



1302 Jordan Ave
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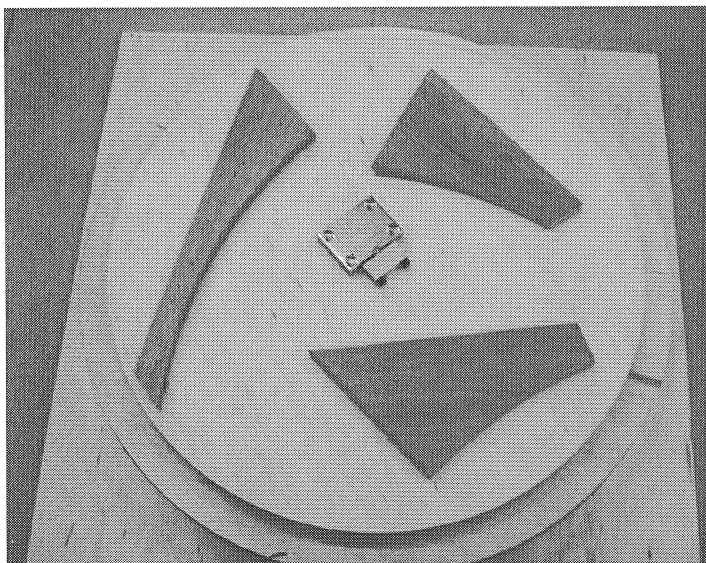
O & S Turntable Basic Instructions using 2 motors and idler box.

8-07

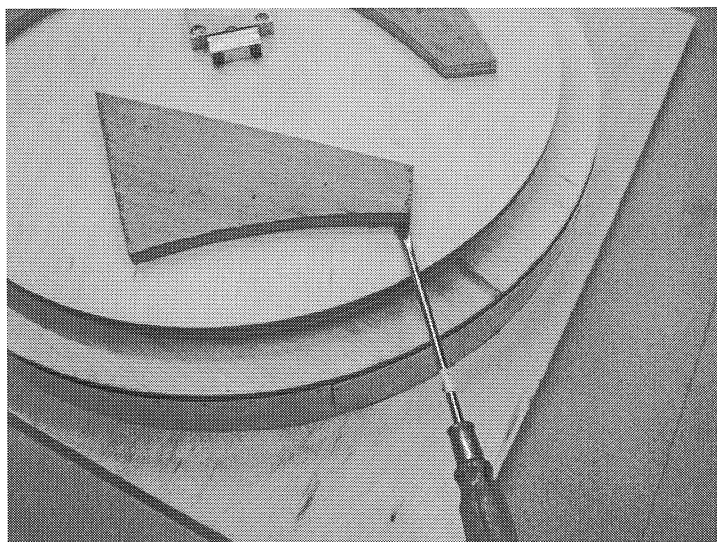
**Do not detail the bridge until you have the turntable installed and operating smoothly!!!!
Only the drive wheel & bridge will have to be removed when detailing.**

These instructions are for 2 drive motors. This setup does not use a center set collar. The bridge rides completely on the end bogies.

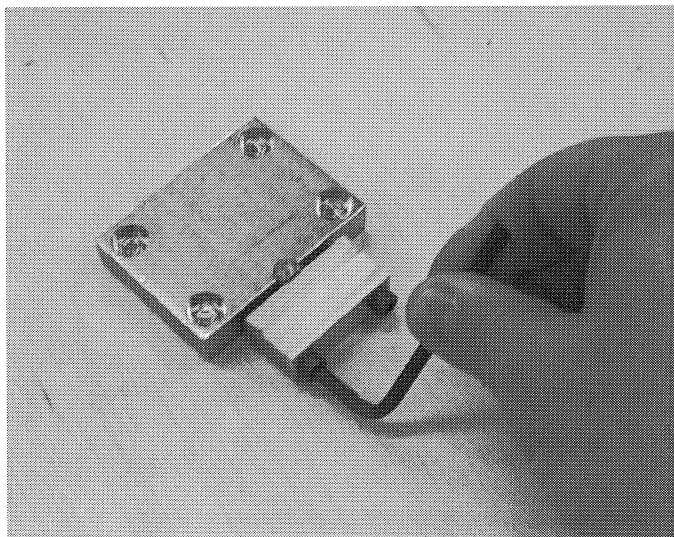
Remove turntable from cardboard box.
Turn turntable upside down on a table



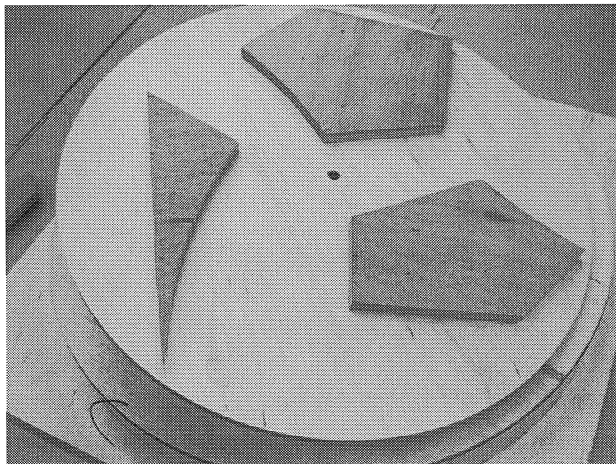
Remove all odd shaped packing blocks with a screw driver from the drive wheel.



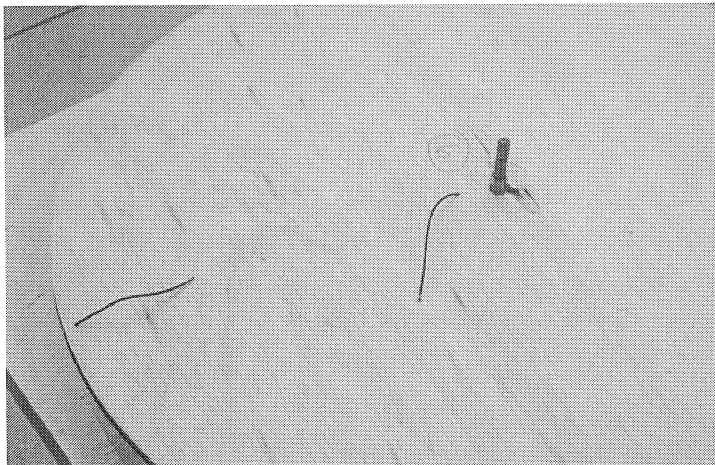
Loosen clamp #79218 with Allen wrench provided.
You only have to loosen the screws 1/2 to 1 turn.



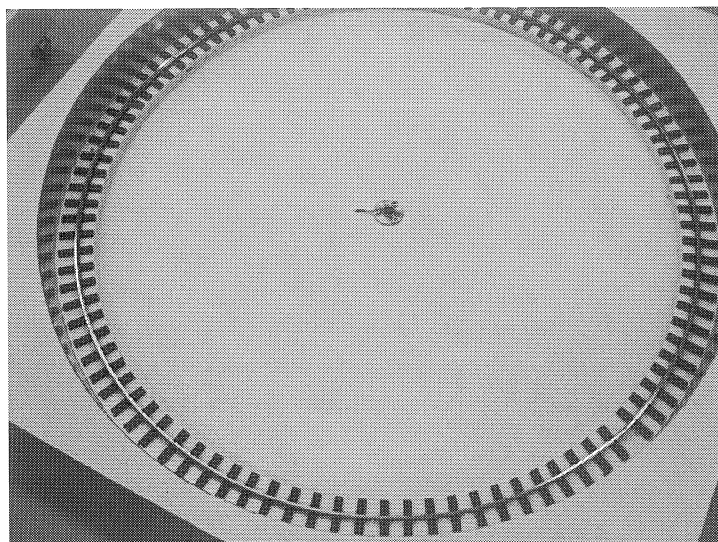
Remove all odd shaped packing blocks with a screw driver from the drive wheel. Remove more packing blocks from top of drive wheel. Do not leave any of the odd shaped packing blocks.



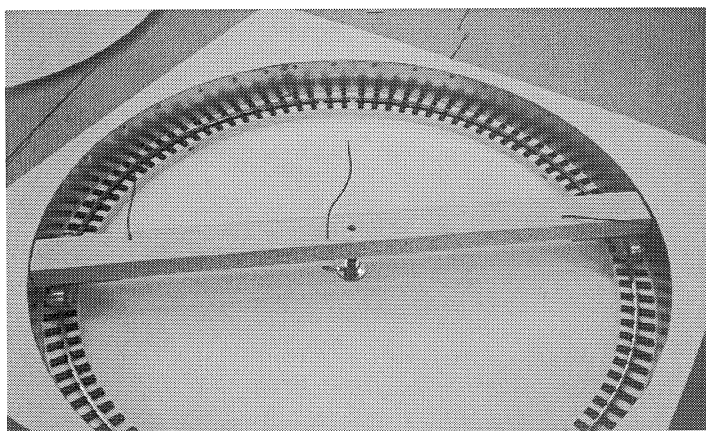
Two wires shown below are for getting power to the track on the bridge track.
The center wire near the shaft is to the center rail.
The outside wire is for the outside rails.
Connect a wire to the center rail wire and tape or staple the wire to the underside of the turntable, to keep from interfering with the drive wheel.



Remove bridge from pit.
Photo of turntable pit without the bridge



Center wire is for the center rail.
The 2 outside wires are for the outside rails



Wire to center bushing is pre installed



Center wire is for the center rail.
The 2 outside wires are for the outside rails.

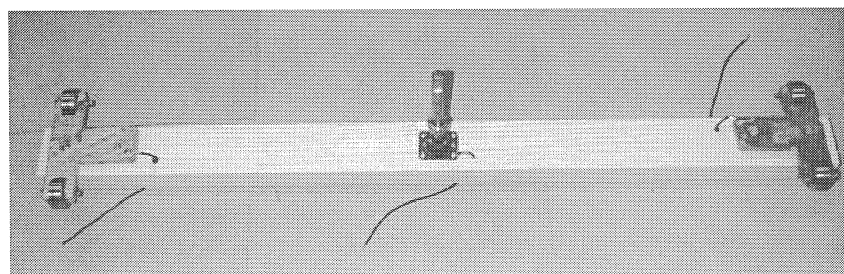
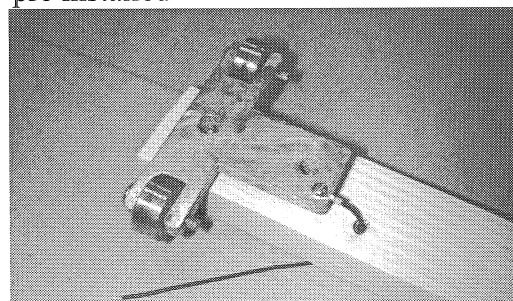


Photo of bogie on end bridge pre installed

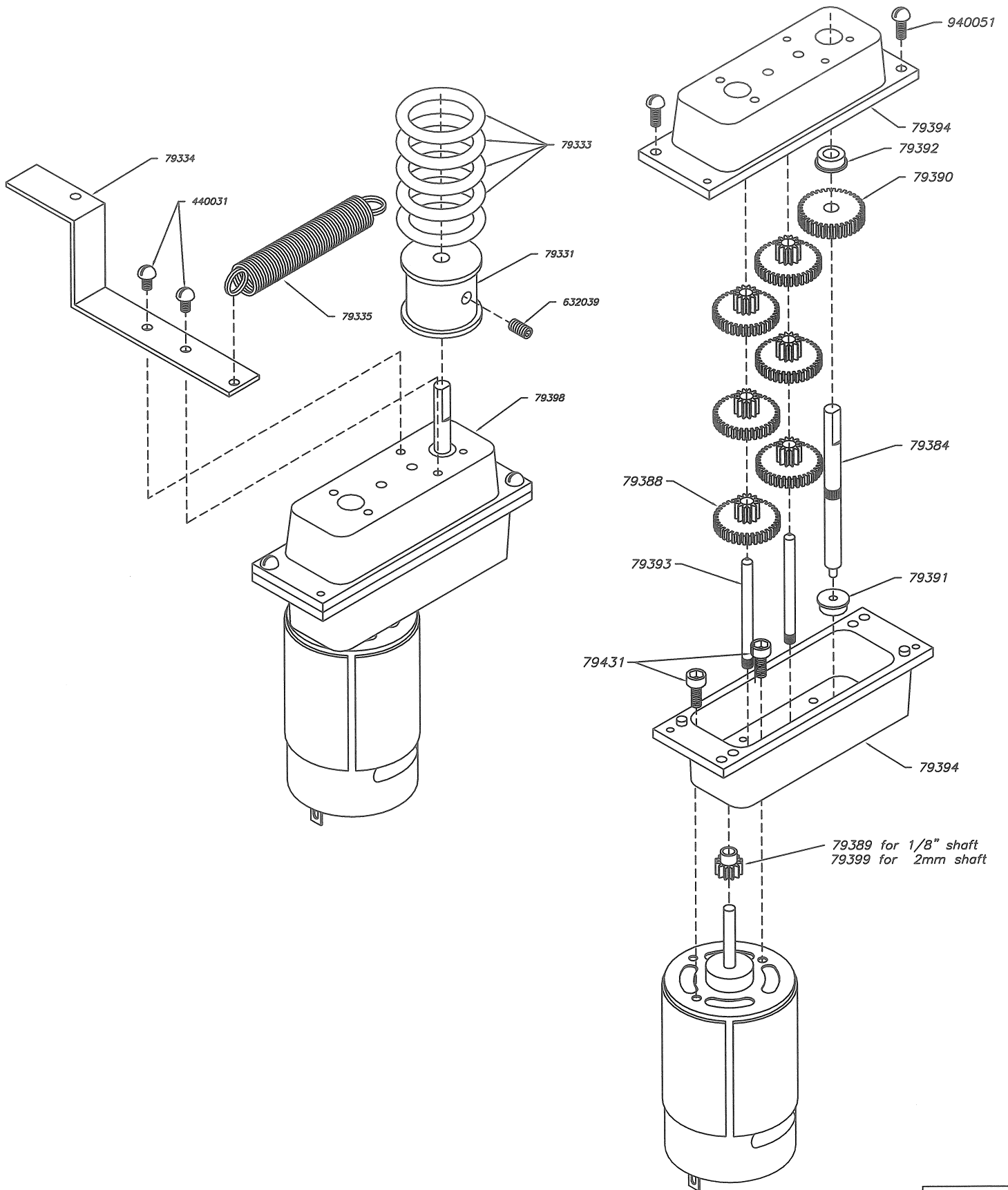


Fastern your track to the top of the bridge and connect the wires

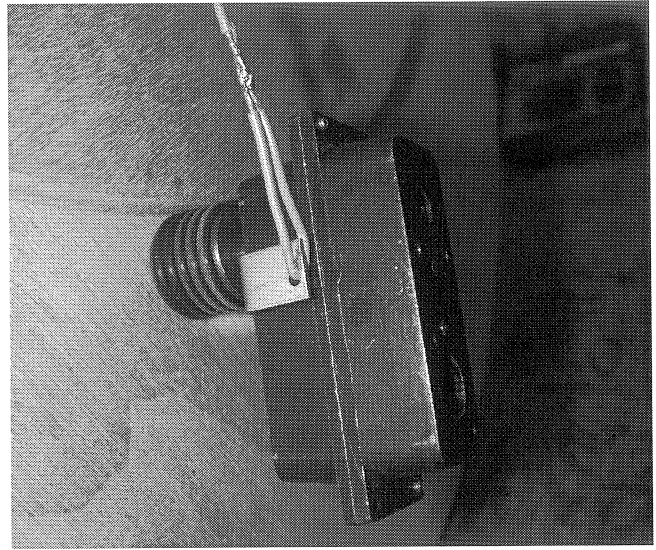
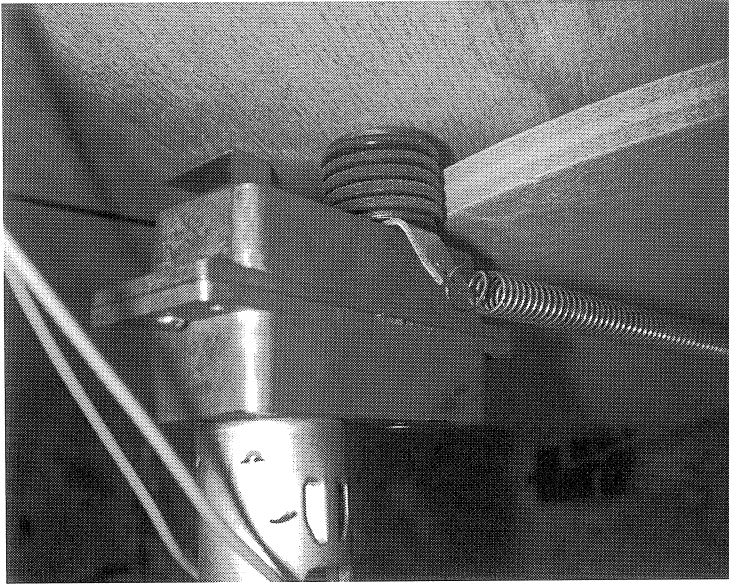
BOWSER TURNTABLE MOTORIZING KIT #7900

Assemble bracket and drive drum.
Gears are already installed

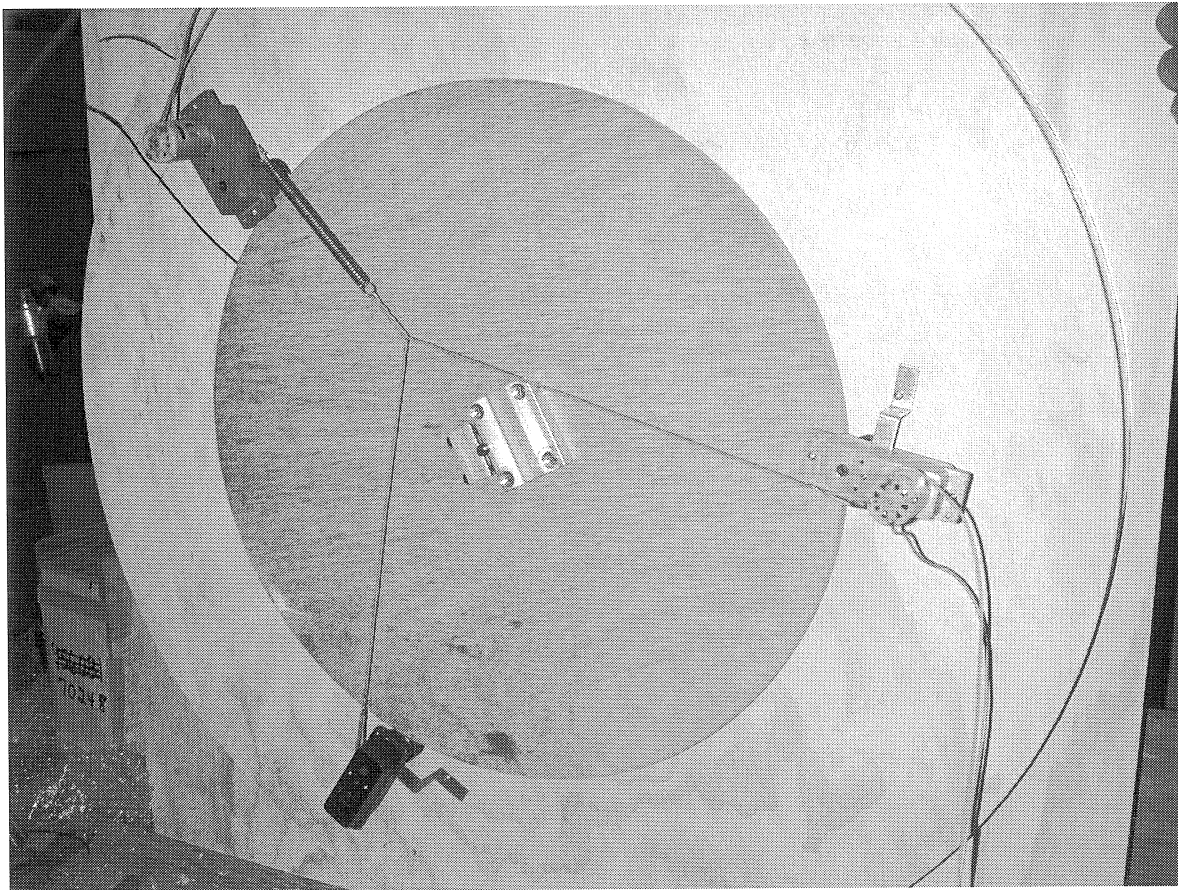
Extra gears are included



Bend the mounting brackets on the two motor and the idler housing like photo below. This will keep the wires from hitting the center clamp.

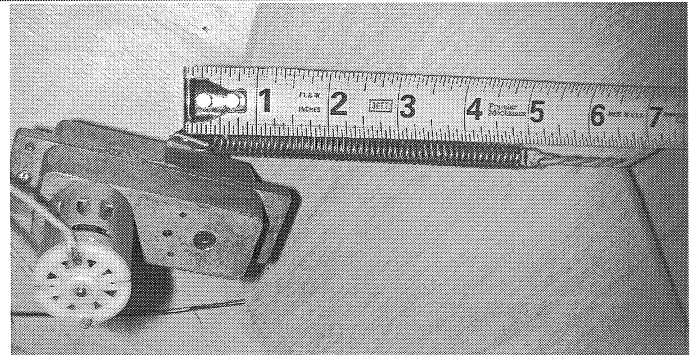
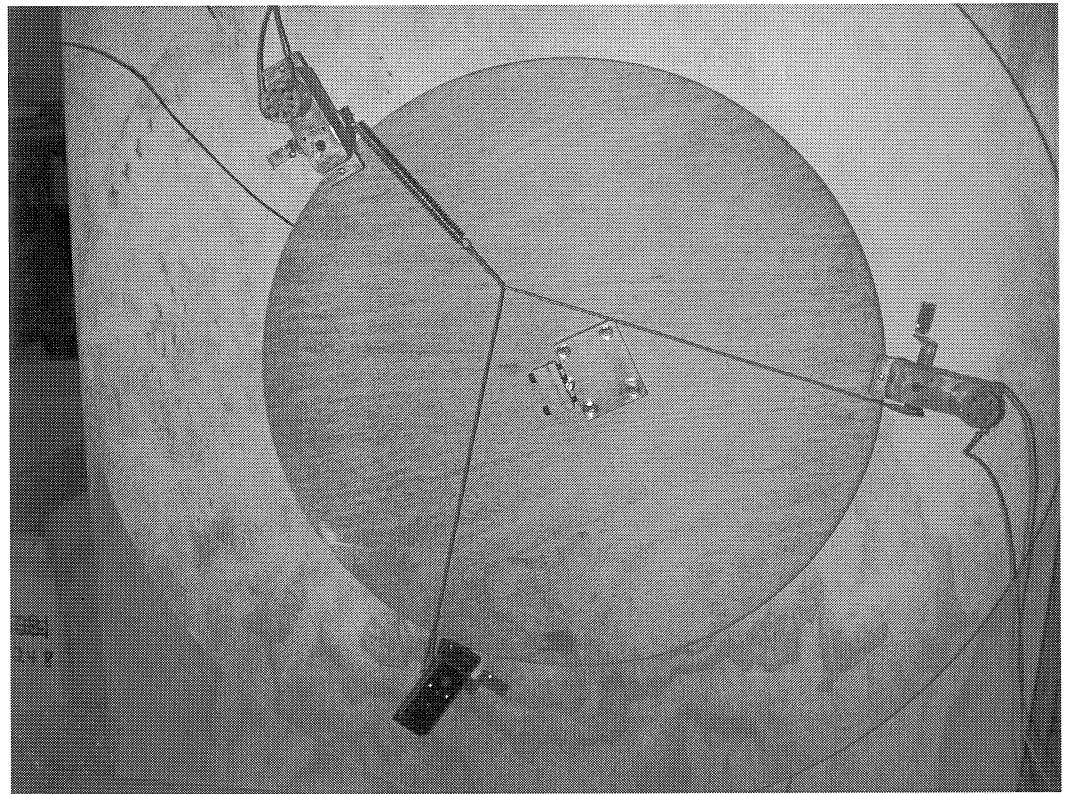
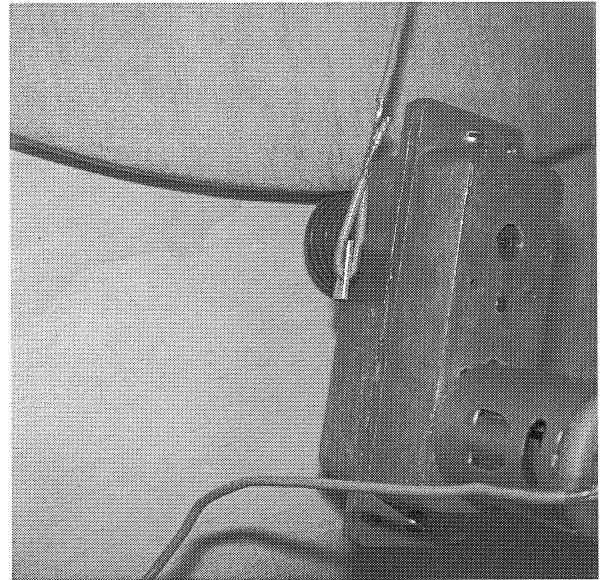
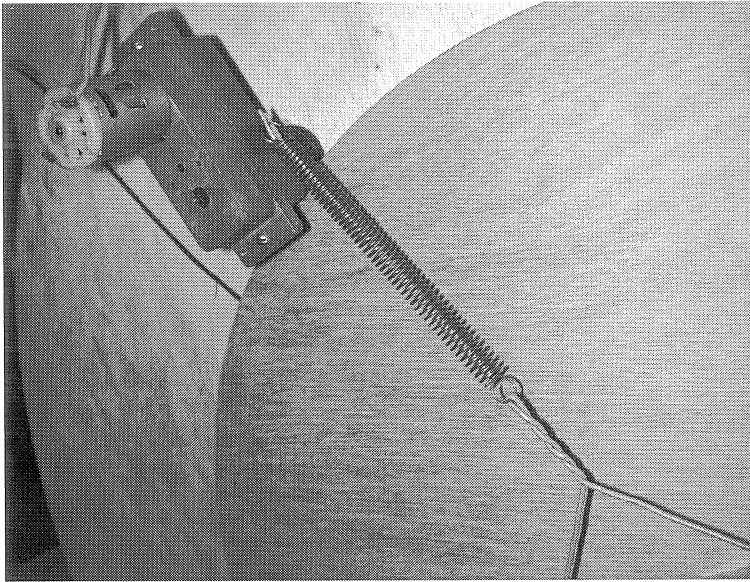


Look over the following photos before proceeding. First locate the motor assemblies and idler assembly around the drive wheel. Fasten the bracket to the pit bottom - this screw is a pivot screw so do not over tighten.



Cut wire to connect the drive and idler units. Pass wire through the mounting bracket and form a loop on each end and solder the wire to itself to complete the loop.

Connect the spring and brackets as shown in photos. Twist the wire until the spring is about 4 to 5" long.



Wire the motors together.

Both motor units must run in the same direction.

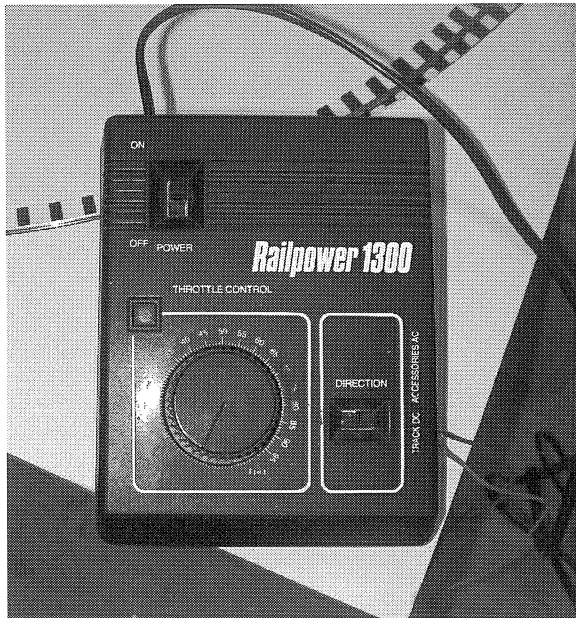
The photo below is a good HO transformer that we like.

It is not necessary to use this transformer any HO or N transformer will work.

DO NOT USE A LIONEL AC TRANSFORMER

Each motor has two wires. Connect the wires to the variable DC terminals on the transformer. The motors must run in the same direction. To change direct just change the terminals for the wires.

Again the motors must run in the same direction





BOWSER MANUFACTURING CO, INC
 1302 JORDAN AVE.
 MONTOURSVILLE, PA 17754

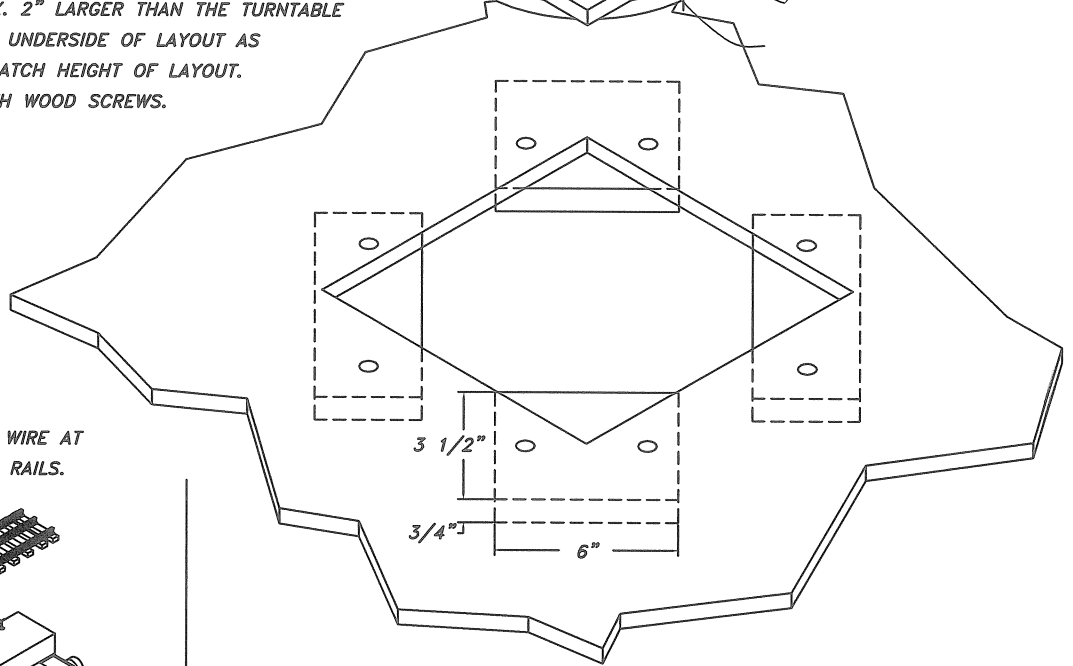
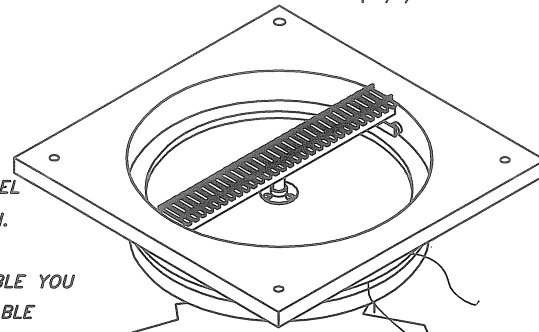
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VISIT OUR WEB SITE AT
<http://www.bowser-trains.com>

INSTRUCTIONS FOR BOWSER TURNTABLES

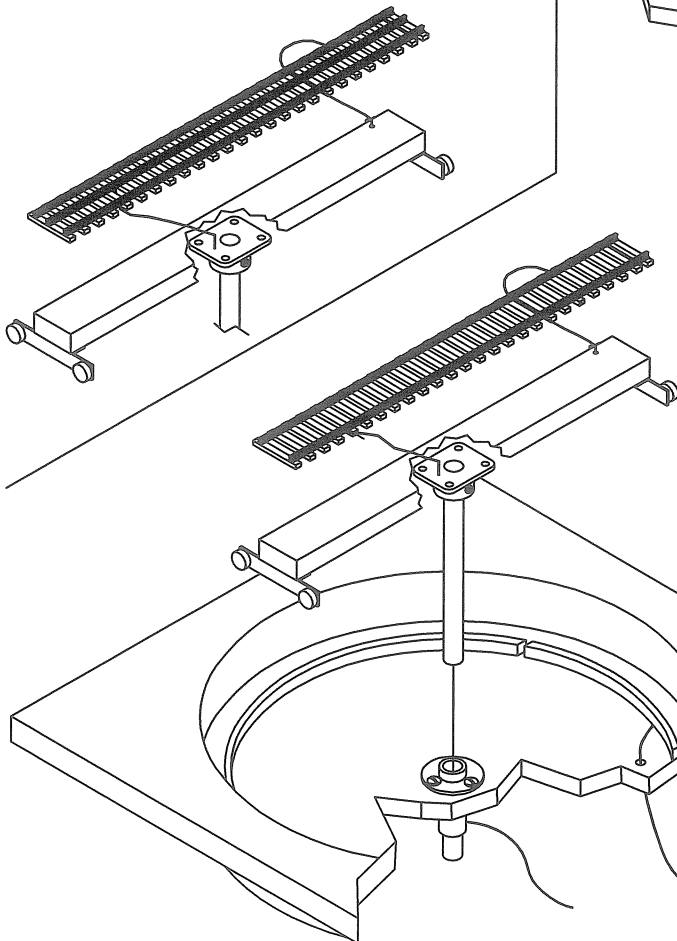
1 REMOVE PACKING BLOCKS FROM TOP & BOTTOM OF DRIVE WHEEL. THESE ARE THE OLD SHAPED WOOD BLOCKS NAILED TO DRIVE WHEEL. THESE ARE FOR SHIPPING ONLY & WILL INTERFERE WITH OPERATION.

2 CUT A SQUARE HOLE IN LAYOUT THE SAME SIZE AS THE TURNTABLE YOU HAVE PURCHASED. (THIS IS APPROX. 2" LARGER THAN THE TURNTABLE BRIDGE) INSTALL WOOD BLOCKS TO UNDERSIDE OF LAYOUT AS SHOWN. SIHM AS NECESSARY TO MATCH HEIGHT OF LAYOUT. FASTEN TURNTABLE TO BLOCKS WITH WOOD SCREWS.



0 AND 0-27 3 RAIL

CENTER WIRE GOES TO CENTER RAIL. WIRE AT END OF BRIDGE GOES TO THE OUTER RAILS.



2 RAIL HO OR 0 GAUGE

SOLDER 2 WIRES FROM BOGIES TO THE TRACK AS SHOWN.

THE 2 WIRE EXTENDING FROM THE BOTTOM OF THE PIT ARE TO BE ATTACHED TO YOU POWER PACK TO POWER THE LOCOMOTIVE ON THE BRIDGE. WE RECOMMEND A SWITCH BE USED IN THIS CIRCUIT TO PREVENT ACCIDENTAL MOVEMENT OF A LOCOMOTIVE.