potentiometer with knob and dial plate, and an 18" cable with color coded receptacle at one end. All SH controls are supplied with connection diagram/operating instructions card, and a mounting template.

Basic Speed Range Systems

By means of a single potentiometer, speed can be controlled over a wider range than with comparable controls, and with greater stability over the entire range. Freedom from cogging at low speeds, and exceptionally good regulation are unique features of the Bodine system. Full rated torque is delivered over the basic speed range.



Motor Rating (1725 Rpm) Hp	AC Input Amps	Bodine Type	Model No.	Approx. Ship. Wt. Lbs.
1/50	1.4	BSH-200	901	3-1/2
1/20 & 1/15	3.4	ASH-400	903	4
1/8	4.8	ASH-500	906	4-1/2

ENCASED CONTROLS—Basic Speed

1/50	1.4	BSH-200	901	3-1/2
1/20 & 1/15	3.4	ASH-400	903	4
1/8	4.8	ASH-500	906	4-1/2

Bussmann Fuse: ABC-8 250V

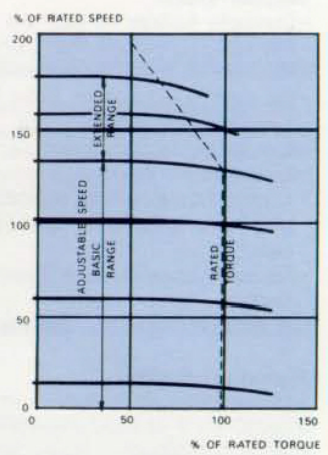
CHASSIS KIT CONTROLS

1/50	1.4	BSH-250	911	2-1/2
1/20 & 1/15	3.4	ASH-450	913	2-3/4
1/8	4.8	ASH-550	916	3-1/2

Basic plus Extended Speed Range Systems

These controls have an extended speed range potentiometer in addition to the basic speed potentiometer. When operating in the basic speed range, the extended range speed potentiometer should be set in the "OFF" or fully CCW position, to provide full rated torque capability and good speed regulation.

Full rated torque is available on a continuous basis over the basic speed range, and full rated horsepower over the extended speed range. Note that the graph shows that if an application requires a particular torque throughout both the basic and the extended speed ranges a drive unit with a torque rating of twice that of the particular torque should be selected.



Motor Rating (1725 Rpm) Hp	AC Input Amps	Bodine Type	Model No.	Approx. Ship. Wt. Lbs.
1/50	1.4	ASH-203	914	4
1/20 & 1/15	3.4	ASH-403	915	4

ENCASED CONTROLS—Basic plus Extended Speed

1/50	1.4	ASH-203	914	4
1/20 & 1/15	3.4	ASH-403	915	4