

## **A22 Distance Encoder Sprocket Shield**

### **Packaging**

14-860225-000

Sprocket Shield Kit

### **Tools Required**

None

### **Safety**



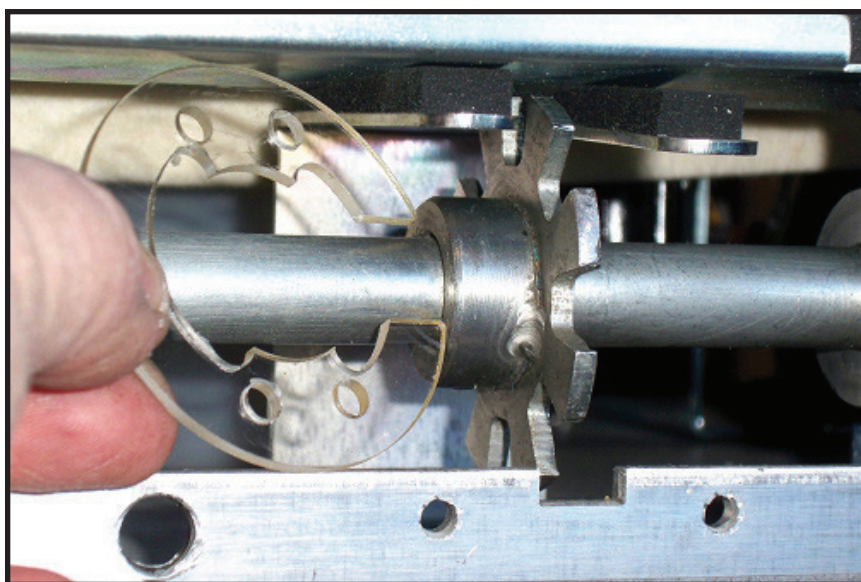
**WARNING!** Always unplug power cord from the machine before servicing or lifting machine into transport position. Never supply power to machine when it is in transport position.



**WARNING!** Brunswick recommends using a partner whenever possible to help with lifting or lowering the machine from the operating position. Take care when lowering this machine into the operating position. Use proper lifting and lowering techniques. Bend at the knees and use a back support, if needed.

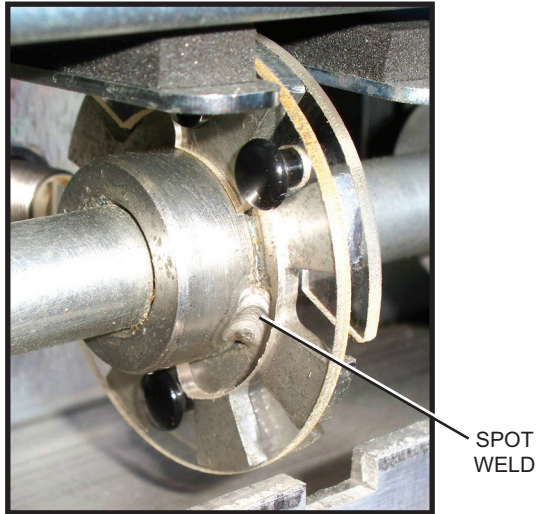
### **Installation**

1. Disconnect the power cord from the Authority 22 lane machine and lift it into the transport position.
2. Place one of the plastic shields on either side of the distance encoder sprocket. Note that the slot in the shield allows easy installation over the shaft. Refer to *Figure 1*.

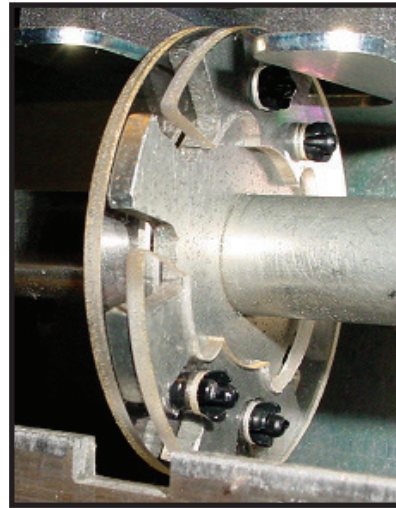


*Figure 1*

3. Refer to *Figures 2 & 3*. Position the two shields as shown, so that:
  - a. The spot weld on the hub is positioned for clearance on the shield's inside diameter.
  - b. The slots for the shaft are 180 degrees apart.
  - c. The holes are aligned so the two shields can be locked together using the plastic snap rivets provided in the kit.

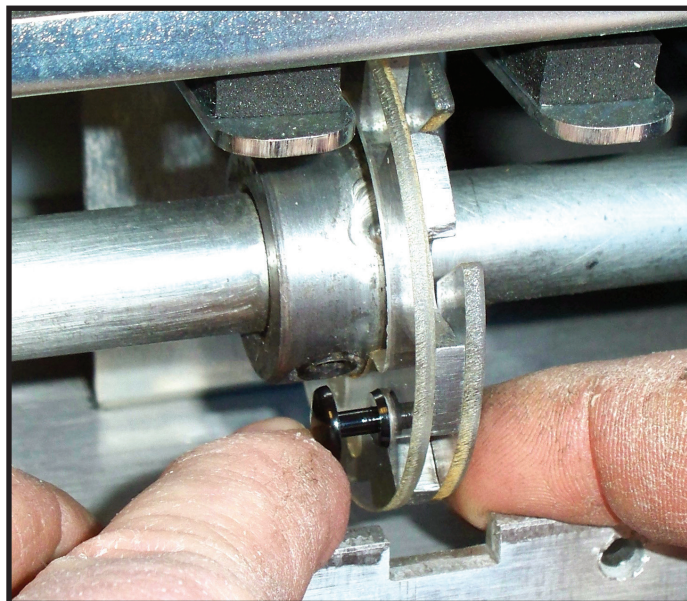


*Figure 2*



*Figure 3*

4. Hold the two shields together as the head of the plastic snap rivets are pressed to expand the end opposite the head, locking the shields together. Refer to *Figure 4*.



*Figure 4*

5. Rotate the rear shaft to make sure that the shields do not contact the end of the distance encoder. The proper gap between the encoder and the sprocket is 1.5 mm +/- 0.5 mm (.060" +/- .020").
6. Lower the machine into operating position and run a few lanes to assure proper operation.