

PACE-SETTING PERFORMER

Astra J-3 roadster

This is a roadster equally at home on the highway or the race circuit. Immediately recognized by participants and spectators at California road races, the Astra J-3 is an ideal dual purpose machine.

An attractive built-in dashboard with twin panels for instruments and a generous trunk opening make this beauty an ideal touring car.

The ready availability of frame and power components and the light weight of the J-3 make the roadster a leading challenger on the road circuits of the world.

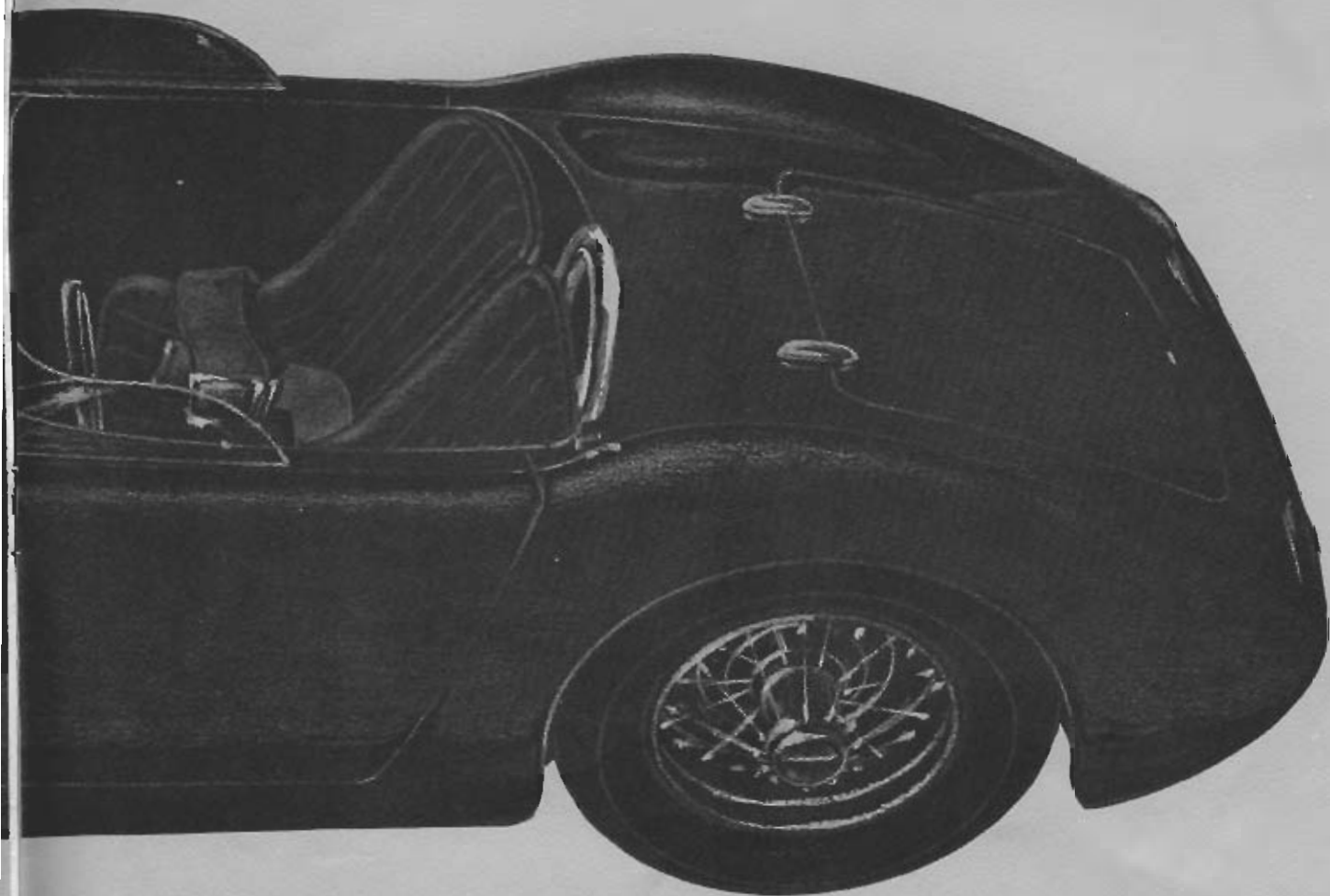
The J-3 is a flexible body design to permit you to mount it on MG, Volkswagen and other 90-92-inch wheelbase chassis (cars with unitized construction will require addi-

tional frame bracing).

You are not restricted to an imported engine with the J-3, as the body will accept a small V-8 engine. You have your choice of hood lids to accommodate various types of carburetion. Please specify whether you require center line or right hand blister on hood lid.

Due to the wide range of engine-transmission options possible with the J-3, we do not supply a transmission cover and front floor boards. A passenger compartment is molded into the body, however.

The deluxe features of our Astra bodies (shown in this section), and use of recommended components, will make your job easier.



Custom features

Deluxe features on each Astro J-3 body:
 Hood openings lipped and flanged
 Grille openings cut and flanged
 Dashboard with twin panels installed
 Passenger compartment installed
 Firewall installed
 Inner fender panels installed
 Jel-Cote applied for easy finishing
 Headlight recesses
 Hood scoop (specify center line or right hand side)

Door jambs
 Door striker plates
 Door hinge boxes

Specifications

Wheelbase	90-92"
Treadwidth	46-51"
Body length	160"
Body width	60"
Body height	29"
Body weight	125 lbs.

Complete dimensions listed in Plan-Pak.

Recommended parts

Here is a partial list of recommended, readily available components for your J-3. You can use other items, but we have found these components the easiest to install. Accessories are shown in the accessory section.

Door hinges — 1949-52 Plymouth-Dodge upper front door hinges

Engine — Any size up to Chevy 283 V-8

Headlights — 1957-59 Lincoln-Mercury or other 5-inch sealed beam

The following items from an MGTD or MGA are

recommended: Frame, gas tank, hood hinges, radiator, steering gear and wheel.

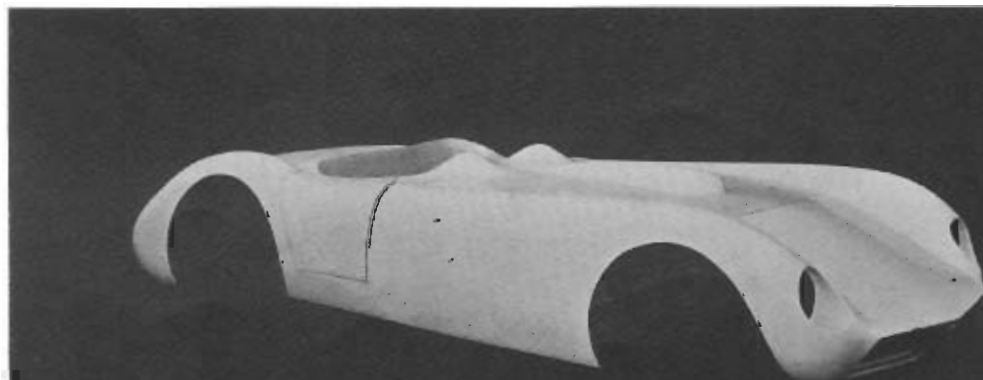
The following items from an MGA are recommended: Cloth top and windshield.

See a complete list of parts and building instructions in Plan-Pak.

Prices

Astra J-3 body, complete	550.00
Astra J-3 body, shell	450.00
Astra J-3 Plan-Pak	7.50
Crating	35.00

Federal excise tax additional (see page 2).





UNIQUE MOTOR-VATION

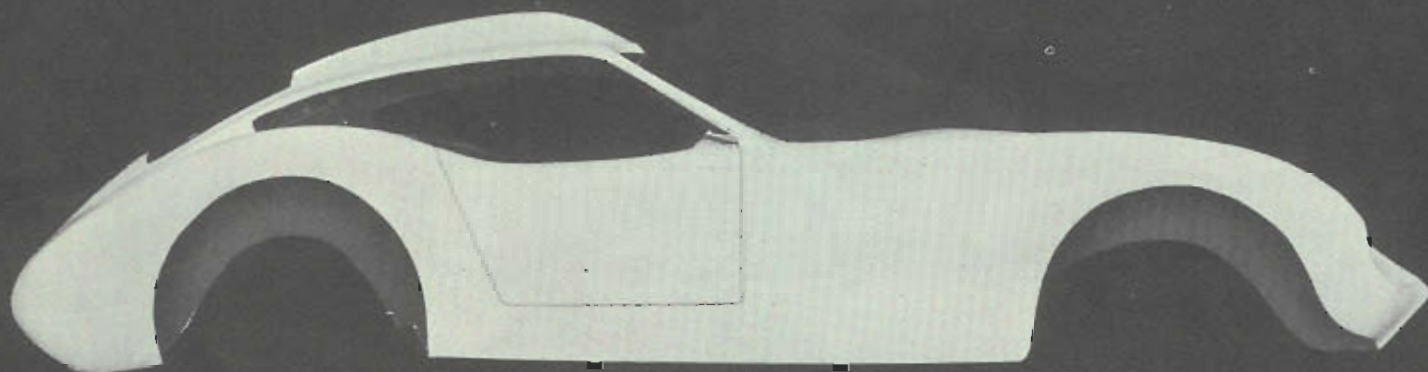
Astra J-2 coupe

You'll probably never see another car like yours if you build on Astra J-2 coupe. This design has been proclaimed one of the most extraordinary ever developed. With a double bubble top and lean streamlined profile, this body style will be outstanding for years.

Even the rear window has a double bubble effect to carry the theme of the J-2 down to the body's fastback deck.

This individualistic body uses a readily available Triumph TR3 88-inch chassis and TR components throughout. (Of course, as with all Astra bodies, you may install other components to give you personalized motor-vation.)

The TR transmission and drive shaft cover is used in the passenger compartment of the J-2, and you may fabricate floor boards from sheet metal or wood.



Custom features

These deluxe features are molded into

Astra J-2 body:

- Headlight recesses
- Hood scoop to clear air cleaners
- Door jambs
- Door striker plates
- Door hinge boxes
- Inner fender panels
- Windshield wiper locations

Custom features on each Astra J-2 body:

- Hood openings lipped and flanged
- Grille openings cut and flanged
- Dashboard installed
- Firewall installed
- Jel-Cote applied for easy finishing

Specifications

Wheelbase	86-90"
Treadwidth	40-46"
Body length	154"
Body width	51½"
Body height	37½"
Body weight	175 lbs.

Complete dimensions listed in Plan-Pak.

Recommended parts

Here is a partial list of recommended, readily available components for your J-2. You can use other items, but we have found these components the easiest to install. Accessories are shown in the accessory section.

- Door hinges — Astra (see accessory section)
- Engine — TR or any size up to small V-8

Headlights — 1957-59 Lincoln-Mercury or other 5-inch sealed beam

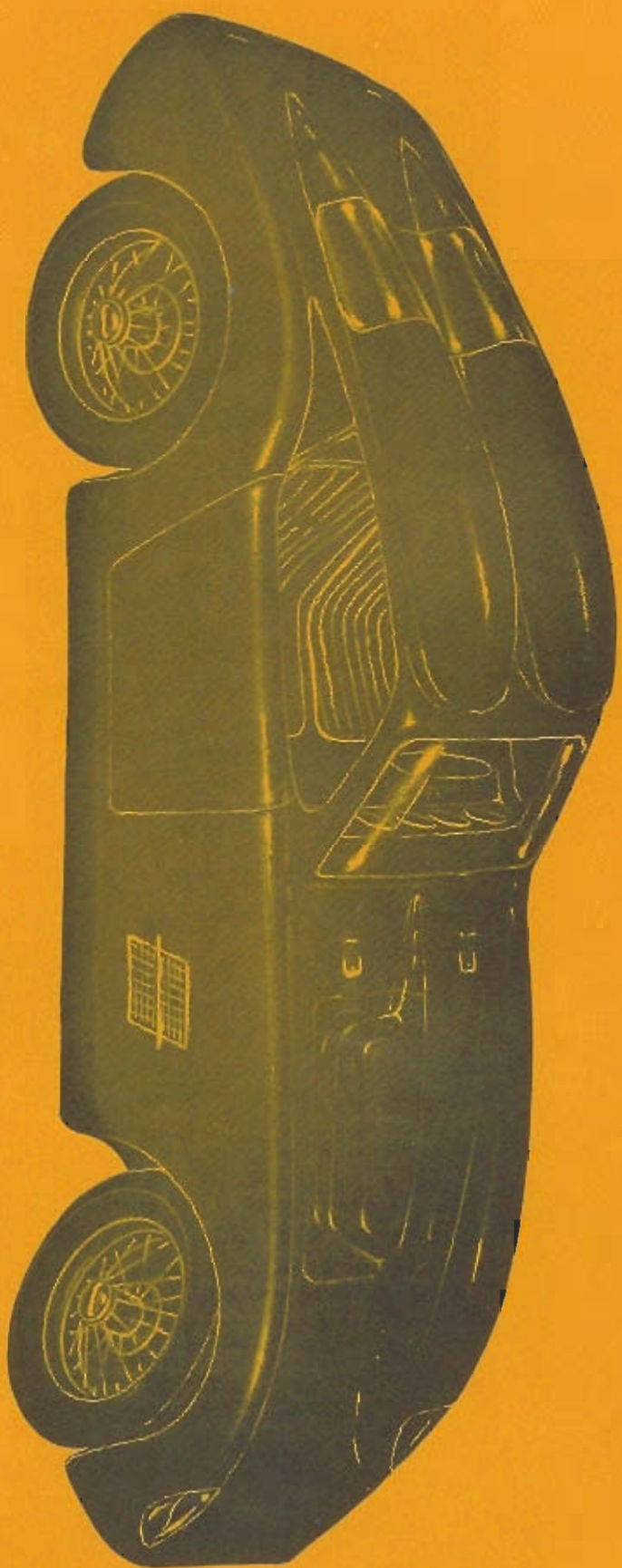
Window, rear — Astra (see accessory section)

Windshield — 1951-52 Studebaker cut 5 inches
The following items from a TR are recommended: Frame, gas tank, hood hinges, hood and deck fasteners, radiator, suspension, rear springs, steering gear, steering wheel and windshield wipers.

See a complete list of parts and building instructions in Plan-Pak.

Prices

Astra J-2 body, complete	695.00
Astra J-2 body, shell	595.00
Astra J-2 Plan-Pak	7.50
Croting	35.00
Federal excise tax additional (see page 2).	

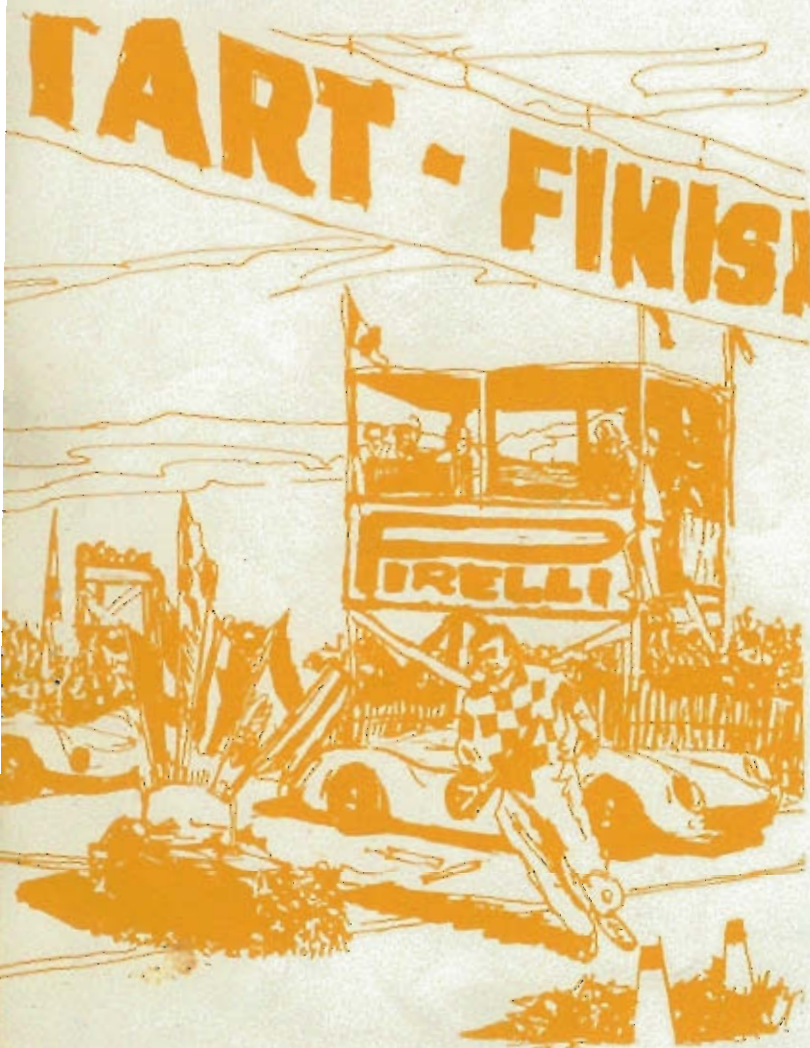


Astra J-2 coupe



MIGHTY MEAN MACHINES

Astra competition bodies



Astra competition roadsters are aerodynamically designed and constructed with light weight materials to attain a superior power-to-weight ratio. A protective head-rest is molded on the left side of the body to cover your roll bar.

The competition roadsters are built in two sizes to give you a wide choice of chassis and engine options.

To give you flexibility, the firewall, dashboard and inner fender panels are not included. Detailing on bodies is such that they are also suitable for use as street machines.

The Competition 200 model fits the Astra tubular frame and will accept any engine (even a Chrysler with a front drive blower). The Competition 100 model can be installed on an MG or similar chassis.

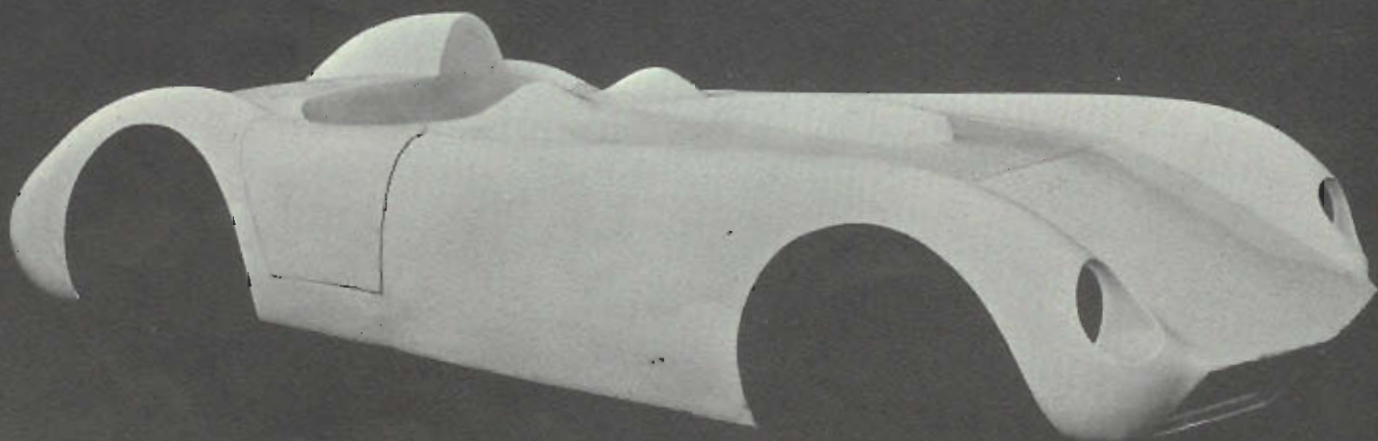
Specifications

Competition 100 body		Competition 200 body
88-92"	Wheelbase	96-100"
46-51"	Treadwidth	52-60"
150"	Body length	165"
60"	Body width	67"
36"	Body height	37"
60 lbs.	Body weight	90 lbs.

Complete dimensions listed in Plan-Pak.

Prices

Competition 100 body, complete	295.00
Competition 100 Plan-Pak	7.50
Competition 200 body, complete	395.00
Competition 200 Plan-Pak	7.50
Crating, either body	35.00
Federal excise tax, where applicable, additional (see page 2).	



Accessories

Bucket seat

This light weight bucket seat fits all types of sports cars, drag racing machines, passenger cars, planes, boats, and is specially designed for competition use (weighs four pounds without upholstery, seven pounds upholstered). The upholstered seat is covered with foam rubber and Nougahyde (available in blue, black or pearlescent).

Universal bucket seat,
not upholstered each 15.95
Universal bucket seat,
upholstered each 39.95

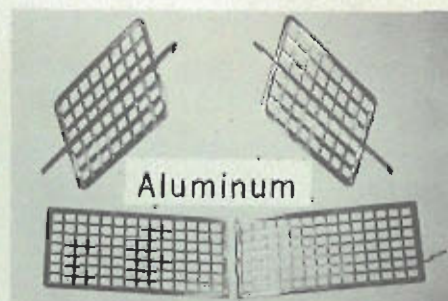
Windshield wiper motor

This electric unit bolts under the dash and gives you individually controlled windshield wipers when you use two motors.

Electric wiper motors each 11.95

Items under development

We are currently working on the following items for the J-4 and J-5 models: Roll-up window mechanisms, snap-on upholstery and wiring harnesses. Please write for further information on these accessories.



Aluminum

Grilles and side vents

Especially constructed for the Astra J-4 and J-5 models, Astra grilles and side vents bolt neatly into place. Both have an egg-crate design and are constructed of highly polished aluminum.

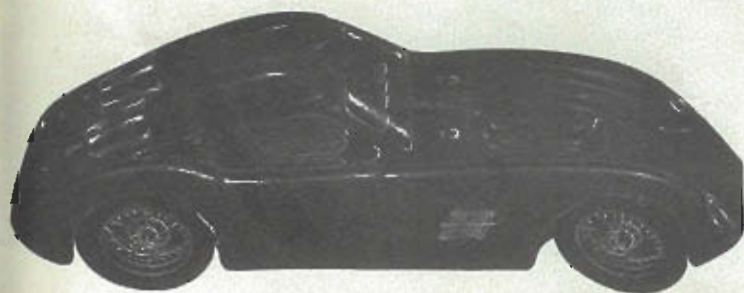
J-4, J-5 grille per set of two, 24.95
J-4, J-5 side vents per set of two, 24.95

Items for J-2

Rear double bubble window (retains some contour as top and installs with standard H rubber molding. Further details in J-2 Plan-Pak.) 39.95

Door hinge (one per door). These are the easiest hinges to install on a J-2 coupe, although you can use others. This is a heavy duty hinge. each 9.95

There's a model for you in the galaxy of Astras



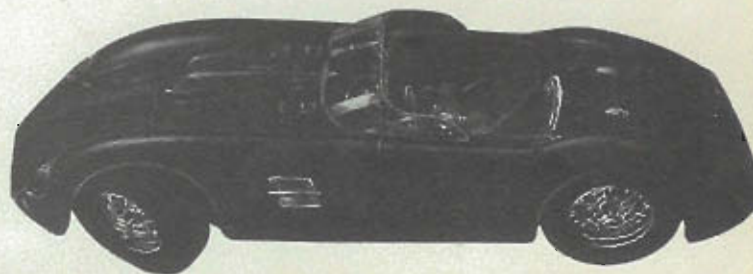
🏠 Astra J-2

🏠 Astra J-4



🏠 Astra J-5

🏠 Astra J-3





Thanks for your interest in our Astra products

Dear Enthusiast,

This catalog introduces you to the Astra Automotive Division of International Fiberglass Products Corporation. IFPC is nationally recognized as a leading manufacturer of many products — containers, marine equipment, hotel and restaurant supplies, and gaskets. Our corporation also produces vital fiberglass products for government projects.

Our expansion from a small shop to modern plants in Sacramento, Calif., and Sauk Centre, Minn., emphasizes the success of our sincere effort to build quality merchandise.

As founder of the Astra Automotive Division, I have been in active control of the business since it started, and I can personally guarantee complete customer satisfaction.

I cordially invite you to inspect for yourself the quality and styling we advertise so readily, as I'm sure your reaction will be the same as others who have visited our plants or have seen our products throughout the world.

I greatly appreciate your interest in our products.

Sincerely,

Allen M. Germaine

Allen M. (Max) Germaine, President
Astra Automotive Division

Plan-Paks pave the way

We have detailed Plan-Paks for each of our bodies. Please see page 4.

Excise tax

Federal excise tax applies to all sales unless you send a notarized statement (see form on enclosed order blank) that the car will be used for competition or show purposes only.

Purchase options

1. 50% down, balance COD. Under this plan, you send us a certified check or money order for one-half of the total purchase price. We ship COD, and you pay the remaining balance on arrival, plus shipping costs and a crating charge of \$35.
2. Full payment. If you send a certified check or money order in full payment of total purchase price, we will pay crating charges. You pay only freight charges on receipt of your shipment.
3. Payment program. Purchasers with an A-1 credit rating who are at least 21 years old may qualify for a 12-month payment plan. Please write for details.

Delivery time and method

Bodies are manufactured to your order. Shipping date will be confirmed on receipt of order (it is normally 10 days to two weeks). Please specify method of shipment. We recommend shipment by truck. Rail shipments require up to 30 days, while truck shipments normally require up to seven days. Charges are approximately \$12 per hundred pounds for every 1,000 miles by rail and \$16 per hundred pounds for every 1,000 miles by truck. Unless otherwise specified, we will ship by truck.

We ship each Astra body in a new reinforced fiberboard container built to ICC specifications. In the event of breakage or lost parts, please notify us immediately since this is covered by carrier's insurance. Insurance companies authorize us to replace damaged or lost merchandise, but will not permit refunds.

We urge purchasers within a 500-mile radius of our plants and distribution points in Sacramento, Calif., Sauk Centre, Minn., and New York City to pick up their units personally.

Brighten any car with the chromed rims shown on the Astra on opposite page

Highly chromed steel rims and Tinsalley centers are combined to make an attractive, durable wheel. Available in 15", 14" and 13" sizes; all with 5 1/2" rim. Lug nuts included. Ready to install . . . each, fob Sacramento 42.50

Meet the Astra

Astra sports car bodies are designed especially for the person who wants a unique, personalized automobile. You may select from five streamlined Astra body styles. The Astra is perfect for race, show and your personal satisfaction. Variations in assembly, running gear, interiors and detailing are limited only by your imagination.

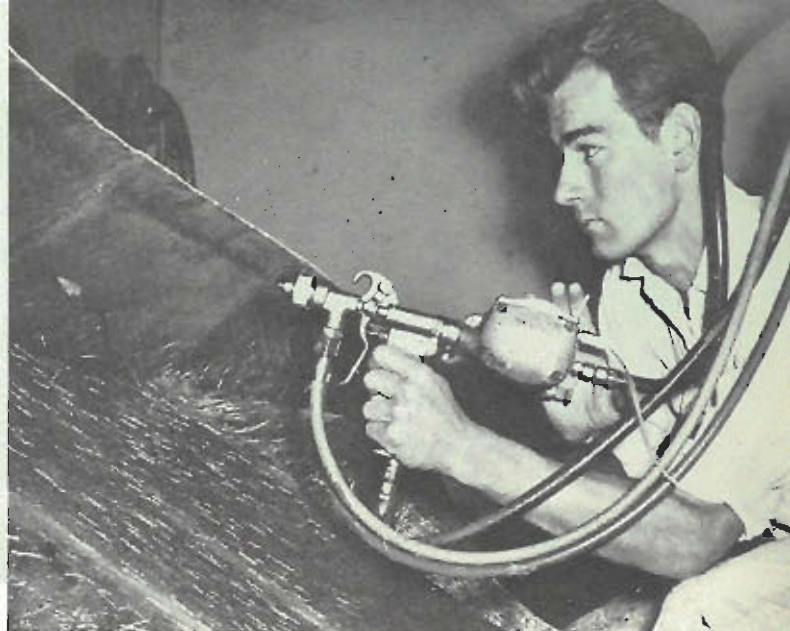
Why are these cars named Astra? Astra means star and these unique automobiles are truly international stars. We have sold and shipped bodies to all parts of the free world, demonstrating clearly the universal appeal of the Astro.

Why fiberglass?

Fiberglass has come into its own in the past decade because of intensive research and development of new polyester resins. These resins cure without pressure in natural room heat. Glass fibers and mat strengthen the plastic just as steel rods strengthen concrete.

The result is a material which, pound for pound, is stronger than steel and does not need structural reinforcing. Fiberglass will not rust, corrode or decay. It has great resiliency and will not dent or warp. Should fiberglass fracture as the result of a major impact, it can be easily and economically repaired by most body and fender shops.

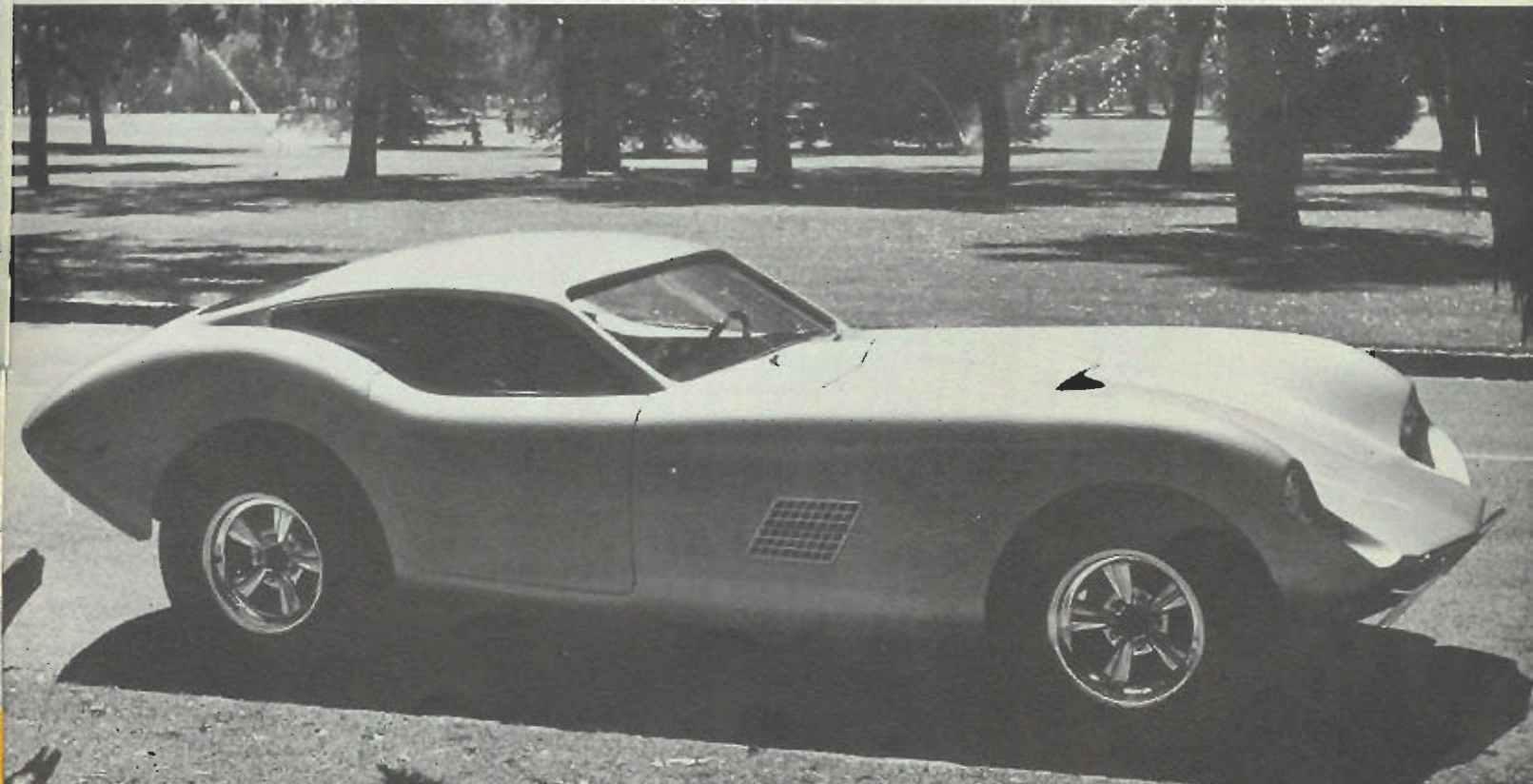
Add to all these features, minimum weight (as little as 60 pounds for the competition body) and you have the only logical material for construction of the aerodynamically styled Astras.



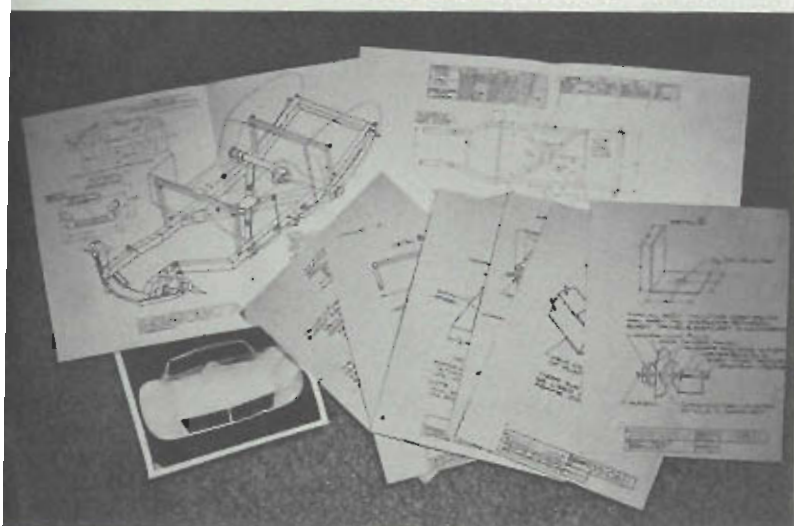
The Astra comes into being

Highly polished one-piece molds are the key to the perfection of finished Astra bodies. A layer of Jel-Cote is applied to the mold to give each body an extremely smooth finish and to give depth to the paint job. Expert technicians then spray the fiberglass and resin into the mold. All openings and critical areas are doubly reinforced.

After the Astra is removed from the mold, ample curing time and meticulous trimming result in a perfectly finished body. It is at this stage that each body is carefully inspected and packed in a special shipping carton for delivery.



You'll find more vital data in Plan-Pak



Before you make a decision to purchase your Astra body, you will want to obtain a complete Plan-Pak for the model you select. You receive a glossy 8x10" photo of the completed model and material which enables you to study the following:

- Detailed frame plans for recommended chassis with suspension modifications.
- Frame and body dimensions.
- Mounting instructions and shortcuts.
- Clear, simple, step-by-step building instructions.
- List of optional accessory parts.
- Specific recommendations and instructions for components.

This useful Plan-Pak is a bargain at \$7.50. Please be sure to specify body style when you order. The price of the Plan-Pak will be credited to the purchase price of any Astra body.

Astra frames speed car construction

For quicker completion

An Astro body-frame combination provides the easiest way to build a J-4 or J-5. Perfectly matched and engineered parts assure you of a finer finished product.

The body is neatly and rigidly mounted on our special frame, and front suspension is mounted in place (see information on frame). By using the recommended parts list in the Plan-Pak and making a trip to a local wrecking yard, you will be well on your way to driving your Astra.

To insure the most satisfactory method of building your car, we have reduced the price of the body-frame combination. This gives you the opportunity to build a personalized car without the problems of mounting the body and modifying a frame.

Astra J-4 body-frame combination (1265.00 value) . 995.00
Astra J-5 body-frame combination (1265.00 value) . 995.00
Crating charge for combination 35.00
Federal excise tax additional (see page 2).

Body shells available

While we recommend that you purchase our complete bodies, we also sell body shells to persons who are on a limited budget or those who wish to give more individual attention to their cars. When you purchase a shell, you do not receive the inner fender panels, the firewall or a floor pan. You do receive the body, complete doors and hood lid.

Build from the ground up

Our special Astra frame is especially designed for the Astro J-4 and J-5 and will eliminate many installation problems for you. The Astra frame is built in a rigid jig, and is the same basic setup as a Corvette except that the engine mounts farther back. The frame rails go under the axle for a lower center of gravity.

The 50-50 weight distribution gives you an excellent handling machine for long trips, racing or daily driving. The 3 x 4-inch tube frame is constructed of .095 wall tubing and is much more rigid than the average production frame.

Included with the frame are Corvette front suspension and spring hangers to accept 1949-50 Ford rear springs. Front shock absorber mounts are installed.

The frame is engineered to use existing General Motors parts and running gear components. Your nearest GM dealer can easily take care of your needs.

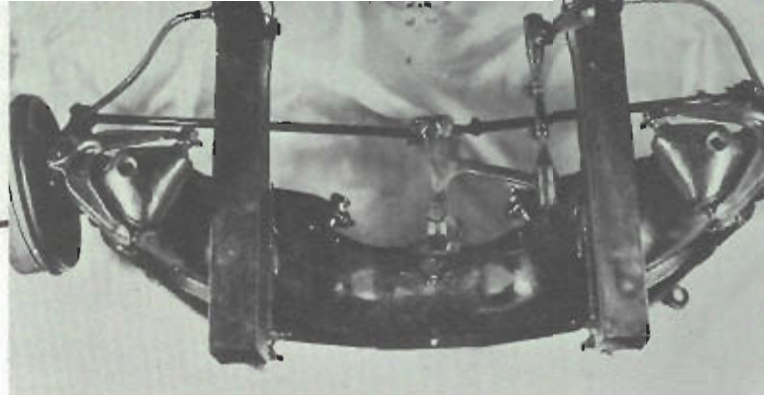
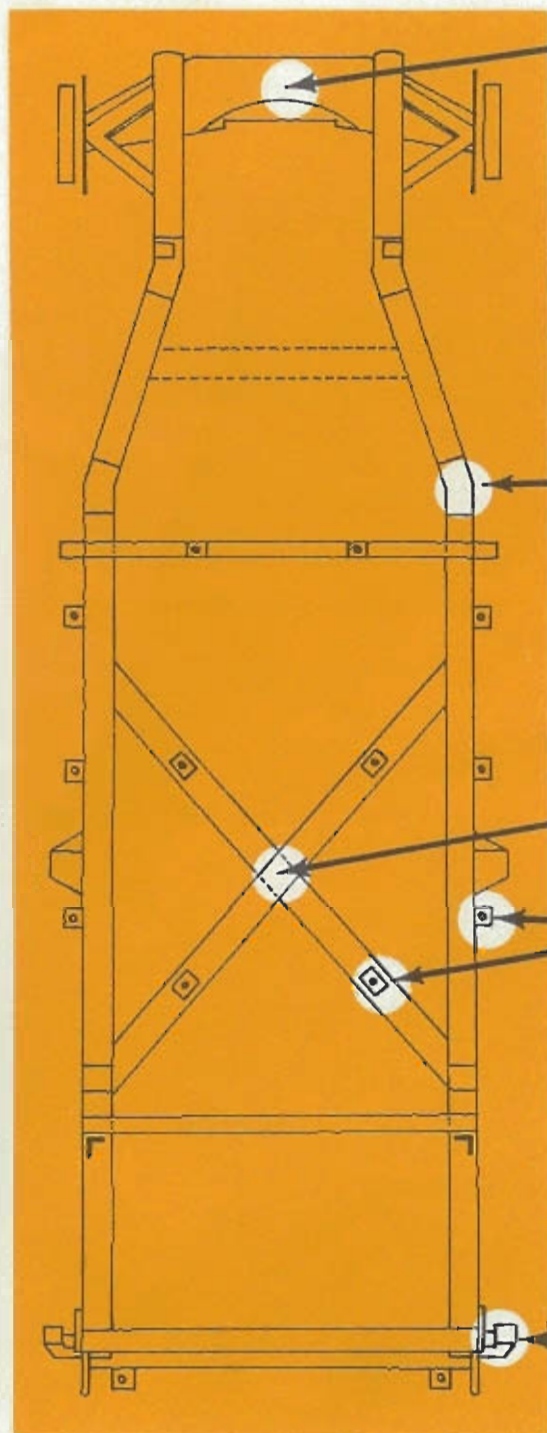
The frame weighs approximately 200 pounds.

96" wheelbase frame for Astra J-4 395.00
102" wheelbase frame for Astra J-5 395.00
Pre-cut frame, unwelded, either wheelbase 125.00
No crating charge. Federal excise tax additional (see page 2).

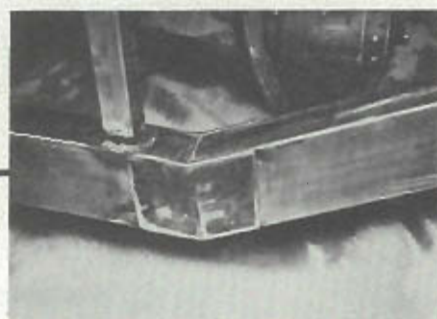
Important note to builders

Body installation on certain frames is rather difficult for the average individual. We therefore urge you to use the frame specified in this catalog for each body. **Important: Do not alter your frame until you have received your Astra body.**

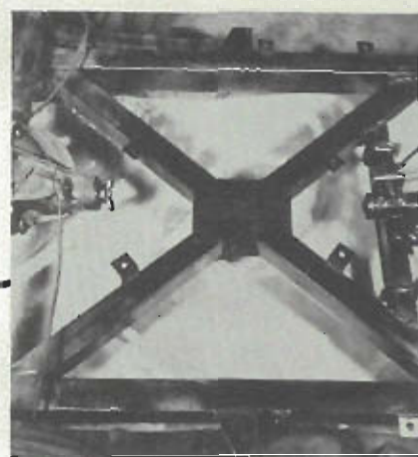
Astra frame



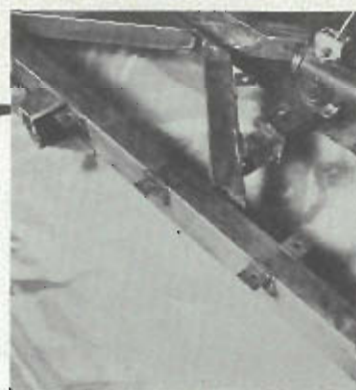
Corvette front end standard



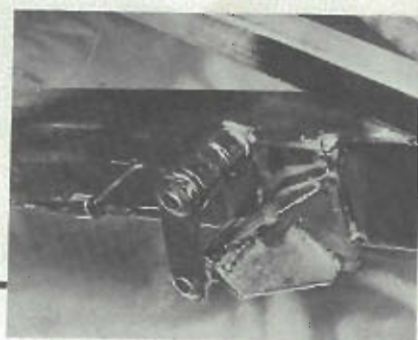
Frame highly reinforced



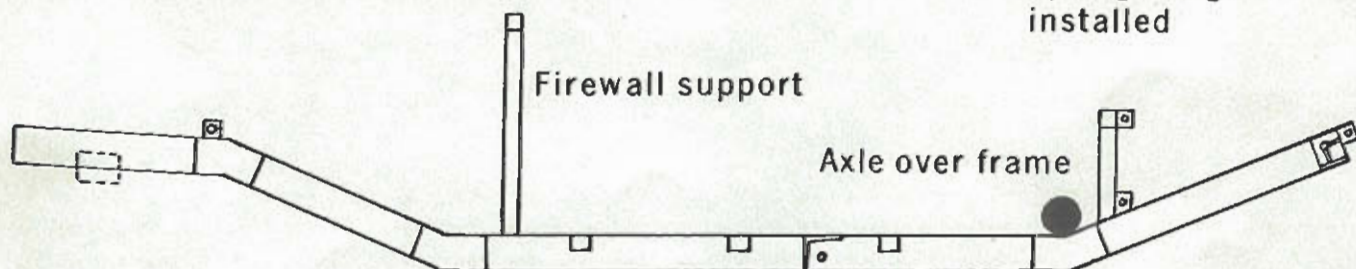
X-member adds strength

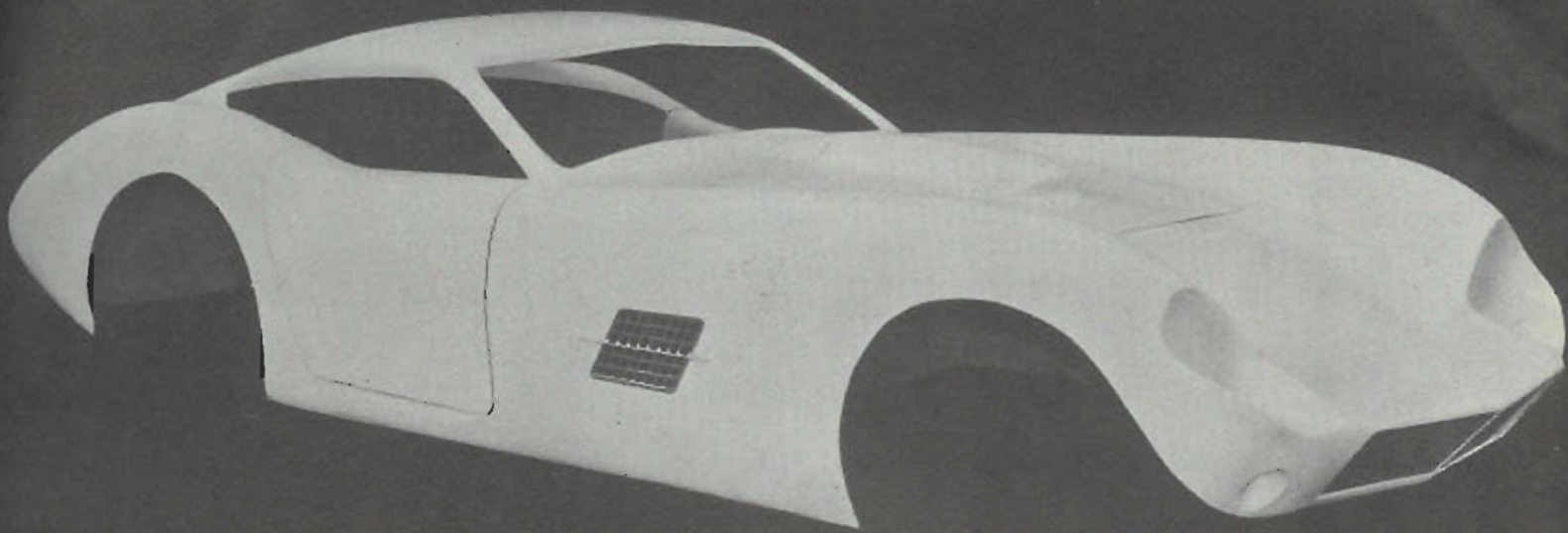


Body brackets installed



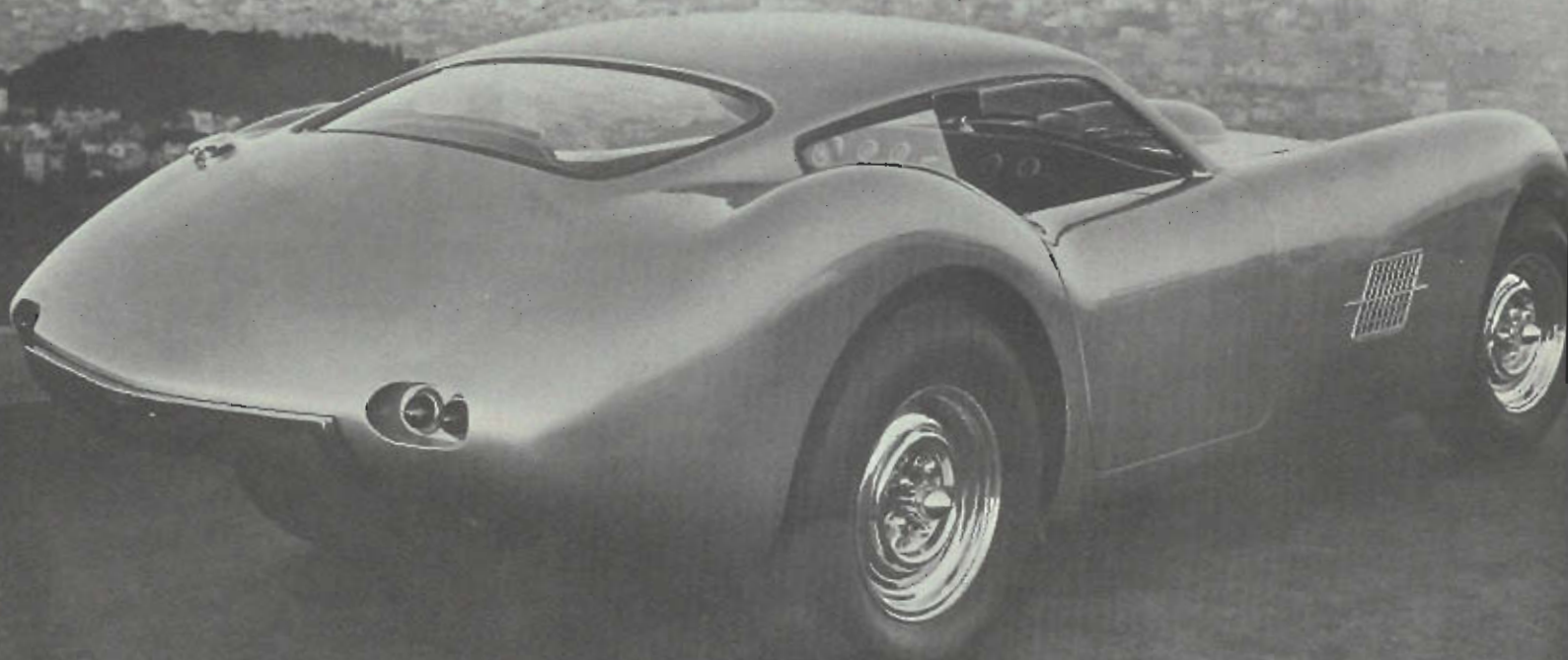
Spring hangers installed





BEAUTIFUL BRUTE

Astra J-5 coupe



The sweeping lines of the Astra J-5 make it a crowd stopper wherever it appears. Because the Astra is aerodynamically styled and light in weight, you obtain the advantages of increased performance and operating economy.

Like other Astra bodies, the J-5 — our most exciting model — is designed for ease of construction. Items such as headlight mounting receptacles, door jambs, floor boards, drive shaft tunnel and dashboard are built in to make your job easier.

The J-5 is designed primarily to fit our special tubular frame or a modified 1955-57 Chevrolet frame. Chevrolet or Corvette frames must be lowered approximately four inches in front and kicked over the rear axle. These modifications require about 32 hours of work by a skilled person.

The Jaguar chassis may also be used, but the engine must be installed at a 30-degree angle and we do not recommend this for the average builder.

We urge builders of Astra automobiles to use components recommended on these pages, since our long experience in building complete automobiles has shown these to be the most practical.



Custom features

Custom features of each Astra J-5 body:

- Hood openings lipped and flanged
- Grille openings cut and flanged
- Dashboard installed
- Floorboard and drive shaft cover installed
- Firewall installed
- Jel-Cote applied for easy finishing
- Headlight, taillight and turn signal recesses
- Hood scoop to clear air cleaners
- Door jambs
- Door striker plates
- Door hinge boxes
- Inner fender panels
- Side vent recesses
- Windshield wiper installation points

Specifications

Wheelbase	100-104"
Treadwidth	56-61"
Body length	176"
Body width	67"
Body height	39"
Body weight	225 lbs.

Complete dimensions listed in Plan-Pak.

Prices

Astra J-5 body, complete	795.00
Astra J-5 body, shell only	695.00
Astra J-5 Plan-Pak	7.50
Crating	35.00

Federal excise tax additional (see page 2).

Recommended parts

Here is a partial list of recommended, readily available components for your J-5. You can use other items, but we find these are the easiest to install. Accessories are shown in the accessory section.

- Door hinges — 1949-52 Plymouth-Dodge lower front door hinges
- Engine — Any size including Chrysler with front drive blower
- Frame — Astra tubular frame
- Gas tank — 1955-57 Chevrolet station wagon (to accommodate spare tire); any gas tank will fit
- Headlights — 1959 Buick or any dual 6" sealed beam
- Hood hinges — Triumph TR
- Hood and deck fasteners — Dzus from TR
- Radiator — Corvette
- Front suspension (furnished with Astra frame) — Corvette
- Springs, rear — 1949-50 Ford
- Steering gear — 1949-54 Chevrolet
- Steering wheel — Covica
- Window, rear — 1949 Buick sedanette
- Windshield — 1951-52 Studebaker
- Windshield wipers, electric — Astra
- Windshield wipers, vacuum — 1946-48 Ford

See a complete list of parts and building instructions in Plan-Pak.



SLEEK SOPHISTICATION

Astra J-4 coupe

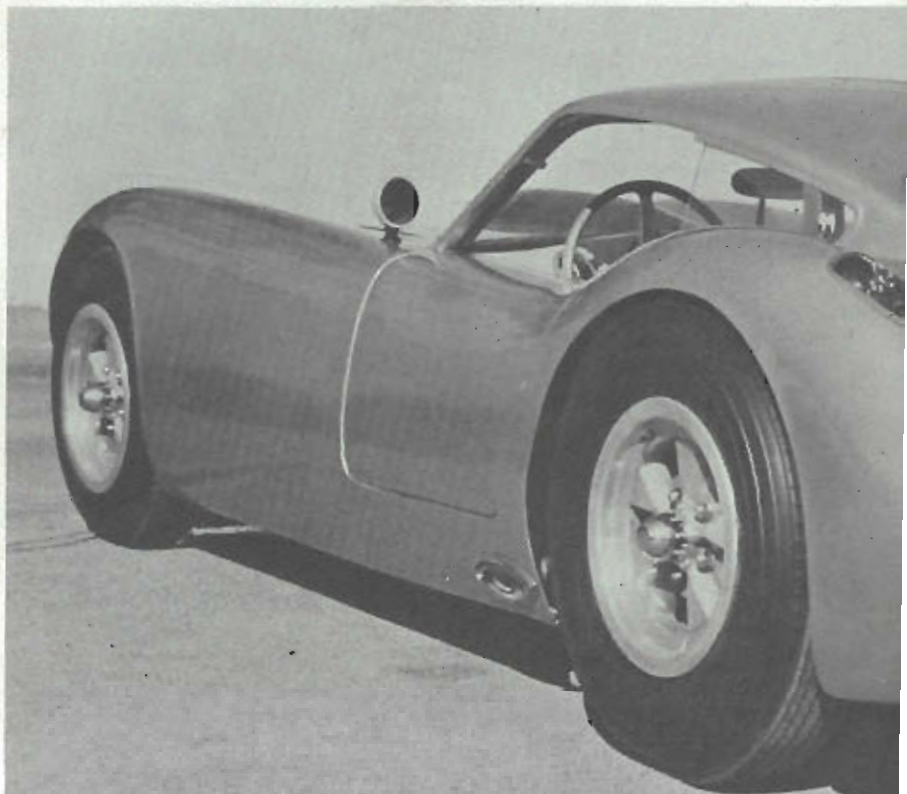


This is a close-coupled Astro. It embodies all of the deluxe features of the J-5 and retains the same aerodynamic styling, including the ultra-low profile. Interior dimensions are equally as generous in the J-4 as in the J-5.

Aside from a shorter overall length, the only major difference between the J-4 and J-5 bodies is headlight receptacles — the J-4 is constructed to accept single headlights, while dual headlights are normal for the J-5.

Like the J-5, the J-4 is best suited for installation on our special tubular frame. It will also fit a domestic automobile frame shortened to 94 to 98-inch wheelbase, and 94 to 98-inch wheelbase sports car frames.

The deluxe features of our bodies (listed on these pages), coupled with recommended components, make your job easier.





Custom features

Custom features on each Astra J-4 body:
 Hood openings lipped and flanged
 Grille openings cut and flanged
 Dashboard installed
 Floorboard and drive shaft cover installed
 Firewall installed
 Jel-Cote applied for easy finishing
 Headlight, taillight and turn signal recesses
 Hood scoop to clear air cleaners
 Door jamba
 Door striker plates
 Door hinge boxes
 Inner fender panels
 Side vent recesses
 Windshield wiper installation points

Specifications

Wheelbase	94-98"
Treadwidth	56-61"
Body length	165"
Body width	67"
Body height	39"
Body weight	200 lbs.

Complete dimensions listed in Plan-Pak.

Prices

Astra J-4 body, complete	795.00
Astra J-4 body, shell	695.00
Astra J-4 Plan-Pak	7.50
Crating	35.00

Federal excise tax additional (see page 2).

Recommended parts

Here is a partial list of recommended, readily available components for your J-4. You can use other items, but we find these are the easiest to install. Accessories are shown in the accessory section.

Door hinges — 1949-52 Plymouth-Dodge lower front door hinges

Engine — Any size including Chrysler with front drive blower

Frame — Astra tubular frame

Gas tank — 1955-57 Chevrolet station wagon (to accommodate spare tire); any gas tank will fit

Headlights — 1959 Buick or any dual 6" sealed beam

Hood hinges — Triumph TR

Hood and deck fasteners — Dzus from TR

Radiator — Corvette

Front suspension (furnished with Astra frame) — Corvette

Springs, rear — 1949-50 Ford

Steering gear — 1949-54 Chevrolet

Steering wheel — Covico

Window, rear — 1949 Buick sedanette

Windshield — 1951-52 Studebaker

Windshield wipers, electric — Astra

Windshield wipers, vacuum — 1946-48 Ford

See a complete list of parts and building instructions in Plan-Pak.

FIBERGLASS PRODUCTS

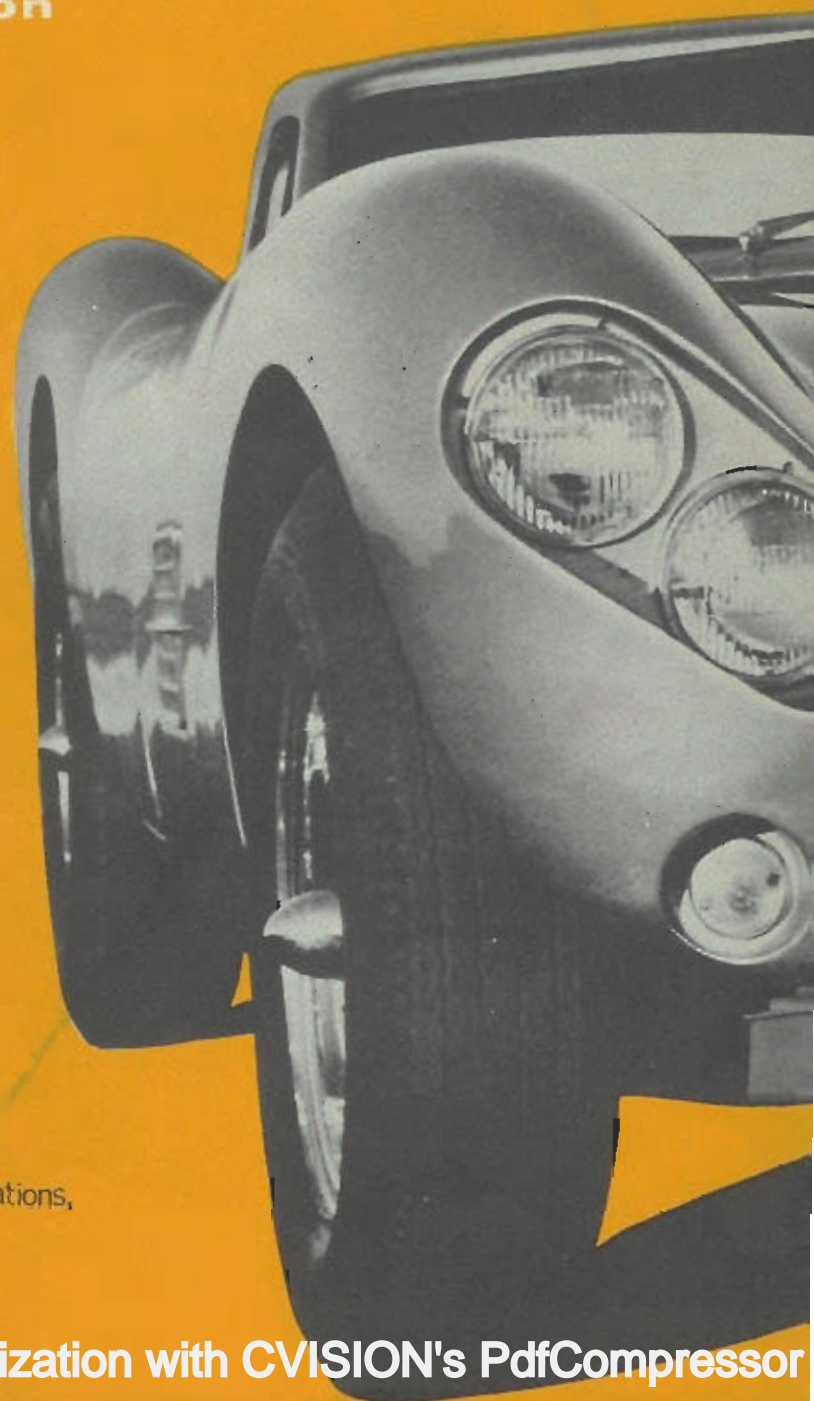
Astra Automotive Division

2140 SUTTERVILLE ROAD

SACRAMENTO 22, CALIFORNIA

PHONE 452-8164

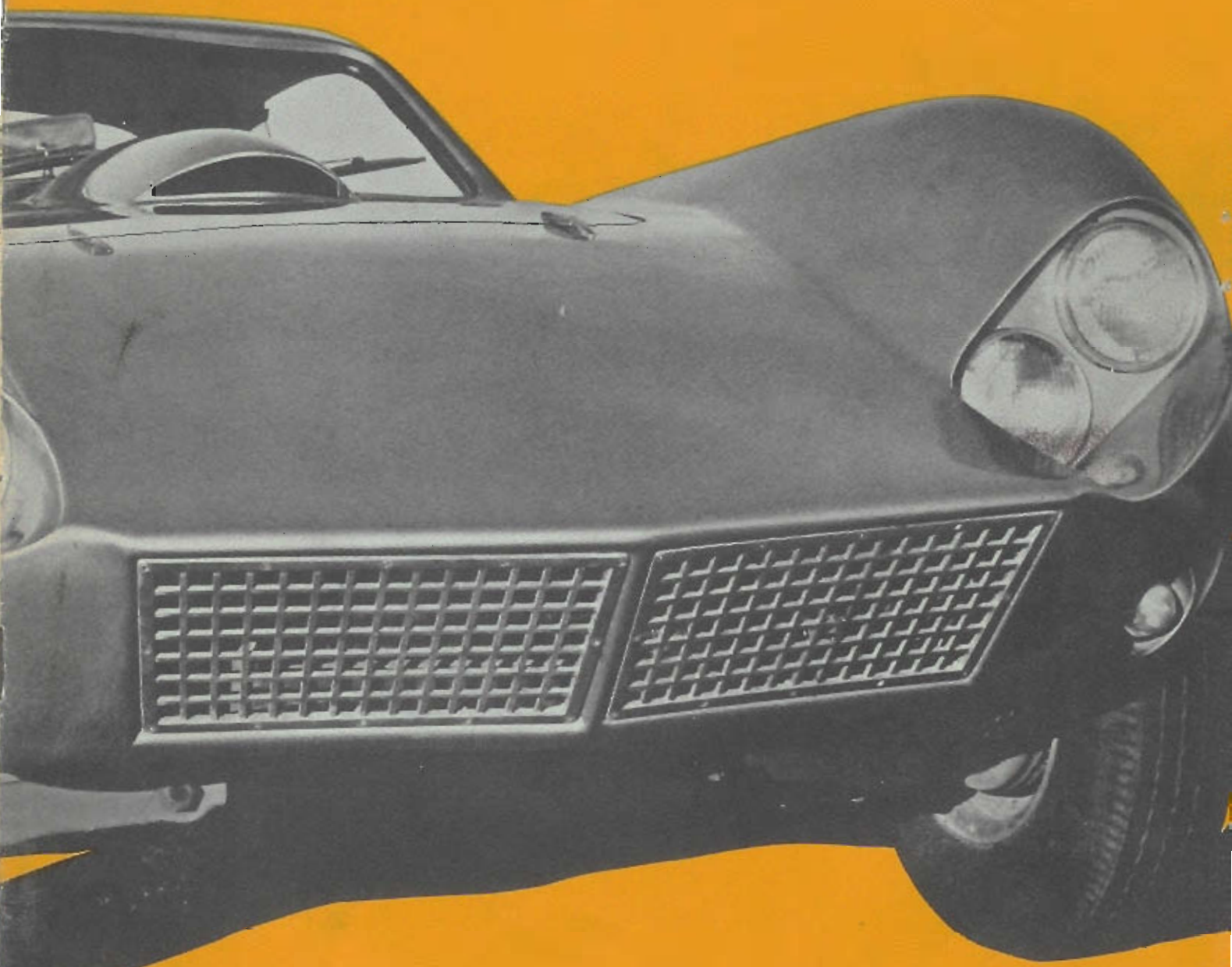
DIRECT DIALING CODE 916



Purchase an Astra ready for the highway.
We will build a complete automobile to your specifications,
using one of the Astra body styles. Write for details.



RETURN POSTAGE
GUARANTEED



WINTER 1962-1963 | \$1.00