

# Engines and Transmissions

1957 Ford engines have powered Fords to more performance records than any car in history



On the Bonneville Salt Flats a '57 Ford set 458 national and international performance records—from one kilometer to 50,000 miles.

The "heart" of any automobile is its engine. And this new '57 Ford has *more* "heart" than any car ever offered in its price class!

This fact was proved beyond all doubt by the incredible performance of two '57 Fords on the Salt Flats at Bonneville, Utah. Driving night and day, these Fords traveled 50,000 miles *in less than twenty days!* One car averaged 108.16 mph and the other Ford averaged 107.22 mph—*including all pit stops!*  All told, Ford broke 458 national and international records. There's never been anything to compare with this in the long history of automobiles—here or abroad.

It takes a lot of V-8 "muscle" to power a car to this kind of performance. That's why, on this Silver Anniversary of Ford's V-8 leadership, we're proud to offer you the widest range of the best engines of our lives—from the new and more powerful Mileage Maker Six...right up to the biggest Thunderbird 312 Supercharged V-8.

So, see your Ford Dealer soon. He'll invite you to drive '57 Fords just like those used to break virtually every existing endurance and acceleration record at Bonneville. Whether you choose a Six or V-8, you'll soon agree that the going is great . . . in a '57 Ford!

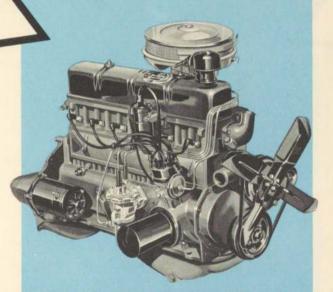
## The most advanced Six in the industry...

Mileage Maker Six

Most powerful Six in the low-price field

hp

- 223-cubic inch displacement
- 8.6 to 1 compression ratio
  Highest in its field



The world's most modern six-cylinder engine is available with any 1957 Ford you choosel It features new highercompression cylinder heads and new high-lift cam (for better breathing). It's America's only deep-block, shortstroke, low-friction Six.

- 212 ft. lbs. torque at 2400 rpm Highest in its field
- Single-Venturi Carburetor
- Engineered to perform best on regular gasoline

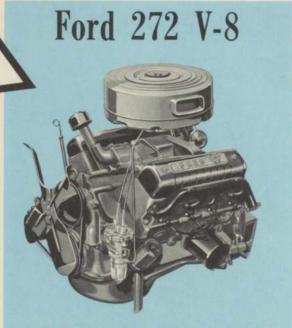
Available in any model with any transmission: 3-speed, Overdrive or Fordomatic

## • Here's V-8 GO . . . at a price that's low!

 272-cubic inch displacement

180 µb

 8.6 to 1 compression ratio



All Ford V-8's for '57 are built to run smoother, quieter and last longer because they're electronically massbalanced—balanced to the highest standard in the industry. This new years-ahead engineering advance is exclusive with Ford in the automative field. It's one of the many unseen advantages found throughout the new "Inner Ford."

• 270 ft. lbs. torque at 2700 rpm

- Two-Venturi Carburetor
- Engineered to perform best on regular gasoline



The world's largest-selling eight!

Available with any transmission in Custom and Custom 300 models

# • More GO for your "dough"... Thunderbird Style!

 292-cubic inch displacement

212 hp

9.1 to 1 compression ratio



Enjoy Thunderbird GO at a modest price as Ford celebrates its Silver Anniversary of V-8 leadershipl Built for the Thunderbird,\* this engine, like all V-8's for '57, is electronically mass-balanced for smoothness, has deeper-breathing capacity and higher compression ratios for more power ... plus greater economy.

\*With standard transmission

• 297 ft. lbs. torque at 2700 rpm

• Two-Venturi Carburetor

• Engineered to perform best on regular gasoline

**V** 

The world's largest-selling eight!

Basic V-8 in Fairlane, Fairlane 500 and Station Wagon models with any transmission

# • When your mood says "scat" this 'Bird will skedaddle!

 312-cubic inch displacement

> largest engines in the low-price field

245hp

• 9.7 to 1 compression ratio



There's new Thunderbird sizzle in this new Thunderbird 312 Special V-8. With a compression ratio of 9.7 to 1 and a four-venturi carburetor, this engine delivers a brand of GO you'll love. It was originally built for the Thunderbird.\* \*With Overdrive or Fordomatic

- 332 ft. lbs. torque at 3200 rpm
- Four-Venturi Carburetor
- Designed to deliver "out-in-front" performance on premium gasoline

The world's largest-selling eight!

Available in any model with any transmission: 3-speed, Overdrive or Fordomatic

# Power to keep you out in front of the pack!

Thunderbird 312

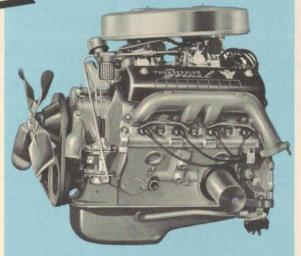
Super V-8

 312-cubic inch displacement

> largest engines in the low-price field

270 hp

• 9.7 to 1 compression ratio



If you appreciate "out-in-front" performance, then this Thunderbird 312 Super V-8 is for you! Built for the Thunderbird\* and featuring twin 4-venturi carburetors, for outstanding acceleration and endurance.

\*Optional with any transmission

- 336 ft. lbs. torque at 3400 rpm
- Twin 4-Venturi Carburetor
- Designed to deliver "out-in-front" performance on premium gasoline



The world's largest-selling eight!

Available in any model with any transmission: 3-speed, Overdrive or Fordomatic

• Horsepower galore for checkered flag performance!



# Ford lets you "team up" with any transmission with any engine you choose!



### **3-SPEED CONVENTIONAL DRIVE**

Conventional drive in the 1957 Fords has three forward speeds and one reverse, with gear ratios tailored to each engine. It features shot-peened, finerpitch helical gears for greater strength and quietness . . . plus a Short-Shift that lets you change gears with an absolute minimum of lever movement.

#### OVERDRIVE

Overdrive is a combination of 3-speed transmission plus an automatic 4th gear that cuts in at about 28 mph, cuts out at about 22 mph. Operating in Overdrive results in 30% lower engine speeds for same road speeds, which, of course, means longer engine life, quieter operation, more miles per gallon.

#### FORDOMATIC

Torque converter combined with automatic gear mechanism. Water-cooled with V-8 engines (air-cooled with Six). Three forward gears, one reverse. Automatic "low-gear" starts and "intermediate-gear" passing with selector in Drive (DR). Illuminated selector dial with steering-post-mounted lever.

### ENGINE

Mileage Maker Six

Ford 272 V-8

Thunderbird 292 V-8

Thunderbird 312 Special V-8

Thunderbird 312 Super V-8

Thunderbird 312 Supercharged Special V-8

# Pick your Power Team... **Six or V-8** the going is great!

	HORSEPOWER	TRANSMISSION	MODELS
	144 Horsepower 8.6 to 1	3-speed, Overdrive or Fordomatic	All Models except Thunderbird
	190 Horsepower 8.6 to 1	3-speed, Overdrive or Fordomatic	Custom and Custom 300
	212 Horsepower 9.1 to 1	3-speed	Thunderbird
		3-speed, Overdrive or Fordomatic	Fairlane, Fairlane 500 and Station Wagons
1	245 Horsepower	Overdrive or Fordomatic	Thunderbird
	245 Horsepower 9.7 to 1	3-speed, Overdrive or Fordomatic	All Other Models
	270 Horsepower 9.7 to 1	3-speed, Overdrive or Fordomatic	All Models including Thunderbird
	300 Horsepower 8.6 to 1	3-speed, Overdrive or Fordomatic	All Models including Thunderbird

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The greatest

engines in 25 years of V-8 leadership are yours in

the '57 Ford



Six or V-3 .... the going is great!