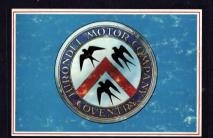
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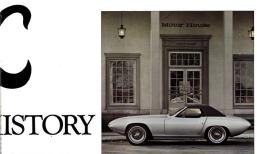




A BRIEF H

BY WILLIAM S.

It's a long, long road a-winding bet



JACKSON ween the Sociable and the Cobra.

o talk about a butcher, an engineer, an extraordinary Texan by way of introducing one of England's finest limited production automobiles may seen a bit irrevent. But then A.C. itself may seen a bit irrevent. But then A.C. itself of the an English many with black mesh stockings. It's an approach that over the years brought the company fame, if not necessarily fortune, and carred for them ringing files as The First Light.

Saville Row of Metocajam."

However, it was indeed the coming together of a prosperces betcher and an outstanding engineer properties betcher and an outstanding engineer properties. Easy was a successful Sooth London butcher with a chain of shops, lie had succeeded of the world, and decided the mixture and the short to tay and he should be in it. A brilliant has a second of the world, and between the short to tay and he should be in it. A brilliant has attention and Petrvineer provided the capital for Weller to put his ideas into action. Detroite with a man secondary himself with a man sec

who would leave his mark. He was right. Weller set up sho jin West Norwood corticle Weller set up sho jin West Norwood corticle first automotive project, the Weller car. The pro-topys, a clean-leaded four-cylinder 25 hp chain-corticle with the control of the co

gear through conventional mounts.
Suffice to say that the cost of preducing this
vehicle proved to be quite beyond expectation.
This project, along with a contemplated motoercycie, was dropped in 1904 when the company also
changed its name to Autocras & Accessories, Lid.
and moved on to what is considered the first AC.

Bertuine, beginn the acceptance of the contemplation of the con

Portwire, being a merchant, knew well the attendant miseries of having to maintain a fleet of vans and horses for the delivery of goods. In 1994 the presented his engineer associate with the idea of building and selling a reliable and relatively inspensive delivery van for merchants — of all kinds, The Auto-Carrier was the result. It was 5.5 ch, also with chain drive to a single rear wheel. The rear hub enclosed a multiple disc wet clutch and an epicyclic gearset which provided two forward speeds. The driver sat on a rear seat over the engine, steered with a tiller and looked out over the large delivery box with front-opening doors mounted abased of his.

doors mounted ahead of him.

These little vehicles proved quite reliable and were soon in brisk demand. No less firms of the day than London & South Western Railway, Great Western Railway, Geodrich Tyre Co., Associated Novappars and Cark's Bussuit soperated busy firest of the little Association. For week them by the turn-of-the-century version "cowboy" — toolay associated with the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel truck delivering jetz and dispers — and in fact set up to the pastel panel pa

equite a record for enderance. With such success behind them, the company set about the production of a geoscoper-carrying version of the AutoCarrier in 1907. In November of that year they changed their name from Autocars & Autocars faces and the successive to Autocars faces 15.6. to better reflect their product, if was also at this time directorship remained in the hands of John directorship remained in the hands of John

Portwise and John Weller.

The first A.C. Tricars retained the single rear seat over the engine, as with the AutoCarrier, and substitted a passenger seat in front where the purcel box had been. It cost £85. Later versions seating options—slide by side, or driver at rear and a two-passenger seat in front. Technical specifications were relatively the same use.

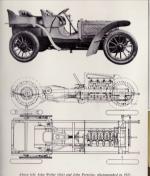
By 1909, Autocarriers Ltd. was running a trials team and the following year their car was adopted as the official vehicle for the 25th County of London Cyclist Regiment, complete with Maxim guns mounted on special bedywork.

In 1911 the Tricar price was 59 pounds when the works were moved from West Norwood to their present location at Thannes Ditton, Surrey. This sleepy little town on the Thannes was more properly associated with quiet Sunday afternoon boat rides than with the production of something as radical, and unmatural, as the astomobile. That same poer also brought another name change to assen poer also brought another name change to change of the property of the propert

Weller war a brilliant engineer, and not at all satisfied to confine himself to his three-wheeled wonder. In 1912 he began developing another







Above left: Inhin Weller (left) and John Portwine, photographed in 1921.

Above: The 20 hip Ione-State Willer, in photographe, elevation and
Above: The 20 hip Ione-State Willer, in photographe, elevation and
Above right: A 1910 Socialne total with allowanter equipment.

Below right: The 1910 Socialne mend by A.C. managing alteretor W.D. Harlock.









four-wheel four-cylinder car, but much lighter in concept than his Crystal Palace design, and by relatively unusual features. Though the suspension spring at the front, à la Model T Ford, and quarter elliptics at the rear), where Weller really imrear axle. It had a beautiful cast aluminum housing which enclosed not only the worm and wormwheel, but the transmission as well, and a large disc brake mounted at the back end of the A.C. cars for years. With their high-mounted bodies, the large aluminum casting and the disc mediately identifiable aft. Some comment should he made here regarding unsurung weight as tests showed the A.C. transaxle unit to be actually lighter than the standard banio-type rear axle com-

Weller was unhanny with available English renprietary engines and went to France for a little four-extinder (59 x 100) side valuer called the Fivet, which possessed a satisfactory power-toweight ratio. The original cars were equipped with light car. Thus Weller became one of the first, if not the first, to use the disc clutch in an automobile. Although prior use has not been demonstrated, no claim is made by A.C.

The little A.C. two-seater was first road tested at Brooklands in June 1911. It achieved 45 meh no mean feat for what was considered a cycle car at the time, With lamps, born, tools, etc., this very attractive little car sold for £165.

The First World War brought car production to a halt at Thurney Ditton, while large quantities of fuses and shells were turned out. But 1919 saw car. First had been hard hit by the war and was only able to provide a limited number of engines, buried during the hostilities to keep them from

Weller started looking again for a good engine and settled on the Gustav Maclure-designed Anzani 1496 cc four-cylinder 11.8 hn side-valve unit which would later become still more famous first customer for this engine, with Weller placing an order for 2000 units in 1920. To assure their continued supply of engines A.C. bought 2000 shares of Anzani common stock in October of 1920 and Portwine and Weller joined their board

Weller had not been sitting on his hands in Thomas Ditton for in 1919 A.C. produced the first light six engine there, incorporating many advanced features for the day. It developed 40 horsenower from six (65 x 100) exlinders totaling 1991 cc displacement. Using lightweight construction and liberal amounts of aluminum alloy

- both the block and sump were cast aluminum - the total engine weight, with starter and generator, was held to 350 pounds, in spite of the also featured a helical gear-driven single overhead camshoft. This latter item proved quite poisy and led Weller to the installation of the industry's longest campboft drive chain plus the invention and natenting of the spring plate chain tensioner which still bears his name and is in worldwide The A.C. six-cylinder engine itself holds

something of a record, being the engine with the longest production life of any automobile manufacturer. It was in production and use by the company from 1919 until it was phased out in 1963 - a remarkable forty-four-year run which is only approached by Jowett but exceeded by none. than double that amount at 105 hp by the time its production ceased.

Ditton, S. F. Edge, the lion of the early days of English motoring, had served his seven-year, selfimposed eaile and was caper to be back in the

To back up a bit. Selwyn Francis Edge had entered the auto business with Mostaga Napier in the same year John Partwins and John Weller teamed up. He was even then one of England's most prominent motorists and brought the country fame with his winning of the 1902 Gordon Bennett Trophy Race and later, in 1907, his twenty-fourhour endurance record of 1581 miles (65.9 mph) which stood for eighteen years. In spite of these viscoesses Edge and Napier did not get along, Edge was always a man to say precisely what he felt and Nanier reportedly a man loath to the graceful acceptance of criticism. It all ended in 1912 when an agreement was signed between the two in which Edge sold all interest in his firm, S. F. Edge (1907) Ltd. to Nanier for something more than 160,000 rounds and an agreement that he would



1921 Empire 4 sports four-seater

Montegu Motor Museum

not in any way take part in the moorecar industry for a period of seven years. Having thus retired from the motor trade, albeit temporarily, he purchased a large estate in Sussex and took up pig breeding. He very shortly built cuit a regulation as a becoder of prize pigs, cuit a regulation as a breeder of prize pigs, trade. During the First World War, he was apcoited Director of Agricultural Machinery and in this post was required to drive down to London frequently. He purchased a small AC. car for his purpose, because of its low fuel consumption, and was quite taken by it. When the suggestion was made that, after seven years had expired, he might take an active interest in the AC. car, he purpose at the idea. Edge joined the Autocarriers Ltd. (the board of directors in February or 1921. His friend board of directors in February or 1921. His friend Themas Gillett assumed a similar position in July. As seemed to be the case wherever Edge went in the motoring business, friction developed between himself and founders Portwine and Weller. When Edge became chairman and agoverning director in September of 1922, Portwine and Weller walked out. In November of 1922 the company and the property of 1921 the company and the property of 1922 the 1922 the property of 1922 the 1922 the property of 1922 the 1922 the

changed again, this time to A.C. Cars Ltd.

Edge and Gillett also accepted to the board of

British Anzani as well in the changeover. Edge aimost immediately took the A.C. engine contract ownsy from Anzani and awarded it to Cubits in Aylesbury, another firm in which have all Aylesbury, another firm in which have all Mackine at Cubits to sort out their version of the Anzani engine (a bare-faced copy) which was then being used in the postwar A.C. This Maclure did with modifications to the earburetee porting, better balancine, a wifer canadhaft and a fashin-driven

By 1924 the Weller-designed six was the major A.C. nowernlant, although the four-cylinder was available as late as 1928. However, Edge did not start his regime on a had of roses. Public accertance of the traditional A.C. rear axle/transmission unit was on the wane. People just didn't like it. Edge was not new to fighting for public acceptance. He waged a war of letters in the motoring press, used testimonials and procontrol. His convictions were such that on one occasion when a recent A.C. nurchaser called at the factory to complain about his car. Edge insisted which Edge admonished him, extolling the virtues of his personal A.C. Upon their return the steam-Mr. Edge, not the managing director's?" He traded very shortly thereafter for a 16 hp Sunbeam.

In these tactics history proved Edge to be mistaken. When he took over A.C., he failed to realize that in the seven years he had been absent the general public had developed its own district the provided public had developed its own district the provided public had developed its own district the provided public had been been absent the provided public had been been about the provided public had been been districted as the provided public had been been about the provided public had been about the public what kind of a care was fairing and peoper, but 1919 was not 1912 and in making such designors themselves, they preferred making such designors themselves.

But Edge was a hard-headed man, and his previous successes caused him to feel be knew far better than anyone else what his car should be. He tried so educate the public to his way of thinking, fighting an uphill and, ultimately, a losing battle.

However, the S. F. Edge years at A.C. were not all dark. Edge was a man who knew well the value of competition as a sales premoter and he encouraged all efforts in this direction during his years at the helm.

As mentioned previously, A.C. had first entered trials before 1910 with their little Sociable tricars



Owner: Rod (

ner: Rod Coates 1927 Aceca two-seater

and the first A.C. four-cylinder car had performed admirably at Brooklands. Under Bige, an all-out assault was made on the record book. As English recing driver S. C. H. "Sammy 'Davis, who was with A.C. during these years, recalls, "every typof A.C. was then for its class records in term." In 1921 the 1.3-liter A.C. broke fifty-swern class seed of 68.52 meh. with records for 400 to 800 seed of 68.52 meh. with records for 400 to 800 miles as well. On May 24th and 25th they captreed the light car Double Twelve (hour) record, covering 1079 miles at an average of 71.23 mp. The best was yet to come though, for on November 24, 1922, J. A. Joyce, driving a special A.C. Encloyr acces, covered 101 miles, 695 yards in 100 miles in story mirutes. This run caused much distress among Aston Maria estibusissts, who were



1928 Reval nea-seater

Owner: C. P. Willoughby

then preparing their "Razor Blade" for a similar assault.

One of the longest standing records at this time

One of the longest standing records at this time was S. F. Edge's twenty-four-hour enderance run of 1907. What could be better than to have it broken by a car from his present firm. Thus, in May of 1925, the twenty-four-hour record was attacked in France at Montibley with a special twoliter six-cylinder A.C. It was Edge's associate of the property of the country of the country of the transport of the country of the country of the transport of the country of the country of the transport of transp Thomas Gillett who drove the entire run—as Edge had done at Brooklands in 1907 — and set up a row record at 2000 miles in 24 hours 13 minutes for an average over the twenty-four hours of 82.58 mph. Keep in mind this was 1925 and a two-liter cat.

Another man prominent in the competition history of A.C. is the Hon. Victor Bruce. It was be who entered his A.C. in the 1925 Monte Carlo Rally, the first English care ever entered there. It was also he who won the Mente Carlo the following year out the Monte-des-Mules hill climb which was one of the special stages. And to emphasize the point, his wife, Mrs. Mildred Bruce, entered her A.C. in the 1927 Monte, placing sixth overall and winning the Coupe des Dames.

In December of 1927 the Bruces undertook what was probably their most ambitions effort for A.C.—an attempt to cover 15,000 miles in ten days on the Monthly's track. In 8pic of the fact a dealing Mr. Bruce put the little A.C. over an embankment at 80 mph and demishible the bodywork, the little car carried-on-after a fifteenplus hour delay. It captured the records for four, five, ten and 15,000 miles, breaking their 15,000-miles, breaking their 15,000-miles record good by more than forto-eight hours.

The end of another era at A.C. was fast approaching. In spite of their competition and record breaking successes, the cars were not selling. Edge's bothly was failing, and so were several of his basicess ventures. The A.C. company was heavily in deel and went into liquidation. Put on the block, Edge benght it back, against all advice. Various changes were made and an expensive showroom taken in Pail Mail, London, in the hope that the commence reads he was competitions.

However, the cars still did not sell and the prices A.C. was charging for regain were driving away what few customers they were able to find. Several of Edge's del friends and associates from the Napire days had railfied round him for wellpuid jobs, and the company was badly over-staffed. In the end the barkers applied for a receding order and a receiver was appointed in 1929. This was the rail for Edge and he never recovered. Be

west into semi-entirement.

""" the Tide year, "The Tide year,



Owner: David L. Von Schnick

1915 dos sports la

The year 1927 brought a risher undistinguished lite of cars and yet another name change in A.C. (Acceles) Cars 1.6d. The Menthhéry was dropped and a two-osater with dickey and four-seather tourner were offered with a skeeved-down version of the sit, giving only 1.9d9 ac. Fortunately, it didn't last. Top of the 1927 line was the S. F. Edge Special Royal A.C. Acceles, with a close of 56 or 66 by

along with a fabric-covered saloon built on Weymann patents. All models now had quarterelliptic springs front and rear, Hartford shocks and front wheel brakes.

The 16/56 A.C. Acedes tourer was added to the line in 1928, which was some improvement. However, the cars were continuing to grow in size and decline in popularity. The last car of the Edge retirne was the 1929 A.C. Marra, It was even heavier and the trend seemed to be away from a sleek fun car to something bulbous with an emphasis more on creature comforts than performance and handling.

However, in 1929 it was over and the firm went into voluntary liquidation — a move which irrenically helped it weather the economic slump which wiped out many of its competitors. The comments and its assets were purchased in 1930 by two brothers. W. A. E. Hurlock assumed the helm as managing director and his brother Charles became general manager. It is interesting to note their original plans for the premises at High Street Thames Ditton, had been to acquire and dispose of available at that time. However, when they took inventory of both the excellent staff and the sunply of A.C. spares still in stock, they decided they were truly in the motorcar business. Service facilities were reopened and work begun on reintroducing the A.C. Marna, which was accomplished by 1931. The car was still basically the former A.C. customers were brought back into the fold with the introduction of this Acedes Magna. The Hurlock brothers, urlike Edge, did not turn a deaf ear to the criticism of the transaxle unit. An experimental A.C. with a new chause in which its

four-speed paarbox was seasibly attached directly to the engine was completed and entered in the thousand-mile 1932 RAC Rally, where it performed satisfacetly. Thus, AC. put the new chasis into preduction for the remainder of 1932, offering a sportnama saloon and two-sater deephood at 4000. In March 1933, AC. was back in the In March when Mile Rifty Brendt won the RAC Rally outright and the Ladies Prite with an AC, storts tower. In addition, C. F. Hurtchel.

placed fourth, W. A. E. Hurlock sixth and Mrs. G. Daniell seventh. Mrs. Datiell's dropbead coupialso won the concours d'élégance run in conjunction with this event.

A.C. was obviously doing things right once again, re-establishing their reputation of providing a high quality car in the mid-price range with

good-looking coachwork. Their sporting models became the Mustangs, Camaros, Firebirds and Javelins of their day.

In 1934 the standard chassis was known as the Ace and a wide selection of coachwork offered.
There were two- and four-seater drophead coupés,

There were two- and four-seater drophead couple, a four-seater saloon and a four-seater touter. There were also the special saloons and toures known as "March Specials," having been designed by the Earl of March, later the Duke of Richmend and Gordon. The Greyhound saloon was added to the line in January of 1934.

For 1935 the four-speed crash box was replaced with an E.N.V. syncromesh. Three carburetees became standard and a more square radiator shape was introduced, getting away from the rounded radiator that had been an A.C. trademark since the



1936 10/80 sports two

beginning. A Wilson Presidenter electric gearbox was also an available option.

The interoduction of the 1936 models at the 1935 fall (Olympia Show brought a surprise from AC, in the form of their new two-nester. Ace on a chassis with the wheelbase shortened to 106 inches from the standard 115. It had a slab gus trak at the rear and two rear-mounted spores. The engine had a slightly warmed cannohaft for better performance. The Acro salone also came into the line. Chrome slats replaced the wire screen in the radiator grill and the D.W.S. bulli-in jacking system was fixed to all cars. Three stages of time were available. The 16/60 hp was standard. For 20 pounds more the 16/70 hp version was available with 6.5:1 compression and on the short classis 16/80 hp version, 75:1 brought an additional ten

horsepower.

Nineteen thirty-seven saw Tecalemit automatic chassis lubrication made standard. Development of



Coates

the two-seater resisted in the "Ace Competition", ports model with two engine options available. The A.C. six could be ordered in unblown form with 7:1 or 7.5:1 compression ratio, or fitted with an Arnott 3½ pai bett-driven blower. The fasteryrecommended compression ratio with this option was 5.25:1, although some customers more interested in performance than engine life went to

The A.C. line was relatively unchanged for

1937 four-seater drophead coupé

1938. Sales were brisk and the sports two-seader ont of the best performing cars on the market. The company was planning the introduction of a new model for 1939 with an underslung classis, softer springs and larger bodywork, but Hilder changed all that. A.C. went over to fulltime war week for the duration.

When the war ended, A.C.'s design department started on a new car. They fortunately dropped the 1939 chassis idea and went back to the tried and true understung chassis with beam front axie which had provided their good handling in years gone by. Modifications to the A.C. six were carried out and the first prototype, a four-seather drophead coupé, was completed in 1946. The first body style to be offered was a two-door alcome with the old Welter six now developing 80 hp in cooking from. The first cars rolled out of the factory is October of 1947. Girling bydra-mechanical brakes were fitted (wheraking at frost, mechanical







at rear) and a better cooling system incorporated. Export started in 1948 and by 1950 an average of five cars a week were leaving Thames Ditton. A five-seater sports tourer with body by Buckland Body Works was appeunced in January, 1952. Prices at the time were £1219 for the tourer and

£ 1180 for the saloon.

It was shortly after the war that A.C. was an proached by the Ministry of Works to design and build a motorized invalid's carriage. This they did. They also added some fancier bodywork and, taking advantage of the postwar austerity period and the A.C. Petite in 1950. It had a single wheel in the front which steered and two wheels at the rear connected to a 146 or air cooled two-stroke Villiers engine. It went through a Petite Mk II series and many of these oddities are still on the road today. In 1954 the Buckland Body Works Ltd. of Buntisgford, who were producing both a Mk I and Mk II sports tourer body for A.C. (the Mk II had cut down doors), decided to introduce a stripped-down version of the Petite as the "Buckland Runabout," but this project came to naught.

A.C. had introduced a four-door saloon in 1952 on the same chassis and considered a five-senter convertible with roll-up windows. It was listed in their catalogue for that year but never got into production. All versiom of the A.C. saloen and sports tourer ceased in 1956, as A.C. had already rationing kept Formula III racing in the forefront racing was book in full swing. Prewur M.G. bits were plentiful and several specials were derived from them, not the least of which was an M.G. TA special built and driven by one John Tojeiro His dissatisfaction with the suspension of this

The basic frame was a large H, made up from steel boxes carried the suspension, which was independent all round by means of transverse leaf springs and lower A-arms. Morris rack and pinion steering was used alone with hydraulic shock

This car became the basis for a whole family or specials in the early 1950's, the most famous of which was Cliff Davis' Bristol-engined car which appeared in 1953. In all fairness, it should also be mentioned that Davis had helped another special builder. Lionel Leonard, build his outstanding Cooper-M.G. the year before, with a suspension design that owed more than its name to that of the Formula III Cooper. In fact, Davis built a second M.G.-engined car similar to Leonard's from which

The Bristol-engined car had the Tojgiro-designed chassis, the two-liter Bristol version of the prewar B.M.W. 328 engine and an aluminum body that was unashamedly almost an exact copy of the Superleggera Touring "Barchetta" as used on the Tipo 166 Mille Miglia Ferrari. It went and it won. but the big surprise came at that fall's Earls Court

There, on the A.C. stand, was a near-replice of the Davis car, with an A.C. engine installed and show, Until then, only Lagonda had been offering all-round independent suspension for highway motoring around the British countryside.

The beautiful Aceca count was added the following year and in 1956, at the urging of toner Ken Rudd, the Bristol two liter engine was offered as an option. Suddenly the A.C. Bristol roadster was the hottest two-liter production car in the a Stage Four tune by Rudd and such goodies as his carburetor air-straighteners, it could be coaxed up

A.C. got back into competition officially in 1957 Bolton ran second to a Ferrari in the two-liter class, while finishing tenth overall. In 1958, A.C. was back at Le Mans with two cars - a relatively stock one in the hands of Swiss drivers Patthey and Berger and a new experimental Toleiro-designed space frame car piloted by Belton and Dickie Stoop. The experimental car won the twoliter class, placing eighth courall and the Sprice one was right behind in ninth. The new car had developed rear axle problems and did not perform to

The experimental car was raced one more time at the 1958 Goodwood version of the Tourist



1916 Ace roadster

Trophy with Anthony and Whiteaway up, and placed a dismal ninteenth out of twenty-one ears, with the rear end of the car developing a noticeable say toward he end. It is also interesting to rote to Texam by the name of Carroll Shelby and the carroll that the ca

the way it sounded and went, and many American cathusiasts got their first introduction to A.C. when they headed to the pits for a closer look. Importers Hap Dressel, Bill Woodbary and Frank Pohanka placed a lone entry third in the two-liter class at Sebring in 1956 against factory teams from Ferrari and Arnoll-Ristol.

It didn't take long for the Bristol-engined version to arrive after that and by October a black A.C. Bristol roadster with white wire wheels was

this scorage of the Sports Car Club of America's Class E Production, first in the hands of Le Class and later Freak Pohania. At Selving the following year it was a different sters, a plack Fernandez and Ramon Droubers — A.C. importers for Venezuela— wom the two-liker Class.

The A.C. was not a cheap car by any means. Prices in the U.S. started at 54400 for the A.C. engined Ace. The Britel engine was \$700 more and the Aceas coupé another \$500. However, the

Owner: Joseph Sweder, In



Bristol engined A.C. was king of the two-liter production class in the U.S. until the early 1960's. In the fall of 1960, A.C. reintroduced the four-senter count to complement the roadster and two-seater GT Aceca. This was a remaine grand members. Front suspension was double wishbone coil springs, giving four-wheel independent but the big shock came in the fall of 1961 when the Bristol Accordanc Commune Ltd. quietly announced they were ceasing production of their

and out their heads together with tuner Ken Rudd. who was already experimenting with and getting some very interesting results with Ford of Durenham's 2.6-liter Zenbyr engine. The decision was made to go with the Ford unit in 1962 when Rudd's tuning came up with an engine that gave better performance than the Bristol and was cheaper. The only outward difference was a redesigned grille treatment, giving an elongated snout with a smaller air intake. The A.C. continued to sell Someone else on the other side of the Atlantic

not the word the Bristol Aeroplane Company had crossed production of their two-liter enzine. However, he greeted the news with a somewhat different outlook. This was Texan Carroll Shelby, who was just then hanging up his belmet, goggles Shelly had been around the European race

scene for some years and had gained considerable specializing in an expensive racing-type sports car. These were his years with Aston Martin. He had also existed a healthy respect for the small British special car builder and the integrity of his product. eet to thinking A.C. might have the car he way looking for to test his idea, which was essentially to take a good, well-tried European sports car chassis and install a comparatively hig-bore, highrevving American passenger-car-based V-8 and get of A.C. cars running other than A.C. or Bristol engines in the U.S. Notable among them was sprint car driver Charlie Sarle's Inquarengined A.C. which was competing in SCCA events out of Arlington, Virginia,

Shelby was discussing the subject with associate Dean Moon one day and Moon commented Ford's Shelby contacted Ford's Performance Evaluation Section and got the green light for a trial project

Thus, in early 1961, Shelby wrote A.C., proposing a combination of their chassis with the new Ford engine. The Hurlock brothers said "yes" so Shelby, with the two Ford V-8 engines, arrived from America in October of 1961 to begin work on a prototype. The Ace's rear axle was comand subsequent testing brought redesign of the front spindles and bearings also. The car was completed in early February, 1962, and shipped to the States, sans engine, on February 16th.

and was taken immediately to Dean Moon's little

Santa Fe Springs shop, where an early Ford 260cubic-inch V-8 was quickly instilled. In fact, the car was operational eight hours after arrival, with the unpainted aluminum body polished to a dazzling silver. It carried the number CSX-0001— Carroll Shelby Experimental No. 1.

Initial testing took place at Riverside Roceway, but the car soos went to Dearborn for an technical analysis by Ford's engineering staff. Ford liked it and Shelly soon had another green light to preduce 100 units and make the car eligible to preduce 100 units and make the car eligible to preduce 100 units and make the car eligible to preduce 100 units and make the car eligible to the state of the preduced to the ford 100 cars to A.C., it had been dubbed the Cobra — not by chance but through Shelly's bardnosed insistence it be called that. He had been currying the same around, along with the draw coursying the same around, along with the draw.

It should be pointed out that the initial plan had been to purchase only the chassis, but between the arrival of the car and the OK from Ford to go ahead, the decision was also made to keep the attractive A.C. readster body as well. The Cobre, of correst, was a thundering success.

Before the first 100 can were completed by A.C., as second hundred was ordered, With the saw of a racing program in the States by Shelly American, laws in the original design come to light and numerous changes were incorporated as the car moved down A.C. assembly line. The major one was a referigined rear but, following failures during its initial outlings. Next come a change from worm and sector to rack and pinion seering, again as a result of rading experience.

Halfway through 1903. Ford released their 249cells-in-the eigen, which Salety immediately began to install in the Cobras. An newly designed MCCord resistor also solved the Cobra's sarine cooling problems. This was the result of more wort by Ford's engineering evaluation people, who also recommended an American-built electrical system (Ford) and Stewart-Warre instruments. By January of 1904, more than 400 Cobras Ind Fordiese was manufactured for the Cobras Indiana.

As might be expected in combining Ford, the industrial giant, a self-minded Texan and a stiff-upper British firm, the name to be carried on the Cobra's smoot caused no small probben. Cars were initially shipped from England with A.C.'s traditional chromo-plated circular budge installed. Shelby at first removed these budges and replaced them with one regular "Shelby Cobra" with the



1965 289 Cohra

Owner: Carroll She

when A.C. started shipping the cars sams emblems and Shelby evolved the now-standard Cobra emblem. Ford was astisfied with small "Tool

Powered emblems on each flank.

The liaison with Shelly had been a fortunate one for A.C. Their edd Bristol-engined cars, nice as they had come to be, were really nowhere in the international league. The replacement of the vomerable—but essentially nerware—six with

Ford's lightweight V-8 made for a formidable contender in the Manufacturers' Championship, It was only a matter of time—spent mainly, as we've seen, in refining and debugging the ser. Meanwhile the 269- and subsequently 259-inch Colveas set about pulling the ray from under the Correttes, which were then dominating SCCA production or rasing. The first races in late 42 minutes.



1965 289 Cobra Daytona coupé

over the cars, but while they ran they were fannationally fact. For the record, the first his vicory was at Lake Garnett in Kansas. The three cars Stelly took there firished one-two-three in the production race. Then Ken Miles won the medified race in one of the same cars rendered "medined" by the addition of an edi-cooler! The Cohra the FLM Mantacturent' Championship. This stime FLM Mantacturent' Championship. This stime Ferrari was the larget ... in 1946 the Chiran injuly have won the Championship, Shelhy is convinced that they could have, but for a bit of dirty pool played by the FIA and Erzo Ferrari. The fact remains that in 1995 Cobras positively clobered all opposition, Ferrari included, absolutely dominating the Manuella of the Champion of the Champion of the Chiran included, absolutely dominating the Manuella of the Champion of the Cham

remaining two. Recently only the 917. Porsches have put up such a performance.

By early 1964 both Shelby and Ford engineers and realized if they were to keep the Cobra competitive, they needed a more sophisticated chassis. Suspension designer Klaus Arring of Ford Engineering put togother a new "Jouralnt' frame attachment points. At the same time the





frame tubing size was increased from three to four inches with greater wall thickness. The parallel main tubes were retained, but chassis stiffness was

just about tripled.

A prototype was assembled in the A.C. Thames Ditton shops and the then-new Ford 427-cubic-inch V-8 engine installed. It was completed by October of 194-1 and underwent testing at Silverstone.

By May of 1965 the Tojeiro-designed transverse leaf spring chassis had been dropped and replaced on the production line with the one featuring unequal wishbones and coil spring/shock absorbing units. Although it came from Ford Engineering, the new suspension was, in fact, quite similar to the front supersion layout of the ill-fated A.C.

At the joint Satity American started supplying the new classes. Colors with the also new 427-6 and the new classes. Colors with the process of the new 427-6 and the 270-colors of the process of the new 427-6 and the 270-colors of the new 427-6 and the 170-colors of the 170-colors o

heleda evene until 1964.

The 4.75 belty American Cobra and the AC.

The 4.75 belty American Cobra and The 4.75 b

the Cobra years ran to approximately 800 leafspring and 800 coell-pring urgs.

However, A.C. hash't been standing around waiting for the other shoe to fall. In October of 1965 they introduced the all-new A.C. 427 convertible at the Earls Court show. The chassis was based on the big Cobra, but the 90-linch wheeltone was extended six inches to provide more interest. room. Engine was the latest Ford 427-cubis-ind-V-8 from which the car derived its name. Suspension had the co-saind coil spring and shocks shorber units operating on the lower wishbooks both front and rear. Steering was ruck and pinion and Cobia-type disc brakes were fitted all round. A four-speed manual or Ford automatic transmission was offered.

The A.C. 427 body was a masterpiece by the firm of Pietro Frua in the tradition of the Maserati Mistral and the Swiss Monteveedi. As espected for a luxury convertible operating in this rare atmosphere, it wasn't cheap — \$9845, base price. The A.C. 428 conventible became available to

The A.C. 428 convertible became available to the public by mid-1966 as the new Frus-bodied cars were worked into the Thames Ditton lite. Chassis were constructed, then next to Italy, where the body shell was welded on, then returned to Thames Ditton. The name change from 427 to 628 settadly reflected a complete engine change from the control of the complete engine change from freezeotry vertices.

At Earls Court in 1967, A.C. added the 428 fastback to the line and performance in the 150 mph category was promised. Prices had risen to 59720 for the convertible and \$10,188 for the fastback by 1968.

Which brings us to the present. Although a public energe, A.C. is still under the management of the Hurbock family. Chairman and managing director William A. E. Hurbock died Pebruary 27, 1964, Charles Hurbock died April 15, 1969. Management is row carried on by Derek (Washington). Hurbock, son of the late W.A.E. Hurbock. The factors, now turning out mustless out mustly

two A.C. 428 convertible and fastback models a week, is still pretty much a family operation. Owners of net only new but vistage model A.C. cars as well still drop by the factory garage for requirs and enthusiast-type conversation. This is reflected in the fact that W.D. I beliefox serves as effected in the fact that W.D. I beliefox serves as A.C. Sociable in the garage along with a new A.C. The esthusiast visitor to the plant is like-as-not

to get a rolled-up-shirtsleeves tour of the premises by the managing director himself and to this day they note with pride the quote from John Ruskin which has guided them through the years, appeared in their early sales literature and is quoted in the official company history: "Thore is, hardly arrithing in the world that

some man cannot make a little worse, and so a little cheaper, and the people who consider price only, are this man's lawful prey."



EA.C.

427 COBRA



It is quite impossible to survey A.C.'s interesting history without singling out the 427 Cobra for special meetion. This is not merely the fastest A.C. ever bailt: It also happens to be the most violent, explosive and one ever monifactured for sale to the nublic.

road our ever manufactured for sale to the public. We did our number with one of these brutes out at Bridgehampton some four years ago (AUTO-MORIA). Volumber V. Nomber 4 and some (Dorochy, Volumber V. Nomber 4 and fastes 0.100 acceleration time we had ever personally seen out there—one run at 8.6 seconds. We did it over and over and were consistently under rise seconds, and we still found it hard to

It want all that eavy to do. One erg bon much proper released care and a 422 into clearen direct-proper released care and a 422 into clearen direct-proper released care and a 42 into clear and the second care and a 42 into clear and a 42 into cle

sensations-and warnings-per minute as an auto-

mobile is ever likely to give you. Be careful with the accelerator: Just one unnecessary inch will

into what could be decidedly unwelcome surround-

iegs. Be careful with the clutch: The car is to light, and that engine so bug, that after a gear change soy mismatch between engine and road that the control of the control of the control of the Be careful with the brake; People behind you with heave anchors may wird up in the car with you. Be careful with the brake; People behind you with heave anchors may wird up in the car with you. At yeard if you liter to it carefully you will be advised of any and all undersides occurrences which may be about to befull you, and the car will regund instantly to your corrections. But

It becomes mighty obvious then that a 427 colors is no car for a novice. If there was over a case for limiting the sale of a car to qualified drivers only, it is got to be this one. Somethow, competent owners nowadays, It is, we suspect, a competent owners nowadays, It is, we suspect, a word as the chopped and channeled manage for the color of the colors of the co

So if you think you're reasonably free or neuroses, if you don't become a lunsific when you get behind the wheel—and if you can come up with the necessary \$6000 to \$7000—you might like to buy yourself a 427 Cobra. If only to experience what the ultimate road can is all about. Or even to find out just how good you really are. 4 427 Cobra can tell you, bluntly, within the