

TABLE OF CONTENTS

	PAGE
Foreword	3
Basic Service Systems	4-5
General Brake Information	5-11
Coefficient of Friction	11-12
Actuating Systems	12
Mechanical	13
Hydraulic	14-15
Vacuum	15-18
Air	18-20
Electric	20-21
Service Technique of Modern Brakes	23
Lockheed Single Cylinder Brake	24-27
Lockheed Two Cylinder Brake	27-28
Ford Hydraulic Brake (1939-48)	28-29
Lockheed Self-Centering Brake	29-33
Bendix Brake	33-35
Huck Brake	35-36
Chrysler Disc Brake	36-37
Wagner Self Centering Brakes (Pass. Car)	37-38
Wagner Hi-Tork Brake	39-42
Wagner Self Centering Brakes (Truck)	43-46
Bendix "Twinplex" Brake	46-47
Timken "DH" Duplex Brake	48
Heavy Duty Brakes	49-50
Timken "DP" Brakes	50-53
Warner Electric Brake	53-54
Hand Brake Controls	54-57
Power Brakes	59-65
Brake Troubles & Service Tips	66
Stopping Distance Chart	67
Index of Brakes Used on Cars	68

COPYRIGHT 1955 THE AMERICAN BRAKE SHOE COMPANY

Quick Reference Brake Service Guide

Foreword

THIS Brake Service Guide has been prepared for the assistance and information of brake service stations and other organizations and individuals interested in the relining and maintenance of automotive brakes.

No attempt has been made to go into complete details of the full maintenance of the various types of brakes. The instructions and recommendations have been confined entirely to friction recommendations, adjustments, and service helps.

In preparing this guide an effort has been made to so arrange the contents that information is easily available and is not complicated. All of the principal

types of brake equipment have been covered. Those found only on a few makes or models of cars or cars produced some years ago have been omitted. Adjustment instructions and recommendations for these can be supplied on request.

All mechanical recommendations such as clearances, etc., are based on the practice of the American Brakeblok Service Engineers and will be found to be practically the same as those recommended by the brake manufacturers.

We are grateful to all the Brake Engineers and Brake Manufacturers for their assistance in helping us prepare this Guide.

American Brake Shoe Co.

American Brakeblok Division