

Aero Willys



DUPONT MOTOR CO., INC.
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The shape of cars to come

WILLYS HAS



* Performance

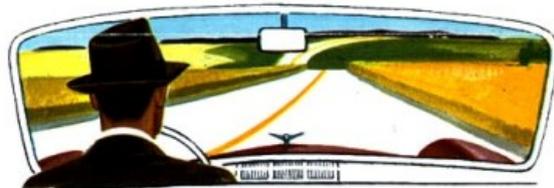
The agile, lively *Aero* Willys is a sheer delight to drive! Its low weight and spirited power give you surging pickup and effortless cruising speed. Aerodynamic design cuts air drag and hushes wind roar, and its low center of gravity hugs it to the road on curves. Handling is so light and easy, you end a day-long drive feeling fit and fresh.

everything

* Roominess



The interior roominess of the *Aero* Willys is startling, for aero-design provides more space inside for passenger comfort. Both front and rear seating width is 61 inches, and there is ample head-room and leg-room. Interior spaciousness and the smoothness of an "airborne" ride give you the luxurious comfort you enjoy in the largest cars.



* Visibility

Not one or two but *all four fenders* can be seen from the driver's seat—a wonderful aid to safer driving and easier parking. There's panoramic visibility in every direction, too—through the wide windshield and large, deep side and rear windows. And the deeply sloped plane-wing hood lets you see the road just 10 feet in front of the car!

* Rigid Aero-Frame Construction

The *Aero* Willys is built on principles of airliner construction—the body and frame welded into a single rigid unit. The result is a stronger, safer car structure, with the rugged stamina and long life you would expect from the makers of the world-famous 'Jeep.'



YOU WANT IN A CAR



and Unmatched Economy



YOU SAVE ON FUEL—With its low weight, more perfect streamlining and high-efficiency engines, the *Aero* Willys has surpassed in gasoline mileage every six-passenger American car tested against it under the same conditions. In an independent survey, owners of *Aero* Willys with over-drive reported averaging more than 27 miles per gallon in country driving.

YOU SAVE ON OIL—Our own severe road tests and owners' experiences show the *Aero* Willys to be amazingly economical on oil. You rarely add oil between drain periods in normal driving.

YOU SAVE ON ANTI-FREEZE—You need only 3 quarts of permanent-type anti-freeze to protect to 10°—only 4½ to 10° below zero.

YOU SAVE ON TIRES—*Aero* Willys tires are actually "oversize" for the car's weight, giving a softer ride and longer tire life. And they are economical to buy when you need new tires. (See specifications.)

YOU SAVE ON REPAIRS—Willys engines, made by the skilled workers who build the famous 'Jeep' engine, are famous for long service with minimum attention to keep them at high efficiency. Simplicity of design, with fewer parts, keeps repair cost low.

YOU SAVE ON MAINTENANCE—The rigidity and welded strength of single-unit aero-frame construction means long service, with minimum maintenance, from an *Aero* Willys.



THE Aero Eagle

The beautiful flowing lines of the Aero-Eagle are as expressive of its fleet, care-free performance as are the sweep-back wings of the latest aircraft. With the high-spirited, 7.6-compression Hurricane 6 Engine under its plane-wing hood, the Aero-Eagle loads along at 50 and cruises with ease at 75, where the limit allows.

Its broad, one-piece windshield, wrap-around rear window and sweep of open sides make you feel "out-of-doors" ... but you have the strength of steel above you. Gorgeous color combinations, repeated in the Color-Symphony interiors, make the Aero-Eagle a car of true beauty, a joy to own.

BEAUTIFUL Color-Symphony INTERIORS



The interior of the Aero-Eagle, shown here, is a symphony of singing color, scintillating chrome and softly muted fabrics. Note how the Sabre Rouge body color is repeated on the dash and window moldings and matched by the door panels and leather-like trim that contrasts the luxurious upholstery material. The Aero-Ace, too, offers color-matched interiors as smart and new that you are always proud to open the door of your Aero Willys.

Aero-Willys for 1953



The luxurious Aero-Ace 4-Door Sedan... in beautiful new color combinations, with Color-Symphony interiors... powered by the responsive, economical Hurricane 6 Engine—a car with the distinction and "airborne" comfort that make it America's perfect family car.

THE Aero-Ace



The Aero-Ace 2-Door Sedan, like the 4-door model, has a one-piece windshield and wide, wrap-around rear window for unsurpassed visibility... Color-Symphony interiors... and the powerful, long-mileage Hurricane 6 Engine.

Ten years of research created in the Aero-Willys the car that has long been the goal of motordom—beautiful of line... with big-car comfort... yet far ahead of the others in economy. Every detail, such as the convenient gas filler near the rear center, was designed for your convenience, comfort and safety.



The Aero-Falcon 4-Door Sedan gives you the interior spaciousness of front and rear seating more than 5 feet wide... beautiful custom-styled interiors... superb visibility... and the economy and long life of the Lightning 6 Engine.

Just as aero-frame construction provided more usable space inside the Aero Willys for passenger roominess, it has made possible a luggage compartment of unusual size and convenience. Only when you pack up for your first family vacation will you realize how much you can carry in this surprising car. The spare tire is mounted at the side of the compartment to permit removal without unpacking all your luggage.



In this view of the Aero-Falcon 2-Door Sedan, your eye can see the aerodynamic streamlining that lessens air drag and gives you a quiet ride with less wind roar at high speeds. The Aero-Falcon is powered by the dependable Lightning 6 Engine.

THE Aero-Falcon

Parking is an excellent example of the aids to easy handling offered by the Aero Willys. You turn sharply, with no appreciable effort, and the shorter length lets you park in tight spaces. Best of all, you see all four leaders from the driver's seat. The compact size of the Aero Willys requires less space in your garage, too.



Drivers especially appreciate the many convenient features of the Aero Willys... the easy starting of the engine by merely turning the ignition key... the red warning lights that flash when oil pressure drops or the generator is not charging. But their warmest praise is for the feather-light handling that makes the Aero Willys such a pleasure to drive and park.



The Aero-Lark 4-Door Sedan is a smart buy for the family who wants a roomy car with America's most modern styling... at low cost. It is built on the same advanced principles of rigid aero-frame construction as other Aero Willys models and is powered by the time-proved, gas-thrifty Lightning 6 Engine.



THE Aero-Lark



The Aero-Lark 2-Door Sedan is an economical car for the business man or the family with small children who prefer a 2-door model. You can depend on its ability to stand up—it's made by the maker of the "Loop." Its Lightning 6 Engine gives smooth performance and money-saving mileage.



Styled to Stay New

SPECIFICATIONS

MECHANICAL

HURRICANE 6 ENGINE: 6-cylinder, F-head design, valve-in-head intake, valve-in-block exhaust. 90 horsepower. Compression, 7.6 to 1. Piston displacement, 161 cu. in. Bore, 3 1/4; stroke, 3 1/2. Aluminum heat-dam pistons; top ring chrome-plated for long wear. Intake manifold cast in block, water-jacketed. Automatic spark advance. Oil system, refill, 5 qts.

LIGHTNING 6 ENGINE: 6-cylinder, L-head design. 75 horsepower. Compression 6.9 to 1. Piston displacement, 161 cu. in. Bore, 3 1/4; stroke 3 1/2. Aluminum heat-dam pistons; top ring chrome-plated for long wear. Full-length water jacket. Oil capacity, refill, 5 qts.

TRANSMISSION: 3-speed silent synchromesh gears. Overdrive, which reduces engine speed by 30% with no reduction in car speed, giving greater fuel economy and longer engine life, is optional at extra cost.

COOLING SYSTEM: Ram-jet air intake for efficient cooling. Thermostat and by-pass water recirculation gives quicker warm-up, saves gas in starting. Radiator capacity, 11 qts.

ELECTRICAL SYSTEM: 35 amp. generator. Follow-through starter gives surer starting. Turning ignition key starts engine.

SPRINGING: Front, long coil springs, rubber-cushioned. Rear, insert-type semi-elliptical springs. Newest aero-type direct-acting, full-displacement shock absorbers with 2-stage, restricted orifice valves, give smooth, comfortable ride.

REAR AXLE: Aero-Eagle, Aero-Ace: standard ratio, 4.1; optional, 3.85; with overdrive, 4.5. Aero-Falcon, Aero-Lark: standard, 4.1; optional, 4.56 for mountainous country; with overdrive, 4.56.

WHEELBASE: 108 in. Tread: 58 in. front, 57 in. rear. Tires: 15x6.40 oversize on all models except Aero-Lark, on which 15x5.90 tires are standard.

BODY

STRUCTURE: Aero-frame construction—body and chassis members welded into one strong, rigid unit for greater ruggedness and more safety.

INTERIOR: Seating width, 61 in. front, 61 in. rear. Adjustable front seat.

EXTERIOR: Width, 72 in. Overall length, 180 1/2 in. Height, loaded, 60 in.

LUGGAGE COMPARTMENT: 24 cu. ft. capacity. Self-locking lid.

Specifications, trim and equipment of all models subject to change at any time without notice.

WILLYS-OVERLAND MOTORS, INC.
TOLEDO, OHIO, U.S.A.

Printed in U. S. A.

HURRICANE 6 (left) "The engine is almost unbeatable for efficiency, producing .560 brake-horsepower for each cubic inch of its size"—says a leading motor magazine. Such highly efficient use of gas comes from the better "breathing" of its F-head design (large overhead intake valve and valve-in-block exhaust) . . . its cast-in-block, heat-regulated intake manifold . . . and its high, 7.6-to-1 compression, which does not require premium gas. In the *Aero-Eagle* and *Aero-Ace*, this 90-horsepower engine gives flashing acceleration at all speeds and mileage unmatched by any 6-cylinder American car—you can drive 400 to 500 miles on a tankful. It is one of the truly great engines of the entire world.

Two Great
WILLYS
ENGINES

LIGHTNING 6 (right) The 75-horsepower *Lightning 6 Engine*, power plant of the *Aero-Falcon* and *Aero-Lark*, has been proved in millions of miles of service in the famous Willys Station Wagon. Now in the *Aero Willys*, the *Lightning 6* provides dependable service, long life and excellent fuel and oil economy.

Extra-long front coil springs, rubber cushioned, smooths road roughness to give you a smooth, "airborne" ride that rivals the comfort of the largest cars.

