Venture
Ride Mfg., Inc.

JERRY L. BARBER, President
WAYNE P. COMSTOCK, Vice-Pres.

May, 1987

MFG: VENTURE RIDE MFG., INC.
NAME: RACEWAY
Type: Kiddie

Dear RACEWAY Owner:

Please add the following information to your RACEWAY manual. All of your operators and maintenance personnel should be intimately familiar with this information.

The information supplied consists of the following:

--Serial Number and Ten Year Overhaul
--Special Cautions, Personal Conduct, Avoiding Law Suits
--OABA Safety Suggestions
--ASTM Owner/Operator Responsibility: Operation
Maintenance
Inspection
--Inspector Guidelines
--Guidelines for Operator Selection and Instruction
--Operational Load Testing
--Associations
--RACEWAY Safety Bulletins

Please give us a call if you have questions about any of the attached information.

Wishing you a safe and successful season!

Jerry L Barber

Jerry L. Barber
President

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RACEWAY CHECK LIST FOR RACEWAY OWNERS

1. Check all electrical connections in the circuit breaker boxes and on the transformer. Vibration from over the road travel may loosen electrical connections.

2. Make sure all connections on the pipe track are clean and tight. The same applies on the ground pins between the track sections.

3. Check guide roller on the car that rides on the pipe track and make sure it turns freely.

4. Check wheel bearings on the car for proper lubrication and also make sure they are not overly tightened.

5. Check king pins and tie rods to make sure they are turning freely.

6. Make sure the guide roller on the rear end of the car is turning freely.

7. Make sure electrical and ground pick-ups are clean.

8. Check all electrical connections and make sure brass PNL-4 lugs on the car are tight.

9. Make sure the yolk on the electrical pick-up can swivel and the ground pick-up cannot.

10. Check incoming voltage to the transformer. 200 Minimun, 240 Maximum.

11. Make sure you have 25 pounds air pressure in the pneumatic tires on the cars.

12. Make sure the drive chain on the car is not too tight.

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13. Check the rectifier on the cars. To do this disconnect the four wires on the rectifier. Take an Ohm Meter and place one lead on the + terminal and the other lead on the - terminal. If you get any reading reverse the leads, if you still get a reading, then place the rectifier.

The above are things that may cause trouble with your ride. They are not in order of importance just things that should be checked.

NOTES:

The cars are powered by a 24 volt D.C. permanent magnet motor. They have brushes which should last at least two years but they should be checked after each season to prevent trouble a little later.

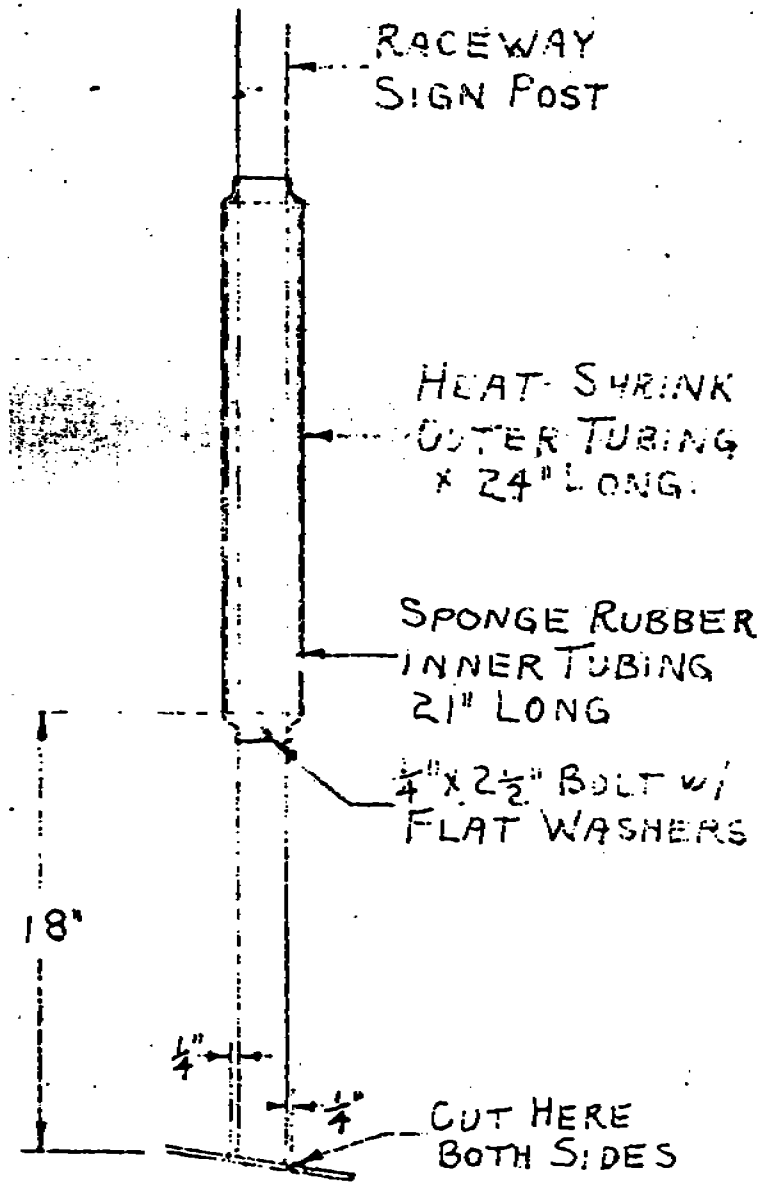
Also on the trailer itself there are four stabilizer jacks. Their purpose is to stabilize the trailer only, not to lift it.

If you should lose any of the dust caps on the trailer axles, you should find one to replace it to prevent damage to the wheel bearings.

To those owners with the optional Light Tower, here are a few things you should check:

The bolts used to fasten the tower to draw bar and base plate should be checked weekly to make sure they are tight.

Check once a month the oil level on the oiler and fill if necessary.



INSTALLATION INSTRUCTIONS

STEP 1: CUT THE WIRES LEADING TO THE SIGN. THESE ARE LOCATED UNDER THE TRAILER.

STEP 2: CUT THE FOOT PAD ON EACH SIDE OF EACH POST AS SHOWN.

STEP 3: SLIDE SPONGE RUBBER TUBING ON THE SIGN POST; SLIDE HEAT SHRINK TUBING OVER THE SPONGE RUBBER & LOCATE AS SHOWN.

STEP 4: APPLY HEAT TO THE OUTER TUBING. USE CUTTING TORCH OR BLOW TORCH BUT BE CAREFUL NOT TO BURN THE TUBING; KEEP THE FLAME ABOUT 6" FROM THE TUBING & KEEP MOVING THE TORCH.

STEP 5: AFTER THE TUBING HAS BEEN SHRUNK INTO PLACE, KEEP IT FROM SLIDING DOWN THE POST WITH A ¼" x 2½" BOLT AND FLAT WASHERS.

STEP 6: WELD THE FOOT PADS & SPLICE THE WIRES ACCORDING TO NAT'L. ELECTRICAL CODE. BE SURE TO MATCH COLORS

PADDING INSTALLATION ON RACEWAY SIGN POST

VENTURE RIDE MFG, GREER, S.C.

DRAWN	DATE	SCALE	REQ'D	PART NUMBER
BHW	8-17-77			VPM-1145