

1983 THUNDERBIRD
TURBO COUPE





THUNDERBIRD TURBO COUPE: A WORLD CLASS TOURING CAR FROM FORD

Turbo Coupe is a fuel injected, turbocharged, five-speed Thunderbird with sophisticated running gear, performance compound tires and seats that are more than a place to sit. A driver's car, with an engine so efficient it's rated at 145 horsepower on one hand and 33 estimated highway, ²²EPA estimated miles per gallon on the other.* Superb handling with no surprises. And a feel that blends man with machine in a thoroughly harmonious way.

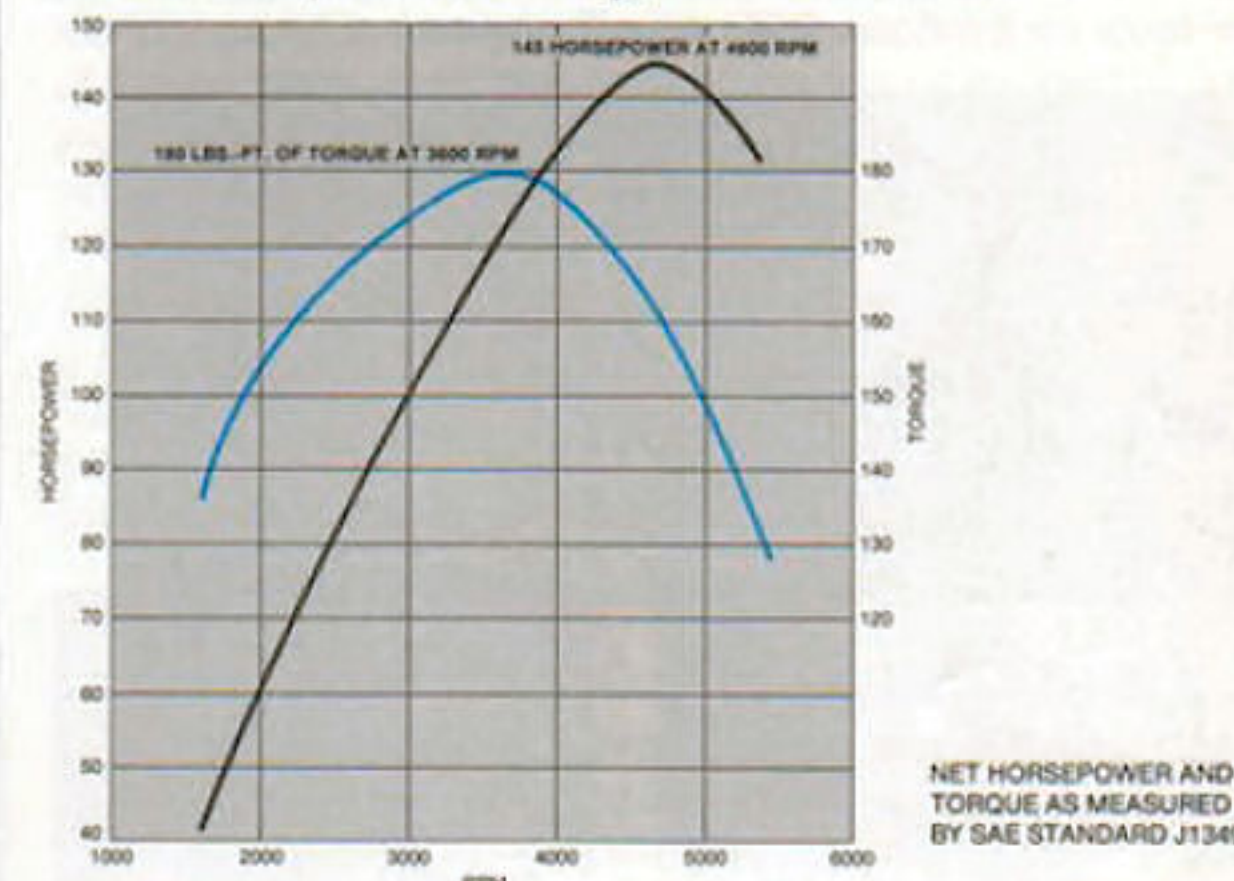
*For comparison. Your mileage may differ depending on speed, distance and weather. Actual highway mileage lower.

THE ENGINE

An efficient, high-performance cross-flow head, overhead cam four-cylinder displacing 2.3 liters with a compression ratio of 8.0 to 1. The engine employs five main bearings, forged aluminum pistons, high-temperature alloy valve materials, oil cooler and tuned intake manifold.

THE TURBOCHARGER

A "blow through" turbocharger is positioned upstream from the injectors and throttle plate. Unlike other turbocharging arrangements, this "blow through" system pressurizes on demand. Which in turn gives the driver crisp, immediate throttle response. At full boost (10 pounds), around 4,600 engine RPM, the engine achieves 145 horsepower based on SAE standard J 1349. More power than most of today's V-8s. A triumph of technology over brute force.



THE ELECTRONIC FUEL INJECTION SYSTEM WITH EEC-IV

The fuel injection system, fed by an electric fuel pump, is port type — with an injector ahead of each intake valve for precise metering. The system is run by a computer called EEC-IV, a fourth-generation, state-of-the-art, microprocessor-based engine control system capable of thousands of operations per second. At one extreme, it will immediately set up air/fuel mixture and timing for a quick cold start. At the other extreme, it will help the engine push to its safe limits. In between, it senses by the millisecond what you are asking the car to do, and balances the engine's air/fuel mixture and ignition timing for optimum power, response and efficiency.





THE FIVE-SPEED TRANSMISSION

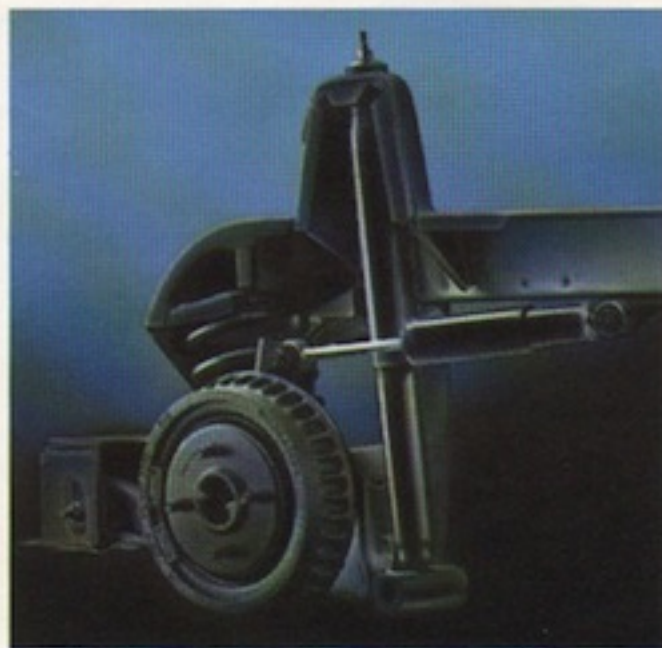
The free-revving powerplant is mated to a 5-speed gear-box. The ratios are carefully calibrated so there is a proper gear for any turn, any straightaway.

Accomplished drivers will appreciate the pedal design. The brake and accelerator pedals are positioned to facilitate true heel-and-toe downshifting.

GAS-FILLED STRUTS AND SHOCKS FOR RIDE AND HANDLING. PLUS TWO ADDITIONAL REAR SHOCKS FOR PURE HANDLING.

The front struts and rear shocks on Turbo Coupe contain a low-pressure charge of nitrogen. This suppresses foaming of the hydraulic fluid due to rapid bumps or exuberant driving. In turn, this means the ride doesn't have to be overly stiff in normal driving to be stiff enough when you, or the road, demand.

Turbo Coupe has a second set of rear shocks mounted in a rather unique and interesting position — longitudinally between the rear axle and the body. These help maintain the car's geometric integrity for a positive, "car-on-rails" feel through a turn.



PERFORMANCE TIRES

Turbo Coupe mounts Goodyear Eagle P205/70HR 14 performance tires on lightweight cast aluminum wheels. The tires feature an aggressive tread pattern, performance compound rubber, and low profile design for a wide footprint. Result: excellent traction and cornering power on wet or dry pavement.

AERODYNAMICS/AIR FLOW MANAGEMENT

Turbo Coupe has one of the lowest drag coefficients of any four-passenger high-performance car in America. But more than that, Thunderbird uses the wind to help hold itself firmly on the road. It reduces lift on the hood for directional stability. Reduces lift on the rear for cornering agility. The smooth lines even lower wind noise inside the cabin. This is the difference between mere aerodynamics and what we call "air flow management."

DRIVER ENVIRONMENT

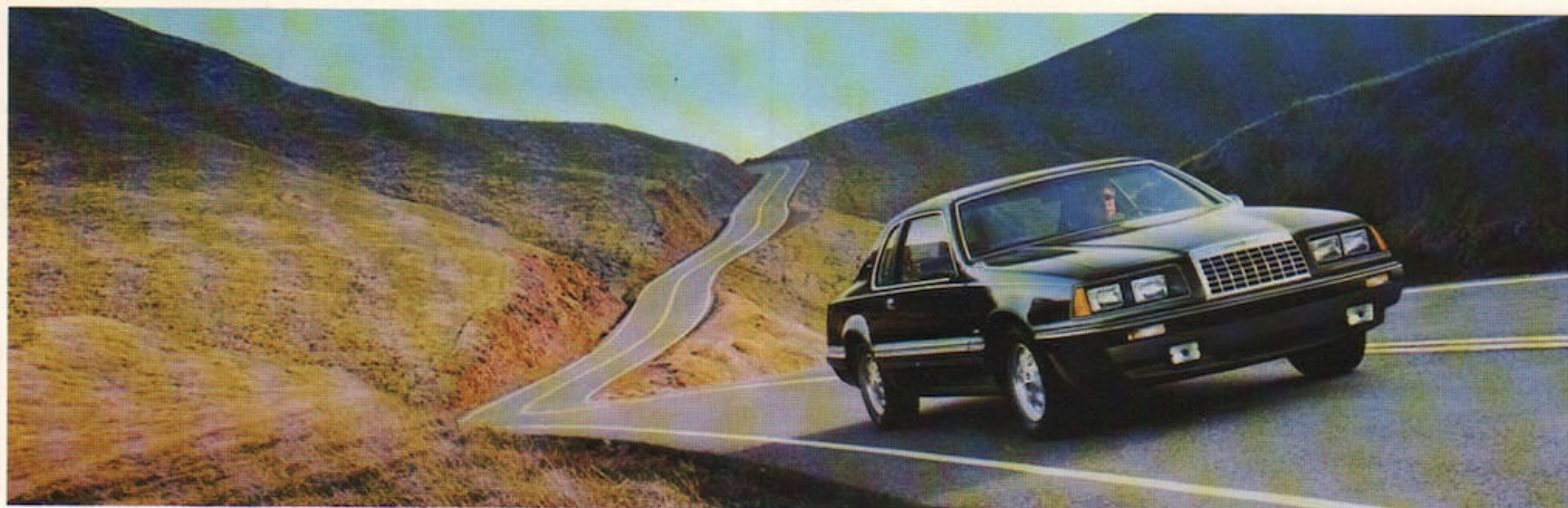
The driver environment of Turbo Coupe locates the steering wheel, light controls and shift lever right where your hands want them to be. Radio and climate controls are a comfortable reach away. Controls for standard and optional electrical equipment are in a pod next to your right thigh. The car feels as if it flows from your fingertips.



SEATS YOU SIT IN. NOT ON.

Turbo Coupe's front seats reward the demanding driver. (1) The under-thigh support adjusts. (2) The side-thigh support adjusts. (3) The seat back angle adjusts. (4) The lumbar support adjusts with (5), an infinitely adjustable pneumatic actuating pump. In addition, the (6) firm side supports help hold you in place. And unlike some other high-performance seats, you don't have to be an accomplished acrobat to get in and out. Considering that a Turbo Coupe is capable of .81G in a turn, seats that support you laterally as well as up and down are essential (shown with optional ultrasoft leather trim).





TURBO COUPE EQUIPMENT

Notable Standard
Features

ENGINEERING

- 2.3 liter OHC Turbocharged Engine with Electronic Fuel Injection (EFI)
- 5-speed manual overdrive transmission
- Power front disc/rear drum brakes
- Power rack and pinion steering with 15:1 non-variable ratio and increased power steering effort
- Modified MacPherson strut front suspension with gas-filled struts
- Special Handling Package (with four rear shock absorbers)
- Tachometer with boost and overboost lights
- Traction-Lok axle
- P205/70HR14 Goodyear HR BSW performance tires
- DuraSpark electronic ignition
- Electronic voltage regulator
- Maintenance-free battery
- Fluidic windshield washer system

EXTERIOR

- Concealed drip moldings
- Depressed park windshield wipers
- Quad rectangular halogen headlamps
- Dual electric remote-control mirrors
- Special charcoal and/or black accents

- Bumper rub strip extensions
- Wide bodyside moldings
- Bodyside and decklid stripes
- Unique front fascia with air dam and Marchal fog lamps
- Unique 14" aluminum wheels

INTERIOR

- Articulated seats
- Fishnet map pockets on door panels
- Tunnel-mounted shift with leather-wrapped knob
- 16-oz. luxury floor carpeting
- Leather-wrapped sports steering wheel
- Electronic digital clock
- AM/FM Stereo radio
- Diagnostic warning lights
- Light group
- Luxury luggage compartment trim

THESE NOTABLE ITEMS OF OPTIONAL EQUIPMENT CAN BE ORDERED

- Electronic AM/FM Stereo search radio with cassette tape player and Dolby™ noise reduction system
- Premium sound system
- Clearcoat metallic paint
- Pivoting front vent windows
- Ultrasoft leather trim
- Cast aluminum wheels and Michelin TRX tires
- Traveler's assistance kit
- Flip-Up/ Open-Air roof
- SelectAire conditioner with manual or automatic temperature control
- Tinted glass, complete
- Antitheft system
- 6-Way power driver's seat

(NOTE: For a complete list of standard and optional equipment, see the 1983 Thunderbird catalog.)

COLORS AND TRIMS

Interior Trim	Exterior Paint	Black	Pastel Charcoal	Bright Red	Light Desert Tan	Silver*	Dark Charcoal*	Medium Red*
Charcoal	1	1	2	3	1	1	2	
Medium Red	1	1	2		1	1	2	
Desert Tan	1		2	3		1	2	

PAINT STRIPE COLORS:

1. Medium Grey, 2. Maroon, 3. Dark Tan
*Optional Clearcoat Metallic Paint Colors.

Charcoal Lower Accent Treatment

A special Turbo Coupe paint scheme features Dark Charcoal accents below the bodyside moldings and bumper rubstrips. It's available with all Turbo Coupe exterior paint colors except Black, Light Desert Tan and Dark Charcoal Clearcoat Metallic.

Some of these paint and trim colors are shown in this catalog. On the printed page, of course, colors are at best only representative of the originals. Your Ford Dealer can show you actual samples of the paint colors and trim materials presented above.

TECHNICAL SPECIFICATIONS

Wheelbase	104.0"
Length	197.6"
Height	53.2"
Width	71.1"
Front Tread	58.1"
Rear Tread	58.5"
Trunk Space	14.6 cu. ft.
Fuel Capacity	18.0 gal. (68.13 liters)
Curb Weight	2,990 lbs. (approx.)
Passengers	4

FORD-PAID REPAIR PROGRAMS AFTER THE WARRANTY PERIOD

Sometimes Ford offers adjustment programs to pay all or part of the cost of certain repairs. These programs are intended to assist owners and are in addition to the warranty or to required recalls. Ask Ford or your dealer about such programs relating to your Ford or Lincoln-Mercury vehicle.

To get copies of any adjustment program for your vehicle or the vehicle of interest to you:

Call Ford toll-free at 1-800-241-3673.
Alaska/Hawaii call 1-800-241-3711 and
in Georgia call 1-800-282-0959.

Or write Ford at:

Ford Customer
Information System
Post Office Box 95427
Atlanta, Georgia 30347.

We'll need your name and address; year, make, and model vehicle, as well as engine size; and whether you have a manual or automatic transmission.

TECHNICAL SERVICE BULLETINS

All vehicles need repairs during their lifetime. Sometimes Ford issues Technical Service Bulletins (TSBs) and easy-to-read explanations describing unusual engine or transmission conditions which may lead to costly repairs, the recommended repairs, and new repair procedures. Often a repair now can prevent a more serious repair later. Ask Ford or your dealer for any such TSBs and explanations relating to your Ford or Lincoln-Mercury vehicle.

To get copies of these Technical Service Bulletins and explanations for your vehicle or the vehicle of interest to you: Call Ford toll-free at 1-800-241-3673. Alaska/Hawaii call 1-800-241-3711 and in Georgia call 1-800-282-0959.

Or write Ford at:

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We'll need your name and address; year, make and model vehicle, as well as engine size; and whether you have a manual or automatic transmission.

Get it together — Buckle up.

003-Ann. 3/83 Litho in U.S.A.

THUNDERBIRD

FORD DIVISION

