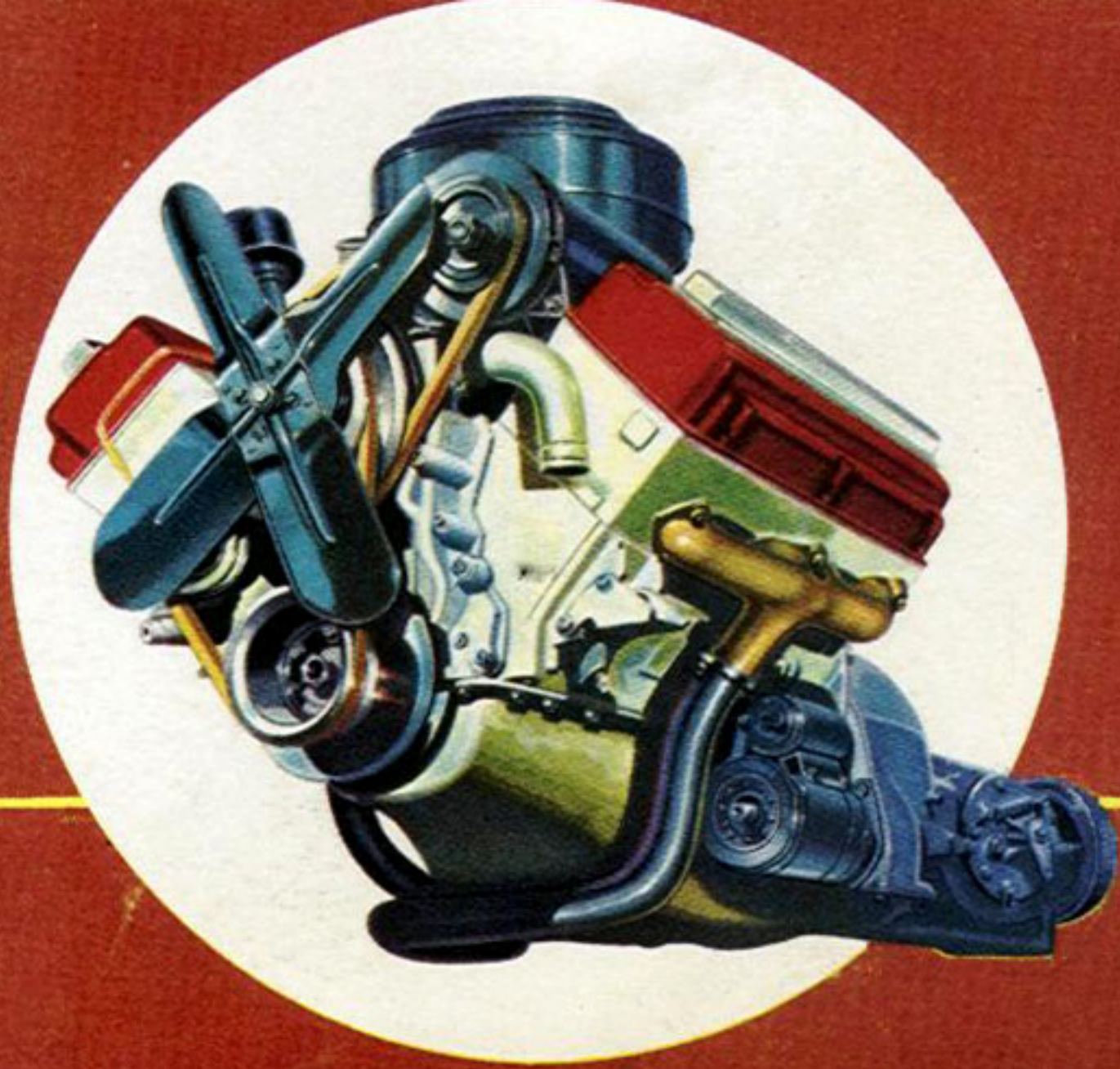


DE SOTO
FIRE DOME
V-8 ENGINE

160 Horsepower



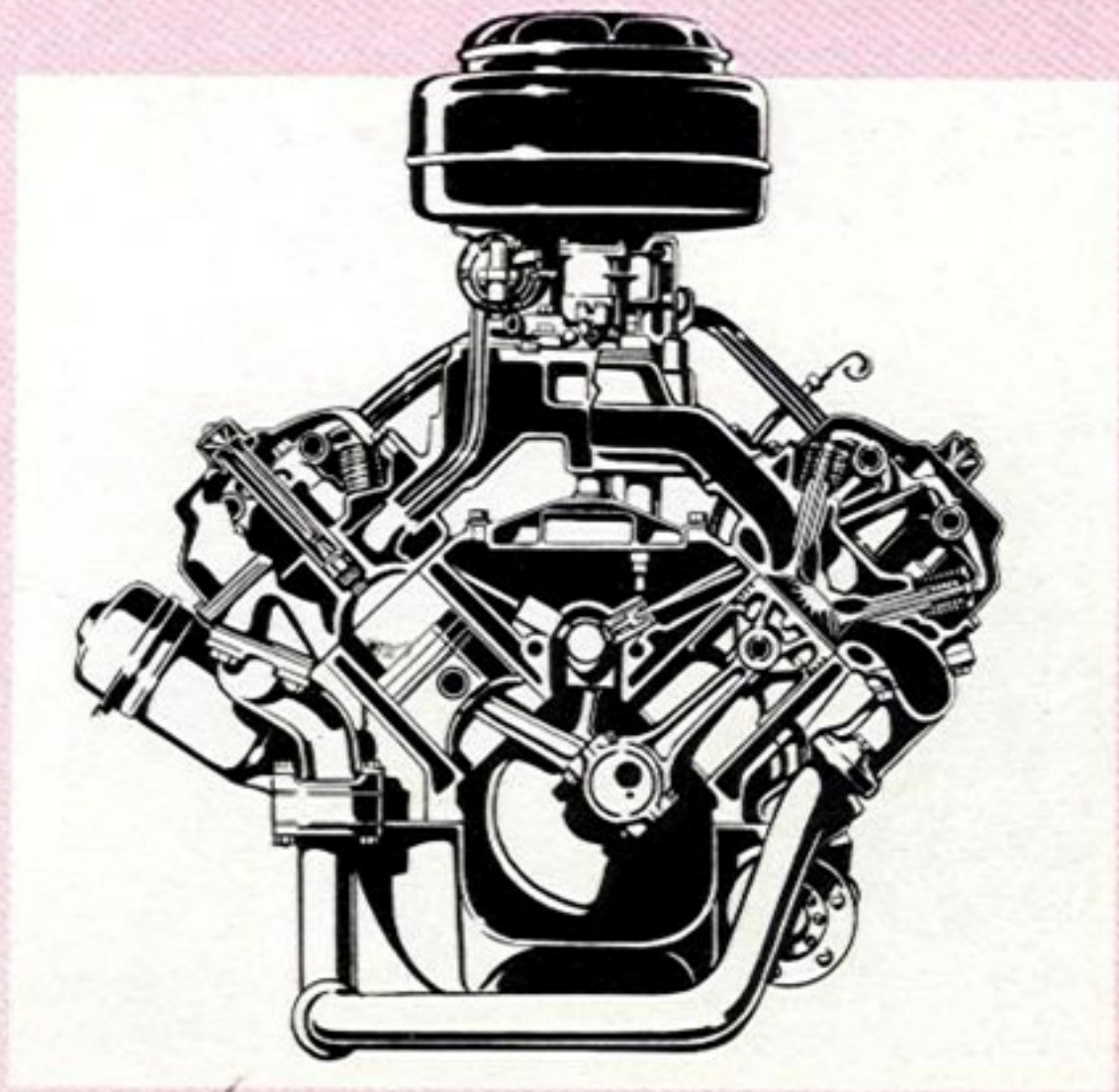


America's most Sensational New Type of Automobile Engine!

It's the engine you've heard about . . . read about . . . De Soto's mighty 160 horsepower Fire Dome V-8! The secret of its tremendous power is its dome-shaped combustion chambers. They make it possible for the Fire Dome V-8 to convert fuel energy into driving power more efficiently than any other type engine! It's the most powerful engine design yet produced in America!

Designed for Maximum Efficiency and Power!

THE De Soto Fire Dome V-8 Engine puts you in command of power that you never dreamed possible . . . power that is mighty important to have in the pinches! You get terrific acceleration when you need it . . . from any speed you happen to be traveling. And all of this great performance . . . a full 160 horsepower . . . is produced on regular gas. You don't need premium fuel!



How The DESOTO FIRE DOME V-8 Devel

MOST EFFICIENT COMBUSTION CHAMBERS!



They're dome-shaped . . . with centered spark plugs and big, laterally-placed valves. This achieves short flame travel . . . quicker, more complete combustion . . . reduces loss of heat energy through chamber surface.

MOST EFFICIENT VALVE DRIVE!



Lateral placement allows big valves with high lift and direct-flow porting. Noiseless hydraulic tappets give actuation through new arrangement of push rods and rocker arms with twin rocker shafts.

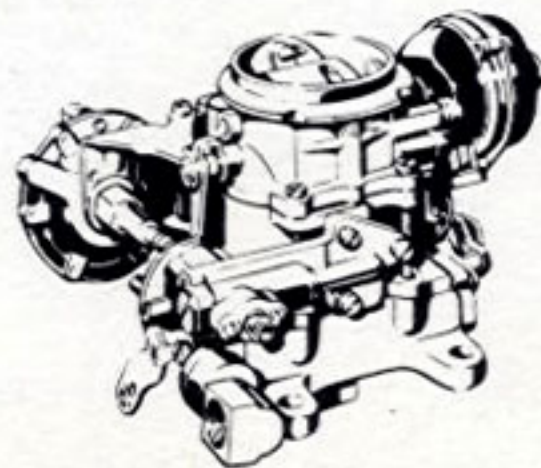
ops **MORE HORSEPOWER** per cubic inch!

MOST EFFICIENT MANIFOLDING!



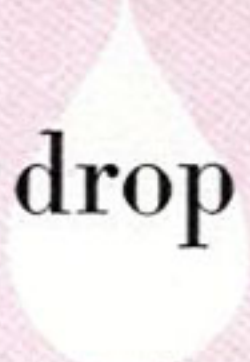
The engine "breathes" easily . . . fuel-air mixture travels downhill from carburetor, through intake manifold, into combustion chamber. After combustion, gases continue downhill through exhaust manifold.

MOST EFFICIENT CARBURETION!



Fresh, cool air is fed direct to dual-throated, down-draft carburetor . . . each cylinder gets perfect mixture of fuel and air at all speeds . . . for peak power, maximum economy.

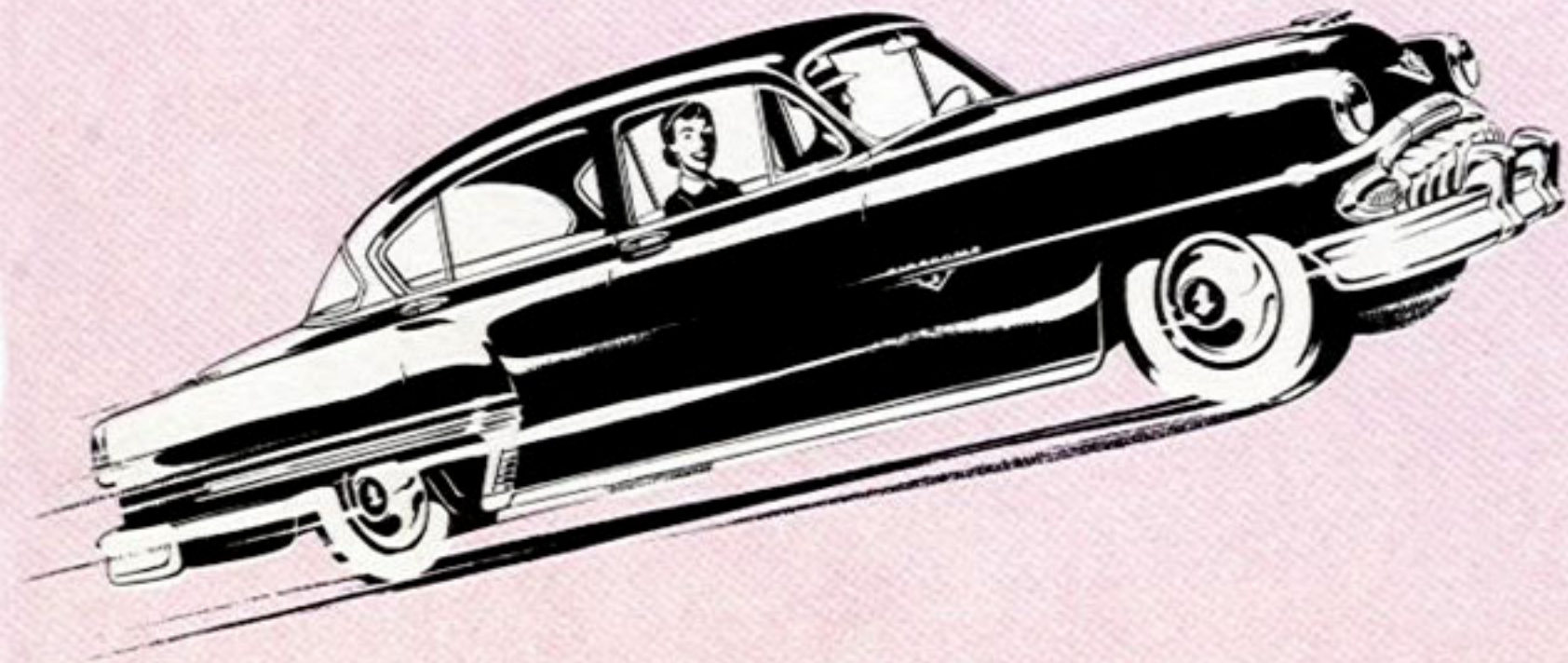
Fire Dome Produces more power per drop of GAS



THE ingenious design of the De Soto Fire Dome V-8 Engine provides remarkable fuel efficiency as well as amazing power!

With all of its thrilling acceleration and spectacular cruising performance, premium gasoline is not necessary!

This adds up to important economy over the years. The Fire Dome V-8 makes every drop of fuel produce greater power . . . on regular gas!



DeSoto FireDome V-8 Engine Specifications

- Eight cylinder 90° V
- 160 horsepower at 4400 rpm
- Inclined, lateral overhead valves
- Piston displacement 276.1 cu. in.
- Bore and stroke $3\frac{5}{8} \times 3\frac{11}{32}$
- Compression ratio 7.1 to 1
- Maximum torque 250 lb. ft. at 2000 rpm

DE SOTO DIVISION • CHRYSLER CORPORATION • DETROIT, MICHIGAN