

RENAULT



**FROM A GREAT RACING
HERITAGE COMES AMERICA'S
FIRST TURBOCHARGED RENAULT.**

FUEGO TURBO



It's the most exciting car we've ever offered. From Renault, the company that pioneered in small displacement, turbocharged engines on the race track.

In 1978, a turbo Renault Alpine beat its arch-rival, Porsche, in the grueling 24 Hours of Le Mans. After further development of its turbo engine, Renault introduced the first turbocharged car in Formula One World Championship competition. It won the 1979 French Grand Prix, added three more Grand Prix's in 1980, and three more in 1981. It beat engines twice its size and such famous names as Ferrari, Alfa-Romeo and Lotus.

The intercooler on Fuego is one development from this racing experience. It allows the turbocharger to produce an unusually high boost of power - 50% more air pressure than in most turbocharged passenger cars. And with great efficiency. Fuego's turbocharged engine actually has better EPA gas mileage ratings than the fuel-injected engine. See pages 14 and 15. And only Fuego offers an intercooler on a production car in America.

Add to this a great-handling, front-wheel drive package. Topped by a beautiful, aerodynamic body. And Fuego Turbo is one car that demands to be driven as few cars can be driven today.

Suddenly, driving has become great sport again.



**LOOKS AND
PERFORMANCE THAT
REALLY MOVE YOU.**

FUEGO

"Fuego does all the good things that a sport coupe should do and throws in some real packaging talent as well." So says Car and Driver. European buyers agree. They made Fuego an instant success when it was introduced in Europe one year ago. Today, Fuego is the best-selling sport coupe in Europe.

Standard on Fuego is another winner from Renault's excellent stable of engines. A very efficient 1.6 litre engine coupled with a 5-speed transmission. It's fuel injected to move you out quickly. But with excellent gas mileage, [24] EPA estimated mpg, 36 estimated highway.*

Behind Fuego is the world's sixth largest car manufacturer—Renault—builder of the best-selling front-wheel drive car in the world, Renault Le Car.

*Use these figures for comparison. Your mileage may vary. Actual highway mileage will probably be lower.



**FUEGO IS SHAPED LIKE A RAINDROP
TO SLIP THROUGH THE AIR—
WITH A 0.35 DRAG COEFFICIENT!**

AERODYNAMICS

It's a simple engineering maxim. The less wind resistance created by a car, the better its performance and economy. Fuego's low 0.35 drag coefficient is better than that of such well-known performers as Scirocco, Datsun 280ZX, Porsche 928, and the new Camaro.

In designing Fuego, Renault engineers faced a basic principle. Simply put, the driving force produced by the engine on a level road is opposed by two forces — rolling resistance and air resistance. Reducing either force improves the car's performance.

Reducing the air resistance is primarily a matter of modifying the car's shape while carefully ducting the internal airflow needed for engine cooling and cabin ventilation.

To reach Fuego's low 0.35 drag coefficient, the stylist's designs were tested in three stages in a wind tunnel. First, with a one-fifth scale model. Then with a full-scale model. And finally with the actual vehicle. Every component and every line was thought out and carefully refined according to final wind tunnel tests.

What's remarkable is that even with this low drag coefficient, Fuego is beautifully styled. With gentle curves around the striking profile. Across the rear. And along the windshield.

The entire front end, from the air dam up to the hood, curves back to guide the airflow around it.

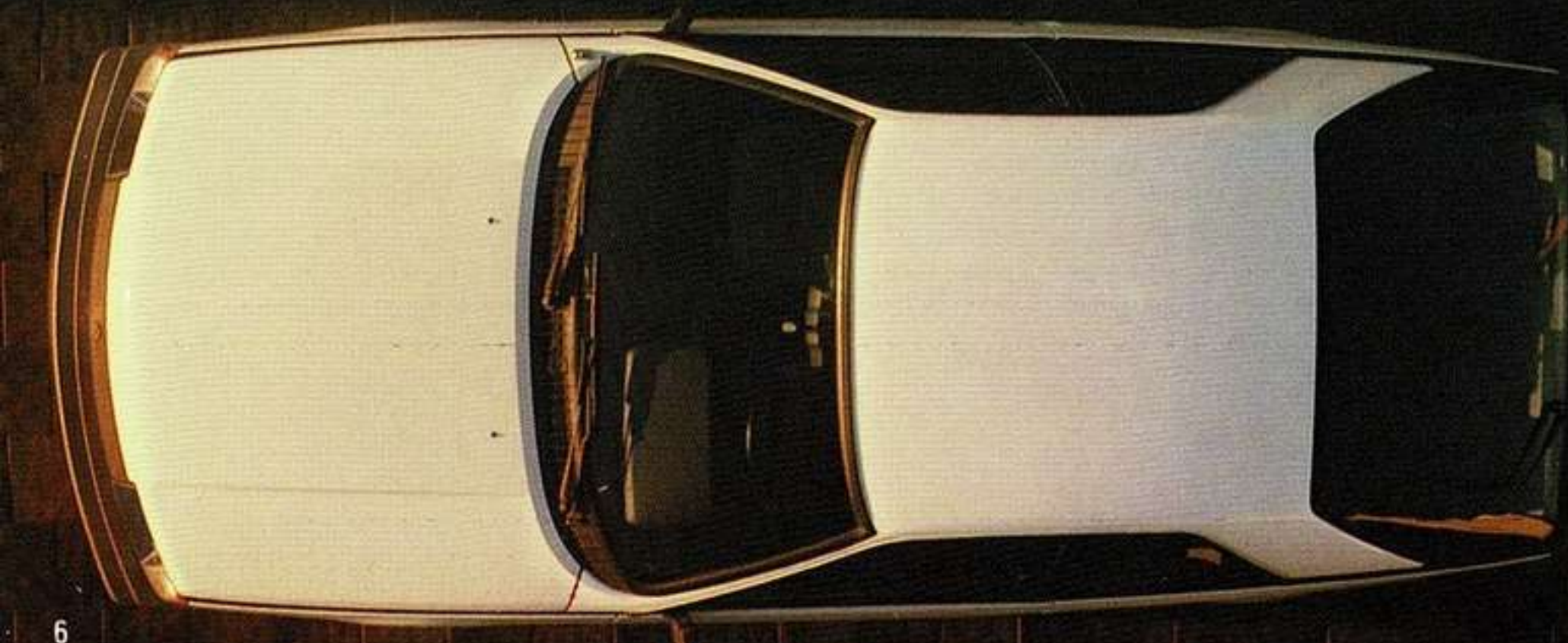
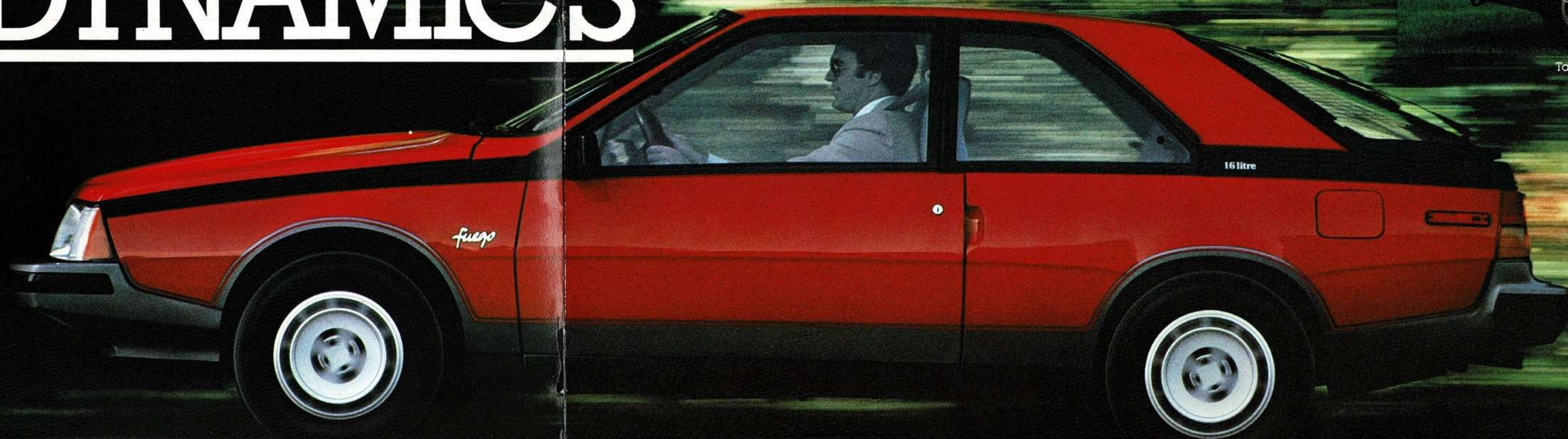
Even the door handles are concealed to eliminate wind resistance. And the wheel openings are tucked tight to the wheels for better airflow. The result is one of the slipperiest shapes around.



Pronounced slope of windshield.



Tapered fuselage shape.



Gentle curves all around.



Integrated rear spoiler.

**MORE ROOM, MORE LUXURY
THAN YOU'D EVER EXPECT IN
A 4-SEAT SPORT COUPE.**

SPACIOUS SPORT COUPE

Compare Fuego against any other sport coupe in its price range and Fuego comes out as an exceptional value. It has more room inside than practically any other imported sport coupe. More room than even the new Camaro or Firebird.

There's plenty of room for four adults. And the bio-mechanically engineered, bucket seats give you exquisite comfort. Special care was taken to use various paddings with different compression characteristics to fit the body's shape and weight. You sit comfortably and uncramped. With excellent lumbar and lateral support. And with free arm movement.

You get ample cargo space under the wide-open hatch. Plus storage compartments, map pockets, and two hidden cargo floor compartments.

Fuego's long list of standard equipment includes items that are extra cost on other cars. And no other imported sport coupe near Fuego's price offers such options as leather seats. Or a power sun roof with so large an opening.

Other sport coupes may have good looks. But few offer such a well-engineered interior.



Optional power sun roof.



Optional Nutmeg leather on standard, bio-formed, reclining seats.



Standard Fuego Check Fabric in Nutmeg. Also available in Gray or Blue.



Standard fold-down rear seats and cargo hatch.



**IT'S JUST ABOUT THE MOST
INFORMATIVE PANEL
YOU'LL FIND ANYWHERE.**

A LOT OF DASH

Part of Fuego's superb sense of command comes from its ergonomic arrangement of instruments and controls.

Everything's bio-mechanically designed to be right at hand. Important safety controls are on stalks within fingertip reach from the wheel. Seat recliner and tilt steering wheel are infinitely adjustable.

Gauges and graphics are easy to read, day or night. Standard are a tachometer, trip meter, and a unique oil level gauge. It lets you check the engine oil level from inside the

car when you turn the key. At the top of the panel, eleven lights warn you of everything from leaving your headlights on to a worn brake pad.



- A. 4-way hazard flasher.
- B. Warning lights. (See page 12).
- C. Speedometer, odometer, trip meter.
- D. Fuel, temperature and oil level gauges.
- E. Tachometer.
- F. Rear window defogger.
- G. Optional rear hatch window wiper.
- H. Turn indicator with optional cruise control.
- I. Stalk control for headlights, high beam and horn.
- J. Windshield washer and wiper.
- K. Tilt steering wheel adjuster.
- L. Optional AM/FM cassette stereo radio.
- M. Heater and optional air conditioning controls.
- N. Optional power door locks.
- O. Quartz digital clock.
- P. Boost gauge for optional turbocharger.
- Q. Illuminated cigarette lighter.
- R. Illuminated ashtray.



**FUEGO IS VERY COMPLETE.
BUT THERE ARE OPTIONS
TO EXPAND YOUR PLEASURE.**

FUEGO FEATURES



AM/FM Pushbutton
Stereo Radio.



Inside Hatch Release.



FUEGO OPTIONS

AM/FM Cassette
Stereo Radio

- ☐ Air conditioning. ☐ Automatic transmission with cruise control (Not available on Turbo). ☐ Power sun roof. ☐ Cast aluminum styled wheels with Michelin TRX tires (Required on Turbo). ☐ Touring Interior—Nutmeg leather seat upholstery. ☐ AM/FM cassette stereo radio with four speakers. ☐ Visibility Group—Remote right-hand mirror and rear hatch window wiper. ☐ Convenience Group—Power windows and door locks. ☐ Metallic clearcoat paint. ☐ Floor mats.

Specific option groups have been set up to expedite your new car order. See your Renault dealer for details on availability of factory-installed options as well as dealer-installed parts and accessories for your Fuego.



Cruise Control.



Rear Hatch
Window Wiper.

Power Windows.



Dealer-Installed
Ski Carrier And
Ventshades.



Also available are cargo security cover, bodyside moldings, door guards, splash guards, fog lights and rear window louver.



Automatic
Transmission

Power
Door
Locks.



Power Sun Roof



Cast Aluminum Styled
Wheels With
Michelin TRX Tires.



Full Styled Wheel Covers.



Map Pockets.



Quartz Digital
Clock.



Driver's Side
Remote Mirror



Concealed
Door
Handles



Tilt Steering
Wheel



5-Speed Manual
Transmission.



Door Stowage Compartment.

courtesy lights. ☐ Passenger side overhead map light. ☐ Swing-out rear quarter windows. ☐ Two front and two rear, color-keyed, retractable seat/shoulder belts. ☐ Padded vinyl door and rear quarter panel trim with carpeted lower panel. ☐ Armrests and stowage compartments for front and rear seats. ☐ Map pockets on rear of front seats. ☐ Color-keyed carpeting on passenger and cargo floor. ☐ Inside hatch release on driver's door jamb. ☐ Gas-piston assisted, full-width hatch. ☐ Rear window defroster. ☐ Two hidden stowage compartments in cargo floor. ☐ Extra-quiet insulation package.

EXTERIOR

- ☐ Full styled wheel covers. ☐ Driver's side remote mirror. ☐ Integrated front air dam. ☐ Anthracite lower bodyside paint. ☐ Black surround of windshield, side windows, and hatch window with integral rear spoiler. ☐ Lower bodyside accent stripe. ☐ Anthracite urethane bumpers with integrated black nerf strips. ☐ Single rectangular headlamps.

FUEGO TURBO

In addition to or replacing Fuego features:
☐ 1.6 liter 4-cylinder turbocharged engine with Bosch L-Jetronic fuel injection. ☐ Exhaust-driven turbocharger with intercooler. ☐ Special axle ratio. ☐ Cast aluminum styled wheels. ☐ Michelin low profile TRX steel-belted radial tires. ☐ Sport accent stripes on bodyside and hood. ☐ Turbo nameplates.

Certain equipment items and features illustrated and described in this catalog are optional at extra cost unless otherwise specified. Certain equipment items and features may not be available for all models. This catalog contains information that is correct at time of printing. Renault reserves the right to discontinue or change specifications, models, equipment or prices at any time without incurring obligation.

STANDARD EQUIPMENT

FUNCTIONAL: ☐ 1.6 liter OHV 4-cylinder engine with Bosch L-Jetronic fuel injection system. ☐ Front-wheel drive. ☐ 5-speed manual overdrive transmission. ☐ Power front disc/rear drum brakes. ☐ Power rack and pinion steering. ☐ Independent front suspension with lower A-arms. ☐ One-piece box section rear axle suspension. ☐ Front and rear stabilizer bars. ☐ Michelin BSW steel-belted radial tires. ☐ Unitized body construction. ☐ Plastic front inner fender panels. ☐ Undercoating.

INTERIOR

☐ Bio-formed, reclining, high back bucket seats in Fuego Check Fabric with vinyl trim and carpeted facing. ☐ Two, fold-down rear seats. ☐ Color-keyed interior and instrument panel. ☐ Speedometer, odometer, trip meter, tachometer, temperature, fuel and oil level gauges. ☐ Eleven warning lights—headlights on, seat belt, high beam, rear defroster on, emergency brake on, low oil pressure, worn brake pad, battery/alternator, flasher on, low fuel warning, oxygen sensor for exhaust/emissions. ☐ Tilt steering wheel with infinite adjustment. ☐ Leather-wrapped sport steering wheel. ☐ Column-mounted, stalk controls for (1) turn indicator, (2) headlight, high beam, horn, (3) windshield washer/wipers. ☐ Intermittent windshield wipers. ☐ Tinted glass. ☐ Illuminated cigarette lighter and ashtray. ☐ Large locking glove box with light. ☐ AM/FM pushbutton stereo radio with four speakers in doors and rear wall. ☐ Quartz digital clock. ☐ Day/night rearview mirror. ☐ Passenger side visor vanity mirror. ☐ Flow-through ventilation with side window defogging. ☐ Inside hood release. ☐ Full-length floor console with rear seat ashtray. ☐ Color-keyed premium headliner. ☐ Three passenger assist handles. ☐ Driver's side and rear overhead

AMERICAN MOTORS BUYER PROTECTION PLAN® FOR RENAULT VEHICLES.

Renault vehicles are now backed by the exclusive American Motors Buyer Protection Plan. Highlights of this and other warranties and plans follow. For complete details see your authorized Renault dealer.

FULL WARRANTY COVERAGE

New Renault vehicles are protected against defects in material or workmanship under normal use and service by a full 12-Month/12,000 Mile (20000 km) Warranty.

SERVICE ADJUSTMENTS

Any needed service adjustments not a part of normal scheduled maintenance will be performed without charge during the first 12 months or 12,000 miles (20000 km).

WARRANTY SERVICE FOR OWNERS WHO MOVE OR TRAVEL

Warranty Service will be performed by any authorized Renault dealer in the U.S. or Canada.

WARRANTY COVERAGE FOR SUBSEQUENT OWNERS

Subsequent owners are eligible for any unused portion of the new vehicle warranty.

TIRE POLICY

Tires are covered by a separate limited warranty provided by the tire manufacturer.

NEW VEHICLE PRE-DELIVERY INSPECTION

Prior to delivery, every new Renault vehicle has been serviced and tested for handling, braking and overall performance in accordance with the Renault Pre-Delivery Inspection Checklist.

LOANER CAR SERVICE

If warranty repairs require keeping the vehicle overnight, the servicing Renault dealer will provide a free loaner car subject to terms and conditions in the Warranty and Maintenance Guide.

TRIP INTERRUPTION PROTECTION

If warranty repairs are required while traveling

100 miles (160 km) or more from home, and "same day" repairs cannot be performed by the servicing Renault dealer, the owner will be reimbursed for extra lodging and meal costs up to \$150.

TOWING COVERAGE

If the Renault vehicle needs warranty repairs and cannot be driven, the owner will be reimbursed up to \$25 to have it towed to the nearest authorized Renault dealer subject to terms and conditions in the Warranty and Maintenance Guide.

RENAULT POWERTRAIN PROTECTION LIMITED WARRANTY

In addition to the Full 12-Month/12,000 Mile (20000 km) Warranty, specific powertrain components of new Renault vehicles are covered for the earlier of 24 months or 24,000 miles (40000 km) against defects in material or workmanship. The vehicle owner must pay for the first \$100 of each valid warranty claim.

RENAULT PERFORATION FROM CORROSION LIMITED WARRANTY

Any original equipment part or component installed in a new Renault vehicle (except exhaust components) that proves to have developed perforation from corrosion within 3 years from date of delivery or first use, will be repaired or replaced at no charge.

Complete information regarding these warranties and related benefits can be found in the Renault Warranty and Maintenance Guide.

SERVICE SECURITY PLAN FOR RENAULT VEHICLES

An optional Service Security Plan offering additional comprehensive service protection is available from participating Renault dealers.

Features include:

- Standard and Deluxe Plans for extended coverage up to 3 years/36,000 miles (60000 km) or 5 years/50,000 miles (80000 km) • Car rental assistance • Towing reimbursement • Trip interruption protection • Transferable clause • Deductible clause

Buyer Protection Plan is a registered trademark of American Motors Corporation.

EPA MILEAGE DATA—ALL STATES.

	EST. MPG.	HWY. EST.	COMB. EST.
FUEGO			
5-Speed	24	36	29
Automatic	24	31	26
FUEGO TURBO			
5-Speed	26	39	30

Use EPA est. MPG for comparison. Your mileage may vary with speed, weather, trip length. Actual highway mileage will probably be less.

EXTERIOR COLOR SELECTION

- A. Black clearcoat
- B. White
- C. Red
- D. Beige metallic clearcoat*
- E. Dark Blue metallic clearcoat*
- F. Silver metallic clearcoat

*Not available on Fuego Turbo

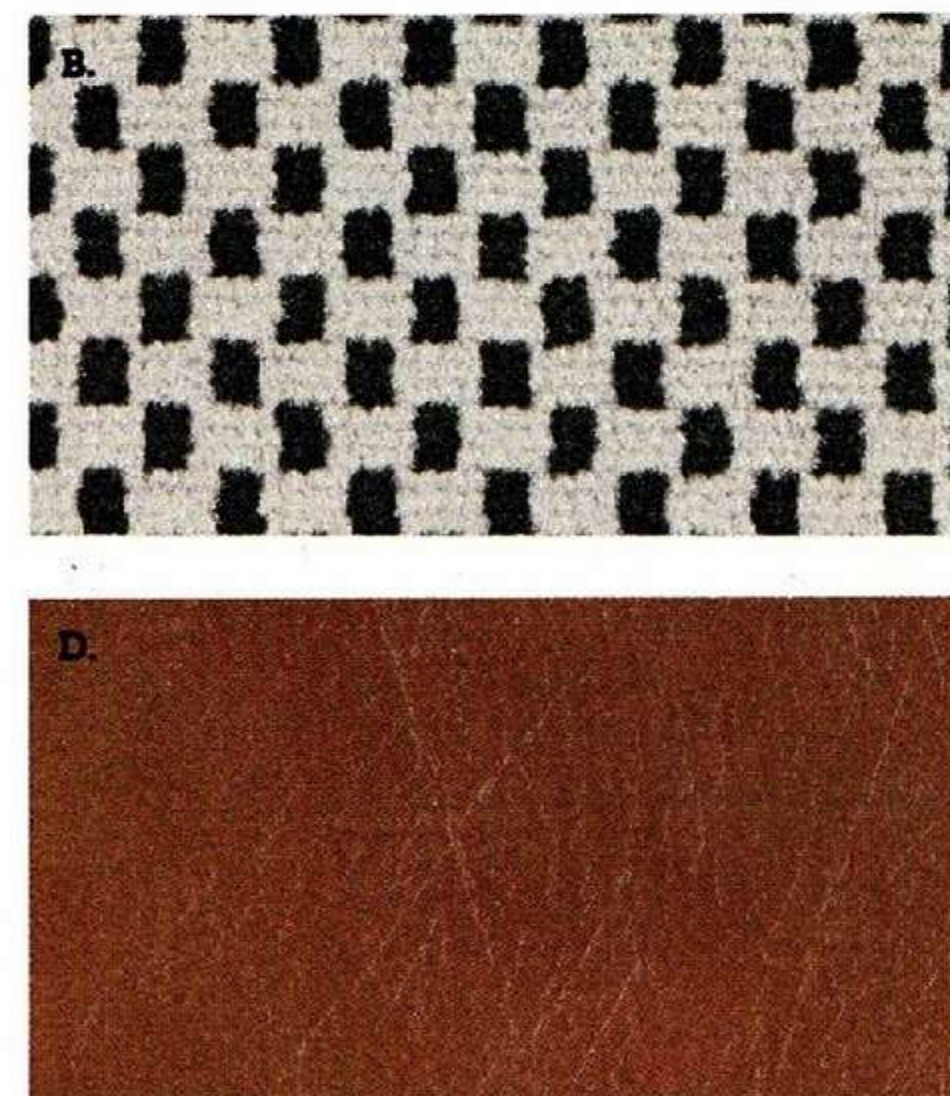
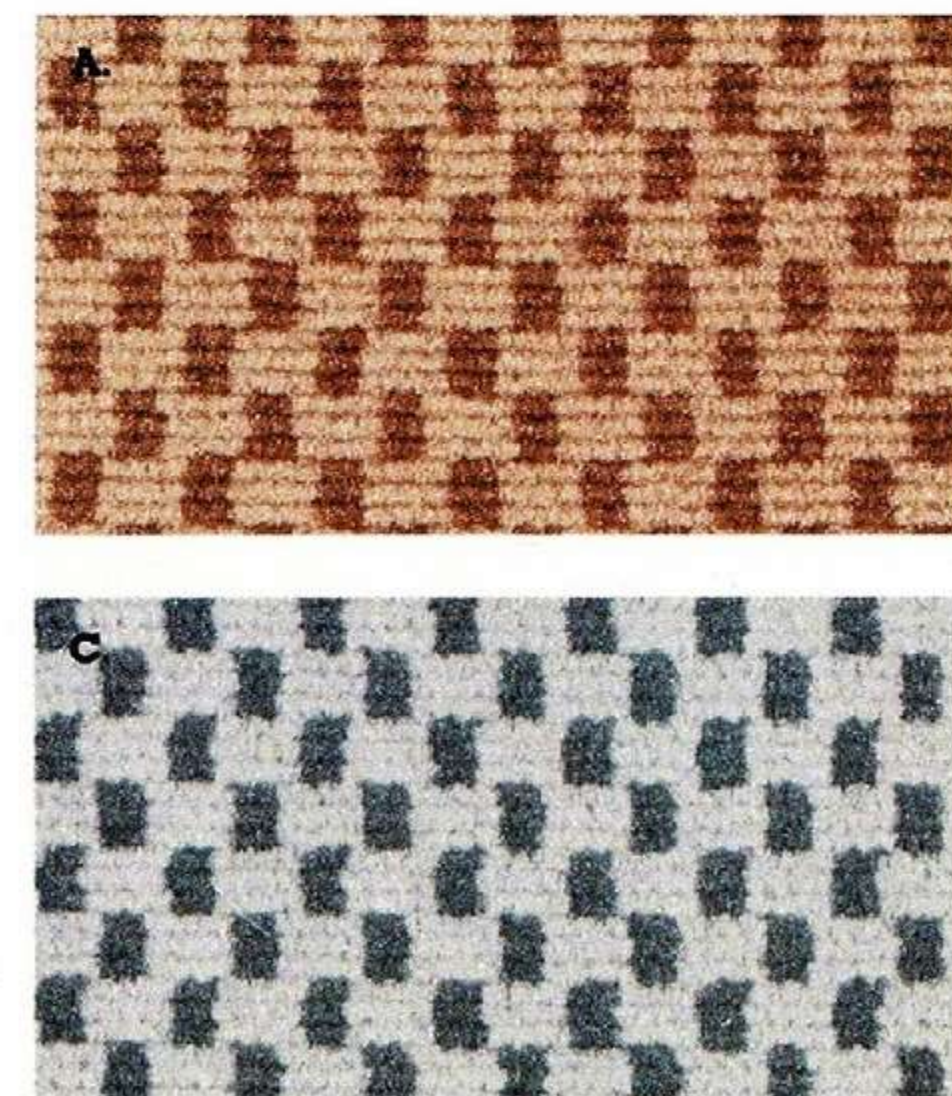
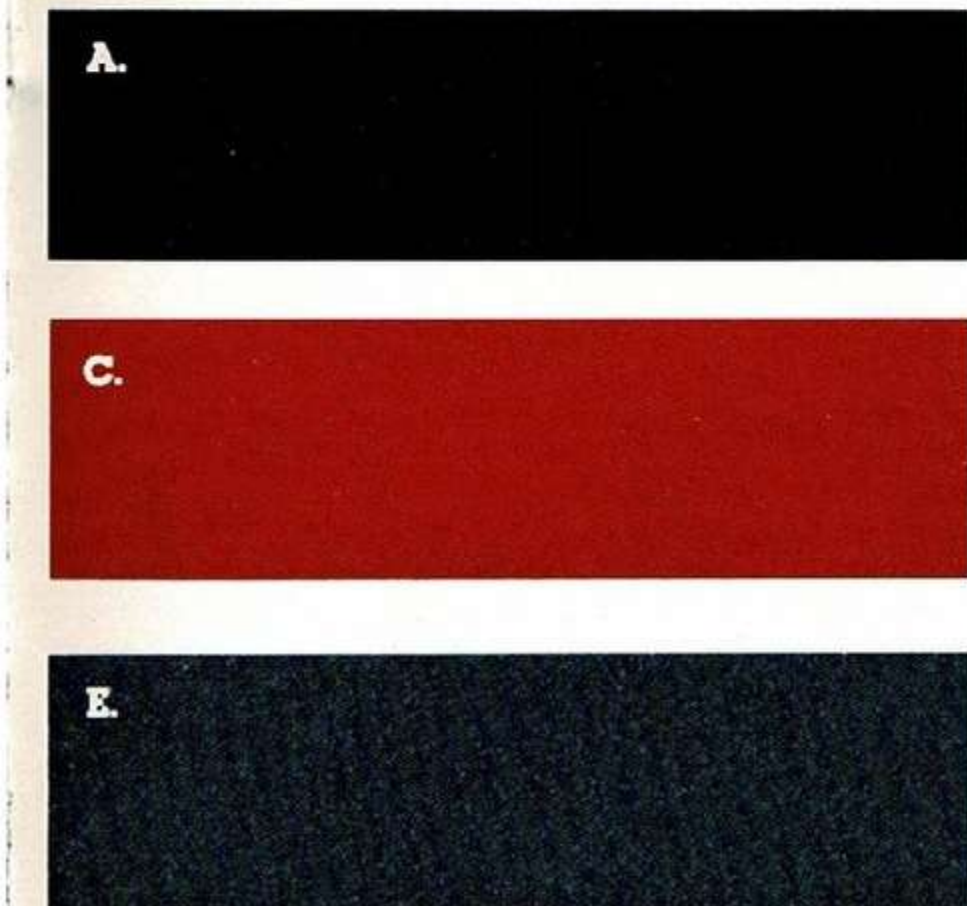
INTERIOR FABRIC/LEATHER SELECTION

STANDARD FUEGO CHECK FABRIC

- A. Nutmeg
- B. Gray
- C. Blue

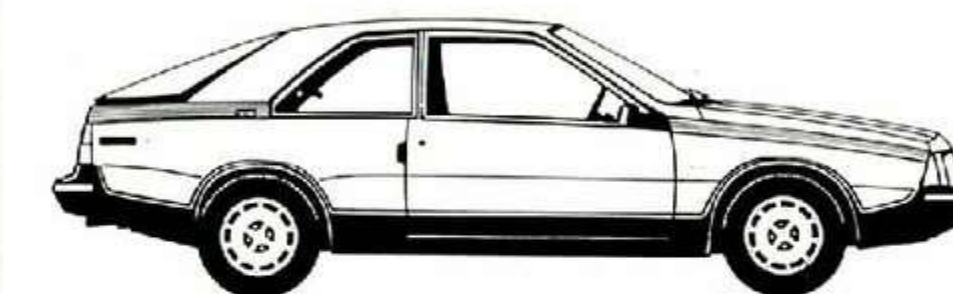
OPTIONAL TOURING INTERIOR—LEATHER

- D. Nutmeg



GREAT ENGINEERING BACKED BY AMERICAN MOTORS' EXCLUSIVE BUYER PROTECTION PLAN.®

FUEGO FACTS



DIMENSIONS

Wheelbase	96.1 in. (244.1 cm)
Length	176.8 in. (449.1 cm)
Width	66.6 in. (169.2 cm)
Height	50.5 in. (128.3 cm)

Cargo Capacity	
• Rear seats up	13.7 cu. ft.
• Rear seats down	33.8 cu. ft.
Interior volume index	96.8
Fuel capacity	14.8 gal. (56.0 litres)
Curb weight	2379 lbs. (1080.1 kg)

ENGINES

Type	1.6 LITRE	TURBO
Cylinders	4	4
Displacement	1.647 litres (100.5 cu. in.)	1.565 litres (95.5 cu. in.)
Bore and stroke	79 x 84 mm	77 x 84 mm
Compression ratio	8.6 : 1	8.0 : 1
Fuel-air supply	Bosch L-Jetronic fuel injection.	Bosch L-Jetronic fuel injection. Exhaust-driven turbocharger with inter-cooler and waste gate.

Maximum boost
Ignition Electronic

Electronic with knock sensor and spark retardation.

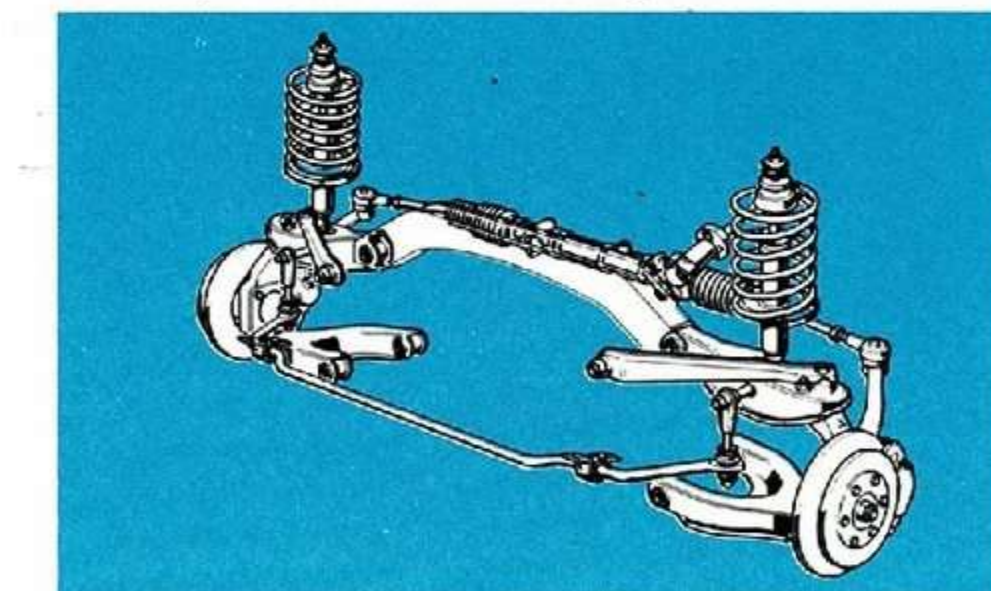
Electrical system	12 volt, negative ground
Battery	45 amp. (60 amp. with air cond.)
Alternator	50 amp. (70 amp. with air cond.)

TRANSMISSIONS

Fully synchronized 5-speed manual with overdrive. Floor mounted. 4.12 : 1 axle ratio. (3.78:1 axle ratio on Turbo.) Optional 3-speed automatic. (Not available on Turbo.)

FRONT SUSPENSION

Independent front with lower A-arms. Upper transverse and reaction arms. Coil springs. Telescopic hydraulic shocks. 19 mm stabilizer bar. Negative scrub radius design provides Fuego with superb directional stability.



REAR SUSPENSION

One-piece box section rear axle linked to the chassis by a central A-shaped control arm to prohibit lateral movement. Dual trailing arms control longitudinal movement. Coil springs. Telescopic hydraulic shocks. 25 mm tube-type stabilizer bar. Spring and shock rates are set for a firm, smooth, very stable ride on various kinds of road surfaces.

STEERING

Rack and pinion. Variable power assist. 2.8 turns, lock to lock.

BRAKES

Disc brakes—front. Self-adjusting, rear drum brakes. Semi-metallic brake pads. Power assisted with 8-inch booster. Safety features include a height sensing pressure proportion valve in the rear brakes to prevent rear-wheel lockup. Plus a dual diagonal hydraulic brake system. And a worn front brake pad warning light.

WHEELS AND TIRES

Standard 5.0" x 13" wheels on Fuego have P185/70R13 black sidewall, Michelin steel-belted radial tires. Full styled wheel covers are also included. Required on Fuego Turbo and available on Fuego are 5.50" x 14.4" cast aluminum styled wheels. They come equipped with 165/70HR365 Michelin low profile TRX steel-belted radial tires for outstanding traction and cornering. A 155R x 13 emergency spare tire is included in both models.

ANTI-CORROSION FEATURES

Renault uses modern technology in rustproofing to protect Fuego against corrosion. From galvanized steel to special bonding techniques.

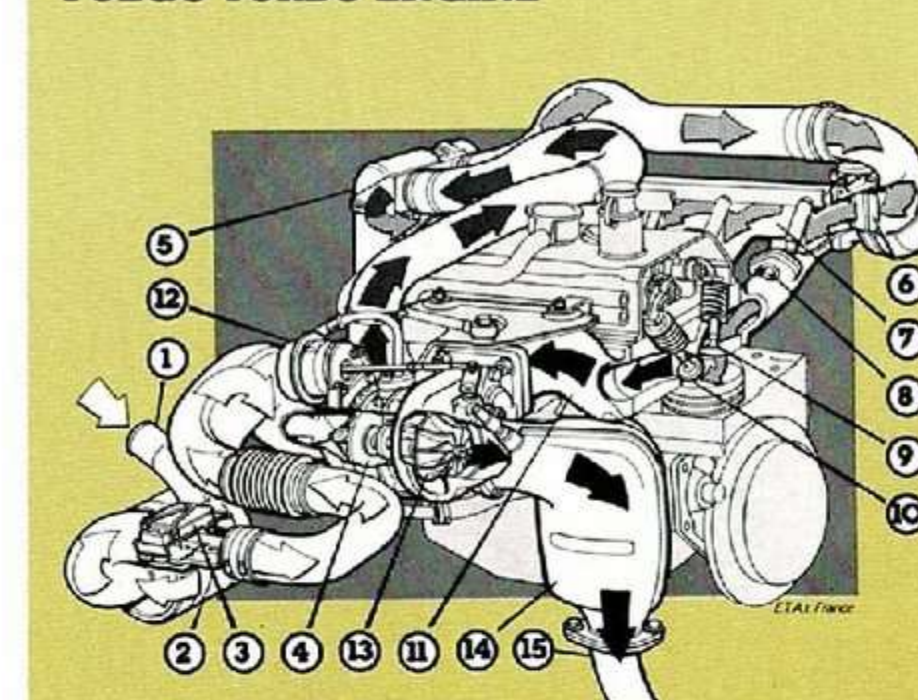
Many exterior body panels are made of zinc-coated steel. A zinc-rich primer and a sealer are applied to all major panels where they are to be welded. Exterior panels then get a phosphate coating.

Sealers are applied to critical body seams. And a primer is used on all body surfaces prior to painting with a chip-resistant acrylic enamel.

Undercoating is applied to the engine compartment and parts of the underbody. A special vinyl coating on the lower body protects it against stone chips and abrasions. And plastic

inner liners are installed in the front fenders to protect them against road spray. The result is a very well protected body with a limited 3-year no rust-through warranty.

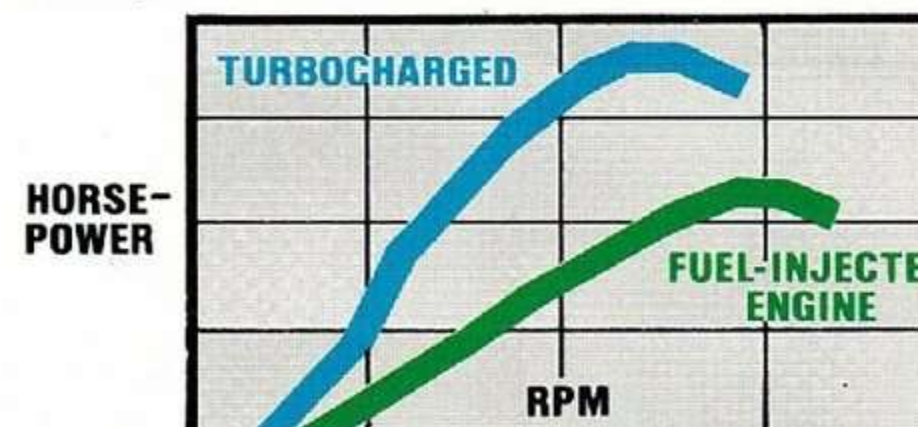
FUEGO TURBO ENGINE



ASPIRATED AIR	HOT COMPRESSED AIR INTAKE	COOLED COMPRESSED AIR	EXHAUST GAS
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1. AIR INLET
2. AIR FILTER
3. AIR FLOW SENSOR
4. COMPRESSOR
5. COMPRESSED AIR INTERCOOLER
6. THROTTLE BODY
7. INLET MANIFOLD
8. INJECTOR
9. INLET VALVE
10. EXHAUST VALVE
11. EXHAUST MANIFOLD
12. WASTE-GATE
13. TURBINE
14. CATALYTIC CONVERTER
15. EXHAUST

Most turbos have a low engine compression ratio to avoid dangerously high cylinder pressures. The result is substandard power at low rpm's when the car is cruising. Because of its intercooler, Fuego has a high compression ratio with good thermal efficiency at low rpm's. The intercooler is a small radiator that cools and contracts the compressed air on its way to the engine. The higher density of the air allows a bigger charge into the cylinders for more power.



With its intercooler, the Fuego Turbo's turbocharger can boost air pressure to 11.6 p.s.i. That's 50% more boost than in most turbocharged passenger cars. Fuego is the only production car available in America to offer an intercooler, similar to the ones used on race cars. The net result in Fuego's turbocharged engine is a 31% improvement in horsepower and a 39% improvement in torque over the fuel injected engine.

SERVICE EVERYWHERE...AT OVER 1300 DEALERS. LARGEST DEALER NETWORK IN AMERICA OF ANY EUROPEAN IMPORT.

BUILT BY RENAULT...A WORLD PIONEER AND SALES LEADER IN FRONT-WHEEL DRIVE CARS.



 **RENAULT**
American Motors 

FORM NO. 6461-1/82 LITHO IN U.S.A.