

Service Bulletin

DECEMBER

1957

NO. 332

SOUTH BEND 27, INDIANA

SERVICE INFORMATION

FOR THE

ECON-O-MILER

TAXICAB

GENERAL INFORMATION

MODEL	BODY STYLE	BODY SYMBOL	ENGINE	WHEEL BASE
58G	4 Dr. sedan	Y-1	6 cyl. - 185 cu. in.	120-1/2"

STARTING ENGINE NUMBER

1228401

STARTING SERIAL NUMBER

G-1405401

HORSEPOWER

21.6 N.A.C.C.

BODY

The body is similar in design to the 4-door sedan body used on the 1958 President 58H models. For service information refer to 1956 Studebaker Passenger car shop Manual and the Body section in the 1957 shop Manual supplement. The headliner has a Zipper Opening for access to the **outside overhead** light.

BODY DIMENSIONS

Overall height	60"
Overall width	76"
overall length	206"
Tread - front	56 11/16"
- rear	55 7/8"
Front headroom	36"
Rear headroom	35"
Front legroom	43"
Rear legroom	43"
Steering wheel-to-Front seat Clearance	5.5"

BRAKE SYSTEM

For service information refer to the Brake section of the 1956 Shop Manual and 1957 Supplement and Studebaker Service Bulletin No. 329 as it applies to 58B Commander models. Power brakes are optional. Hill holder is optional with the 3 speed transmission

CLIMATIZER AND DEFROSTER

Refer to service information as given in the 1957 Shop Manual Supplement and in service Bulletin No, 329 for sedan and station wagon models.

CLUTCH

The clutch is a special heavy duty 9-1/4" diameter clutch. For service information refer to the 1956 Shop Manual as it applies to Champion models equipped with conventional or overdrive transmissions.

COOLING SYSTEM

For service reference see 1956 Shop Manual as it applies to Champion Models. On cars equipped with automatic transmission, the radiator lower tank provides for oil cooling circulation.

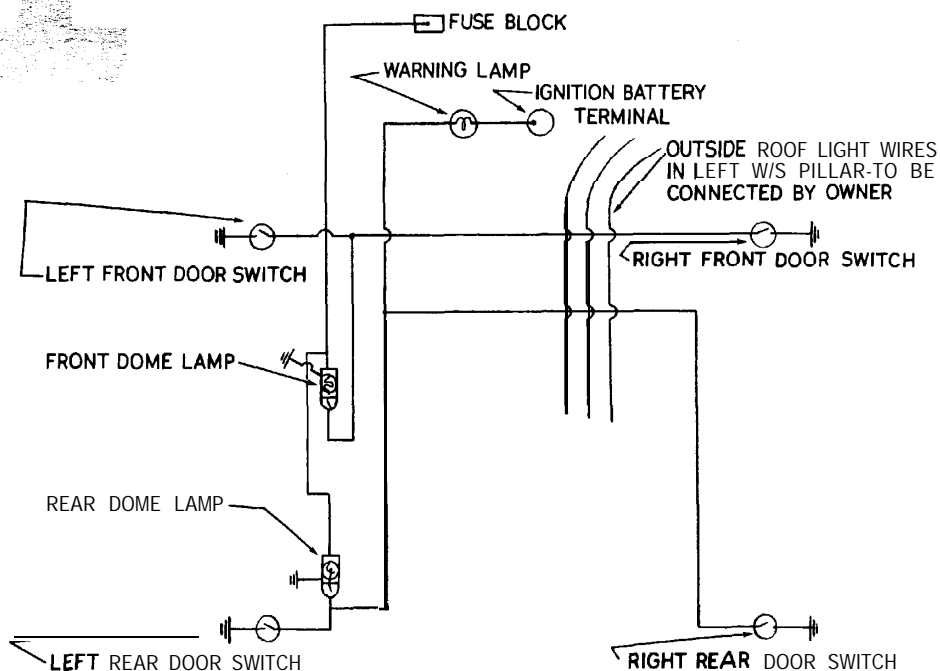
ELECTRICAL SYSTEM

Refer to the 1957 shop Manual Supplement, also to Service Bulletin No. 329 as it applies to Champion models.

The Econ-O-Miler is equipped with a heavy duty 60 ampere battery and standard Auto-Lite 30 amp. generator which are serviced in the same manner as the standard battery and generator used on 1958 Champion and Scotsman models.

service requirements for optional heavy duty, high output and early cut-in generators are the same as for standard equipment Auto-Lite or Delco-Remy generators. For service information on Delco equipment refer to the 1956 Shop Manual, 56B-56H Models.

AC alternator equipment is either Leece-Neville or Delco-Remy and is serviced by their



service stations.

A wiring diagram covering special body wiring is shown in the illustration.

Access to the Outside overhead light is through the zipper opening in the headlining.

ENGINE

The engine is a 6 cyl. with a displacement of 185 cu. in. For service information refer to the 1956 Shop Manual and 1957 Supplement and Service Bulletin No. 329 where the information given for the 6-185 engine will apply.

FRAMES

This is a heavy duty frame and is of the same dimensions as that used in the 58H-Y President models.

FRONT SUSPENSION AND STEERING

For service information see 1956 Shop Manual and 1957 shop Manual supplement as it covers Studebaker Champion Models.

STEERING SYSTEM

The Ross SL54 steering gear is used. For service information refer to the 1957 Shop Manual supplement and service Bulletin No. 329, and apply the information given for the ROSS SL54 Cam and Single Lever Roller Stud Gear.

Service information on power steering is outlined in the Studebaker Service Bulletin No. 329 under the heading "Hydraulic Power Steering."

GASOLINE SYSTEM

Garter carburetor, Model No. BBR1-2724S, having a manually operated choke is used. For service information refer to Service Bulletin No. 326 also to service Bulletin No. 329 and apply the information as shown for the Scotsman models,

PROPELLER SHAFTS AND UNIVERSAL JOINTS

A one piece propeller shaft is used. For service information refer to service Bulletin No. 329. The length of the propeller shaft is the same as that shown for 58H-Y models.

REAR AXLE

The rear axle is of the sane general design as that, installed in 58B Models and servicing information as given in the 1956 Shop Manual and 1957 Supplement and service Bulletin No. 329 will apply.

Service information on the Twin Traction rear axle will apply as snown in the 1957 Shop Manual supplement under the heading of "Twin Traction Differential."

The standard rear axle ratio with 3 speed transmission is 4.09 to 1; 4.27 to 1 is optional. Ratio with automatic transmission is 3.54 to 1.

SPRINGS AND SHOCK ABSORBERS

Heavy duty front Springs are used.

Gabriel heavy duty, adjustable shock absorbers are standard equipment. Three settings are provided. To adjust the shock absorber to a different setting, disconnect the unit at one end, compress the shock absorber completely and turn to right or left to obtain the desired setting as indicated by the alignment marks.

The rear springs are of the 2 stage type with four regular full length leaves and two shorter auxiliary leaves. Service information is the same as given for station wagon models. In general, the information given in Service Bulletin No. 329 under the heading of Springs and shock Absorbers will apply.

TRANSMISSIONS

A 3-speed conventional type transmission, Model T90 is standard equipment. Service information as shown for conventional transmissions in the 1956 Snop Manual and the Service Bulletin No. 329 for standard transmission will apply.

The Flightomatic transmission model AS6-7A is available as optional equipment and service information as given for 58H-K and 58L-K in Service Bulletin No. 329 will apply except for the following;

- (a) 80-85 lbs. per sq. in. oil pressure @1000 rpm.
Idle pressure of 50-80 in all ranges.
Full kickdown (stall) pressure should be 130-175 in D and L ranges, and 170-190 in R range.
- (b) starts in low at all times in D range
- (c) Shift speeds are comparable to Champion shift speeds
- (d) The control valve assembly and governor are basically the same as used on the Champion Models.

WHEELS AND TIRES

6.70x15 - 4 ply tubeless tires are standard equipment. Recommended tire pressures are 26 lbs. front and rear. 6.70x15-4 ply with tubes, 6.70x15 - 6 ply tubeless and 6.70x15 - 4 ply Captive-Air tires are optional at extra cost.

