

LIONEL ZW VW TRANSFORMER

Service Info & Operating Instructions



PICTORIAL WIRING DIAGRAM OF TRANSFORMERS "VW" and "ZW"

The following pictorial wiring diagram shows the correct wiring for the "VW" and "ZW" transformers. The wiring is shown for the "VW" transformer. The "ZW" transformer is wired the same way, except that the "VW" transformer has a "VW" label on the bottom cover and the "ZW" transformer has a "ZW" label on the bottom cover.



WIRE COLOR	WIRE SIZE	WIRE TYPE
RED	18	ENCL. 1
GREEN	18	ENCL. 1
BLUE	18	ENCL. 1
BLACK	18	ENCL. 1
BROWN	18	ENCL. 1
WHITE	18	ENCL. 1
GRAY	18	ENCL. 1
PINK	18	ENCL. 1
YELLOW	18	ENCL. 1
PURPLE	18	ENCL. 1
ORANGE	18	ENCL. 1
TEAL	18	ENCL. 1
SLATE	18	ENCL. 1
INDIGO	18	ENCL. 1
VIOLET	18	ENCL. 1
PURPLE	18	ENCL. 1
ORANGE	18	ENCL. 1
TEAL	18	ENCL. 1
SLATE	18	ENCL. 1
INDIGO	18	ENCL. 1
VIOLET	18	ENCL. 1

PROCEDURE FOR DISASSEMBLING "VW" and "ZW" TRANSFORMERS

1. Disconnect the power cord from the transformer.

2. Remove the top cover by unscrewing the four screws.

3. Remove the bottom cover by unscrewing the four screws.

4. Remove the transformer core by unscrewing the four screws.

5. Remove the windings by unscrewing the four screws.

6. Remove the electrical components by unscrewing the four screws.

7. Remove the transformer by unscrewing the four screws.

8. Remove the transformer by unscrewing the four screws.

9. Remove the transformer by unscrewing the four screws.

10. Remove the transformer by unscrewing the four screws.



1. Disconnect the power cord from the transformer.

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3. Remove the bottom cover by unscrewing the four screws.

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5. Remove the windings by unscrewing the four screws.

6. Remove the electrical components by unscrewing the four screws.

7. Remove the transformer by unscrewing the four screws.

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6. Remove the electrical components by unscrewing the four screws.

Lionel Zw Transformer Instruction Manual

ML Morrison



Lionel ZW Transformer Instruction Manual:

The Big Book of Lionel Robert Schleicher, 2011-03-28 Updated edition The classic one stop treasury loaded with photos and practical advice for Lionel train enthusiasts Lionel products are today more technologically advanced than ever thanks to such innovations as FasTrack and the Legacy control system Now author and hobby veteran Bob Schleicher updates his classic one stop hands on treasury of practical advice for Lionel enthusiasts to include products such as FasTrack and Legacy which were unavailable at the time of its original publication in 2004 This volume also features an overview of Lionel product development more than thirty track plans for the floor and tabletop advice on building scenery and structures wiring and track how to help in choosing steam or diesel locomotives and freight or passenger operations maintenance and restoration tips and techniques operations that best emulate those of prototype railroads *Greenberg's Wiring Your Lionel Layout* Peter Riddle, 1991 Shows how to wire a basic Lionel layout Explains standard electrical principles and recommends tools and supplies Includes detailed photos and diagrams for powering track operating accessories and troubleshooting circuits

Tips and Tricks for Toy Train Operators Peter Riddle, 2000 Increase your knowledge and enjoyment of toy trains Features 144 helpful tips that will improve the performance of your locomotives and the appearance of your layout Includes crisp photos and easy to follow wiring diagrams Primarily postwar toy trains but includes prewar and modern era equipment

Layout Plans for Toy Trains Kent J. Johnson, 2002 These interesting plans featuring O gauge sectional track illustrate a variety of layouts Each plan includes construction details and a complete list of the components required to build the layout From the pages of Classic Toy Trains magazine Model Railroading Bruce Greenberg, 1979 Provides information and advice on every aspect of O and S scale model railroads with comments on the varied rewards of this classic hobby

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Schroeder's Collectible Toys Antique to Modern Price Guide Sharon Huxford, Bob Huxford, 2001-09-15 Identification values of over 20 000 collectible toys *Playthings*, 1960 **Railroadman's Magazine**, 1957 *The Gannetteer*, 1963

Greenberg's Repair and Operating Manual for Lionel Trains Susan Pauker, Bruce C. Greenberg, 1990 **Greenberg's Repair and Operating Manual for Lionel Trains** Susan Pauker, Bruce C. Greenberg, 1981-06-01 Instruction Manual

Lionel Corporation, 1948 **Greenberg's Repair and Operating Manual for Lionel Trains, 1945-1969** Roger Carp, 1998

Offers repair and maintenance tips for postwar Lionel locomotives operating cars accessories and other items Features original Lionel service diagrams illustrations and instructions Greenberg's Lionel Postwar Operating Instructions with Layout Plans Winston Lill,1992 The Lionel operator s favorite guide is now revised with product instruction sheets from 1945 to 1969 Includes original customer instructions and diagrams for locomotives operating cars track transformers trains and accessories Lionel Train & Accessory Operating and Wiring Manual for "027", "0", Super "0". ,197?

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