

Studebaker SERVICE BULLETIN

FEBRUARY

NO. 27

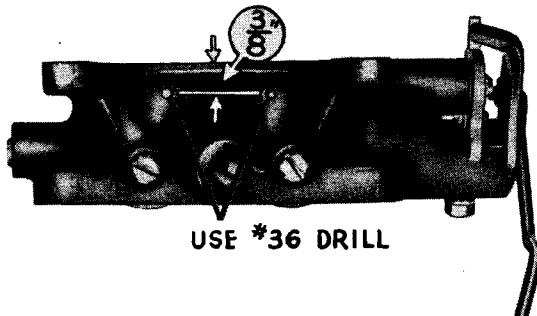
STUDEBAKER

STROMBERG 6-111C CARBURETOR NOW USED WITH V8 ENGINES

Please record this article on the Service Bulletin Reference page at the end of the Gasoline System section of your 1951 Passenger Car Shop Manual.

The drilling of the vent holes in the Stromberg 6-111B type carburetor for easier starting when the engine is hot has been performed on many thousands of Commanders with most satisfying results. This operation was outlined in Service Bulletin No. 268, p. 2.

Because of the success of this service modification, the venting has been adopted in production of late 1952 Commander models effective with Engine No. V-201506. The carburetor on cars on and after that engine number is now known as Stromberg type 6-111C.



USE #36 DRILL

FIG. 1 - DRILL TWO HOLES WITH NO. 36 DRILL.
PUT ONE HOLE DIRECTLY INTO EACH BARREL
OF THE CARBURETOR.

It is possible that owners of Commanders with the Stromberg 6-107A type carburetor may experience a hot starting problem similar to that found in the 6-111B carburetors (before modification). Although the 6-107A carburetor is externally vented, we have determined that starting a hot engine with this type carburetor can be improved by drilling the two holes into the barrel only, as shown in Fig. 1.

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AUTOMATIC DRIVE SERVICE TRANSMISSION AND EXTENSION CASE ASSEMBLIES - H, 3H, 4H

Please record this article on page 50 of your Automatic Transmission Preliminary Shop Manual.

With the start of production, 1953 Commander models equipped with Studebaker Automatic Drive will have the "part-throttle downshift" in which a quick pressure on the accelerator pedal below 30 mph secures Drive-Intermediate from Drive-Direct. This is similar to that used on Champion models in the past. The starting number, for identification, is Transmission Serial No. 200,000.

One Transmission Assembly for Service - H, 3H, 4H Models

The transmission assembly for service of 4H Commander models is Part No. 533568 and will have the "part-throttle downshift." Since this downshift is considered desirable for nearly all drivers, this same transmission assembly, Part No. 533568, will be used for service of 1951 (H) and 1952 (3H) Commander models. The Part No. 533568 transmission assembly takes the place

of the former service transmission assembly Part No. 529973.

One Extension Case Assembly for Service - H, 3H, 4H Models

For service replacement of the extension case assembly of 1951 (H), 1952 (3H), or 1953 (4H) Commander models, only one assembly will be furnished. This assembly is Part No. 529984, Extension Case Assembly, and is the one used in the past for H and 3H models.

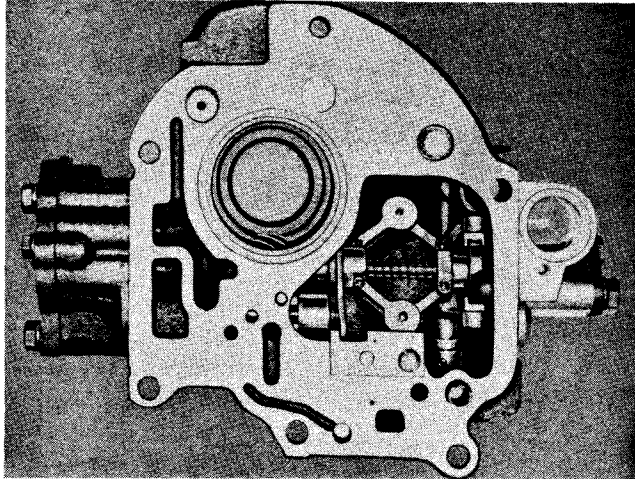


FIG. 2 - TO PROVIDE PART-THROTTLE DOWNSHIFT, REMOVE PAWL (3. ABOVE).

By using this extension case assembly the owner has a choice of part-throttle downshift or eliminating it. If he wants the part-throttle downshift on any of the three models (H, 3H, or 4H) it is necessary before installing the extension case assembly to remove one part, the direct drive lock-up pawl, Part No. 529835. (See Fig.2.)

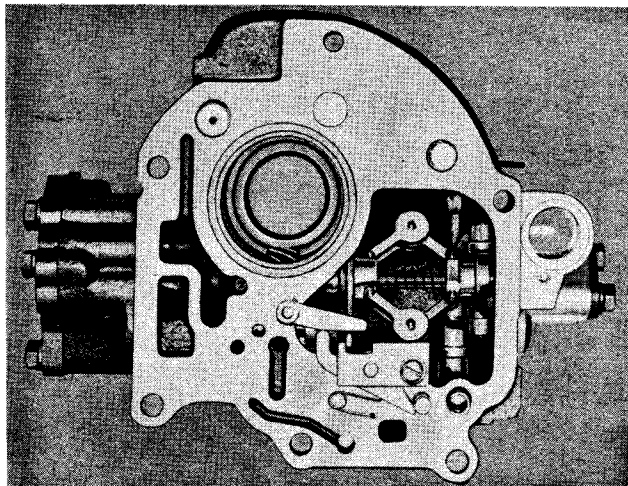


FIG. 3 - TO ELIMINATE PART-THROTTLE DOWNSHIFT, INSTALL EXTENSION CASE ASSEMBLY AS FURNISHED BY YOUR PARTS DEPOT AS SHOWN IN PHOTO ABOVE.

If the owner *does not* want the part-throttle downshift feature on H, 3H, or 4H models, install the extension case assembly as furnished. (See Fig. 3.)

We suggest that before the extension case assembly Part No. 529984 is installed on a 1953 (4H) Commander model, it is advisable to remove the direct drive lock-up pawl.

Owners of 1953 Commanders with Studebaker Automatic Drive will receive their cars *with* the part-throttle downshift feature and the chances are that they will not want the downshift eliminated if they must have a new extension case assembly installed.

Production Extension Case Assembly Differs from Service Case

For 1953 Commander models the extension case assembly used in production differs from the service assembly in that the following direct drive lock-up parts are not present:

| Part No. | Part Name |
|----------|--|
| 529783 | Extension Case Direct Drive Control Pawl Pin |
| 529808 | Governor Control Link |
| 529809 | Governor Control Link Pin (2 req'd) |
| 529811 | Governor Control Plunger |
| 529834 | Governor Control Rocker Arm |
| 529838 | Governor Control Rocker Arm Washer |
| 529839 | Governor Control Rocker Arm Spring |
| 529837 | Governor Valve Stop Plate Spacer |
| 529835 | Governor Control Direct Drive Pawl |
| 529866 | Governor Control Direct Drive Pawl Ret. Washer (2) |
| 436-026 | Governor Control Direct Drive Pawl Ret. Cotter |

NEW DESIGNATIONS OF OIL TYPES NOW IN USE

Please record this article on the Service Bulletin Reference page at the end of the Lubrication section of your 1953 Passenger Car Shop Manual and on page 135 of your 2R Series Trucks Shop Manual.

In Service Bulletin No. 269 and in Passenger Car Service Letter No. 888 we defined the new designations "For Service MS," "For Service MM," and "For Service ML" to distinguish between *types* of oil in place of the older terms Regular, Premium, and Heavy Duty.

In that article we recommend for all Studebaker engines that oil labeled "For Service MS" be used with the provision that oil labeled "For Service MM" is satisfactory where driving conditions definitely come within the MM type of operation. Further, we recommended *against* the use of oil labeled exclusively "For Service ML."



FIG. 4 - IF A REFINER'S ENGINE OIL QUALIFIES UNDER MORE THAN ONE API TYPE CLASSIFICATION, HE MAY LABEL THE CONTAINER AS ABOVE. EITHER OF THESE OILS IS SUITABLE FOR STUDEBAKER ENGINES. AN OIL LABELED "FOR SERVICE MM - ML" IS SUITABLE ONLY FOR THE DRIVER WHOSE OPERATION DEFINITELY FALLS IN THE "FOR SERVICE MM" CLASSIFICATION.

We now have information that in the latter case, some refiners are producing engine oil that meets the qualification of both MM and ML classifications and are so labeling their containers. See Fig. 4. There are other cases of multiple classification of an oil in a container where the label reads "For Service MM, MS, DG" or "For Service MS, DG, DS." See Fig. 5.

Multiple classifications labeled "For Service MM, ML" are satisfactory for the Service MM type driver and the use of the symbol ML in conjunction with MM does not prohibit its use in Studebaker engines. *Oil labeled "For Service ML" only, or "For Service ML plus a symbol beginning with the letter D" is not recommended for use in Studebaker engines.*

"For Service MS Oils" Oil labeled either "For Service MS" or "For Service MS, MM" or showing MS with any other symbol, is entirely satisfactory for use in Studebaker engines in all types of operation.

Initial Use of "For Service MS" Oils These oils are highly detergent in composition. When they are used in a new engine or in an engine that has just had new piston rings installed, it is possible that the piston rings, due to the action of the oil additive ingredients, may take somewhat longer to "seat" than was formerly true when "regular" or "premium" oils were used. To a lesser degree, the same applies



FIG. 5

ANOTHER REFINER LABELS HIS DUAL-SERVICE ENGINE OILS LIKE THIS.

to "For Service MM" oils.

"For Service MS" Oils in Older Engines For the same reason of high detergent content in the "For Service MS" oils, its use in older engines will have a cleansing effect. The detergent action will clean out the accumulations of carbon, varnish, and other such formations in valve guides, oil control ring grooves and drains, and in other parts of the engine. This action is all to the good, for it aids the oil control ring to resume its duty in controlling oil consumption.

With the first fill of "For Service MS" oil, however, the loosened carbon and other formations will find their way to the oil pan, where they will tend to settle. If they stay there, it is possible that the accumulation might eventually restrict the oil intake screen or other passages and interfere with proper oil circulation and oil pressure.

Therefore, we recommend that when "For Service MS" oil is used for the first time in an engine which has accumulated considerable service, completely drain this initial fill of MS oil after 500 miles of use. This draining will be most efficiently accomplished with the engine and oil warmed up to operating temperatures. Refill with "For Service MS" oil and thereafter drain and refill every 2500 to 3000 miles unless abnormal operating conditions require more frequent oil changes.

T TRUCK SERVICE Information



GASOLINE TANK FILLER NECK AND HOSE - 2R SERIES TRUCKS

Please record this article on page 128 of your 2R Series Trucks Shop Manual.

Occasionally a rattle in cabs of 2R Series trucks can be traced to the gasoline tank filler neck extension's striking the cab rear panel.

To eliminate the possibility of this noise, a shorter filler neck extension and longer hose have entered production. The shorter neck and longer hose give a more flexible connection and a better alignment of the parts.

This change is effective with Truck Serial Nos. R5-99564, R6-8274, R10-35116, R11-6904, R14-1115, R15-13564, R16A-40738, and R17A-32196.

In service the longer hose can be used with either the old or new filler neck extension assemblies.

The new parts are:

| Part No. | Part Name |
|----------|--|
| 681426 | Gasoline tank filler neck extension assembly |
| 681425 | Gasoline tank filler neck hose |

2R SERIES TRUCKS CLIMATIZER

Please record this article on page 37 of your 2R Series Trucks Shop Manual.

A new and improved truck Climatizer, Part No. AC-2267, is now available on order through your parts depot.

Changes include both the heating unit and the blower assembly. The heating unit is constructed so that the forced air travels up through one-half of the core where it is pre-heated. This heated air then passes over a baffle and down through the other half of the heater core where heating is completed. The

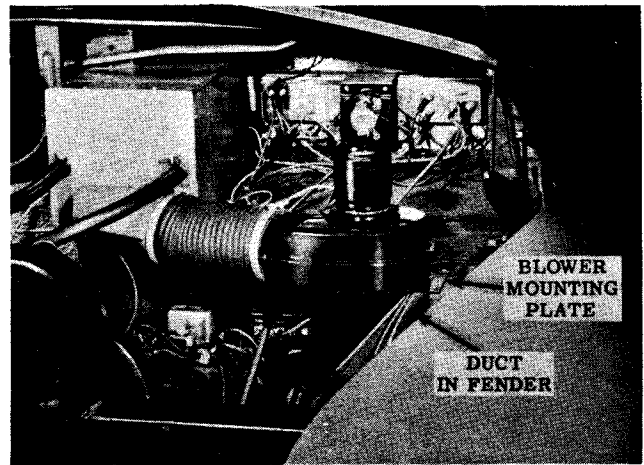


FIG.6 - NEW TRUCK CLIMATIZER INSTALLED

air then flows into the truck cab. The heater unit is mounted in the same position as with past model truck Climatizers.

The blower assembly is a separate unit mounted on the left front fender air duct (see Fig. 8). It supplies over 50% more air than previous types. A knock-out plug for the blower connection is furnished in the left front fender on and after the following Truck Serial Nos:

| | | |
|-----------|-----------|------------|
| R5-100362 | R11-7090 | R16A-41007 |
| R6-8430 | R14-1129 | R17A-32361 |
| R10-35212 | R15-13626 | |

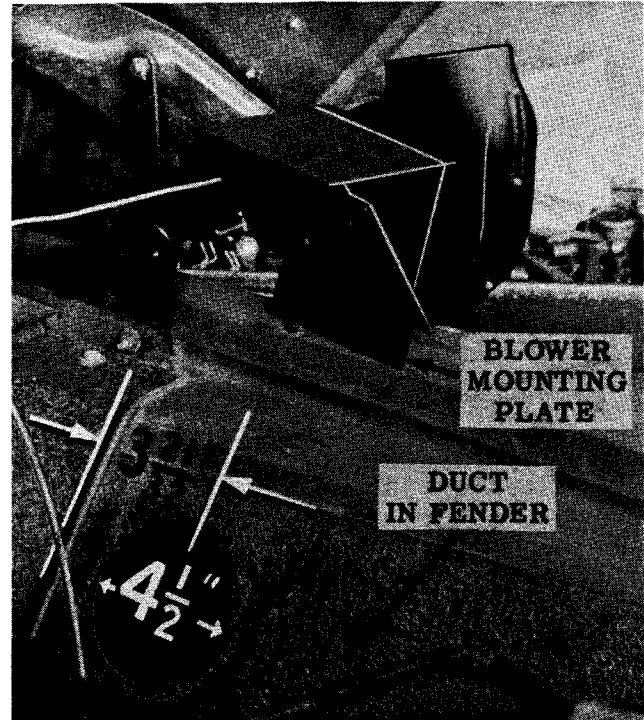


FIG.7

Installation

To install the AC-2267 blower assembly on

trucks before the above serial numbers, locate and cut a 4 1/2" diameter hole in the left front fender air duct as indicated in Fig. 7.

Air Duct Interference - AC-2267 Climatizer with Champion Engine

The first AC-2267 Climatizers installed on trucks with Champion-type engines interfered with the removal of the oil level gage. A change in the air duct at the back of the heater unit reduces this interference.

A new air duct, Part No. 681474, for use where this interference is found, can be ordered in the usual way through parts depot. The replaced air duct can be returned to Claims Receiving, Dept. 963, South Bend accompanied by a properly completed B865 Claim Form. If it is returned prepaid and undamaged, credit for the dealer's net price of the part will be issued.

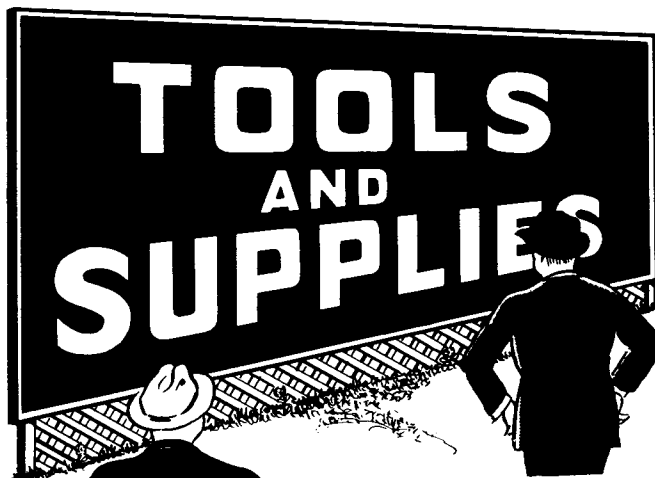
TWO-SPEED REAR AXLE DIFFERENTIAL CASE ASSEMBLY - 2R SERIES

Please record this article on page 177 of your 2R Series Trucks Shop Manual.

We have had some questions from the field on the fact that the bolt holes in the differential case are undersized. Questioners feel that it is impossible to install the bolts that fasten the spur gear to the differential case.

These bolt holes are purposely left under-size in service parts so that in assembly a solid mounting of the gear to the differential case can be obtained. A 9/16" reamer should be used to secure a perfect fit. This will assure a tight gear-to-case fit. Possible movement between the gear and case and the subsequent elongation of the mounting holes will be eliminated.

This information is also given on page 171 of the 2R Series Trucks Shop Manual.



BLACK MFG. CO.'S PAINT SPRAY EQUIPMENT

Several months ago we mentioned in the Service Bulletin that DeVilbiss and Binks operated paint spraying schools. The companies are primarily, of course, makers of paint spraying equipment.

We wish now to report that we have tested the paint spraying equipment of another manufacturer, Black Manufacturing Company of Harrison, New Jersey.

The Black equipment proved entirely satisfactory and adequate for all dealer automotive paint spraying needs.

Dealers considering the purchase of such equipment might well investigate and consider the Black equipment along with that of other manufacturers.

SPECIAL PRICE ON TRUCK HUB CAP WRENCH TOOL NO. J 3212

Enclosed with this issue of the Service Bulletin is Tool Manual Insert No. 2 describing the Kent-Moore Organization's Hub Cap Wrench for 2R10-11-15-16A-17A and M16 trucks, Tool No. J 3212.

An order blank, carrying a special clearance sale price of \$1.50 each (regular price was \$2.95) is a part of the insert sheet. To order, fill out the order blank, tear off from the insert, and mail direct to Kent-Moore Organization, Inc., 3044 W. Grand Blvd., Detroit 2, Michigan.

Export dealers order from the Export Division, The Studebaker Corporation.

NOTE.--On the next five pages is a directory of Redmond Electric Windshield Wiper Service Stations.

ELECTRIC WINDSHIELD WIPER SERVICE

Please record this article on the Service Bulletin Reference page at the end of the Electrical System section of your 1953 Passenger Car Shop Manual.

Below is a list of the Redmond Company, Incorporated automotive service outlets in the United States, Canada, and Alaska. Places marked with an asterisk (*) are central Distributors; those with the letter "S" are service stations. All the other places are service distributors.

Studebaker dealers who want information or repair service (beyond installation of the Electric Windshield Wiper Motor Brush and Brush Holder Kit, Part No. 295838), should contact their nearest Redmond Company service outlet.

ALABAMA

BIRMINGHAM
* Birmingham Electric
Battery Co.
2230 2nd Avenue N.

ALASKA

ANCHORAGE
Bjornstad & Clark, Inc.
445 East 4th

CALIFORNIA

ALHAMBRA
P. & W. Parts Store,
515 W. Main Street

West & Heininger,
11 North 2nd Street

BAKERSFIELD
Automotive Service Co.,
2235 "H" Street

EL MONTE
Collins Speedometer &
Electrical Service
3019 N. Consol

FONTANA
Sierra Motor Supply,
280 S. Sierra Avenue

GARVEY
Mel's Auto Supply
3200 N. San Gabriel Blvd.

GLENDALE
Bob Hartig,
211 S. Central

Psenner-Pauff, Inc.
620 S. Brand Ave.

LONG BEACH
Auto Electric & Speedometer,
526 E. Anaheim St.

United Service
233 E. Anaheim St.

LOS ANGELES
Associated Auto Electric,
2916 Brooklyn Ave.

Car Parts Co.,
6106 N. Figueroa St.

Carburetor Electrical
Service
1904 East 7th St.

Carburetor Sales & Service,
Inc.
5343 Whittier Blvd.

LOS ANGELES-Cont'd.

* Electric Equipment Co.,
1611 S. Hope St.

Harold's Auto Radio &
Speedometer,
1108 S. Atlantic Blvd.

Lambert Co. Ltd.,
1202 E. Olympic Blvd.

Lindsay Bros.,
4305 Eagle Rock Blvd.

Speedo Electric,
1155 S. Olive St.

ONTARIO
Graves Automotive Supply
211 E. "B" St.

PASADENA
F. W. Birnie Co.,
33 S. Pasadena Ave.

RIVERSIDE
Albright's,
3889 8th St.

Service Supply Co.,
3254 8th St.

SAN BERNARDINO
Marshall's
431 10th St.

Valley Auto Supply
441 5th St.

SAN FRANCISCO
* Frank Edwards Co.
382 6th St.

SANTA MONICA
Roger S. Marshall, Inc.
1556 Lincoln Blvd.

WHITTIER
Whittier Auto Electric Works
121 N. Milton

COLORADO

COLORADO SPRINGS
Earl Schwab, Inc.
120 N. Weber

* DENVER
Central Supply Co.
12th & Lincoln

PUEBLO
Triangle Electric Co.
420 Fountain St.

STERLING
Marsau's Automotive Service

TRINIDAD
(S) Trinidad Battery & Parts

CONNECTICUT

HARTFORD
* W. J. Connell Co. of
Hartford
85 Airport Road

MANCHESTER
Norton Electrical Instrument
Co.
71 Hilliard Street

MERIDEN
Lyon Auto Service
44 S. Colony Street

NEW HAVEN
Auto Electric Sales &
Service
120 Goffe Street

NEW LONDON
Creem Automotive Service
20 Truman Street

NORWICH
Creem Automotive Service
91 North Main Street

WATERBURY
Whitall Battery & Electric
Co.
416 West Main Street

DELAWARE

WILMINGTON
Automotive Electric Co.
607 French Street

DISTRICT OF COLUMBIA

WASHINGTON
D.C. Speedometer Repair Co.
211 14th Street, N.W.

Miller-Dudley Co., Inc.
1716 14th Street, N.W.
Phelps-Robert Corp.
1825 14th Street, N.W.

* Roberts Bros. Co.
17th & "V" Streets

FLORIDA

BRADENTON
Guarantee Electric Co.
701 9th St. West

JACKSONVILLE
* Pattern Sales Co.
1021 Hogan Street

MIAMI
* Patten Sales Co., Inc.
53 N.E. 8th Street

ST. PETERSBURG
Frank & Murray
1st Ave. so. & 7th St.

TALLAHASSEE
Baker-Alford Co.
208 N. Adams

TAMPA
Johnny Roberts, Inc.
2905 Florida Ave.

Tampa Auto Parts, Inc.
Marion at Harrison St.
P. O. Box 415

GEORGIA

ATLANTA
* Auto Electric of
Georgia, Inc.
15 5th Street

THOMASVILLE
Keenan Auto Parts

WAYCROSS
Waycross Battery & Electric
611 Albany Ave.

IDAHO

BOISE
Oakley Wholesale, Inc.
817 Grove Street

LEWISTON
Osterman Diesel & Electric
1610 E. Main Street

MOSCOW
Moscow Motor Supply Co.
P. O. Box 306

ILLINOIS

AURORA
United Auto Sales, Inc.
47-51 S. Lake Street

CHAMPAIGN
Carr's Electric Service
512-14 N. Neil Street

CHICAGO
Automotive Instrument
Service
3017 Irving Park Road

CHICAGO-Cont'd.

Ballentine Service Corp.
717 West 66th Street

Carbiniton Co.
723 N. Ogden Ave.

* Illinois Auto Electric Co.
2011 Indiana Ave.

Spitfire Battery & Ignition
Service
3434 N. Ashland Avenue

GALESBURG
P & M Accessory Co.
170 S. Seminary St.

JOLIET
Zinser-Backstrom Co.
4 North Michigan

ROCK ISLAND
Lohse Automotive Service
430 17th Street

INDIANA

ANDERSON
(S) Bailey's Electric &
Carburetor Service
107 E. 6th Street

BLOOMINGTON
Full-O-Pep, Inc.
220 S. College Ave.

BEDFORD
Jenkins Motor Shop
1019 16th Street

CRAWFORDSVILLE
(S) Snyder's Battery &
Electric Station
107 E. Market

ELKHART
Car Parts, Inc.
120 S. Elkhart Ave.

EVANSVILLE
E. N. Frohbieter Co.
501 N.W. 4th Street

Hocker Power Brake Co.
3rd & Ingle at Carpenter St.

FRANKFORT
(S) Martin Electric Service
53 E. White Street

GARY
Seaburg-Welsh Auto Supply,
Inc.
400 E. 5th Avenue

GOSHEN
Goshen Auto Elec. & Brake
Service Station
122 E. Washington Street

INDIANAPOLIS
(S) Cossey's One Stop
Station
2229 E. New York Street

INDIANAPOLIS-Cont'd.

* Gulling Auto Electric,
Inc.
450 N. Capitol Ave.

Jack Kidwell Electric Co.
1331 N. Capitol Ave.

LAFAYETTE
Lafayette Auto Supply Co.,
Inc.
118-120 South 4th Street

LOGANSPOUT
Excel Auto Parts & Repair
611 North Street

MARION
Glasser Electric &
Battery Co.
1005 S. Washington St.

RICHMOND
Auto Elec. & Carburetor
Service Co.
111 South 9th Street

SOUTH BEND
Hoffman Bros. Auto
Electric, Inc.
402-4 North Eddy Street

McComb Battery Co., Inc.
431 South Main Street

TERRE HAUTE
Smith and Decker, Inc.
1026 Wabash Avenue

Terre Haute Battery &
Electric Co., Inc.
35 North Fifth Street

United Auto Electric Co.,
Inc.
112-16 North Fifth Street

IOWA

BURLINGTON
Meacham Electric Service
500 N. Main Street

DAVENPORT
Emeis Electrical Service
218-224 Iowa Street

DES MOINES
Electrical Service & Sales
Co.
1313-15 Walnut Street

DE WITT
Dobler Battery & Electric
Service
710 6th Avenue

DUBUQUE
B & G Automotive Parts, Inc.
1084-90 Iowa Street

FORT DODGE
Central Auto Supply Co.
808 First Ave., North

MARSHALLTOWN
U.S. Battery & Electric Co.
101 S. Third Street

MASON CITY
Floyd & Leonard Auto Elec.,
Inc.
116 South Washington Avenue

WATERLOO
Central Battery & Electric
Co.
313 West Fifth Street

KANSAS

HUTCHINSON
Hilton Electric Co.
122-128 E. Sherman

WICHITA
* The E. S. Cowie Electric
Co.
230 S. Topeka

KENTUCKY

COVINGTON
Kentucky Motor Service
235 Scott Street

PADUCAH
Story Electric & Battery Co.
621 Jefferson Street

LOUISIANA

LAFAYETTE
A-C Suhren Corp.
214 Vermillion Street

NEW IBERIA
D. H. Castille
Iberia & St. Peters Sts.

NEW ORLEANS
* A. C. Suhren Co.
4640 Carrollton

MAINE

BANGOR
Arvid L. Ebbeson
397 Main Street

GARDINER
Bailey Auto Electric
328 Maine Avenue

PORTLAND
American Gear Co. of
Portland, Inc.
365 Forest Avenue

MARYLAND

BALTIMORE
Ditch, Bowers & Taylor, Inc.
North & Mt. Royal Avenues

Parks & Hull Automotive
Corp.
1033 Cathedral Street

United Automotive Service,
Inc.
210 West 29th Street

ROCKVILLE
United Carburetor Service
606 E. Montgomery Avenue

WESTMINSTER
Bearings Service Co.
11-13 Liberty Street

MASSACHUSETTS

ALLSTON
United Auto Service
20 Fordham Road

BOSTON
Boston Speedometer
Service Co.
116 Brighton Avenue

* W. J. Connell Co.
121 Brookline Ave.

BROCKTON
Bettridge Sales & Service
263 Warren Avenue

CAMBRIDGE
Prospect Carburetor and Auto
Electric Service, Inc.
360 Prospect Street

Superior Electric Service,
Inc.
301 Massachusetts Avenue

FALL RIVER
Williston's Auto Electric
Service
81 Troy Street

FITCHBURG
Fitchburg Auto Electric Co.
214 Lunenburg Street

GARDNER
Rod's Auto Electric Service
Co.
85 Jean Street

GLOUCESTER
North Shore Automotive Co.
295 Main Street

HOLYOKE
Holyoke Auto Electric
Service
5 Brown Avenue

LOWELL
Markus Motor Service
French & John Streets

LYNN
Victor Auto Supply
319 Washington Street

NATICK
(S) W. H. Barr
6 South Avenue

NEW BEDFORD
Don's, Inc.
12 Cook Street

NO. ADAMS
Noel, Inc.
218 Ashland Street

NORTHAMPTON
C & I Automotive Supply
228 Pleasant Street

NORWOOD
Klep's Auto Electric Service
770 Providence Highway

QUINCY
Carl Berglund & Son
105 Adams Street

ROCKLAND
Brooks Auto Electric
76 Liberty Street

MASSACHUSETTS-Cont'd.

SALEM
C. F. Hallin Co.
274 Derby Street

SPRINGFIELD
E. B. Altmus Co., Inc.
109 Dwight Street

Springfield Auto Electric
Co.
50 Carew Street

WALTHAM
Sullivan Automotive Service,
Inc.
1017 Main Street

WEST NEWTON
Newton Carburetor & Ignition
Co., Inc.
979 Watertown Street

WORCESTER
Christie & Thomson, Inc.
3 Quinsigamond Avenue

Jenkins & Robinson, Inc.
69 Central Street

MICHIGAN

ANN ARBOR
A & L Battery & Electric
529 S. Main Street

(S) Larmee Battery &
Electric Service
112 S. Ashley

BATTLE CREEK
Haddock Bros.
19 Green Street

BAY CITY
Valley Electric Service Co.
1110 N. Madison

BENTON HARBOR
Auto Electric Service
246 W. Main Street

BIRMINGHAM
Auto Parts & Equipment Co.
1600 S. Woodward Avenue

DETROIT
ABC Auto Electric
4730 Joy Road

* Auto Electric & Service
Corp.
90 Selden Avenue

Campus Auto Electric
15910 Livernois

Clark Bros. Instrument Co.
10300 Whittier

Dix Auto Electric Service
3923 W. Vernor Highway

E & L Auto Electric &
Tire Co.
12024 Livernois

Fred's Auto Electric
10749 Fenkell Avenue

General Speedometer Service
11501 Woodward Avenue

Klann Auto Electric
10350 Harper Avenue

DETROIT-Cont'd.

Theodore Electric
7221 Theodore

United Auto Electric & Parts
Co.
17455 Grand River

West Fort Wiper Service
8122 W. Fort Street

EAST DETROIT
Auto Clinic
22130 Gratiot Avenue

ESCANABA
Richie Electric Co.
111 N. 11th Street

FLINT
Gates & Graves
110 W. 7th Avenue

Ross Sales Co.
1531 Detroit Street

GRAND RAPIDS
Auto Clinic
500 Monroe Ave. N.W.

Barnaby's
44 Sheldon Ave. S.E.

Rowerdink, Inc.
62-68 Commerce Ave. S.W.

IRONWOOD
(S) Beauchamp Carburetor &
Electric Co.
128 W. Aurora Street

KALAMAZOO
M & T Battery & Electric
131 W. Kalamazoo Avenue

Ralph M. Ralston Co.
205 N. Park Street

LANSING
General Parts & Service
511 N. Grand Avenue

Whitmore Automotive
305 River Street

MARQUETTE
Carroll Motor Supply
321 S. Front Street

MENOMINEE
Automotive Products Co.
623 First Street

MUSKEGON
Harold G. Davis & Son
1952 Peck Street

OWOSSO
Ross Automotive Supply
216 N. Park Street

PETOSKEY
R & L Auto Electric
419 Howard Street

PONTIAC
Auto Electric Shop
367 S. Saginaw Street

PORT HURON
Sparkling's Auto Electric
611 Huron Avenue

ROYAL OAK
Rolls Battery & Electric
Service
511 S. Main Street

SAGINAW
George Electric
304 N. Hamilton

Russell Electric Co.
1915 N. Michigan Avenue

VAN DYKE
Van Dyke Auto Electric
21433 Van Dyke

MINNESOTA

ALBERT LEA
Smith Tire & Electric Co.

GLENCOE
(S) Walter Beneke Garage

MINNEAPOLIS
Fowler Electric Co.
2901 Nicollet Avenue

W. E. Lahr Co.
30 South 10th Street

MacAndrews & Co.
1209 Hennepin Avenue

* Reinhard Bros. Co.
11 S. 9th Street

MONTEVIDEO
Wogan Auto Electric

ROCHESTER
Parkhill Bros.
111 4th St., S.W.

ST. CLOUD
Stevenson's
22 5th Ave., N.

ST. PAUL
Gruber Auto Electric
263 W. Kellogg Blvd.

Motor Supply & Machine Co.
153 W. Sixth Street

MISSISSIPPI

JACKSON
Noel's Auto Electric
Service, Inc.
134 East South Street

MISSOURI

JOPLIN
Motor Electric Service
622 Wall Street

KANSAS CITY
* The E. S. Cowie Electric
Co.
1819 Wyandotte Street

SPRINGFIELD
Cave Carburetor Exchange
307 W. Pershing

Crosby Auto Parts Service,
Inc.
507 St. Louis

MONTANA

KALISPELL
Sunset Carburetor & Electric
Co.
427 Main Street

MISSOULA
Motor Supply Co.
223 N. Pattee Street

NEW HAMPSHIRE

CONCORD
Merrill & Cote, Inc.
151 North Main Street

MANCHESTER
Kinne Electric Service
519 Elm Street

NASHUA
Nashua Battery Shop
2 Otterson Street

NEW JERSEY

ATLANTIC CITY
Irwin's Auto Electric Co.
2722 Atlantic Avenue

CAMDEN
Camden Storage Battery Co.
1459 Haddon Avenue

Harry K. Pape & Sons
1429 Haddon Avenue

NEW MEXICO

CLOVIS
Central Auto Electric
221 E. 7th Street

NEW YORK

BATAVIA
Devener Auto Electric Co.
283 W. Main Street

BINGHAMPTON
United Auto Parts Co.
82 Washington Street

BRONX
Chamic Speedometer Repair
1647 Webster Avenue

Official Distributing Corp.
2227 Westchester Avenue

Riverside Supply, Inc.
893 Southern Blvd.

BROOKLYN
Benson Auto Elec. & Carb.
Service
8666 18th Avenue

Bushwick Lock & Key Service
1388 Bushwick Avenue

Crude's Perfect Vision
787 Coney Island Avenue

Economy Carb. Dist.
1479 Linden Blvd.

Ideal Battery & Ignition
297 Irving Avenue

Jassen Auto Supply
131 Manhattan

BROOKLYN-Cont'd.

John Licht
8698 18th Avenue

Motor Ignition Co.
975 4th Avenue

Ridgewood Battery Sales Co.
1189 E. New York Avenue

* E. A. Wildermuth, Inc.
1102 Atlantic Ave.

Wilson Auto Electric Service
3413 Fort Hamilton Parkway

BUFFALO
Joseph Strauss Co. Inc.
25 High Street

CORTLAND
A. W. Bean
44 Clinton Avenue

ELMIRA
Chapin-Owen Co., Inc.
Market & Railroad Avenue

W. H. Ritter
307 Railroad Avenue

FULTON
James T. Marra
501 W. 3rd Street

GLEN COVE
(S) Cavallieri Motor Service
112 Glen Cove Avenue

GLEN FALLS
Ehrlich Glen Falls, Inc.
149 Bay Street

HEMPSTEAD, L.I.
(S) Oman Bros. & Co.
236 Main Street

HERKIMER
Bud's Auto Electric
307 S. Caroline Street

HICKSVILLE, L.I.
Nassau Center Auto Elec.
24 N. Jerusalem Ave.

JAMESTOWN
Service Station Supply Co.
2nd & LaFayette Street

LOWVILLE
(S) Spencer Reed
7 State Street

NEW ROCHELLE
Marnis Motors
288 Main Street

NEW YORK CITY
Commercial Auto Maintenance,
Inc.
519 W. 23rd Street

OLEAN
Henry H. Hill, Inc.
115 W. Sullivan Street

OGDENSBURG
Ogdensburg Battery Co.
209 Catherine Street

ONEIDA
Frey Auto Supply
129 Broad Street

OSWEGO
Morabito Automobile Service
45 W. 2nd Street

PORT JERVIS
Fisher's Automotive Service
28 Front Street

PORT RICHMOND, S.I.
William S. Archer, Inc.
1960 Richmond Terrace

ROCHESTER
Harmon Automotive Corp.
16 Charlotte Street

ROME
The Ferguson Electrical Co.
310 W. Whitesboro Street

SCHENECTADY
Ehrlich Schenectady, Inc.
928 State Street

SYRACUSE
* F. A. Crossman, Inc.
943 W. Genesee Street

Frank Gabriel
1022 S. Clinton Street

Universal Service Co.
943 W. Genesee Street

TROY
Ehrlich Electric Service,
Inc.
200 4th Street

O'Brien Tire & Battery
450 5th Avenue

UTICA
Stiefvater Electric Co.,
Inc.
320 LaFayette Street

WATERTOWN
(S) North Country Battery
Sales
621 State Street

YONKERS
Farbach Carburetor &
Ignition Service, Inc.
10 Ludlow Street

Three X Service
458 Saw Mill Road

NORTH CAROLINA

BURLINGTON
Auto Parts & Electric Co.
South Church Street

CHARLOTTE
* Carolina Rim & Wheel Co.
312 N. Graham Street

DURHAM
Clark & Sorrell, Inc.

GOLDSBORO
Shaver Battery & Parts Co.
116 W. Mulberry Street

GREENSBORO
Dixie Sales Co. Inc.
327-9 Battleground Avenue

HICKORY
The Flowers Co.
16 First Avenue

ROANOKE RAPIDS
Harding & Grizzard, Inc.
138 Roanoke Avenue

ROCKY MOUNT
Shaver Battery & Parts Co.
210 Hill Street

OHIO

AKRON
(S) Hardy's Wiper Service
878 E. Waterloo Road

Hopkins & Kipp Auto Electric
350 W. Bowery

ASHTABULA
Friends Auto Electric
3705 State Road

Larson Auto Electric
1819 E. 44th Street

BRYAN
Dick's Auto Electric
213 S. Walnut Street

CANTON
Carburetor Sales & Service
820 E. Tuscarawas Street

CINCINNATI
* Auto & Aero Supply Co.
1711 Race Street

Hooper Ignition Service
2724 Woodburn Avenue

George J. Hirst Co.
806 Plum Street

CLEVELAND
* Cleveland Ignition Co.
1301 Superior Avenue

Pat Young Service
1550 W. 25th Street

CONNEAUT
Holden Automotive Service
340 State Street

DAYTON
Auto Electric Equipment Co.
21 N. St. Clair Street

Ludlow Battery & Ignition
421 S. Ludlow Street

Standard Parts Co.
28 Washington Street

EASTLAKE
Hinkel's Service
36530 Lake Shore Blvd.

FINDLAY
(S) Traucht Auto Electric
112 W. High Street

GREENVILLE
Cedar Point Auto Supply
Box 192

LORAIN
Henkels Auto
1721 Broadway

MANSFIELD
Forts Auto Electric
118 Park Avenue

NORWOOD
Hauss & Co.
2075 Mills Avenue

PORTSMOUTH
Bill Hedges Auto Parts
925 4th Street

SIDNEY
The Dixie Auto Part Co.
N. Dixie Highway

STEUBENVILLE
Tobin Auto Electric
807 Market Street

TOLEDO
* Toledo Auto Electric Co.
35 17th Street

TROY
Miami Parts Co.
723 S. Market Street

WARREN
Auto Electric Service

OKLAHOMA

OKMULGEE
Herman's Auto Parts

PAWHUSKA
Monger Bros. Auto Parts

TULSA
* J. C. Hamilton Co.
225 E. 10th Street

OREGON

PORTLAND
Ed's Auto Electric Service
215 S. E. Grand Avenue

Radke's Auto Electric
Service
6666 North Columbia Blvd.

* Tracey & Co., Inc.
N. W. 10th & Glisan Streets

PENNSYLVANIA

ALLENTOWN
Electric Equipment & Service
613 Linden Street

BRADFORD
Hammond & Johns
104 Chesnut Street

CLEARFIELD
Gray Storage Battery
Rear 212 N. 3rd Street

ERIE
Briggs-Hagenlocher, Inc.
208 W. 12th Street

Silvers Auto Parts Co.
134 W. 3rd Street

EVERETT
Service Electric Co.
Main St. & Ridge Avenue

HARRISBURG
United Automotive Service
236 S. Cameron Street

PENNSYLVANIA-Cont'd.

HAZELTON
Chisnell, Inc.
27th & N. Church Streets

Kapes Auto Electric
29 N. Poplar Street

JOHNSTOWN
Beers Auto Electric
134 Jackson Street

LANCASTER
John E. Landis Co.
Manheim Pike, Box 397

LEBANON
Krall Battery & Ignition Co.
5th & Cumberland Streets

LEWISTOWN
Thoman Auto Electric
227 Valley Street

PHILADELPHIA
(S) Billy, the Speedometer
Man
4914 N. Broad Street

(S) Philadelphia Hydraulic
Shock Absorber Co.
2329 N. 15th Street

* Sullivan Bros.
1716 Fairmount Avenue

PITTSBURGH
* Automotive Ignition Co.,
Inc.
6358 Penn Avenue

POTTSTOWN
Nottle Auto Parts
516 Chesnut Street

SCRANTON
Rudolph's Elec. Service
33 E. Jackson Street

Scranton Auto Ignition Co.
1133 Wyoming Avenue

SOMERSET
Wheeler Electric, Inc.
303 N. Center Street

WARREN
Parish Battery & Electric
Service
6 Market Street

YORK
Frank A. Duff
228 W. Market Street

YOUNGWOOD
Stewart's Speedometer & Auto
Clock Service
110 S. 3rd Street

RHODE ISLAND

NEWPORT
West Automotive Service
6 West Marlborough Street

PROVIDENCE
Auto Electric Service
145 Broadway

SOUTH CAROLINA

GREENVILLE
Battery & Electric Co.
300 Buncombe Street

TENNESSEE

JACKSON
Frankland's
Market & Chester Sts.

KNOXVILLE
* R. T. Clapp Co.
401 Broadway, N. W.

MEMPHIS
* Automotive Electric
Service Co., Inc.
982 Linden Avenue

UTAH

OGDEN
Geo. Shepherd Auto Service
2301 Kiesel Avenue

SALT LAKE CITY
* Frank Edwards Co.
601 S. State Street

WASHINGTON

ABERDEEN
Bailey Service, Inc.
111 N. Broadway

BREMERTON
Sheets Auto Electric Co.
816 Sixth

CHEHALIS
Enterprise Electric Co.
986 Chehalis Avenue

KELSO
Dahl's Electric Service
507 Main St. West

MT. VERNON
Leitner Electric Co.
408 South 2nd Street

OLYMPIA
Specialized Service, Inc.
700 East 4th Street

PASCO
Lay & Nord
113 North Third Street

PT. ANGELES
Dobson Auto Electric Co.
210 First St. West

SEATTLE
Fremont Electric Co.
744 N. 34th Street

* Sunset Electric Co.
300 Westlake North

SPOKANE
Gill Automotive Co.
167 S. Lincoln St.

* Sunset Electric Co.
N. 703 Division St.

TACOMA
Automotive Equipment Co.
1740 Pacific Avenue

VANCOUVER
Munro & Bolma
206 West 8th St.

WALLA WALLA
Walla Walla Motor Supply Co.
126 E. Alder Street

WENATCHEE
Automotive Electric Co.
222 So. Wenatchee Avenue

YAKIMA
Lay & Nord,
112 S. 2nd Street

WISCONSIN

APPLETON
Schreiter Auto Supply Co.
693 W. College Avenue

FOND DU LAC
Erickson Electric Co.
108 S. Macy Street

GREEN BAY
Van's Battery & Electric Co.
317 North Monroe Street

MADISON
Automotive Electric Sales Co.
644 East Main Street

MARSHFIELD
Auto Electric Service Co.
426 South Central Avenue

MILWAUKEE
* Wisconsin Magneto Co.
918 N. Broadway

MONROE
Burkhard Auto Electric
1715 12th Street

SUPERIOR
Neuman Automotive Service
1111 Ogden Avenue

CANADA

BRITISH COLUMBIA
* Bouldbee Ltd.
1025 Howe Street
Vancouver.

MANITOBA
* Beattie Auto Electric Ltd.
170 Fort Street
Winnipeg.

ONTARIO
* Auto Electric Service Co.
Ltd.
1009 Bay Street
Toronto.