



THE MODEL A GENERATOR

WITH SPECIAL SECTIONS ON

THE MODEL A STARTER

THE MODEL A CUTOUT

THE MODEL A STARTER SWITCH

BY

**PAUL H. MCREE
&
WILLIAM H. MCREE**

INTRODUCTION

There is an old saying, "There is more than one way to skin a cat." This manual is my way of rebuilding a Model A generator and Model A starter. There are probably many other ways. For those who have rebuilt these items before and done it differently, let them continue with their way. For those who have never rebuilt these items or not had success in rebuilding these items, this manual is for them. My way of rebuilding these items will work. It has worked for me for years.

Choose the rebuilding steps for the unit you have and follow the steps one at a time. Do it safely, use common sense, and take your time. Your reward will be a unit rebuilt as well as any rebuilt by a professional and a better rebuilt unit than one rebuilt by many so-called professionals.

Since this writer has no control over how the reader will do the work of rebuilding these

items, this writer assumes no responsibility for any accidents occurring to the person or his automobile as a result of the use of the information in this manual. The user assumes full responsibility for his actions. If the user at any time feels in doubt, seek professional help.

FOR SAFETY PURPOSES: KNOW YOUR TOOLS. KNOW YOUR CAPABILITIES. ALWAYS WEAR SAFETY GLASSES. TREAT ELECTRICITY WITH RESPECT. BE EXTREMELY CAREFUL WHEN HANDLING A BATTERY.

Don't throw any parts away until your unit is completely finished.

Don't use metallic paints on any parts of a generator or starter.

Written and researched by: Paul H. McRee and William H. McRee
Photos by: Paul H. McRee
Typesetting by: Linda M. McRee

Some drawings in this manual are courtesy of Ford Motor Co.

ISBN 0-9707987-2-5

Publisher: TLS Graphics, Inc., 2002

©William H. McRee, 2002

All rights reserved. With the exception of quoting brief passages for the purposes of reviews, no part of this publication may be reproduced without prior written permission from the publisher: TLS Graphics on behalf of William McRee, 1207 Ward, Baytown, Texas 77520.

INDEX

Generator

	Page
Adjustable Brush-Assembly	18
Adjustable Brush-Disassembly	19
Armature Restoration	15
Battery Relationship	40
Bearing Style End Plate Assembly	21
Brush Plate Restoration	17
Bushing Style End Plate Assembly	22
Cutout	39
Disassembly	10
Final Assembly	25
Grounded Brush Assembly	20
Grounded Brush Disassembly	19
Housing Restoration	11
How It Works	06
Insulated Brush Assembly	20
Parts Identification	08
Powerhouse Brush Setting	38
Powerhouse Five Brush	34
Powerhouse Restoration	29
Powerhouse Testing	37
Powerhouse Three Brush	35
Setting The Adjustable Brush	27
Testing	26
33-34 Restoration	28
Troubleshooting	41
Types	03

Safety Notice	02
----------------------	----

Starter

Abell Style	55
Assembly	46
Bench Testing	50
Brush Assembly Restoration	48
Disassembly	44
Operation	43
Parts Illustration	44

Starter Drive Assembly	51
Starter Drive Parts Identification	53
Starter Switch	54

NOTES