



1998

NORTH AMERICAN  
PRODUCT CENTERS

**Vehicle Lineup**

**PASSENGER CARS**

**VEHICLE LINEUP**  
North American Markets



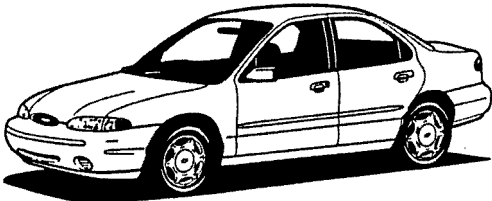
*FORD ESCORT*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
LX SE ZX2	4-Dr. Sedan 4-Dr. Station Wagon 2-Dr. Coupe	Sport	2.0L 2V, I-4, SPI 2.0L 4V, I-4, ZETEC	M5 F4E Type F



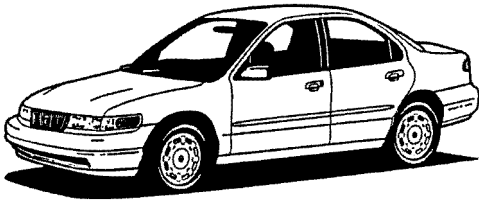
*MERCURY TRACER*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
GS LS	4-Dr. Sedan 4-Dr. Station Wagon	Trio Sport	2.0L 2V, I-4 SPI	M5 F4E Type F



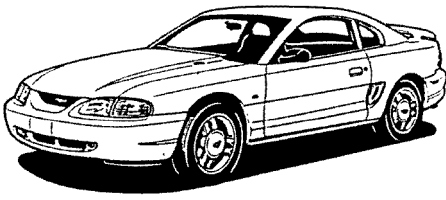
*FORD CONTOUR*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Base GL LX SE SVT	4-Dr. Sedan	Sport	2.0L 4V, I-4, ZETEC 2.5L 4V, V-6, DURATEC 2.5L 4V, V-6 DURATEC SVT	MTX-75 CD4E



*MERCURY MYSTIQUE*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Base GS LS	4-Dr. Sedan	Spree Sport	2.0L 4V, I-4 ZETEC 2.5L 4V, V-6 DURATEC	MTX-75 CD4E

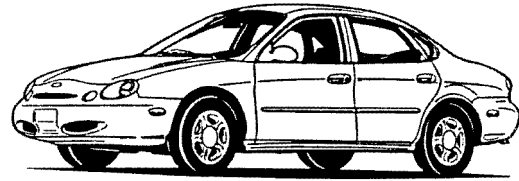


*FORD MUSTANG*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Base GT Cobra	2-Dr. Coupe 2-Dr. Convertible	SVT	3.8L 2V, V-6 EFI 4.6L 2V, V-8 SOHC SEFI 4.6L 4V, V-8 Intech	T45 T50D 4R70W

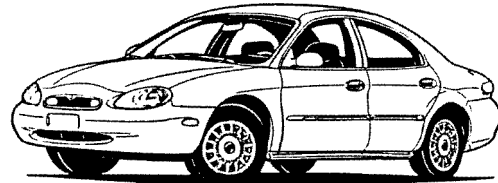
## PASSENGER CARS

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
LX SE SHO	4-Dr. Sedan 4-Dr. Station Wagon	FFV	3.0L 2V, V-6 VULCAN 3.0L 4V, V-6 DURATEC 3.0L 2V, V-6 VULCAN FFV 3.4L 4V, V8 SHO	AX4S AX4N



*FORD TAURUS*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
GS LS	4-Dr. Sedan 4-Dr. Station Wagon		3.0L 4V, V-6 DURATEC 3.0L 2V, V-6 VULCAN	AX4S AX4N



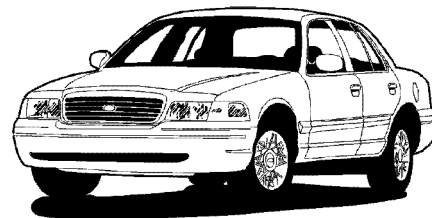
*MERCURY SABLE*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Base V6	2-Dr. Coupe	V6	2.0L 4V, I-4 ZETEC 2.5L 4V, V-6 DURATEC	MTX-75 CD4E



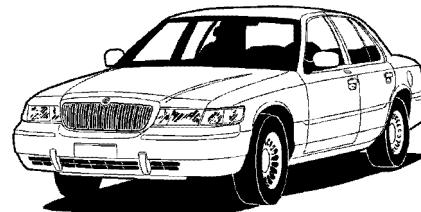
*MERCURY COUGAR*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Police Interceptor Fleet Standard LX	4-Dr. Sedan	Road & Leaf	4.6L 2V, V8 SOHC SEFI 4.6L 2V, V8 CNG	4R70W



*FORD CROWN VICTORIA*

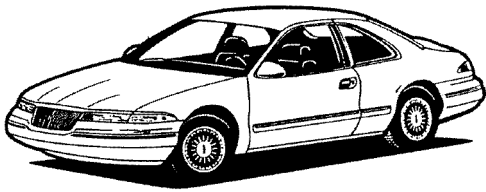
Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
GS LS	4-Dr. Sedan	Limited Edition	4.6L 2V, V8 SOHC SEFI	4R70W



*MERCURY GRAND MARQUIS*

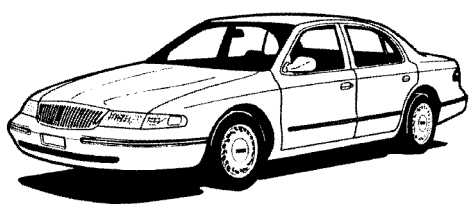
**PASSENGER CARS**

**VEHICLE LINEUP**  
North American Markets



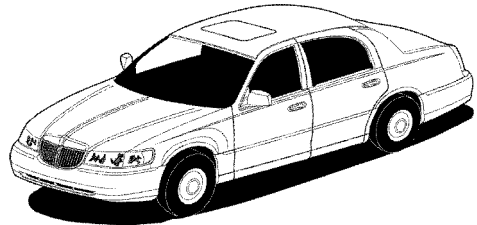
*LINCOLN MARK VIII*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Base LSC	2-Dr. Sedan		4.6L 4V, V8 Intech	4R70W



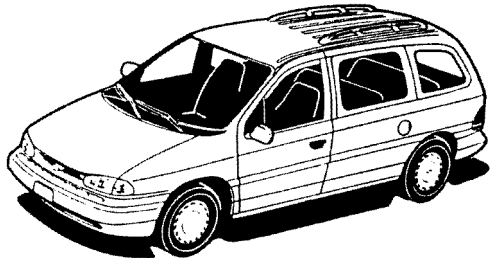
*LINCOLN CONTINENTAL*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Base	4-Dr. Sedan		4.6L 4V, V8 Intech	AX4N



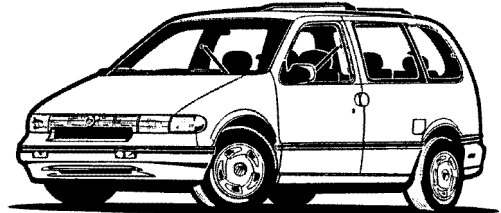
*LINCOLN TOWN CAR*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Executive Signature Cartier	4-Dr. Sedan		4.6L 2V, V8 SOHC SEFI	4R70W



*FORD WINDSTAR*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Base	Wagon Cargo Van	GL, LX Traction Control Limited Northwoods (LX)	3.0L 2V, V-6 VULCAN 3.8L 2V, V-6 SPI	AX4S

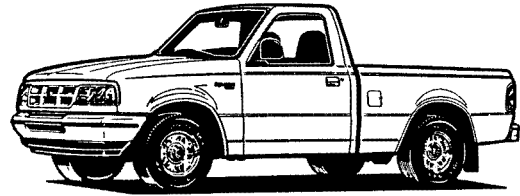


*MERCURY VILLAGER*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
GS		LS Nautica	3.0L 2V, V-6 EFI	4F20E

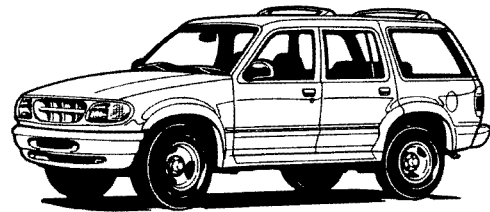
## LIGHT TRUCKS

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
XL	Regular/SuperCab 4x2/4x4	XLT, Splash, 4x4 4x4 Off Road EV (Road & Leaf)	2.5L 2V, I-4 EFI 3.0L 2V, V-6 VULCAN 4.0L 2V, V-6	M5OD-R1 4R44E 5R55E



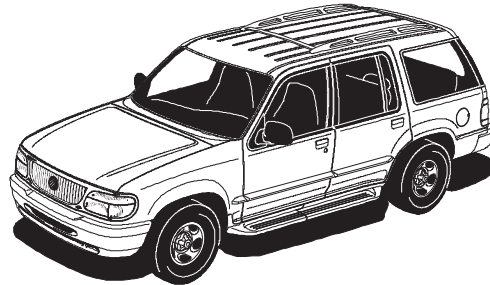
*FORD RANGER*

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
XL XLT	2-Dr./4 Dr. 4x2/4x4/AWD	Sport, Eddie Bauer, Limited, V8, Control Trac 4WD	4.0L 2V, V-6 SOHC 4.0L 2V, V-6 (Push Rod) 5.0L 2V, V-8 Thunderbolt	M5OD-R1 5R55E 4R70W



*FORD EXPLORER*

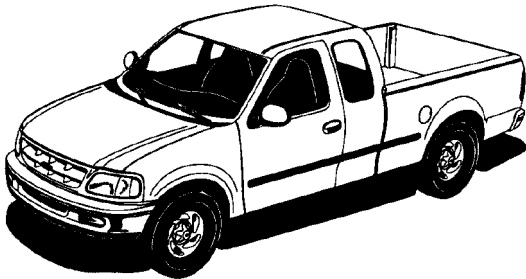
Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles.85
Base	4-Dr. 4x2, 4x4, AWD		4.0L 2V, V-6 SOHC 5.0L 2V, V8 Thunderbolt	4R70W 5R55E



*MERCURY MOUNTAINEER*

## LIGHT TRUCKS

VEHICLE LINEUP  
North American Markets

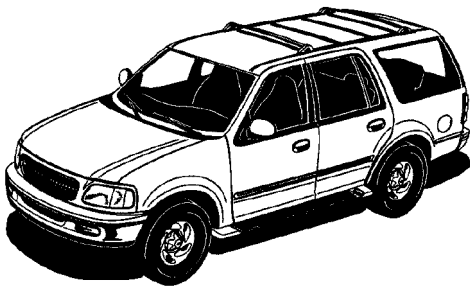


**FORD F-SERIES**

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
<b>Ford F-Series (F150 &amp; F250 Under 8500 GVW)</b>				
F-150 F-250 LD	Regular/SuperCab Flareside/Styleside 4x2/4x4	XL, XLT, STX, 4x4 Off Road Triton V8 CNG Natural Gas Eddie Bauer	4.2L 2V, V6 SPI 4.6L 2V, V8 Triton 5.4L 2V, V8 Triton 5.4L 2V, V8 Triton NGV 7.3L 2V, V8 Power Stroke	M5OD-R2 E4OD/4R100 <sup>1</sup> 4R70W M5HD-C M5HD-W
<b>Ford F-Series (F250 &amp; F350 Over 8500 GVW &amp; F-Super Duty<sup>2</sup>)</b>				
F-250 HD F-350 Super Duty	SuperCab 4x2/4x4 Stripped Chassis 4x2 Chassis Cab 4x2/4x4 Crew Cab		5.8L 7.5L 7.3L 2V, V8 Power Stroke	E4OD M5HD

<sup>1</sup> 1998 vehicles built prior to January are equipped with an E4OD and 1998 vehicles built after are equipped with a 4R100.

<sup>2</sup> 1997 F-Series over 8500 GVW is carry-over until March, 1998. A new 1999 model Super Duty F-Series 250HD/350/450/550 with 6.8L & 7.3L diesel engines, was introduced in March, 1998.



**FORD EXPEDITION**

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
XLT	4-Dr. (4x2/4x4)	Sport, Eddie Bauer, Limited, V8, Control Trac 4WD	4.6L 2V, V8 Triton 5.4L 2V, V8 Triton	M5OD-R2 E4OD/4R100 <sup>1</sup> 4R70W

<sup>1</sup> 1998 vehicles built prior to January are equipped with an E4OD and 1998 vehicles built after are equipped with a 4R100.

**NEW FOR '98**



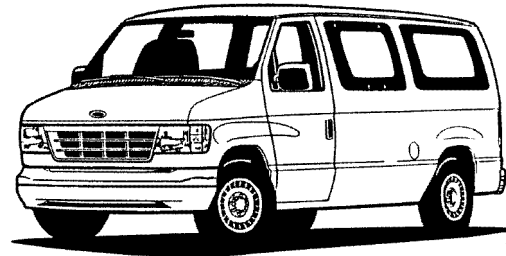
**LINCOLN NAVIGATOR**

Model / Series	Bodystyle	Add'l Exterior Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
Base	4-Dr. 4x2/4x4		5.4L 2V, V8 Triton	E4OD/4R100 <sup>1</sup>

<sup>1</sup> 1998 vehicles built prior to January are equipped with an E4OD and 1998 vehicles built after are equipped with a 4R100.

## LIGHT TRUCKS

Model / Series	Bodystyle	Add'l Exterior-Nameplates	Powertrains	
			Engines	Transmissions / Transaxles
<b>FORD ECONOLINE CLUB WAGON</b>				
XL XLT Chateau	Regular Club Wagon HD Club Wagon		4.2L 2V, V-6 SPI 4.6L 2V, V8 Triton 5.4L 2V, V8 Triton 6.8L 2V, V10 Triton 7.3L 2V, V8 Power Stroke Diesel	E4OD/4R100 <sup>1</sup> 4R70W
<b>FORD ECONOLINE SUPER VAN</b>				
Standard XL RV	Van Super Van RV Cutaway Commercial Cutaway, Basic, Chassis		4.2L 2V, V-6 SPI 4.6L 2V, V8 Triton 5.4L 2V, V8 Triton 5.4L 2V, V8 Triton NGV 6.8L 2V, V10 Triton 7.3L 2V, V8 Power Stroke Diesel	E4OD/4R100 4R70W



**FORD ECONOLINE**

<sup>1</sup> 1998 vehicles built prior to January are equipped with an E4OD and 1998 vehicles built after are equipped with a 4R100.



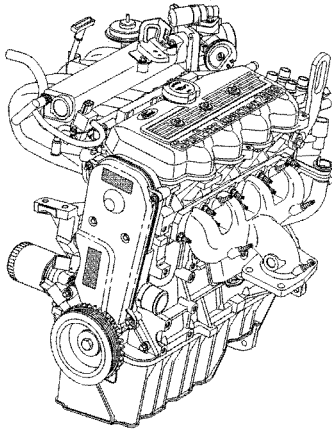
1998

GENERAL SPECIFICATIONS  
FOR  
PASSENGER CARS / LIGHT TRUCKS

ENGINE LINEUP  
North American Markets

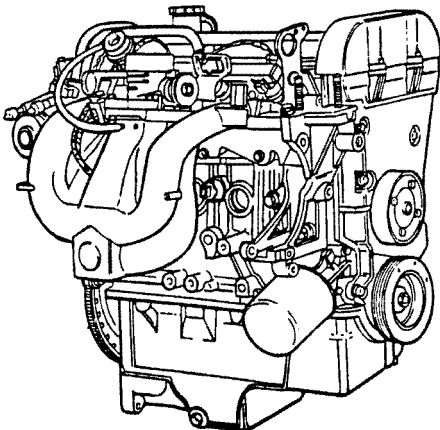
## Engine Lineup

## 2.0L 2V, I-4 S.P.I. Engine



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Dearborn, Michigan
<b>Engine Type</b>	4-Cylinder; In-Line, Single Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	110 @ 5000
<b>Torque (ft. lb. @ rpm)</b>	125 @ 3750
<b>Displacement</b>	2.0 liters (121 cu. in.)
<b>Bore and Stroke (inches)</b>	3.3 x 3.5
<b>Compression Ratio</b>	9.2:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Hydraulic with Roller Tappets
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalytic Converter
<b>Availability</b>	Escort/Tracer Sedan/Wagon

## 2.0L 4V, I-4 "ZETEC" Engine



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Chihuahua, Mexico
<b>Engine Type</b>	4-Cylinder; In-Line, Dual Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
Contour/Mystique	127 @ 5500
Escort ZX2	130 @ 5750
<b>Torque (ft. lb. @ rpm)</b>	
Contour/Mystique	130 @ 4000
Escort ZX2	127 @ 4250
<b>Displacement</b>	2.0 liters (121 cu. in.)
<b>Bore and Stroke (inches)</b>	3.3 x 3.5
<b>Compression Ratio</b>	9.6:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Mechanical
<b>Valves per Cylinder</b>	4
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Dual Catalyst System
<b>Availability</b>	Contour, Mystique, Escort ZX2

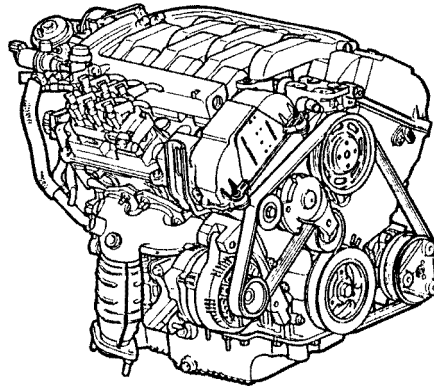
ENGINE LINEUP  
North American Markets

## PASSENGER CARS

---

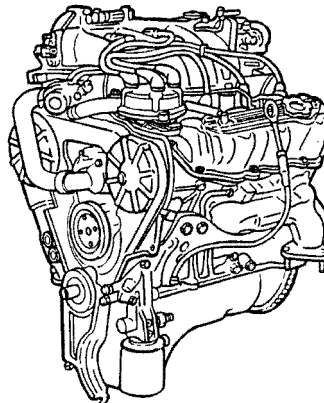
### 2.5L 4V, V-6 “DURATEC” (SVT) Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Brookpark, Ohio (Cleveland Plant #2)
<b>Engine Type</b>	6-Cylinder; 60°V, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	Contour/Mystique 170@6250 (Contour SVT 195@6625)
<b>Torque (ft. lb. @ rpm)</b>	Contour/Mystique 165@4250 (Contour SVT 165@5625)
<b>Displacement</b>	2.5 liters (155 cu. in.)
<b>Bore and Stroke (inches)</b>	3.25 x 3.1
<b>Compression Ratio</b>	Contour/Mystique 9.7:1 (Contour SVT 10:1)
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	4
<b>Valve Lifters</b>	Hydraulic Lash Adjuster with Roller Follower
<b>Valves per Cylinder</b>	4
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded (SVT – Premium Unleaded)
<b>Exhaust</b>	Quasi-Dual Catalyst System
<b>Availability</b>	Contour, Mystique, Cougar (Contour SVT)

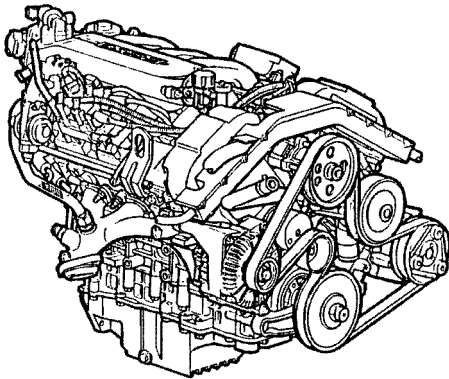


### 3.0L 2V, V-6 Engine

<b>Manufacturer/Assy. Plant</b>	Nissan Japan
<b>Engine Type</b>	6-Cylinder; 60°V, Overhead Valve
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	151 @ 4800
<b>Torque (ft. lb. @ rpm)</b>	174 @ 4400
<b>Displacement</b>	3.0 liters (180 cu. in.)
<b>Bore and Stroke (inches)</b>	3.43 x 3.21
<b>Compression Ratio</b>	9.0:1
<b>Engine Management</b>	Electronic Engine Controls
<b>Main Bearings</b>	4
<b>Valve Lifters</b>	Hydraulic
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	Villager

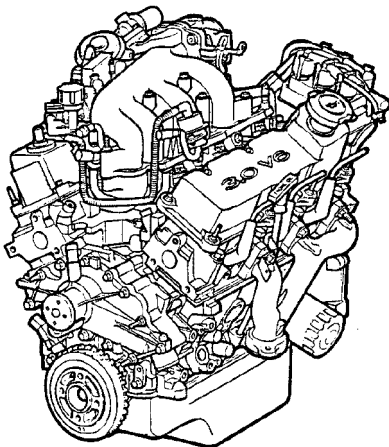


## 3.0L 4V, V-6 “DURATEC” Engine



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Brookpark, Ohio (Cleveland Engine Plant #2)
<b>Engine Type</b>	6-Cylinder; 60°V, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	200 @ 5750
<b>Torque (ft. lb. @ rpm)</b>	200 @ 4500
<b>Displacement</b>	3.0 liters (182 cu. in.)
<b>Bore and Stroke (mm)</b>	89.0 x 79.5
<b>Compression Ratio</b>	10:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	4
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Valve Lifters</b>	Hydraulic Lash Adjuster with Roller Follower
<b>Valves per Cylinder</b>	4
<b>Exhaust</b>	Quasi-Dual Catalyst System
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Availability</b>	Taurus Sable

## 3.0L 2V, V-6 “VULCAN” Engine



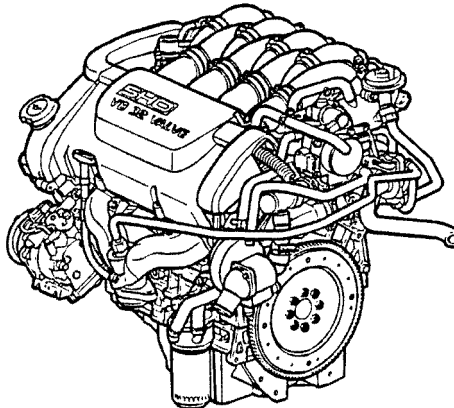
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Lima, Ohio
<b>Engine Type</b>	6-Cylinder; 60°V, Overhead Valve
<b>Block</b>	Cast Iron
<b>Head</b>	Cast Iron
<b>Horsepower (@ rpm)</b>	Taurus/Sable 145 @ 5250 Windstar 150 @ 5000
<b>Torque (ft. lb. @ rpm)</b>	Taurus/Sable 170 @ 3250 Windstar 172 @ 3300
<b>Displacement</b>	3.0 liters (182 cu. in.)
<b>Bore and Stroke (inches)</b>	3.5 x 3.1
<b>Compression Ratio</b>	9.17:1 (Taurus/Sable) 9.44:1 (Taurus FFV) 9.3:1 (Windstar)
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	4
<b>Valve Lifters</b>	Hydraulic
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded (GAS/E85/M85/FFV)
<b>Exhaust</b>	Single, with Dual Catalytic Converters
<b>Availability</b>	Taurus Sable Windstar

ENGINE LINEUP  
North American Markets

## PASSENGER CARS

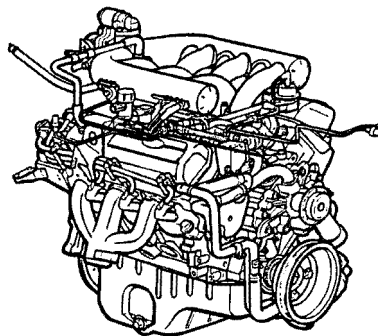
### 3.4L 4V, V-8 "SHO" Engine

<b>Manufacturer/Assy. Plant</b>	Yamaha Fukuoi, Japan
<b>Engine Type</b>	8-Cylinder; 60°V, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	235 @ 6100
<b>Torque (ft. lb. @ rpm)</b>	230 @ 4800
<b>Displacement</b>	3.4 liters (3392cc)
<b>Bore and Stroke (mm)</b>	82.4 x 79.5mm
<b>Compression Ratio</b>	10:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Direct-Acting Bucket-Type Tappets
<b>Valves per Cylinder</b>	4
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Premium Unleaded (91 Octane)
<b>Exhaust</b>	Dual, with Catalyst System, "Y" Intermediate and Dual Mufflers
<b>Ignition System</b>	SFI/EI Coil on Plug
<b>Availability</b>	Taurus SHO

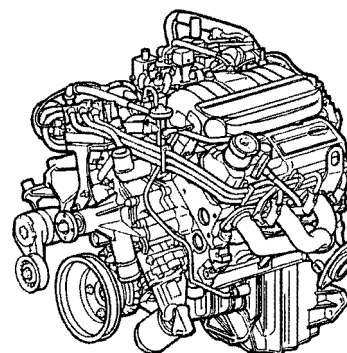


### 3.8L 2V, V-6 Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Windsor, Ontario, Canada (Essex Plant)
<b>Engine Type</b>	6-Cylinder; 90°V, Overhead Valve
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
Mustang	150 @ 4000
Windstar (SPI)	200 @ 5000
<b>Torque (ft. lb. @ rpm)</b>	
Mustang	215 @ 2750
Windstar (SPI)	225 @ 3000
<b>Displacement</b>	3.8 liters (232 cu. in.)
<b>Bore and Stroke (inches)</b>	3.8 x 3.4
<b>Compression Ratio</b>	9.0:1 9.3:1 (Windstar) SPI
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	4
<b>Valve Lifters</b>	Hydraulic Roller Tappets
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalytic Converter
<b>Availability</b>	Mustang, Windstar

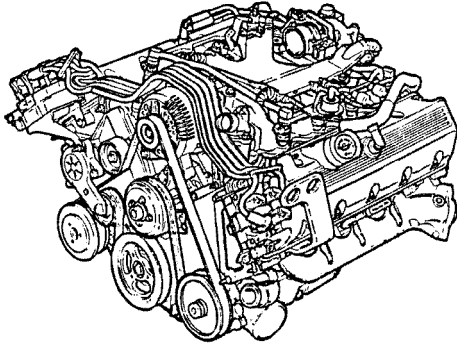


WINDSTAR (SPI)



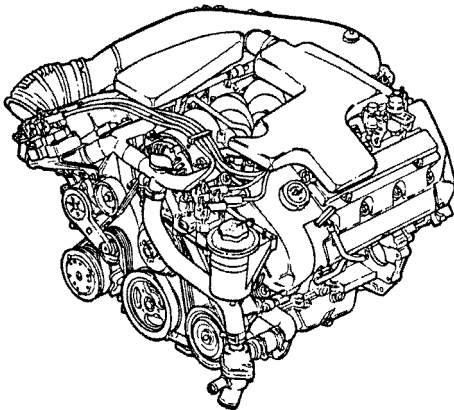
MUSTANG

## 4.6L 2V, V-8 Engine



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company	
<b>Engine Type</b>	8-Cylinder; 90°V, Single Overhead Cam	
<b>Block</b>	Cast Iron	
<b>Head</b>	Aluminum	
<b>Horsepower (@ rpm)</b>		<b>Torque (ft. lb. @ rpm)</b>
<b>Single exhaust 4.6-2V V8</b>		
Crown Victoria/Grand Marquis	200 @ 4250	275 @ 3000
Town Car	205 @ 4250	280 @ 3000
<b>Dual exhaust 4.6-2V V8</b>		
Crown Victoria/Grand Marquis	215 @ 4500	285 @ 3000
Mustang	225 @ 4750	290 @ 3500
Town Car	220 @ 4500	290 @ 3500
<b>Quasi-Dual 4.6-2V V8</b>		
Crown Victoria NGV	175 @ 4500	235 @ 2000
<b>Dual Exhaust 4.6-4V V8</b>		
Mustang Cobra	305 @ 5800	300 @ 4800
Mark VIII LSC	290 @ 5750	290 @ 4500
<b>Quasi-Dual 4.6-4V V8</b>		
Continental	260 @ 5500	270 @ 4500
Mark VIII	280 @ 5750	285 @ 4500
<b>Displacement</b>	4.6 liters (281 cu. in.)	
<b>Bore and Stroke (inches)</b>	3.6 x 3.6	
<b>Compression Ratio</b>	9.0:1	
<b>Engine Management</b>	EEC-V Powertrain Control Module	
<b>Main Bearings</b>	5	
<b>Valve Lifters</b>	Hydraulic Lash Adjuster with Roller Follower	
<b>Valves per Cylinder</b>	2	
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection	
<b>Fuel Recommendation</b>	Regular Unleaded	
<b>Exhaust</b>	Single or Dual, with Catalyst System	
<b>Availability</b>	Lincoln Town Car Crown Victoria/Grand Marquis Mustang GT	

## 4.6L 4V, V-8 "Intech" Engine



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company	
<b>Engine Type</b>	Romeo, Michigan	
<b>Block</b>	8-Cylinder; 90°V, Dual Overhead Cam	
<b>Head</b>	Aluminum	
<b>Horsepower (@ rpm)</b>		
Continental	260 @ 5500	
Mark VIII (LSC)	280 @ 5750 (290 @ 5750)	
Mustang	305 @ 5800	
<b>Torque (ft. lb. @ rpm)</b>		
Continental	270 @ 4500	
Mark VIII (LSC)	285 @ 4500 (290 @ 4500)	
Mustang	300 @ 4800	
<b>Displacement</b>	4.6 liters (281 cu. in.)	
<b>Bore and Stroke (inches)</b>	3.6 x 3.6	
<b>Compression Ratio</b>	9.8:1	
<b>Engine Management</b>	EEC-V Powertrain Control Module	
<b>Main Bearings</b>	5	
<b>Valve Lifters</b>	Hydraulic Lash Adjuster with Roller Follower	
<b>Valves per Cylinder</b>	4	
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection	
<b>Fuel Recommendation</b>	Premium Unleaded (91 Octane)	
<b>Exhaust</b>	Dual, with Catalyst System	
<b>Availability</b>	Mark VIII Continental Mustang (Cobra)	

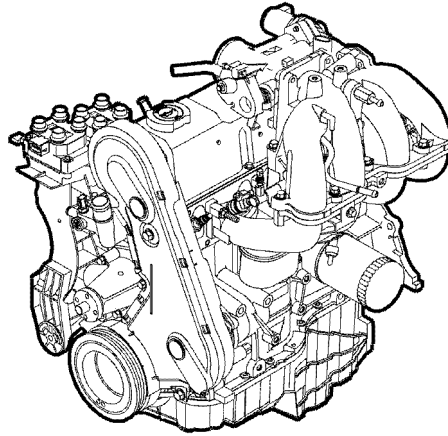
ENGINE LINEUP  
North American Markets

## LIGHT TRUCKS

---

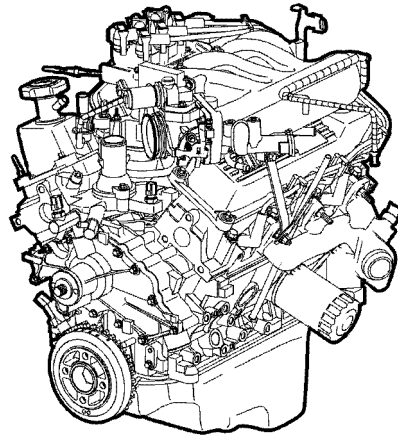
### 2.5L 2V, I-4 Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Lima, Ohio
<b>Engine Type</b>	4-Cylinder; In-Line, Single Overhead Cam, Twin Plug Head
<b>Block</b>	Cast Iron
<b>Head</b>	Cast Iron
<b>Horsepower (@ rpm)</b>	119 @ 5000
<b>Torque (ft. lb. @ rpm)</b>	146 @ 3000
<b>Displacement</b>	2.5 liters (152 cu. in.)
<b>Bore and Stroke (inches)</b>	3.8 x 3.4
<b>Compression Ratio</b>	9.4:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Hydraulic
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	Ranger Regular/SuperCab (4x2)

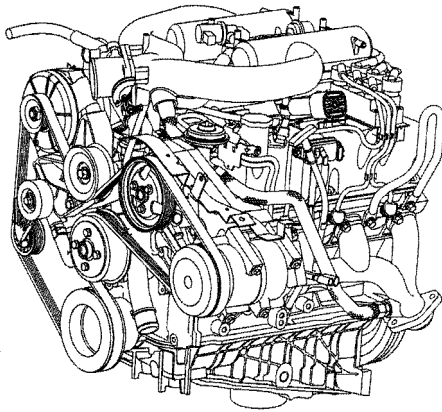


### 3.0L 2V, V-6 "VULCAN" Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Lima, Ohio
<b>Engine Type</b>	6-Cylinder; 60°V, Overhead Valve
<b>Block</b>	Cast Iron
<b>Head</b>	Cast Iron
<b>Horsepower (@ rpm)</b>	150 @ 5000
<b>Torque (ft. lb. @ rpm)</b>	185 @ 3750
<b>Displacement</b>	3.0 liters (182 cu. in.)
<b>Bore and Stroke (inches)</b>	3.5 x 3.1
<b>Compression Ratio</b>	9.14:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	4
<b>Valve Lifters</b>	Hydraulic Roller Tappets
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	Ranger Splash (4x2, 4x4) Ranger Regular/SuperCab (4x2, 4x4)



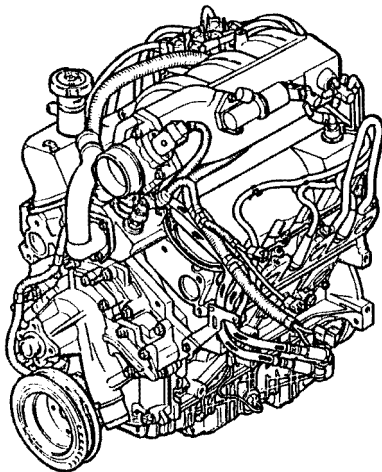
**4.0L 2V, V-6 SOHC Engine**



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Cologne, Germany
<b>Engine Type</b>	6-Cylinder; 60°V, Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
Explorer Automatic Trans.	205 @ 5000
<b>Torque (ft. lb. @ rpm)</b>	
Explorer Automatic Trans.	250 @ 3000
<b>Displacement</b>	4.0 liters (245 cu. in.)
<b>Bore and Stroke (inches)</b>	3.9 x 3.3
<b>Compression Ratio</b>	9.7:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	4
<b>Valve Lifters</b>	Hydraulic Lash Adjustor with Roller Follower
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	Explorer, Mountaineer

Illustration applies to LHD applications only.

**4.0L 2V, V-6 Engine**



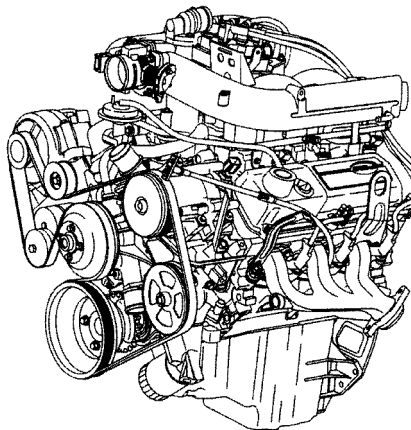
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Cologne, Germany
<b>Engine Type</b>	6-Cylinder; 60°V, Overhead Valve
<b>Block</b>	Cast Iron
<b>Head</b>	Cast Iron
<b>Horsepower (@ rpm)</b>	
Ranger	160 @ 4200
Explorer	160 @ 4200
<b>Torque (ft. lb. @ rpm)</b>	
Ranger	220 @ 3000
Explorer	225 @ 3000
<b>Displacement</b>	4.0 liters (245 cu. in.)
<b>Bore and Stroke (inches)</b>	3.9 x 3.3
<b>Compression Ratio</b>	9.0:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	4
<b>Valve Lifters</b>	Hydraulic Roller Tappets
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	Ranger/Explorer (4x2, 4x4)

**ENGINE LINEUP**  
North American Markets

## LIGHT TRUCKS

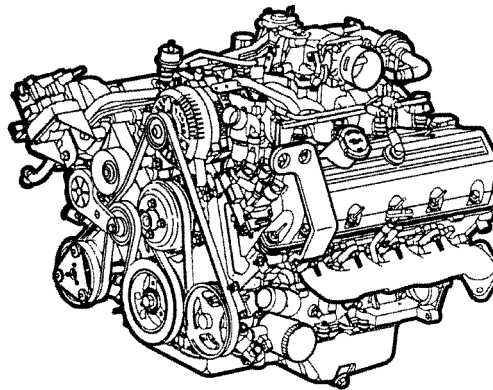
### 4.2L 2V, V-6 Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Windsor, Ontario. Canada (Essex Plant)
<b>Engine Type</b>	6-Cylinder SPI; 90°V, Overhead Valve
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
F-Series (F-150)	210 @ 4750
Econoline (E-150)	200 @ 4800
<b>Torque (ft. lb. @ rpm)</b>	
F-150	255 @ 3000
Econoline 150	250 @ 2800
<b>Displacement</b>	4.2 liters (256 cu. in.)
<b>Bore and Stroke (inches)</b>	3.8 x 3.74
<b>Compression Ratio</b>	9.3:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings:</b>	4
<b>Valve Lifters</b>	Hydraulic Roller Tappets
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	F-150 (under 8500 GVW only) Econoline

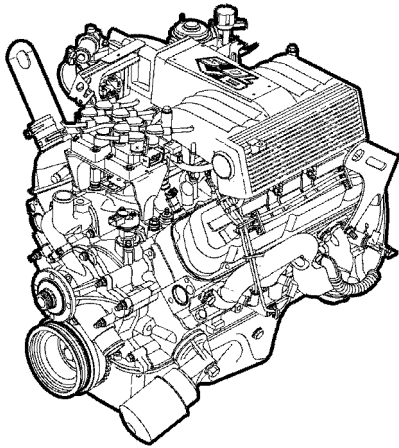


### 4.6L 2V, V-8 "Triton" Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Romeo, Michigan Windsor, Ontario
<b>Engine Type</b>	8-Cylinder; 90°V, Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
F-150/250	220 @ 4500
Econoline	215 @ 4450
Expedition	215 @ 4400
<b>Torque (ft. lb. @ rpm)</b>	
F-150/250	290 @ 3250
Econoline	290 @ 3250
Expedition	290 @ 3250
<b>Displacement</b>	4.6 liters (281 cu. in.)
<b>Bore and Stroke (inches)</b>	3.6 x 3.6
<b>Compression Ratio</b>	9.0:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Hydraulic Lash Adjuster with Roller Follower
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	F-150/250 (under 8500 GVW only) Econoline Expedition

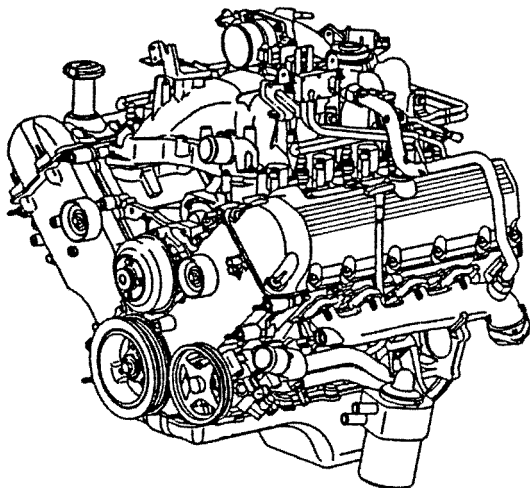


## 5.0L 2V, V-8 "Thunderbolt" Engine



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Brookpark, Ohio (Cleveland Engine Plant #1)
<b>Engine Type</b>	90° V8, Overhead Valve
<b>Block</b>	Cast Iron
<b>Head</b>	Cast Iron
<b>Peak Horsepower (@ rpm)</b>	215 @ 4200
<b>Peak Torque (ft. lb. @ rpm)</b>	288 @ 3300
<b>Displacement</b>	5.0 liters (302 cu. in.)
<b>Bore and Stroke (inches)</b>	4.0 x 3.0
<b>Compression Ratio</b>	9.0:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Hydraulic Roller Tappets
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Dual Catalyst System
<b>Availability</b>	Explorer 4x2 — AWD Mountaineer AWD

## 5.4L 2V, V-8 "Triton" Engine



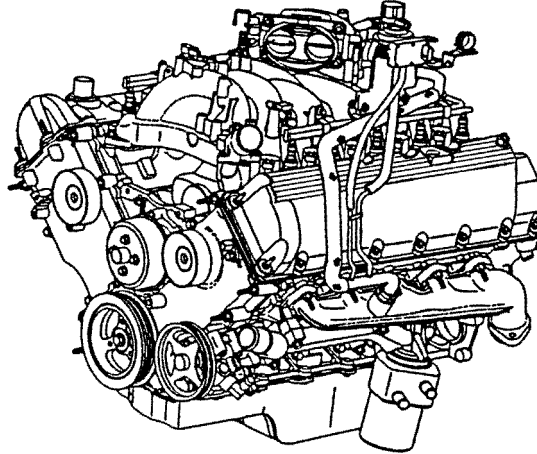
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Windsor, Ontario
<b>Engine Type</b>	8-Cylinder; 90°V, Single Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
5.4L-2V Expedition	230 @ 4250
5.4L-2V F-Series	235 @ 4250
5.4L-2V Econoline	235 @ 4250
5.4L-2V Econoline NGV	200 @ 4500
<b>Torque (ft. lb. @ rpm)</b>	
5.4L-2V Expedition	325 @ 3000
5.4L-2V F-Series	330 @ 3000
5.4L-2V Econoline	335 @ 3000
5.4L-2V Econoline NGV	290 @ 2250
<b>Displacement</b>	5.4 (330 cu. in.)
<b>Bore and Stroke (inches)</b>	90.2 mm x 105.8 mm
<b>Compression Ratio</b>	9.0:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Hydraulic Lash Adjusters with Roller Followers
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	F-Series 150/250 (under 8500 GVW only) Expedition Econoline 150/250/350 E-350 Chassis/RV/Cutaway Navigator

ENGINE LINEUP  
North American Markets

## LIGHT TRUCKS

### 6.8L 2V, V-10 "Triton" Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Windsor, Ontario
<b>Engine Type</b>	10-Cylinder; 90°V, Single Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
6.8L-2V F250/350/450	275 @ 4250
6.8L-2V Econoline	265 @ 4250
<b>Torque (ft. lb. @ rpm)</b>	
6.8L-2V F250/350/450	410 @ 2650
6.8L-2V Econoline	410 @ 2750
<b>Displacement</b>	6.8 (415 cu. in.)
<b>Bore and Stroke (inches)</b>	90.2 mm x 105.8 mm
<b>Compression Ratio</b>	9.0:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	6
<b>Valve Lifters</b>	Hydraulic Lash Adjusters with Roller Followers
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single, with Catalyst System
<b>Availability</b>	Econoline 250/350 E-350 Chassis/RV/Cutaway 1999 Super Duty F-Series 250HD/350/450/550 Motorhome

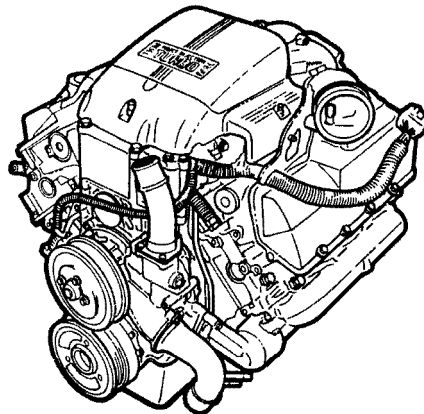


<sup>1</sup> 1998 vehicles built prior to January are equipped with an E4OD and 1998 vehicles built after are equipped with a 4R100.

<sup>2</sup> 1997 F-Series over 8500 GVW is carry-over until March, 1998. A new 1999 model Super Duty F-Series 250HD/350/450/550 with 6.8L & 7.3L diesel engines, was introduced in March, 1998.

### 7.3L 2V, V-8 "Power Stroke" Diesel Engine

<b>Manufacturer/Assy. Plant</b>	Navistar Indianapolis, Indiana
<b>Engine Type</b>	8-Cylinder; 90°V, Overhead Valve, Turbocharged
<b>Block</b>	Cast Iron
<b>Head</b>	Cast Iron
<b>Horsepower (@ rpm)</b>	235 @ 2700
<b>Torque (ft. lb. @ rpm)</b>	500 @ 1600
<b>Displacement</b>	7.3 liters (444 cu. in.)
<b>Bore and Stroke (inches)</b>	4.1 x 4.2
<b>Compression Ratio</b>	17.0:1
<b>Engine Management</b>	EEC-V Powertrain Control Module
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Hydraulic
<b>Valves per Cylinder</b>	2
<b>Fuel Induction</b>	Electronically Activated Direct Injection
<b>Fuel Recommendation</b>	No. 2 Diesel Fuel or Winterized No. 2
<b>Exhaust</b>	Single Exhaust System
<b>Availability</b>	F-Series 250/350/450/550 (over 8500 GVW) Cutaway Econoline 250/350 Econoline Super Duty





1998

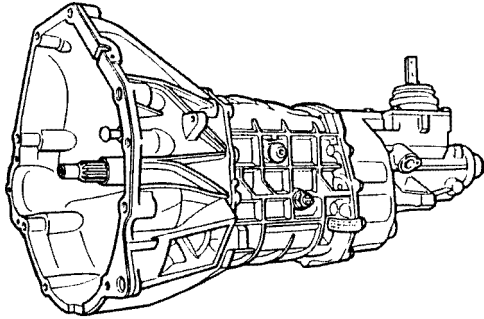
GENERAL SPECIFICATIONS  
FOR  
PASSENGER CARS / LIGHT TRUCKS

**Transmission and  
Transaxle Lineup**

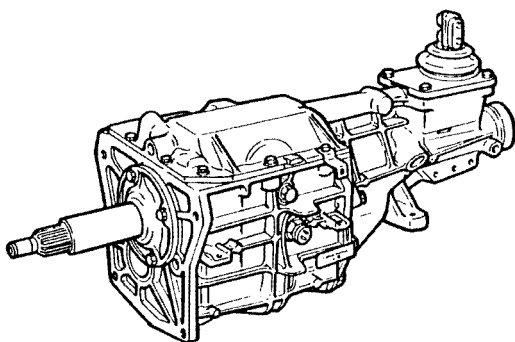
TRANSMISSION AND TRANSAXLE LINEUP  
North American Markets

## PASSENGER CARS AND LIGHT TRUCKS

### T45 Manual Transmission



<b>Manufacturer/Assy. Plant</b>	Borg Warner Muncie, Indiana
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission
<b>Gear Ratios</b>	<b>1st 2nd 3rd 4th 5th Rev.</b>
Mustang GT	3.37 1.99 1.33 1.00 0.67 3.22
Mustang COBRA	3.37 1.99 1.33 1.00 0.67 3.22
<b>Fluid Refill Capacity</b>	2.65 Liters
<b>Fluid Recommendation</b>	MERCON®
<b>Availability</b>	Mustang GT, Cobra



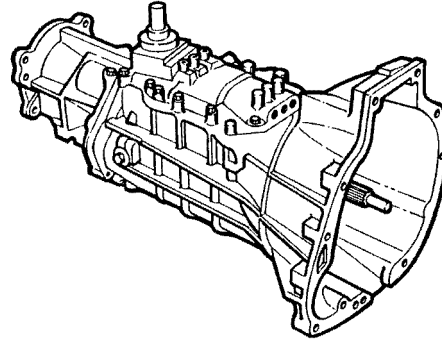
### T50D Manual Transmission

<b>Manufacturer/Assy. Plant</b>	Borg Warner Muncie, Indiana
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission
<b>Gear Ratios</b>	<b>1st 2nd 3rd 4th 5th Rev.</b>
Mustang LX	3.35 1.93 1.29 1.00 0.78 3.15
<b>Fluid Refill Capacity</b>	2.65 Liters
<b>Fluid Recommendation</b>	MERCON®
<b>Availability</b>	Mustang

TRANSMISSION AND TRANSAXLE LINEUP  
North American Markets

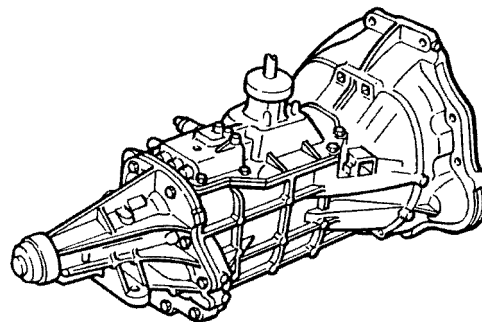
## M5OD-R1 Manual Transmission

<b>Manufacturer/Assy. Plant</b>	Mazda Hofu, Japan																					
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission																					
<b>Gear Ratios</b>	<table><thead><tr><th></th><th>1st</th><th>2nd</th><th>3rd</th><th>4th</th><th>5th</th><th>Rev.</th></tr></thead><tbody><tr><td>2.3L, 3.0L</td><td>3.72</td><td>2.20</td><td>1.50</td><td>1.00</td><td>0.79</td><td>3.40</td></tr><tr><td>4.0L</td><td>3.40</td><td>2.05</td><td>1.31</td><td>1.00</td><td>0.79</td><td>3.40</td></tr></tbody></table>		1st	2nd	3rd	4th	5th	Rev.	2.3L, 3.0L	3.72	2.20	1.50	1.00	0.79	3.40	4.0L	3.40	2.05	1.31	1.00	0.79	3.40
	1st	2nd	3rd	4th	5th	Rev.																
2.3L, 3.0L	3.72	2.20	1.50	1.00	0.79	3.40																
4.0L	3.40	2.05	1.31	1.00	0.79	3.40																
<b>Fluid Refill Capacity</b>	2.65 Liters																					
<b>Fluid Recommendation</b>	MERCON®																					
<b>Availability</b>	Ranger, Explorer																					

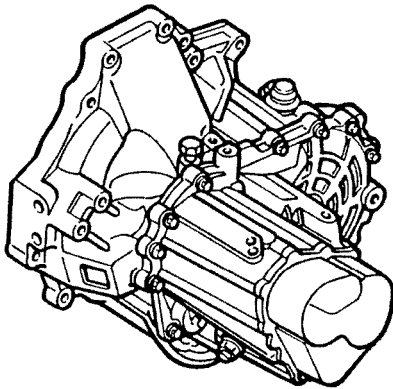


## M5OD-R2 Manual Transmission

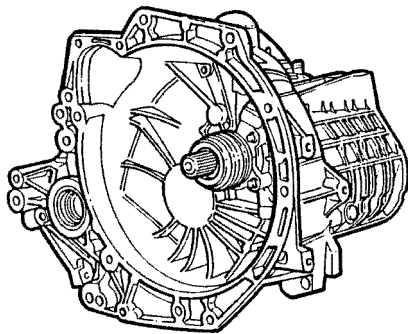
<b>Manufacturer/Assy. Plant</b>	Mazda Hofu, Japan														
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission														
<b>Gear Ratios</b>	<table><thead><tr><th></th><th>1st</th><th>2nd</th><th>3rd</th><th>4th</th><th>5th</th><th>Rev.</th></tr></thead><tbody><tr><td></td><td>3.91</td><td>2.25</td><td>1.49</td><td>1.00</td><td>0.80</td><td>3.40</td></tr></tbody></table>		1st	2nd	3rd	4th	5th	Rev.		3.91	2.25	1.49	1.00	0.80	3.40
	1st	2nd	3rd	4th	5th	Rev.									
	3.91	2.25	1.49	1.00	0.80	3.40									
<b>Fluid Refill Capacity</b>	3.55 Liters														
<b>Fluid Recommendation</b>	MERCON®														
<b>Availability</b>	F-Series 150/250 Expedition														



## M5 Manual Transaxle (Escort)



<b>Manufacturer/Assy. Plant</b>	Mazda Japan																																										
<b>Transmission Type</b>	5-Speed Manual Overdrive Transaxle																																										
<b>Gear Ratios</b>	<table border="0"> <thead> <tr> <th></th> <th>1st</th> <th>2nd</th> <th>3rd</th> <th>4th</th> <th>5th</th> <th>Rev.</th> </tr> </thead> <tbody> <tr> <td>Escort/Tracer 1.8L</td> <td>3.30</td> <td>1.83</td> <td>1.31</td> <td>1.03</td> <td>0.79</td> <td>3.17</td> </tr> <tr> <td>Escort/Tracer 1.9L (FS)</td> <td>3.42</td> <td>1.70</td> <td>1.15</td> <td>0.87</td> <td>0.73</td> <td>3.21</td> </tr> <tr> <td>Escort/Tracer 1.9L</td> <td>3.42</td> <td>1.84</td> <td>1.29</td> <td>0.97</td> <td>0.73</td> <td>3.21</td> </tr> <tr> <td>Escort/Tracer 2.0L S/I</td> <td>3.307</td> <td>1.833</td> <td>1.233</td> <td>.914</td> <td>.717</td> <td>3.166</td> </tr> <tr> <td>Escort ZX2 2.0L Zetec</td> <td>3.307</td> <td>1.833</td> <td>1.31</td> <td>1.03</td> <td>.795</td> <td>3.166</td> </tr> </tbody> </table>		1st	2nd	3rd	4th	5th	Rev.	Escort/Tracer 1.8L	3.30	1.83	1.31	1.03	0.79	3.17	Escort/Tracer 1.9L (FS)	3.42	1.70	1.15	0.87	0.73	3.21	Escort/Tracer 1.9L	3.42	1.84	1.29	0.97	0.73	3.21	Escort/Tracer 2.0L S/I	3.307	1.833	1.233	.914	.717	3.166	Escort ZX2 2.0L Zetec	3.307	1.833	1.31	1.03	.795	3.166
	1st	2nd	3rd	4th	5th	Rev.																																					
Escort/Tracer 1.8L	3.30	1.83	1.31	1.03	0.79	3.17																																					
Escort/Tracer 1.9L (FS)	3.42	1.70	1.15	0.87	0.73	3.21																																					
Escort/Tracer 1.9L	3.42	1.84	1.29	0.97	0.73	3.21																																					
Escort/Tracer 2.0L S/I	3.307	1.833	1.233	.914	.717	3.166																																					
Escort ZX2 2.0L Zetec	3.307	1.833	1.31	1.03	.795	3.166																																					
<b>Fluid Refill Capacity</b>	2.7 Liters (5.7 pints)																																										
<b>Fluid Recommendation</b>	MERCON®																																										
<b>Availability</b>	Escort, Tracer																																										



## MTX-75 Manual Transaxle

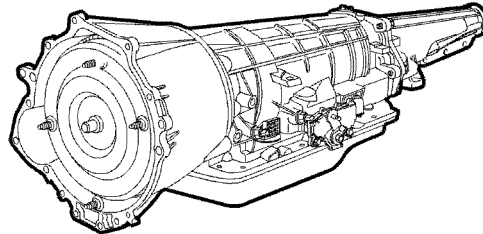
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Cologne, Germany														
<b>Transmission Type</b>	5-Speed Manual Overdrive Transaxle														
<b>Gear Ratios</b>	<table border="0"> <thead> <tr> <th></th> <th>1st</th> <th>2nd</th> <th>3rd</th> <th>4th</th> <th>5th</th> <th>Rev.</th> </tr> </thead> <tbody> <tr> <td></td> <td>3.42</td> <td>2.14</td> <td>1.45</td> <td>1.03</td> <td>0.77</td> <td>3.42</td> </tr> </tbody> </table>		1st	2nd	3rd	4th	5th	Rev.		3.42	2.14	1.45	1.03	0.77	3.42
	1st	2nd	3rd	4th	5th	Rev.									
	3.42	2.14	1.45	1.03	0.77	3.42									
<b>Fluid Refill Capacity</b>	2.6 Liters (5.5 pints)														
<b>Fluid Recommendation</b>	MERCON®														
<b>Availability</b>	Contour, Mystique														

## PASSENGER CARS AND LIGHT TRUCKS

---

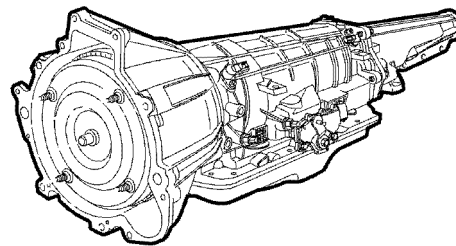
### 4R44E Automatic Transmission

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Bordeaux, France										
<b>Transmission Type</b>	4-Speed Automatic Overdrive Electronically Controlled Transmission										
<b>Gear Ratios</b>	<table><thead><tr><th>1st</th><th>2nd</th><th>3rd</th><th>4th</th><th>Rev.</th></tr></thead><tbody><tr><td>2.47</td><td>1.47</td><td>1.00</td><td>0.75</td><td>2.1</td></tr></tbody></table>	1st	2nd	3rd	4th	Rev.	2.47	1.47	1.00	0.75	2.1
1st	2nd	3rd	4th	Rev.							
2.47	1.47	1.00	0.75	2.1							
<b>Gear Range Selection</b>	P - R - OD - 2 - 1										
<b>Fluid Refill Capacity</b>	2.5L — 9.8 qts. (9.3L) 3.0L (4x2) 10 qts. (9.5L) 3.0L (4x4) 10.3 qts. (9.8L)										
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Cologne, Germany										
<b>Fluid Recommendation</b>	MERCON® V										
<b>Availability</b>	Ranger — 2.5L Ranger — 3.0L										



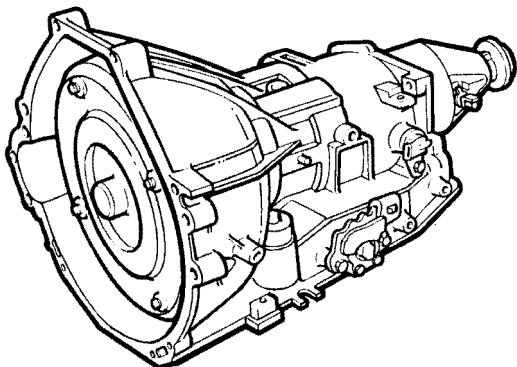
### 5R55E Automatic Transmission

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Bordeaux, France												
<b>Transmission Type</b>	5-Speed Automatic Overdrive Electronically Controlled Transmission												
<b>Gear Ratios</b>	<table><thead><tr><th>1st</th><th>2nd</th><th>3rd</th><th>4th</th><th>5th</th><th>Rev.</th></tr></thead><tbody><tr><td>2.47</td><td>1.87</td><td>1.47</td><td>1.00</td><td>0.75</td><td>2.1</td></tr></tbody></table>	1st	2nd	3rd	4th	5th	Rev.	2.47	1.87	1.47	1.00	0.75	2.1
1st	2nd	3rd	4th	5th	Rev.								
2.47	1.87	1.47	1.00	0.75	2.1								
<b>Gear Range Selection</b>	P - R - OD - 2 - 1												
<b>Fluid Refill Capacity</b>	ALL 4x2 — 10 qts. (9.5L) 4x4 — 10.3 qts. (9.8L)												
<b>Fluid Recommendation</b>	MERCON® V												
<b>Availability</b>	Ranger 4.0L EI Explorer 4.0L EI/4.0L SOHC Mountaineer 4.0L SOHC												



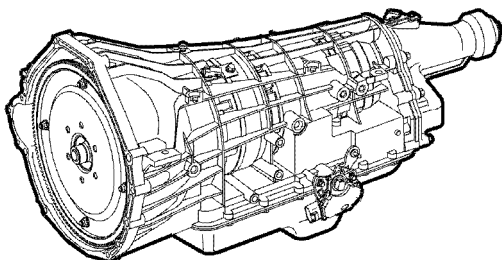
## PASSENGER CARS AND LIGHT TRUCKS

### 4R70W Automatic Transmission



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Livonia, Michigan
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transmission — Electronic
<b>Gear Ratios</b>	<b>1st 2nd 3rd 4th Rev.</b> 2.84 1.55 1.00 0.70 2.32
<b>Gear Range Selection</b>	P - R - N - OD - 2 - 1
<b>Fluid Refill Capacity</b>	13.1 Liters (13.9 qts.) 12.0 Liters (12.8 qts.) — Mark VIII, Mustang, Town Car — Cartier
<b>Fluid Recommendation</b>	MERCON® V
<b>Availability</b>	Mustang, Mark VIII, Town Car, Crown Victoria, Grand Marquis, E/F-150/250 Series, Explorer/Mountaineer, Expedition

### E4OD/4R100 Automatic Transmission



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Sharonville, Ohio
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transmission — Electronic
<b>Gear Ratios</b>	<b>1st 2nd 3rd 4th Rev.</b> 2.71 1.54 1.00 0.71 2.18
<b>Gear Range Selection</b>	P - R - N - OD - 2 - 1
<b>Fluid Refill Capacity</b>	14.8 Liters (15.9 qts.) (4x2) * 15.3 Liters (16.4 qts.) (4x4) *
<b>Fluid Recommendation</b>	MERCON®
<b>Availability</b>	All F-Series Chassis Cab, Stripped Chassis All Econoline Commercial Cutaway E-Super Van/Wagon RV Cutaway Expedition Navigator

NOTE: 1997 F-Series Over 8500 GVW applications carry over until March 1998 (all equipped with E4OD transmissions). The 1999 Super Duty F-Series 250HD/350/450/550 introduced in March 1998 will use only the new 4R100 transmission.

1998 vehicles built prior to January are equipped with an E4OD and 1998 vehicles built after are equipped with a 4R100.

\* Approx. dry fill capacity. Actual refill quantity may vary a few ounces with vehicle applications.

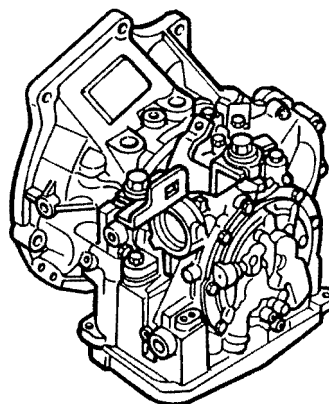
TRANSMISSION AND TRANSAXLE LINEUP  
North American Markets

## PASSENGER CARS AND LIGHT TRUCKS

---

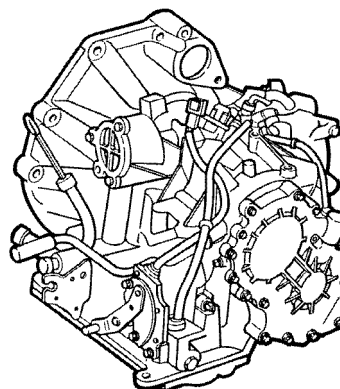
### F4E Automatic Transaxle (Type F)

<b>Manufacturer/Assy. Plant</b>	Mazda Japan
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transaxle — Electronic
<b>Gear Ratios</b>	<b>1st 2nd 3rd 4th Rev.</b> 2.80 1.54 1.00 0.70 2.33
<b>Gear Range Selection</b>	P - R - N - OD - D - L
<b>Fluid Refill Capacity</b>	6.1 Liters (6.4 qts.)
<b>Fluid Recommendation</b>	MERCON®
<b>Availability</b>	Escort, Tracer



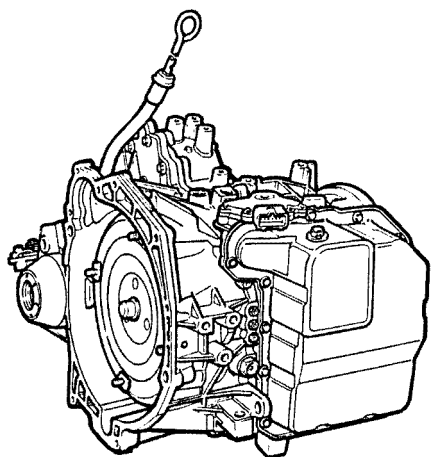
### 4F20E Automatic Transaxle

<b>Manufacturer/Assy. Plant</b>	Nissan Japan
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transaxle — Electronic
<b>Gear Ratios</b>	<b>1st 2nd 3rd 4th Rev.</b> 2.78 1.54 1.00 0.69 2.27
<b>Gear Range Selection</b>	P - R - N - D - 2 - 1
<b>Fluid Refill Capacity</b>	8.3 Liters (8.8 qts.)
<b>Fluid Recommendation</b>	MERCON®
<b>Availability</b>	Villager



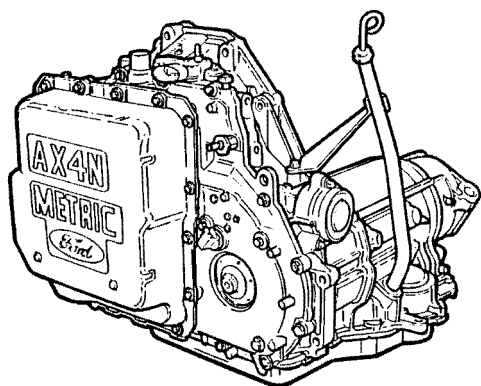
## PASSENGER CARS AND LIGHT TRUCKS

### CD4E Automatic Transaxle



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Batavia, Ohio
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transaxle — Electronic
<b>Gear Ratios</b>	<b>1st 2nd 3rd 4th Rev.</b> 2.89 1.57 1.00 0.69 2.31
<b>Gear Range Selection</b>	P - R - N - D - 2 - 1
<b>Fluid Refill Capacity</b>	8.5 Liters (9.0 qts.) — Probe 2.0L 8.5 Liters (9.0 qts.) — Contour, Mystique 2.0L 9.6 Liters (10.2 qts.) — Contour, Mystique 2.5L
<b>Fluid Recommendation</b>	MERCON®
<b>Availability</b>	Contour, Mystique, Cougar

### AX4N Automatic Transaxle



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company, Van Dyke Plant Sterling Heights, Michigan
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transaxle — Electronic
<b>Gear Ratios</b>	<b>1st 2nd 3rd 4th Rev.</b> 2.77 1.54 1.00 0.69 2.26
<b>Gear Range Selection</b>	w/TCS P - R - N - OD - 2 - 1 (Taurus SHO 3.4L, Taurus/Sable 3.0L 4V) w/o TCS P - R - N - OD - D - 1 (Taurus/Sable 3.0L 2V, Continental 4.6L)
<b>Fluid Refill Capacity</b>	12.8 Liters (13.5 qts.) — 3.0L Engine, 2V 12.7 Liters (13.4 qts.) — 3.0L Engine, 4V 3.4L Engine, Taurus SHO
<b>Fluid Recommendation</b>	13.0 Liters (13.7 qts.) — 4.6L Engine MERCON® V
<b>Availability</b>	Taurus, Sable, Taurus SHO, Continental

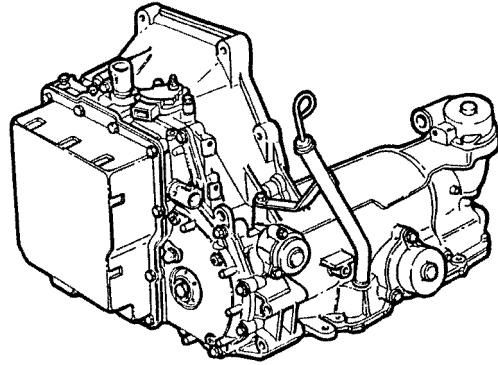
TRANSMISSION AND TRANSAXLE LINEUP  
North American Markets

## PASSENGER CARS AND LIGHT TRUCKS

---

### AX4S Automatic Transaxle

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Livonia, Michigan										
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transaxle — Electronic										
<b>Gear Ratios</b>	<table><thead><tr><th>1st</th><th>2nd</th><th>3rd</th><th>4th</th><th>Rev.</th></tr></thead><tbody><tr><td>2.77</td><td>1.54</td><td>1.00</td><td>0.69</td><td>2.26</td></tr></tbody></table>	1st	2nd	3rd	4th	Rev.	2.77	1.54	1.00	0.69	2.26
1st	2nd	3rd	4th	Rev.							
2.77	1.54	1.00	0.69	2.26							
<b>Gear Range Selection</b>	w/o TCS P - R - N - OD - D - 1 (Taurus/Sable only) w/TCS P - R - N - OD - 2 - 1 (Windstar only)										
<b>Fluid Refill Capacity</b>	11.6 Liters (12.2 qts.) — All										
<b>Fluid Recommendation</b>	MERCON® V										
<b>Availability</b>	Taurus, Sable, Windstar										



# TRANSMISSION/TRANSAXLE CODE DESIGNATIONS

## Front Wheel Drive — Automatic Transaxles

AX4S            AX4N            CD4E  
4F20E           4FE

## Front Wheel Drive — Manual Transaxles

M5                    MTX-75

## Rear Wheel Drive — Automatic Transmissions

4R70W            E4OD/4R100      4R44E/5R55E

## Rear Wheel Drive — Manual Transmissions

T5OD            T45            M5OD-R1  
M5OD-R2      M5HD-C      M5HD-W

## Code Translation


A	Automatic	O	Over (overdrive)
C	Vehicle Application Size (CD4E only)	S	Synchronized Transmission
C	Close Ratio	W	Wide Ratio
D	Drive	X	Transaxle
E	Electronically Controlled	4	Four Speed
F	Front Wheel Drive	5	Five Speed
H	Taurus SHO Vehicle	44	440 ft.-lbs., maximum input torque*
HD	Heavy Duty	55	550 ft.-lbs., maximum input torque*
L	Lockup	70	770 ft.-lbs., maximum input torque*
M	Manual		
N	Non-synchronized		

\* As measured at the torque converter output and transmission input shaft.

## Vehicle Certification Label (located on door pillar)

### TRUCK APPLICATION


MFD. BY FORD MOTOR CO. IN U.S.A.  
DATE:                    GVWR: 6250LB/ 2834KG  
FRONT GAWR: 2950LB      REAR GAWR: 3776LB  
1338KG                    WITH 1712KG                    WITH  
P235/75R15XL            TIRES      P235/75R15XL            TIRES  
15X7.5J                    RIMS      15X7.5J                    RIMS  
AT 35 PSI COLD                    AT 41 PSI COLD  
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
VIN: 1FTEF14Y9TLA20812      F0050  
TYPE: TRUCK                    T0508



YZ                    DZ                    48                    DSO  
EXTERIOR PAINT COLORS                    BODY | BRK | HLOG. | INT TRIM | TAPE | R | S | AX | YR  
LX3                    R6                    9                    G                    E  
FOTA-15204A10-AA

### PASSENGER CAR APPLICATION

MFD. BY FORD MOTOR CO. IN U.S.A.  
DATE:                    GVWR: 3457LB/1568KG  
FRONT GAWR: 1865LB      845KG  
REAR GAWR: 1664LB      754KG  
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
VIN: 1FASP11J2SW357364      F0054  
TYPE: PASSENGER                    R0097



NA                    21                    DSO  
EXTERIOR PAINT COLORS                    BODY | BRK | HLOG. | INT TRIM | TAPE | R | S | AX | YR  
LX3                    R6                    9                    G                    E  
VF0EB-58204A10-AB

### FRONT WHEEL DRIVE

Code	MANUAL TRANSMISSION
M	Manual 5-Speed Overdrive (MAZDA R2)
C	Manual 5-Speed Overdrive (Close Ratio)
W	Manual 5-Speed Overdrive (DANA ZF)
AUTOMATIC TRANSMISSION	
U	Automatic 4-Speed Overdrive (4R70W)
T	Automatic 4-Speed Overdrive (4R44E/4R55E)
E	Automatic 4-Speed Overdrive (E4OD/4R100)

Code	MANUAL TRANSAXLE
R	5-Speed Overdrive (MTX75)
W	5-Speed Overdrive (M5)
AUTOMATIC TRANSAXLE	
E	4-Speed Overdrive (4FE)
J	3-Speed (MAZDA)
L	4-Speed Overdrive (AX4S)
P	4-Speed Overdrive (4F20E)
X	4-Speed Overdrive (AX4N)
Y	4-Speed Overdrive (CD4E)

### REAR WHEEL DRIVE

Code	MANUAL TRANSAXLE
5	5-Speed (MAZDA M5)
AUTOMATIC TRANSMISSION	
U	4-Speed Overdrive (4R70W)

TRANSMISSION AND TRANSAXLE LINEUP  
North American Markets

# VEHICLE IDENTIFICATION NUMBER

## WORLD MANUFACTURER IDENTIFIER (VIN POSITIONS 1, 2, AND 3)

**1FA** BP40M2NX100001

VIN CODE 1ST-2ND-3RD POSITIONS	VEHICLE MANUFACTURER	MAKE	TYPE
1FA	FORD MOTOR COMPANY, USA	FORD	PASSENGER CAR
1FM	FORD MOTOR COMPANY, USA	FORD	MPV
1FT	FORD MOTOR COMPANY, USA	FORD	TRUCK (COMPLETE VEHICLE)
1FD	FORD MOTOR COMPANY, USA	FORD	INCOMPLETE VEHICLE
1FC	FORD MOTOR COMPANY, USA	FORD	BASIC (STRIPPED) CHASSIS
1FB	FORD MOTOR COMPANY, USA	FORD	BUS
1FF	FORD MOTOR COMPANY, USA	FORD	MOTOR VEHICLE EQUIPMENT W/O ENGINE/ POWERTRAIN (GLIDER)
1ME	FORD MOTOR COMPANY, USA	MERCURY	PASSENGER CAR
1MH	FORD MOTOR COMPANY, USA	MERCURY	INCOMPLETE VEHICLE
1LN	FORD MOTOR COMPANY, USA	LINCOLN	PASSENGER CAR
1LJ	FORD MOTOR COMPANY, USA	LINCOLN	INCOMPLETE VEHICLE
1L1	AUTOALLIANCE INTERNATIONAL, INC.	LINCOLN	PASSENGER CAR — LIMOUSINE
2FA	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	PASSENGER CAR
2FM	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	MPV
2FT	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	TRUCK (COMPLETED VEHICLE)
2FD	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	INCOMPLETE VEHICLE
2FC	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	BASIC (STRIPPED) CHASSIS
2FB	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	BUS
2FF	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	MOTOR VEHICLE EQUIPMENT W/O ENGINE/ POWERTRAIN (GLIDER)
2ME	FORD MOTOR COMPANY OF CANADA, LTD.	MERCURY	PASSENGER CAR
2MH	FORD MOTOR COMPANY OF CANADA, LTD.	MERCURY	INCOMPLETE VEHICLE
3FA	FORD MOTOR COMPANY S.A. de C.V. (MEXICO)	FORD	PASSENGER CAR
3FB	FORD MOTOR COMPANY S.A. de C.V. (MEXICO)	FORD	BUS
3FC	FORD MOTOR COMPANY S.A. de C.V. (MEXICO)	FORD	BASIC (STRIPPED VEHICLE)
3FE	FORD MOTOR COMPANY S.A. de C.V. (MEXICO)	FORD	INCOMPLETE VEHICLE
3FM	FORD MOTOR COMPANY S.A. de C.V. (MEXICO)	FORD	MPV
3FT	FORD MOTOR COMPANY S.A. de C.V. (MEXICO)	FORD	TRUCK (COMPLETE VEHICLE)
3ME	FORD MOTOR COMPANY S.A. de C.V. (MEXICO)	MERCURY	PASSENGER CAR
4F2	FORD MOTOR COMPANY, USA	MAZDA	MPV
4F3	FORD MOTOR COMPANY, USA	MAZDA	INCOMPLETE VEHICLE
4F4	FORD MOTOR COMPANY, USA	MAZDA	TRUCK (COMPLETED VEHICLE)
4M2	FORD MOTOR COMPANY, USA	MERCURY	MPV
4M3	FORD MOTOR COMPANY, USA	MERCURY	INCOMPLETE VEHICLE
4M4	FORD MOTOR COMPANY, USA	MERCURY	TRUCK (COMPLETED VEHICLE)
4N2	FORD MOTOR COMPANY, USA	NISSAN	MPV
4N3	FORD MOTOR COMPANY, USA	NISSAN	INCOMPLETE VEHICLE
4N4	FORD MOTOR COMPANY, USA	NISSAN	TRUCK (COMPLETED VEHICLE)
5LM	FORD MOTOR COMPANY, USA	LINCOLN	MPV
5LT	FORD MOTOR COMPANY, USA	LINCOLN	TRUCK (COMPLETED VEHICLE)
5LD	FORD MOTOR COMPANY, USA	LINCOLN	INCOMPLETE VEHICLE

VIN — DECODER  
North American Markets

# VEHICLE IDENTIFICATION NUMBER

## RESTRAINT SYSTEM TYPE (VIN POSITION 4)

1FA **B** P40F2MZ100001

PASSENGER CAR IDENTIFIERS	VIN CODE
Active Belts (all designated seating positions)	B
Active Belts (all designated seating positions) plus Driver Air Bag	C
Active Belts (all designated seating positions with 3-point belts in all outboard positions) plus Driver and Passenger Air Bags	L

## MANUFACTURER SPECIFICATION (VIN POSITION 5)

1FAB **P** 40M2MX100001

DESCRIPTION	VIN CODE
"Ford" make	P
"Lincoln" or "Mercury" make	M

## Line, Series, Body Type (Vin Position 6 and 7)

VIN CODE 5TH-6TH-7TH POSITIONS	VEHICLE LINE (Optional Nameplate)	BODY TYPE
<b>FORD DIVISION CAR LINES</b>		
P10	ESCORT LX	4-DR. SEDAN
P11	ESCORT ZX2	2-DR. COUPE
P13	ESCORT SE	4-DR. SEDAN
P15	ESCORT SE	4-DR. STATION WAGON
P40	MUSTANG BASE	2-DR. COUPE
P42	MUSTANG GT	2-DR. COUPE
P44	MUSTANG BASE	2-DR. CONV.
P45	MUSTANG GT	2-DR. CONV.
P46	MUSTANG COBRA	2-DR. CONV.
P47	MUSTANG COBRA	2-DR. COUPE
P52	TAURUS LX/SE	4-DR. SEDAN
P53	TAURUS SE COMFORT	4-DR. SEDAN
P54	TAURUS SHO	4-DR. SEDAN
P57	TAURUS SE	4-DR. STATION WAGON
P58	TAURUS SE COMFORT	4-DR. STATION WAGON
P65	CONTOUR BASE/GL/LX	4-DR. SEDAN
P66	CONTOUR LX/SE	4-DR. SEDAN
P67	CONTOUR SE	4-DR. SEDAN
P68	CONTOUR SVT	4-DR. SEDAN
P71	CROWN VICTORIA POLICE INTC.	4-DR. SEDAN
P72	CROWN VICTORIA FLEET	4-DR. SEDAN
P73	CROWN VICTORIA BASE	4-DR. SEDAN
P74	CROWN VICTORIA LX	4-DR. SEDAN
A51	WINDSTAR GL	WAGON (4X2)
A54	WINDSTAR BASE	CARGO VAN (4X2)

VIN CODE 5TH-6TH-7TH POSITIONS	VEHICLE LINE (Optional Nameplate)	BODY TYPE
<b>LINCOLN-MERCURY DIVISION CAR LINES</b>		
M10	TRACER GS	4-DR. SEDAN
M13	TRACER LS	4-DR. SEDAN
M15	TRACER LS	4-DR. STATION WAGON
M50	SABLE GS/LS	4-DR. SEDAN
M53	SABLE LS PREMIUM	4-DR. SEDAN
M55	SABLE LS	4-DR. STATION WAGON
M58	SABLE LS PREMIUM	4-DR. STATION WAGON
M65	MYSTIQUE BASE/GS	4-DR. SEDAN
M66	MYSTIQUE LS	4-DR. SEDAN
M74	GRAND MARQUIS GS	4-DR. SEDAN
M75	GRAND MARQUIS LS	4-DR. SEDAN
M81	LINCOLN TOWN CAR EXECUTIVE	4-DR. SEDAN
M82	LINCOLN TOWN CAR SIGNATURE	4-DR. SEDAN
M83	LINCOLN TOWN CAR CARTIER	4-DR. SEDAN
M91	LINCOLN MARK VIII BASE	2-DR. SEDAN
M92	LINCOLN MARK VIII LSC	2-DR. SEDAN
M97	CONTINENTAL	4-DR. SEDAN
V11	VILLAGER GS	WAGON
V14	VILLAGER GS	CARGO VAN
<b>OTHER EXTERIOR NAMEPLATES - LS, NAUTICA</b>		
<b>LINCOLN-MERCURY DIVISION TRUCK LINES</b>		
U27	NAVIGATOR	4-DR. (4X2)
U28	NAVIGATOR	4-DR. (4X4)
U52	MOUNTAINEER	4-DR. (4X2)
U54	MOUNTAINEER	4-DR. (4X4)
U55	MOUNTAINEER	4-DR. (AWD)

## VEHICLE IDENTIFICATION NUMBER

### Line, Series, Body Type (Vin Position 5, 6, and 7)

VIN CODE 5TH-6TH-7TH POSITIONS	VEHICLE LINE (Optional Nameplate)	BODY TYPE
<b>FORD DIVISION LIGHT TRUCK LINES</b>		
<b>ECONOLINE VAN AND CLUB WAGON</b>		
E11	(4X2) XL	CLUB WAGON (4X2)
E14	E-150	CARGO VAN (4X2)
E24	E-250	CARGO VAN (4X2)
E27	E-250	COMMERCIAL CUTAWAY (4X2)
E29	E-250	STRIPPED CHASSIS (4X2)
E30	E-350	RV CUTAWAY (4X2)
E34	E-350	CARGO VAN (4X2)
E37	E-350	COMMERCIAL CUTAWAY (4X2)
E39	E-350	STRIPPED CHASSIS (4X2)
Optional Exterior Nameplate — XL, XLT, Chateau, Power Stroke Diesel, RV, CNG-Diamond, Natural Gas, Triton V8, Triton V10		
<b>LIGHT TRUCK — REGULAR CAB</b>		
F07	F-150	REGULAR CAB (4X2)
F08	F-150	REGULAR CAB (4X4)
F17	F-150	REGULAR CAB (4X2)
F18	F-150	REGULAR CAB (4X4)
F27	F-250	REGULAR CAB (4X2)
F28	F-250	REGULAR CAB (4X4)
F35	F-350	REGULAR CAB (4X2)
F36	F-350	REGULAR CAB (4X4)
F37	F-350	CHASSIS CAB (4X2)
F38	F-350	CHASSIS CAB (4X4)
Optional Exterior Nameplates — XL, XLT, STX, 4X4 Off Road, Eddie Bauer, CNG-Diamond, Natural Gas, Triton V8.		

VIN CODE 5TH-6TH-7TH POSITIONS	VEHICLE LINE (Optional Nameplate)	BODY TYPE
<b>FORD DIVISION LIGHT TRUCK LINES</b>		
<b>SUPER VAN AND SUPER WAGON</b>		
S24	ECONOLINE E-250	SUPER VAN (4X2)
S31	XL	CLUB WAGON (4X2)
S34	ECONOLINE E350	SUPER VAN (4X2)
<b>RANGER</b>		
R10	RANGER (4X2) XL	REGULAR CAB
R11	RANGER (4X4) XL	REGULAR CAB
R14	RANGER (4X2) XL	SUPERCAB
R15	RANGER (4X4) XL	SUPERCAB
Optional Exterior Nameplates — XLT, Splash, 4X4, 4X4 Off Road, EV (Leaf/Road)		
<b>EXPEDITION</b>		
U17	EXPEDITION XLT (4X2)	4-DOOR
U18	EXPEDITION XLT (4X4)	4-DOOR
Optional Exterior Nameplates — Sport, XLT, Eddie Bauer, Limited, Control Trac 4WD, V8		
<b>EXPLORER</b>		
U22	(4X2) XL	2-DOOR
U24	(4X4) XL	2-DOOR
U32	(4X2) XL	4-DOOR
U34	(4X4) XL	4-DOOR
U35	(AWD) XLT	4-DOOR
Optional Exterior Nameplates — XLT, Eddie Bauer, Sport, Limited, Control Trac 4WD, V8		
<b>LIGHT TRUCK — CREW CAB</b>		
W25	F-250 XL	CREW CAB (4X4)
W26	F-250 XL	CREW CAB (4X2)
W35	F-350 XL	CREW CAB (4X2)
W36	F-350 XL	CREW CAB (4X4)
<b>LIGHT TRUCK — SUPERCAB</b>		
X07	F-150	SUPERCAB FLARESIDE (4X2)
X08	F-150	SUPERCAB FLARESIDE (4X4)
X17	F-150	SUPERCAB STYLESIDE (4X2)
X18	F-150	SUPERCAB STYLESIDE (4X4)
X27	F-250	SUPERCAB STYLESIDE (4X2)
X28	F-250	SUPERCAB STYLESIDE (4X4)
X35	F-350	SUPERCAB (4X2)
Optional Exterior Nameplates — XL, XLT, 4X4 Off Road, Eddie Bauer, Lariat, CNG-Diamond, Natural Gas, Triton V8, STX.		

# VEHICLE IDENTIFICATION NUMBER

## ENGINE TYPE (VIN POSITION 8)

VIN CODE 8TH POSITION	ENGINE LITER	CID	CYL	FUEL
<b>PASSENGER CAR</b>				
L	2.5 EFI - DOHC	155	V-6	GAS
U	3.0 EFI	182	V-6	GAS
V	4.6 EFI DOHC	281	V-8	GAS
W	4.6 EFI SOHC (R)	281	V-8	GAS
1	3.0 EFI - FFV	182	V-6	GAS-M85
G	2.5 EFI - DOHC	155	V-6	GAS
3	2.0 DOHC	121	I-4	GAS
4	3.8 EFI	232	V-6	GAS
S	3.0 EFI - DOHC	182	V-6	GAS
Z	2.0 EFI - DOHC	121	I-4	GAS/GFP
2	3.0 EFI - FFV	182	V-6	GAS/E85
N	3.4 EFI - DOHC-SHO (YAMAHA)	207	V-8	GAS
X	4.6 EFI - SOHC	281	V-8	GAS
9	4.6 EFI - SOHC	281	V-8	CNG
P	2.0 EFI - SPI	122	I-4	GAS
<b>LIGHT TRUCK</b>				
F	7.3 DIT (NAVISTAR)	445	V-8	DIESEL
G	7.5 EFI	460	V-8	GAS
H	5.8 EFI	351	V-8	GAS
P	5.0 EFI	302	V-8	GAS
B	2.5 D - SOHC - IDI	155	I-4	DIESEL
C	2.5 EFI - SOHC	155	I-4	GAS
7	67 KW	—	325 VOLTS	ELECTRIC
U	3.0 EFI	182	V-6	GAS
X	4.0 EFI	241	V-6	GAS
4	3.8 EFI SPI	232	V-6	GAS
Z	5.4 EFI - SOHC	330	V-8	GAS/GFP
1	3.0 (NISSAN)	182	V-6	GAS
E	4.0 EFI - SOHC	241	V-6	GAS
2	4.2 EFI - SPI	256	V-6	GAS
W or 6	4.6 EFI - SOHC (R) or (W)	281	V-8	GAS
L	5.4 EFI - SOHC (W)	330	V-8	GAS
M	5.4 EFI - SOHC (W)	330	V-8	GAS/GFP
S	6.8 EFI -SOHC	415	V-10	GAS
CNG	— COMPRESSED NATURAL GAS			
DIT	— DIRECT INJECTION TURBO			
DOHC	— DUAL OVERHEAD CAMSHAFT			
GFP	— GASEOUS FUEL PREP.			
LPG	— LIQUID PETROLEUM GAS			
OHV	— OVERHEAD VALVE			
SHO	— SUPER HIGH OUTPUT			
SOHC	— SINGLE OVERHEAD CAM			
SPI	— SPLIT PORT INDUCTION			

## CHECK DIGIT (VIN POSITION 9)

VIN CHECK DIGIT FOR ALL VEHICLES  (VIN POSITION 9)  1FABP43M <span style="border: 1px solid black; padding: 2px;">2</span> MX100001
--

## VEHICLE MODEL YEAR (VIN POSITION 10)

VIN CODE 10TH POSITION	MODEL YEAR
V	1997
W	1998
X	1999
Y	2000
1	2001

## PLANT OF MANUFACTURER (VIN POSITION 11)

VIN CODE 11TH POSITION	PLANT	VIN CODE 11TH POSITION	PLANT
A	ATLANTA	P	TWIN CITIES
B	OAKVILLE	R	HERMOSILLO
C	ONT. TRUCK	T	EDISON
D	OHIO	U	LOUISVILLE
E	KY. TRUCK	V	KENTUCKY
F	DEARBORN		TRUCK
G	CHICAGO	W	WAYNE
H	LORAIN	X	ST. THOMAS
J	IMMSA	Y	WIXOM
K	KANSAS CITY	Z	ST. LOUIS
L	MICH. TRUCK		
M	CUAUTITLAN		
N	NORFOLK		

## PRODUCTION SEQUENCE NUMBER (VIN POSITION 12-17)

1FABP40M2MX 100001

SEQUENCE NUMBER
100,001 THROUGH 599,999 — FORD DIVISION VEHICLES
600,001 THROUGH 999,999 — LINCOLN/MERCURY DIVISION VEHICLES

---

## ABBREVIATIONS / METRIC-ENGLISH EQUIVALENTS

---

C	Close Ratio Transmission
C	Conventional Differential
CC	Crew Cab
CNG	Compressed Natural Gas
COP	Coil on Plug
CVH	Controlled Vortex Head
DI	Distributor Ignition System
DIT	Direct Injection Turbo
DOHC	Double Overhead Cam
DRW	Dual Rear Wheels
EI	Electronic Ignition System
EFI	Electronic Fuel Injection
FF	Flexible Fuel Vehicle
GVWR	Gross Vehicle Weight Rating
HD	Heavy Duty
HO	High Output
L	Limited Slip Differential
LD	Light Duty
LPG	Liquid Petroleum Gas
MFI	Multiport Fuel Injection
NA	Natural Aspiration
OHC	Overhead Cam
RC	Regular Chassis
SC	Super Charged
SHO	Super High Output (Taurus only)
SOHC	Single Overhead Cam
SFI	Sequential Fuel Injection
SPI	Split Port Induction
SRW	Single Rear Wheels
TC	Turbocharged
TPH	Twin Plug Head
W	Wide Ratio Transmission

### EQUIVALENTS\*

1 kW	=	1.341 HP
1 HP	=	0.746 kW
1 Nm	=	0.737 Lb. ft.
1 Ft. lb.	=	1.356 Nm

\* **Note:** Factors are provided for approximation purposes only and are not representative of actual certification values.