



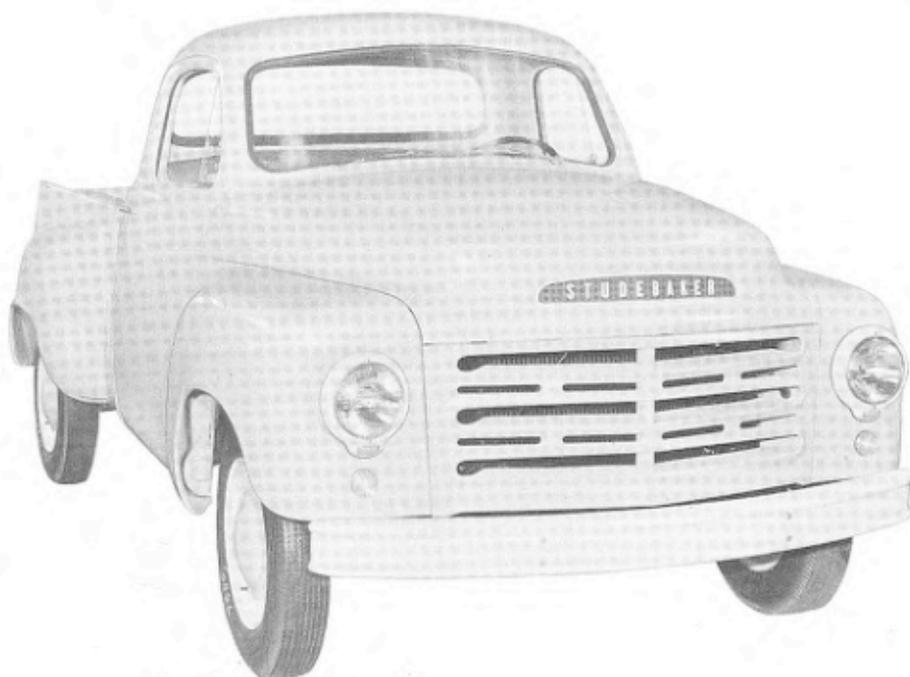
Service Bulletin

FEBRUARY

1958

NO. 334

SOUTH BEND 27, INDIANA



THE
3E1 SCOTSMAN
PICKUP

SPECIFICATIONS

GENERAL

Maximum GVW (lbs.)	4800
Wheelbase (in.)	112
Pickup body length (ft.)	6 1/2
Colors: standard	P5868 Surf Green
	P5870 Waterfall Blue
	P5892 Cliff Gray
special order	P5866 Apache Red
	P5869 Academy Blue
Interior trim	Tan-Brown vinyl

ENGINE

	Work Star 185 Six
Horsepower: Max.gross @ rpm.	92 @ 3800
Max.net @ rpm.	83 @ 3800
Torque: Max.gross @ rpm.152 @ 1800
Max.net @ rpm.150 @ 1400
Displacement (cu.in.)	185.6
Bore & Stroke (in.)3 x 4.38
Compression ratio.	7.5 to 1
Electrical system.	12-volt
Generator.	30 amp.
Battery.	50 amp.
Cooling system capacity (qts.)	10 1/2

POWER TRAIN

Clutch: diameter (in.), area	
(sq. in.)	9 1/4-77.85
Transmissions: 3-speed synchromesh	Standard
Overdrive	Optional
Axle ratings (lbs.): front-rear.	2200-3200
Rear axle ratio.	4.27 to 1
Tires, tubeless, four, 4-PR, Std.	6.00-16

CHASSIS

Frame: Cross-section (in.)	
7 1/32 x 2 17/64 x 9/64	
Section modulus	3.177
Steering	Variable ratio, cam and twin lever
Springs: front	Semi-elliptical
rear.	Semi-elliptical, single stage
Shock absorbers, front-rear	Direct, double action
Brakes, service: front-rear	11 x 2
lining area (sq.in.)177.5
Brakes, parking: type	Rear wheel shoes
lining area (sq.in.)88.75

CHASSIS AND BODY DIMENSIONS

Wheelbase (in.)	112	Body length, inside (in.)	77 13/16
Overall height (in.)*	72 15-16	Body width, inside (in.)	51 1/2
		Body height to top of side (in.)	18 9/16

* Top of cab to ground with standard tires.

OPTIONAL EQUIPMENT, TIRES AND ACCESSORIES FOR FACTORY INSTALLATION

OPTIONAL EQUIPMENT AND TIRES

- Air Cleaner, 1 qt., wet type
- Mirror, outside rear view, short LH
- Mirror, outside rear view, short RH
- Oil filter
- Transmission, overdrive
- Twin-Traction differential
- Windshield wipers, electric
- Spare tire (spare wheel standard)

- Tires: 7.10-15 4-PR
- 6.50-16 6-PR, including HD 2-stage rear springs**

ACCESSORIES

- AC-2753 Climatizer
- Directional signals: AC-2782 Class A, rear
- AC-2844 Class A, front
- AC-2853 Class B, front & rear

** For maximum GVW rating.

Service instructions for the 3E1 model trucks are the same as for the 3E5 model except for the differences noted in this article.

CAB BODY

Instrument Board -- The clean functional instrument board incorporates a recessed pocket for convenient carrying of small articles. See Fig. 1. Direct reading gauges are used for engine temperature and fuel, and indicator lights for battery charge and oil pressure.

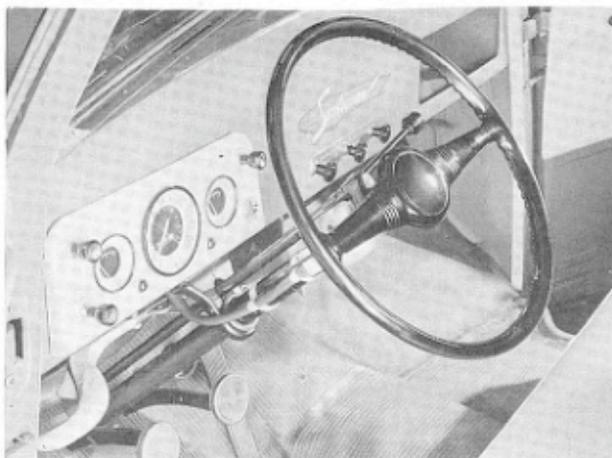


Fig. 1

Seat -- The full width, one-piece seat is adjustable to three positions (see Fig. 2). The seat back automatically adjusts for each change in position, being hooked to the seat cushion and fastened to the cab back panel at the top by two hinges. To remove the seat

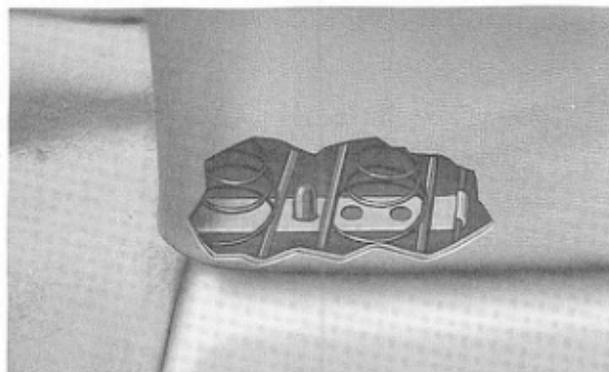


Fig. 2

back, remove the hinge pins.

Grille -- The 3E1 model has a sheet metal grille and is retained by 3 bolts at each fender and by 2 bolts at brace rods which also retain the hood latch plate (see Fig. 3).

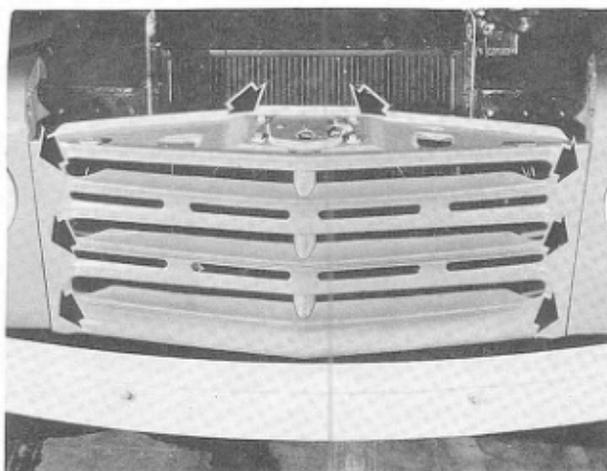


Fig. 3

ELECTRICAL SYSTEM

Head lamp -- The parking lamp is incorporated in the headlamp assembly as illustrated in Fig. 4. To replace the Sealed Beam unit or parking lamp, remove the headlamp rim.

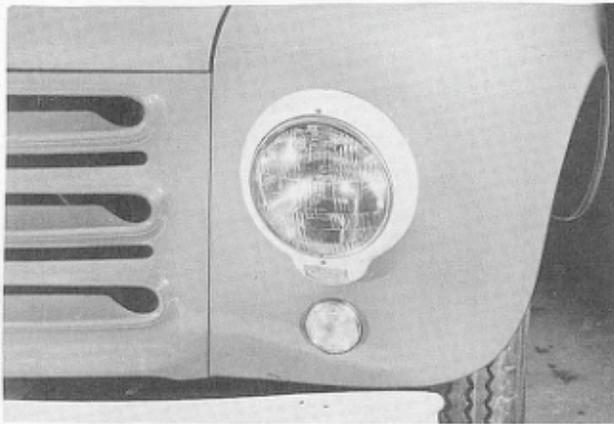


Fig. 4

To remove the Sealed Beam unit, remove the retaining ring taking care not to permit the unit to fall out. Disconnect the unit by slipping the socket off the lamp terminals. When installing a new unit be sure that the socket is connected securely.

Aiming Headlamps -- To aim (adjust) the headlamps, use an adjusting screen or headlamp tester. The screw at the top of the headlamp body (1, Fig. 5) controls the vertical adjustment, whereas the screw at the left of the headlamp body (2) controls the horizontal adjustment.

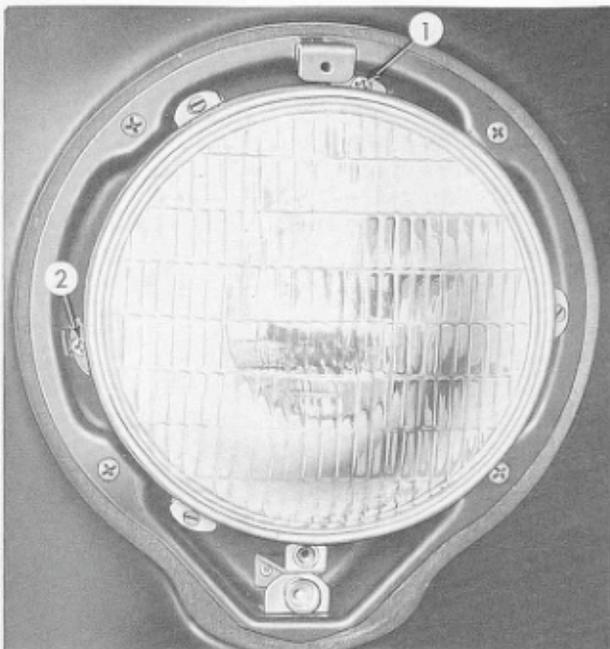


Fig. 5

1. Vertical Adjustment 2. Horizontal Adjustment

GASOLINE SYSTEM

Carburetor -- A Carter BB1-2125S carburetor is used on the Scotsman pickup truck. Except for the accelerator rod lever position, the carburetor is identical to the one used on the Scotsman passenger cars. The servicing information is given in Service Bulletin No. 326.

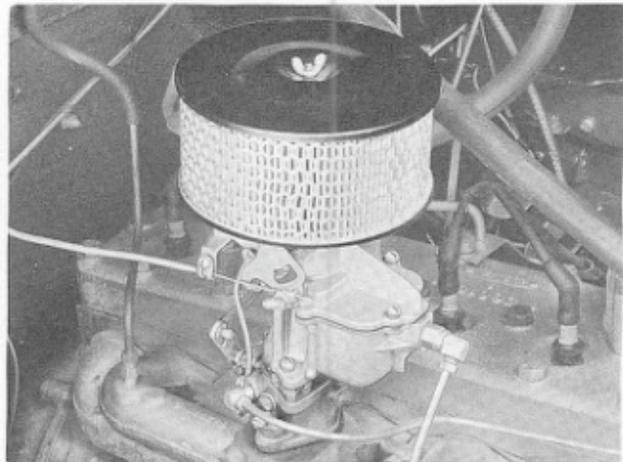


Fig. 6

Air Cleaner -- The air cleaner is also similar to the Scotsman passenger car in that it is plasticized paper filter element type (see Fig. 6).

SPRINGS AND SHOCK ABSORBERS

Shock absorbers -- The front shock absorbers on the 3E1 model are identical to those used on the 3E5 models. The rear shock absorbers, however, have a special valving and should be used only on the 3E1 models.

WHEELS AND TIRES

Spare Tire -- The spare tire is mounted at the front wall of the body (see Fig. 7).

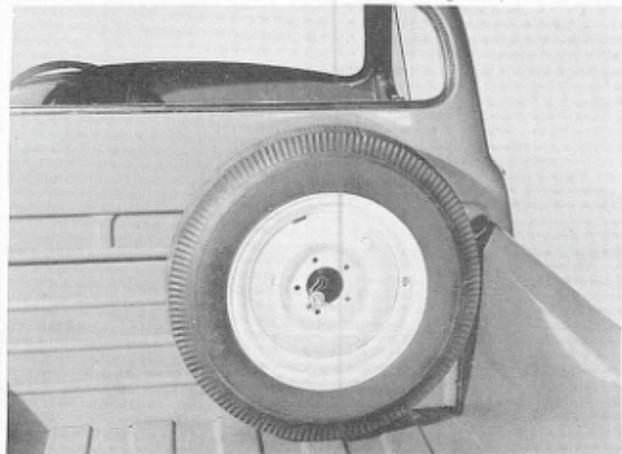


Fig. 7



STUDEBAKER-PACKARD CORPORATION

SOUTH BEND, INDIANA

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