



2007

NORTH AMERICAN  
PRODUCT CENTERS

**Vehicle Lineup**

**NOTES**

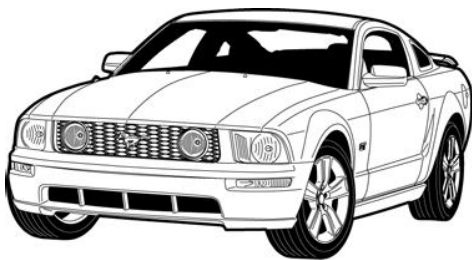
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## PASSENGER CARS



**FORD FOCUS**

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
ZX4ST	4-Dr. Station Wagon	2.0L 4V, I-4 Duratec	MTX-75 4F27E
ZXW			
ZX3	3 Dr. Coupe	2.3L 4V, I-4 Duratec	
ZX4	4-Dr. Sedan	2.0L 4V Duratec & PZEV	
ZX5	5-Dr. Sedan		



**FORD MUSTANG**

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
Base	2-Dr. Coupe	4.0L 2V, V-6 SOHC	TR-3650
GT	2-Dr. Convertible	4.6L 3V, V-8	T50D 5R55S



**FORD FUSION**

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	4-Dr. Sedan	2.3L 4V, I-4 Duratec 3.0L 4V, V-6 Duratec	FNR5 G5M 6 Speed (AWF21)



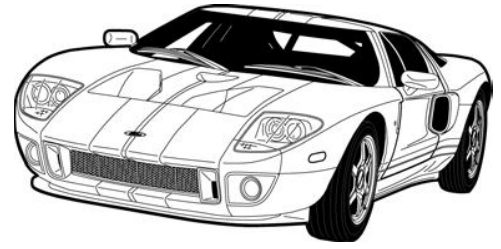
**MERCURY MILAN**

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	4-Dr. Sedan	2.3L 4V, I-4 Duratec 3.0L 4V, Duratec	FNR5 G5M 6 Speed (AWF21)

# PASSENGER CARS

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Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	2-Dr. Coupe	5.4L, 4V SC V-8	GT650/6



**FORD GT**

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
LX SE SES SEL	4-Dr. Sedan	3.0L 2V, V-6 VULCAN	4F50N



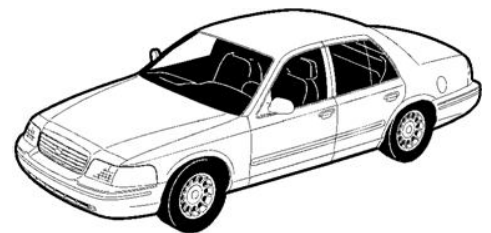
**FORD TAURUS**

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	4-Dr. Sedan	3.0L 4V, V-6 DURATEC	CVT 6 Speed (AWF21)



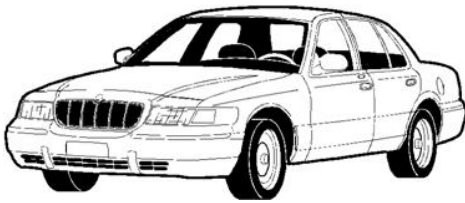
**FORD 500**

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
Police Interceptor Fleet Standard LX	4-Dr. Sedan	4.6L 2V, V-8 SOHC SEFI	4R75E



**FORD CROWN VICTORIA**

## PASSENGER CARS



*MERCURY GRAND MARQUIS*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
GS LS LSE Ultimate	4-Dr. Sedan	4.6L 2V, V-8 SOHC SEFI	4R75E



*LINCOLN TOWN CAR*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
Executive Signature Cartier	4-Dr. Sedan	4.6L 2V, V-8 SOHC SEFI	4R75E



*LINCOLN MKZ*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	4-Dr. Sedan	3.5L 4V, V-6 DURATEC	AWF-21 (6 Speed)



*MERCURY MONTEGO*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	4-Dr. Sedan	3.0L 4V, V-6 DURATEC	CVT 6 Speed (AWF21)



*FORD ESCAPE \**

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
XLS XLT Hybrid	4-Dr. 4x2 FWD 4x4 AWD	2.3L 4V, I-4 DURATEC 2.3L I-4 ATKINSON DURATEC 3.0L 4V, V-6 DURATEC	CD4E "AKK" Manual Transmission Special Hybrid

\* Escape Hybrid has a gas/electric powertrain



*FORD FREESTYLE*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
SE SELLimited	Crossover	3.0L 4V, V-6 DURATEC	CVT



*FORD FREESTAR*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
SE SEL	Wagon Mini Van	3.9L 2V, V-6* 4.2L 2V, V-6 SPI	4F50N

\* Early Build Only



*MERCURY MONTEREY*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
Luxury	Wagon Mini Van	3.9L 2V, V-6* 4.2L 2V, V-6 SPI	4F50N

\* Early Build Only

# MPV

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
XLS XLT Eddie Bauer Limited Edition	4-Dr. 4x2/4x4	4.0L 2V, V-6 SOHC 4.6L 3V	5R55S 6R60



*FORD EXPLORER 4 DR*

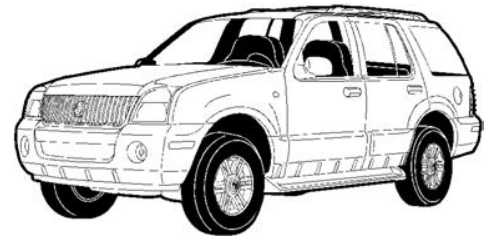
Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
Base Hybrid	4-Dr. 4x2 FWD 4x4 AWD	2.3L 4V, I-4 DURATEC 2.3L I-4 ATKINSON DURATEC 3.0L 4V, V-6 DURATEC	CD4E Special Hybrid

\* Mariner Hybrid has a gas/electric powertrain



*MERCURY MARINER*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
XL XLT	4-Dr. 4x2/4x4	4.0L 2V, V-6 SOHC 4.6L 3V	5R55S 6R60



*MERCURY MOUNTAINEER*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
XLT Eddie Bauer	4-Dr. 4x2/4x4	5.4L 3V, V-8 Triton	6R75



*FORD EXPEDITION*



*LINCOLN MKX*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	4-Dr. AWD FWD	3.5L 4V, V-6 DURATEC	6F50



*FORD EDGE*

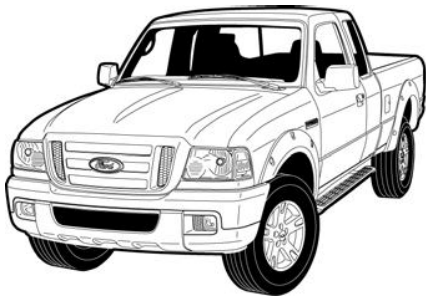
Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	4 DR AWD FWD	3.5L 4V, V-6 DURATEC	6F50



*FORD SPORT TRAC*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
	4-Dr. 4x2/4x4	4.0L 2V, V-6 SOHC 4.6L 3V, V-8	6R60 5R55S

## LIGHT TRUCKS



*FORD RANGER*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
XL	Regular/SuperCab 4x2/4x4	2.3L 4V, I-4 DURATEC	M50D-R1
XLT		3.0L 2V, V-6 VULCAN - Gas	5R55E
Edge		4.0L 2V, V-6 SOHC	5R44E



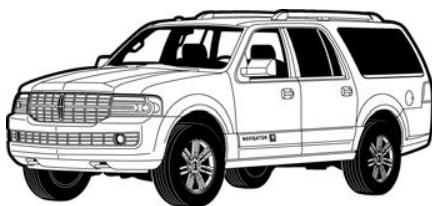
*FORD F150*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
STX	4x2 Regular/SuperCab	4.2L 2V, V-6 SPI	4R75E
XL			
XLT	SuperCrew 4x2/4x4	4.6L 2V, V-8 Triton	
FX4		5.4L 3V, V-8 Triton	
Lariat			
Harley Davidson			



*LINCOLN MARK LT*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
Base	4x2	5.4L 3V, V-8 Triton	4R75E
	4x4		



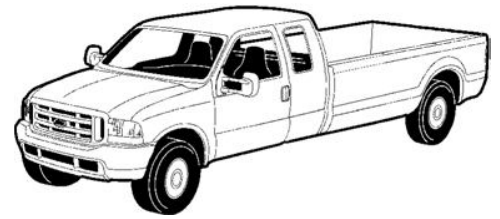
*LINCOLN NAVIGATOR*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
Luxury	4-Dr. 4x2/4x4	5.4L 3V, V-8 Triton	6HP26
Ultimate			

# LIGHT TRUCKS

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
<b>FORD F-SERIES (F-SUPER DUTY OVER 8500# GVW)</b>			
F-250	SuperCab 4x2/4x4	5.4L 3V, V-8 Triton	M6HD*
F-350	Stripped Chassis 4x2		
F-450	Chassis Cab 4x2/4x4	6.0 Diesel	TorqShift
F-550 King Ranch	Crew Cab	6.8L 3V, V10 Triton	

\* M6HD is F150 Trans



*FORD F-SERIES SUPER DUTY*

Model/ Series	Bodystyle	Engines	Transmissions/ Transaxles
<b>FORD E-SERIES WAGON</b>			
XL	Regular Club Wagon	4.6L 2V, V-8 Triton	4R75E
XLT		5.4L 2V, V-8 Triton	
Chateau	HD Club Wagon	6.8L 2V, V-10 Triton	TorqShift
Travle		6.0L Diesel	
<b>FORD E-SERIES VAN/CUTAWAY/CHASSIS</b>			
	Van	4.6L 2V, V-8 Triton	4R75E
Standard	Super Van	5.4L 2V, V-8 Triton	
XL	RV Cutaway	5.4L 2V, V-8 Triton NGV	TorqShift
RV	Commercial Cutaway, Basic, Chassis	6.8L 2V, V-10 Triton	
		6.0L Diesel	



*FORD E-SERIES*

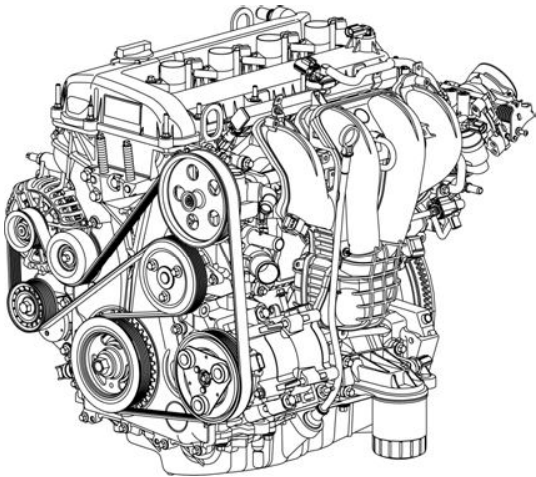


2007

GENERAL SPECIFICATIONS  
FOR  
PASSENGER CARS/LIGHT TRUCKS

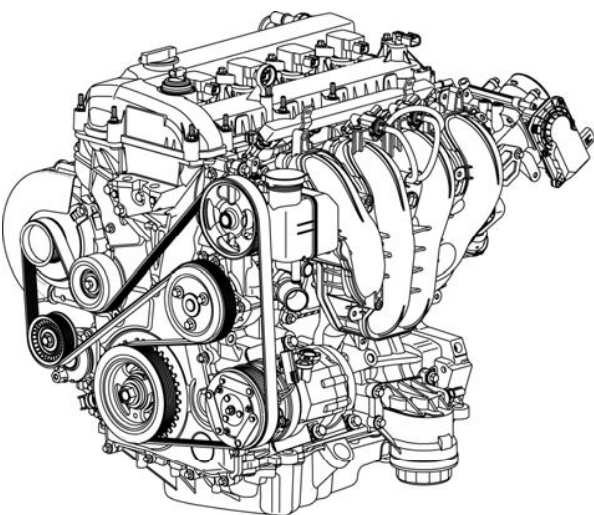
**Engine Lineup**

## 2.0L 4V, I-4 "DURATEC" Engines



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Dearborn, Michigan
<b>Engine Type</b>	4-Cylinder; In-Line, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	136 @ 6000 - Duratec 130 @ 6000 - PZEV
<b>Torque (ft. lb. @ rpm)</b>	136 @ 4250 - Duratec 129 @ 4000 - PZEV
<b>Displacement</b>	2.0 liters
<b>Bore and Stroke (mm)</b>	87.5 x 83.1
<b>Compression Ratio</b>	10:1
<b>Engine Management</b>	Black Oak 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>Ignition System</b>	Coil on Plug
<b>Availability</b>	Focus

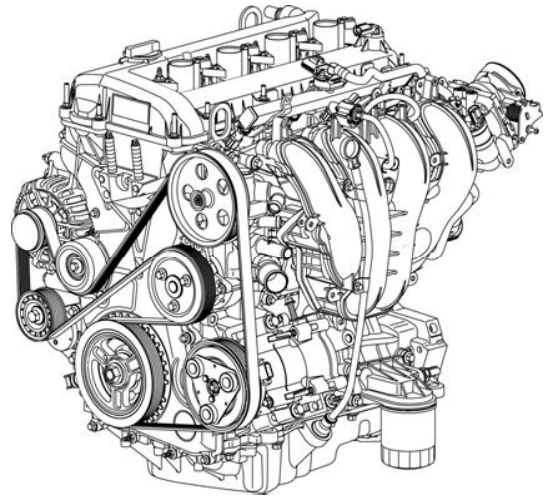
## 2.3L, I-4 "DURATEC" w/VCT Engines



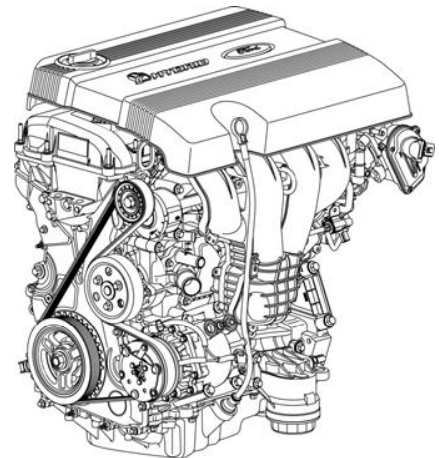
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Chihuahua, Mexico
<b>Engine Type</b>	4-Cylinder; In-Line, Dual Overhead Cam w/vct
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	160 SAE net @ 6250
<b>Torque (ft. lb. @ rpm)</b>	156 SAE net @ 4250
<b>Displacement</b>	2.3 liters
<b>Bore and Stroke (mm)</b>	87.5 x 94.0
<b>Compression Ratio</b>	9.7:1
<b>Engine Management</b>	Motorola ® PCM
<b>Main Bearings</b>	5
<b>Valve Lifters</b>	Mechanical
<b>Valves per Cylinder</b>	4
<b>Fuel Induction</b>	Sequential Electronic Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded 87 octane
<b>Exhaust</b>	Single
<b>Ignition System</b>	Coil on Plug
<b>Availability</b>	Fusion, Milan

## 2.3L 4V, I-4 “DURATEC” Engine

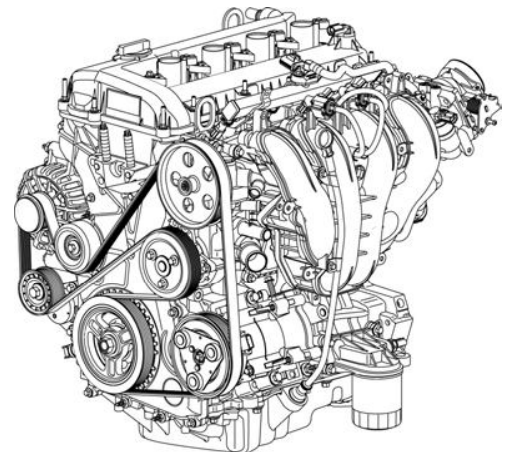
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Chihuahua, Mexico
<b>Engine Type</b>	4-Cylinder; In-Line, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	High Flow Aluminum
<b>Horsepower (@ rpm)</b>	
Escape/Mariner	153 @ 5800
Escape Hybrid	133 @ 6000
Focus	151 @ 5750
<b>Torque (ft. lb. @ rpm)</b>	
Escape/Mariner	152 @ 4250
Escape Hybrid	124 @ 4250
Focus	154 @ 4250
<b>Displacement</b>	2.3 liters
<b>Bore and Stroke (mm)</b>	87.5x 94
<b>Compression Ratio</b>	
Focus, Escape/Mariner	9.7:1
Escape/Mariner Hybrid	12.3:1
<b>Engine Management</b>	Black Oak 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>Ignition System</b>	Coil on Plug
<b>Availability</b>	Focus, Escape/Mariner and Escape/Mariner Hybrid



ESCAPE/MARINER

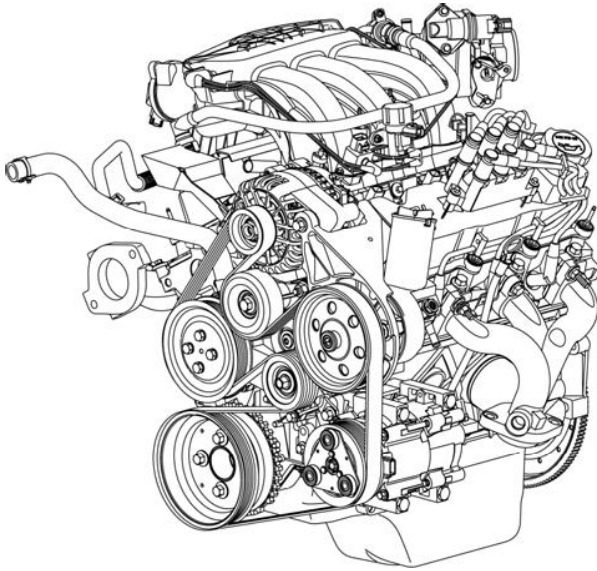


ESCAPE/MARINER HYBRID



FOCUS

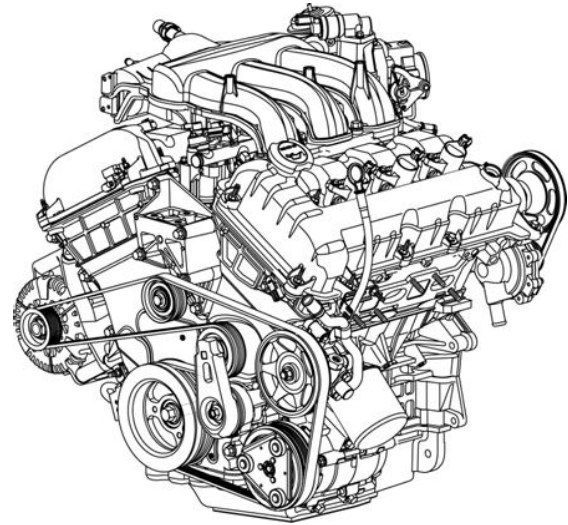
## 3.0L 2V, V-6 "VULCAN" Engine



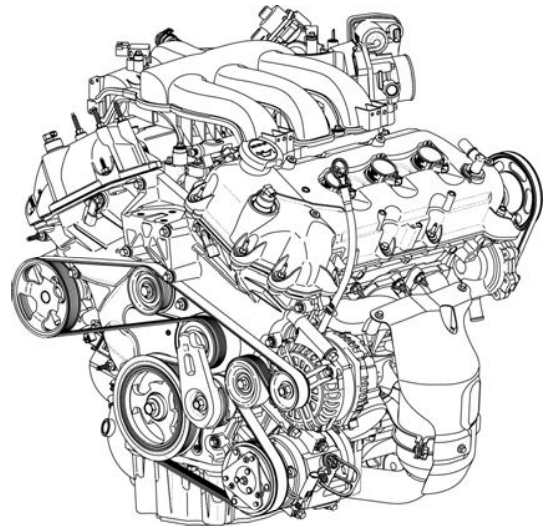
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Lima, Ohio
<b>Engine Type</b>	6-Cylinder; 60°V, Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Cast Iron
<b>Horsepower (@ rpm)</b>	153 @ 5000
<b>Torque (ft. lb. @ rpm)</b>	186 @ 3250
<b>Displacement</b>	3.0 liters
<b>Bore and Stroke (mm)</b>	88.9 x 78.7
<b>Compression Ratio</b>	9.7:1
<b>Engine Management</b>	Power PC 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
<b>Exhaust</b>	Single with Dual Catalytic Converters
<b>Ignition System</b>	Coil Pack
<b>Availability</b>	Taurus

**3.0L 4V, V-6  
“DURATEC” Engine**

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Brook Park, 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>	
Escape/Mariner	200 @ 6000
Fusion/Milan	221 @ 6250
<b>Torque (ft. lb. @ rpm)</b>	
Escape/Mariner	193 @ 4850
Fusion/Milan	205 @ 4800
<b>Displacement</b>	3.0 liters
<b>Bore and Stroke (mm)</b>	89.0 x 79.5
<b>Compression Ratio</b>	10:1
<b>Engine Management</b>	
Escape/Mariner	Black Oak Powertrain Control Module
Fusion/Milan/Zephyr	Silver Oak
<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
<b>Exhaust</b>	Dual Catalyst System “Y” Intermediate and Dual Mufflers
<b>Ignition System</b>	Coil on Plug
<b>Availability</b>	Escape/Mariner, Fusion, Milan

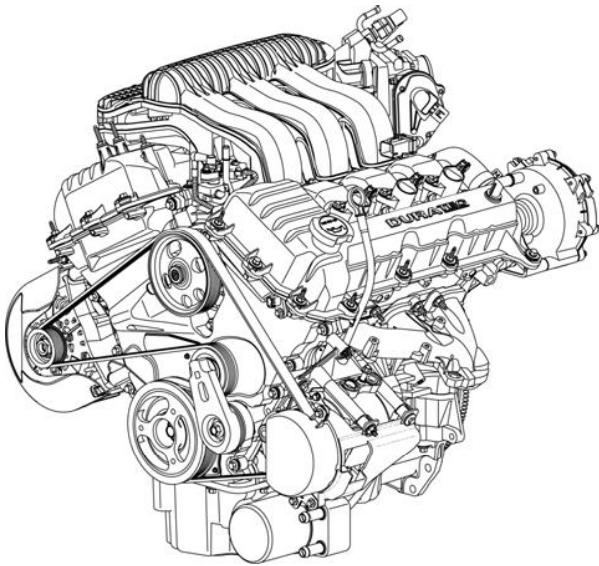


**ESCAPE/MARINER**



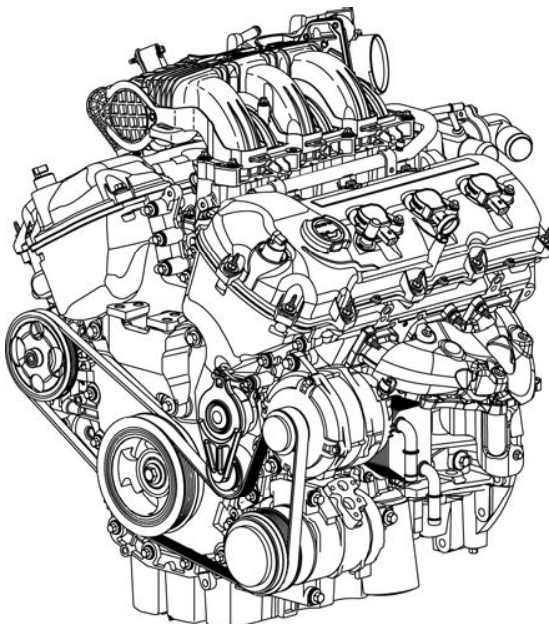
**FUSION**

**3.0L 4V, V-6  
“DURATEC” Engine**



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Brook Park, Ohio Cleveland Plant #1
<b>Engine Type</b>	6-Cylinder; 60°V, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	203 @ 5750
<b>Torque (ft. lb. @ rpm)</b>	207 @ 4500
<b>Displacement</b>	3.0 liters
<b>Bore and Stroke (mm)</b>	89.0 x 79.5
<b>Compression Ratio</b>	10:1
<b>Engine Management</b>	Spanish Oak 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
<b>Exhaust</b>	Single with Catalyst System
<b>Ignition System</b>	Coil on Plug
<b>Availability</b>	Five Hundred/Freestyle/Montego

**3.5L 4V, V-6  
“DURATEC” Engine**



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Brook Park, Ohio Lima Engine Plan
<b>Engine Type</b>	6-Cylinder; 60°V, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
<b>MKX, Edge</b>	265 @ 6250
<b>MKZ</b>	263 @ 6250
<b>Torque (ft. lb. @ rpm)</b>	
<b>MKX, Edge</b>	250 @ 4500
<b>MKZ</b>	249 @ 4500
<b>Displacement</b>	3.5 liters
<b>Bore and Stroke (mm)</b>	95.5 x 86.7
<b>Compression Ratio</b>	10.3:1
<b>Engine Management</b>	
<b>MKX, Edge</b>	Power PC Based 'Green Oak' Powertrain Control Module
<b>MKZ</b>	Power PC Based 'Silver Oak' Powertrain Control Module
<b>Main Bearings</b>	4
<b>Valve Lifters</b>	Direct Acting Mechanical Bucket-Type Tappets
<b>Valves per Cylinder</b>	4
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Dual Catalyst System 'Y' Intermediate and Dual Mufflers
<b>Ignition System</b>	Coil on Plug
<b>Availability</b>	MKX, Edge

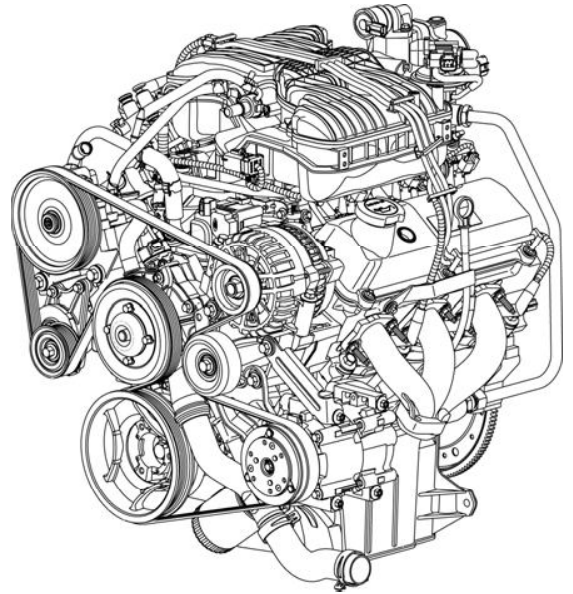
**ENGINE LINEUP  
North American Markets**

# PASSENGER CARS / MPV

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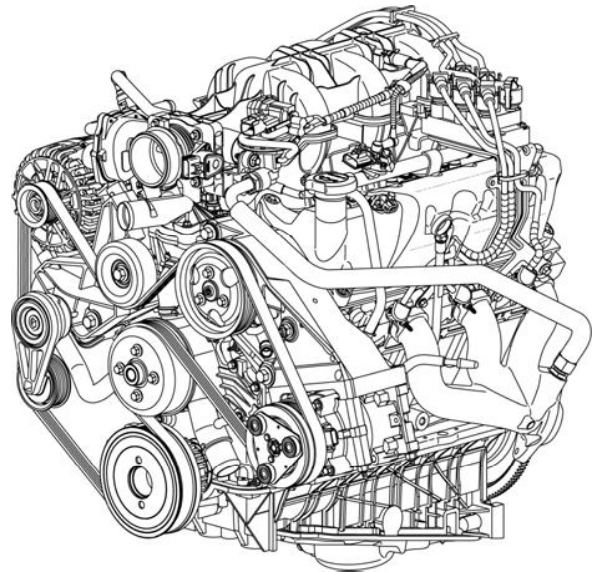
## 3.9L 2V, V-6 Engine

<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>	194 @ 4500
<b>Torque (ft. lb. @ rpm)</b>	243 @ 3750
<b>Displacement</b>	3.9 liters
<b>Bore and Stroke (mm)</b>	96.5 x 88.9
<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>Ignition System</b>	Coil Pack
<b>Availability</b>	Freestar

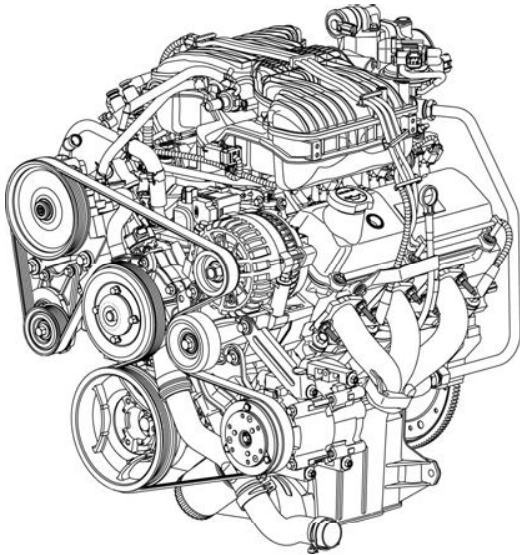


## 4.0L 2V, V-6 Engine (SOHC)

<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>	210 @ 5300
<b>Torque (ft. lb. @ rpm)</b>	240 @ 3500
<b>Displacement</b>	4.0 liters
<b>Bore and Stroke (mm)</b>	99.06 x 83.82
<b>Compression Ratio</b>	9.7:1
<b>Engine Management</b>	Spanish Oak
<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>Ignition System</b>	Coil Pack
<b>Availability</b>	Mustang

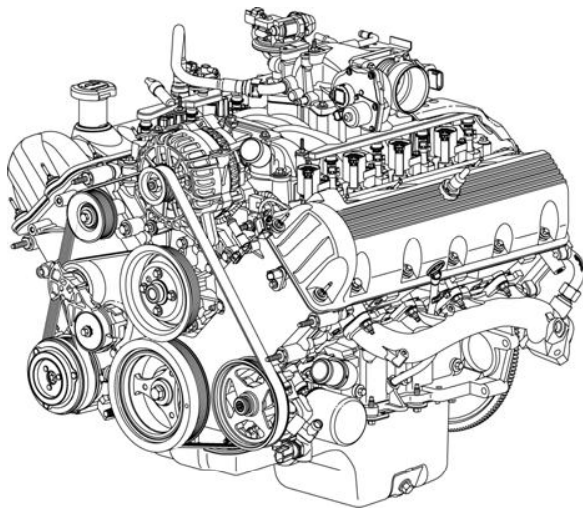


## 4.2L 2V, V-6 Engine



<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>	
Freestar	202 @ 4350
Monterey	201 @ 4250
<b>Torque (ft. lb. @ rpm)</b>	
Freestar	260 @ 3750
Montere	263 @ 3650
<b>Displacement</b>	4.2 liters
<b>Bore and Stroke (mm)</b>	
Freestar	96.82 x 95.0
Monterey	96.5 x 94.9
<b>Compression Ratio</b>	9.2:1
<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>Ignition System</b>	Coil Pack

## 4.6L 2V, V-8 Engine



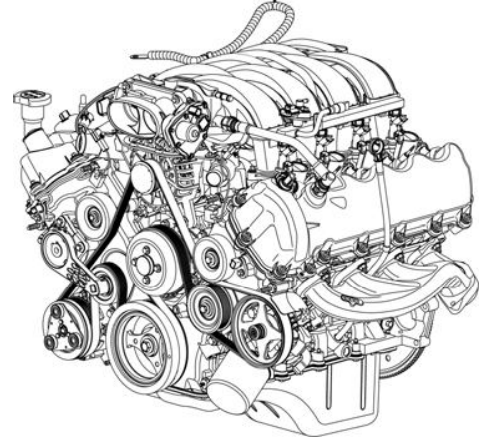
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Romeo, Michigan
<b>Engine Type</b>	8-Cylinder; 90°V, Single Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
Single exhaust	224 @ 4800
Dual exhaust	239 @ 4900
<b>Torque (ft. lb. @ rpm)</b>	
Single exhaust	275 @ 4000
Dual exhaust	287 @ 4100
<b>Displacement</b>	4.6 liters
<b>Bore and Stroke (mm)</b>	90.2 x 90.0
<b>Compression Ratio</b>	9.38:1
<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>Ignition System</b>	Coil on Plug
<b>Availability</b>	Crown Victoria/Grand Marquis/ Lincoln Town Car

## PASSENGER CARS / MPV

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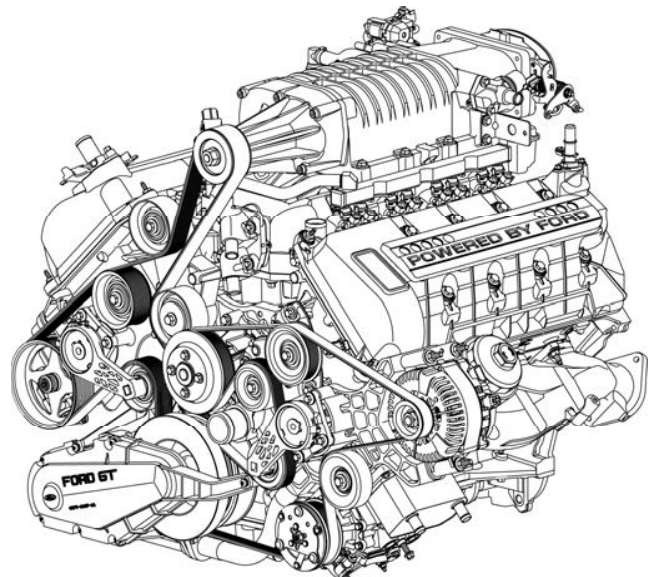
### 4.6L 3V, V-8 Engine (OHC)

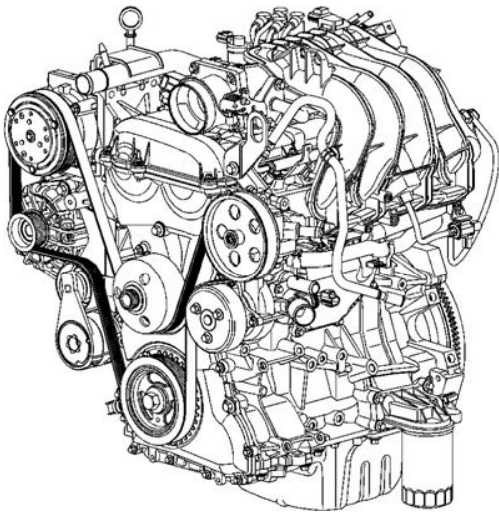
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Romeo, Michigan
<b>Engine Type</b>	8-Cylinder; 90°V, Single Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	<b>300 @ 5750</b>
<b>Torque (ft. lb. @ rpm)</b>	<b>320 @ 4500</b>
<b>Displacement</b>	4.6 liters
<b>Bore and Stroke (mm)</b>	90.2 x 90.0
<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>	3
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Dual with Catalyst System
<b>Ignition System</b>	Coil on Plug
<b>Availability</b>	Mustang



### 5.4L 4V S/C, V-8 FORD GT Engine

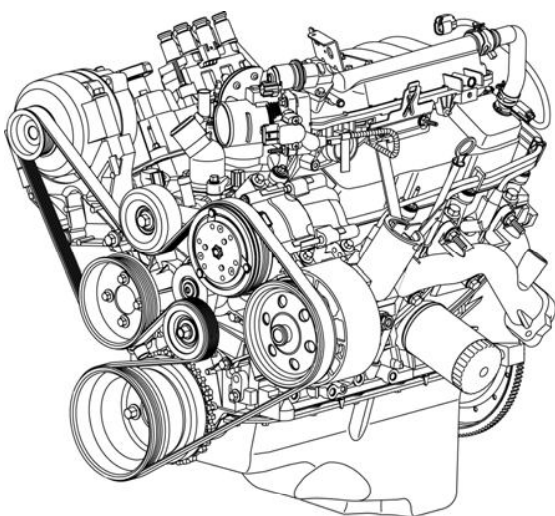
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Romeo, Michigan
<b>Engine Type</b>	8-Cylinder; 90°V, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	<b>550 @ 6500</b>
<b>Torque (ft. lb. @ rpm)</b>	<b>500 @ 3750</b>
<b>Displacement</b>	5.4 liters
<b>Bore and Stroke (mm)</b>	90.2 x 105.8
<b>Compression Ratio</b>	8.4:1
<b>Boost</b>	12 lbs.
<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>Engine Fluid Refill Capacity</b>	9.5 Quarts
<b>Engine fluid Recommendation</b>	XO-5W50-QGT
<b>Fuel Recommendation</b>	Premium Unleaded
<b>Exhaust</b>	Dual with Catalyst System
<b>Ignition System</b>	Coil on Plug
<b>Oiling System</b>	Dry Sump with Remote Oil Reservoir
<b>Induction System</b>	2.3L Lysholm Screw Type Supercharger Water to Air ChargeCooler
<b>Availability</b>	Ford GT





## 2.3L 4V, I-4 Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Dearborn, Michigan
<b>Engine Type</b>	4-Cylinder; In-Line, Dual Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	143 @ 5250
<b>Torque (ft. lb. @ rpm)</b>	154 @ 3750
<b>Displacement</b>	2.3 liters
<b>Bore and Stroke (mm)</b>	87.5 x 94
<b>Compression Ratio</b>	9.7:1
<b>Engine Management</b>	Spanish Oak 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 Catalyst System
<b>Ignition System</b>	Coil Pack
<b>Availability</b>	Ranger



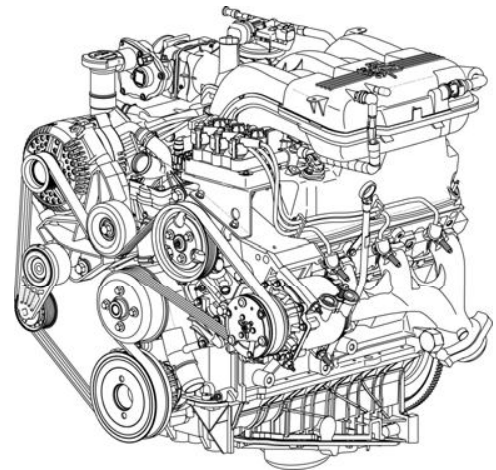
## 3.0L 2V, V-6 "VULCAN" Engine

<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>	Ranger (Gas & FFV) 148 @ 4900
<b>Torque (ft. lb. @ rpm)</b>	Ranger (Gas & FFV) 180 @ 3950
<b>Displacement</b>	3.0 liters
<b>Bore and Stroke (mm)</b>	88.9 x 78.7
<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 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>Ignition System</b>	Coil Pack
<b>Availability</b>	Ranger Regular, SuperCab 4x2/4x4

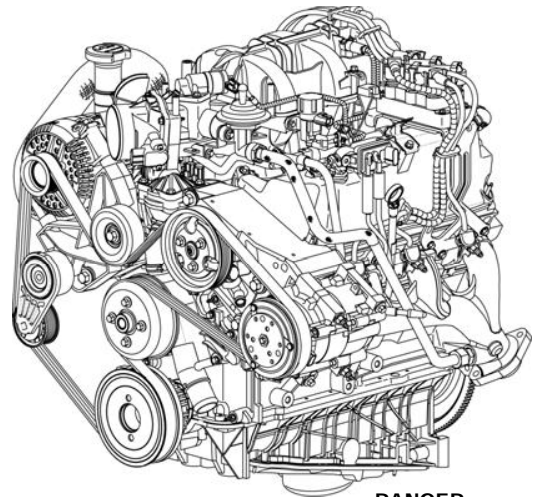
# LIGHT TRUCKS / MPV

## 4.0L 2V, V-6 Engine (SOHC)

<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/Mountaineer Auto Trans	210 @ 5100
Ranger Auto Trans	207 @ 5250
<b>Torque (ft. lb. @ rpm)</b>	
Explorer/Mountaineer Auto Trans	254 @ 3700
Ranger Auto Trans	238 @ 3000
<b>Displacement</b>	4.0 liters
<b>Bore and Stroke (mm)</b>	99.06 x 83.82
<b>Compression Ratio</b>	9.7:1
<b>Engine Management</b>	Spanish Oak Powertrain Control Module
Explorer/Mountaineer	P-Tech
Ranger	Spanish Oak 170 PIN Power PC Powertrain Control Module
<b>Main Bearings</b>	4
<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>Ignition System</b>	Coil Pack
<b>Availability</b>	Explorer, Explorer Sport Trac Mountaineer, Ranger



EXPLORER

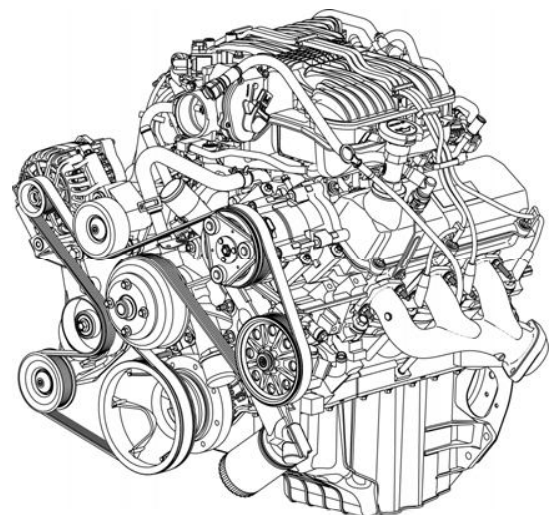


RANGER

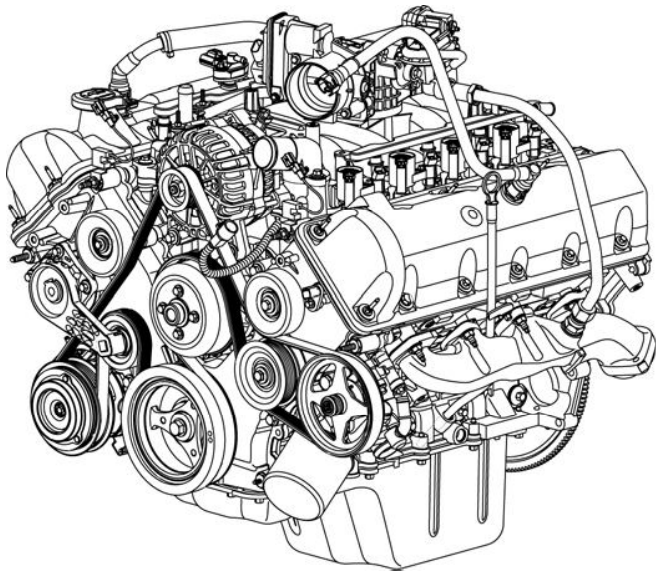
ENGINE LINEUP  
North American Markets

## 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>	202 @ 4350
<b>Torque (ft. lb. @ rpm)</b>	260 @ 3750
<b>Displacement</b>	4.2 liters
<b>Bore and Stroke (mm)</b>	96.82 x 95.0
<b>Compression Ratio</b>	9.2:1
<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>Ignition System</b>	Coil Pack
<b>Availability</b>	F-150, 4X2 only

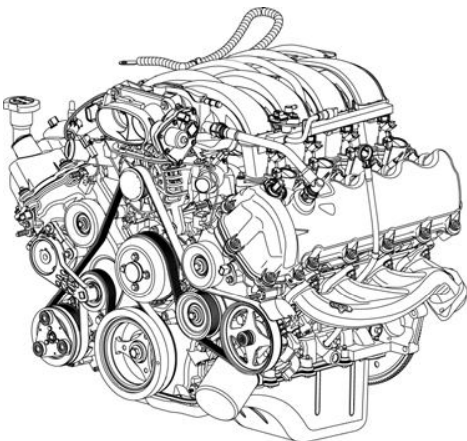


## 4.6L 2V, V-8 "TRITON" Engine



<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Romeo, Michigan
<b>Engine Type</b>	8-Cylinder; 90°V, Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
F150	231 @ 4750
E150/E250	225 @ 4800
<b>Torque (ft. lb. @ rpm)</b>	
F150	293 @ 3500
E150/E250	286 @ 3500
<b>Displacement</b>	4.6 liters
<b>Bore and Stroke (mm)</b>	90.2 x 90.0
<b>Compression Ratio</b>	9.3:1
<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>Ignition System</b>	Coil on Plug
<b>Availability</b>	F150, E150/E250

## 4.6L 3V, V-8 Engine (OHC)

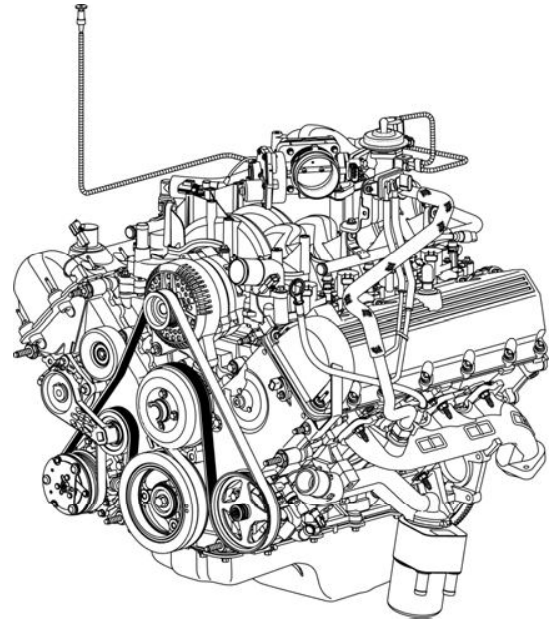


<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Romeo, Michigan
<b>Engine Type</b>	8-Cylinder; 90°V, Single Overhead Cam
<b>Block</b>	Aluminum
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	<b>292 @ 5750</b>
<b>Torque (ft. lb. @ rpm)</b>	<b>320 @ 4500</b>
<b>Displacement</b>	4.6 liters
<b>Bore and Stroke (mm)</b>	90.2 x 90.0
<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>	3
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Dual with Catalyst System
<b>Ignition System</b>	Coil on Plug
<b>Availability</b>	Explorer, Mountaineer, Sport Trac

## LIGHT TRUCKS / MPV

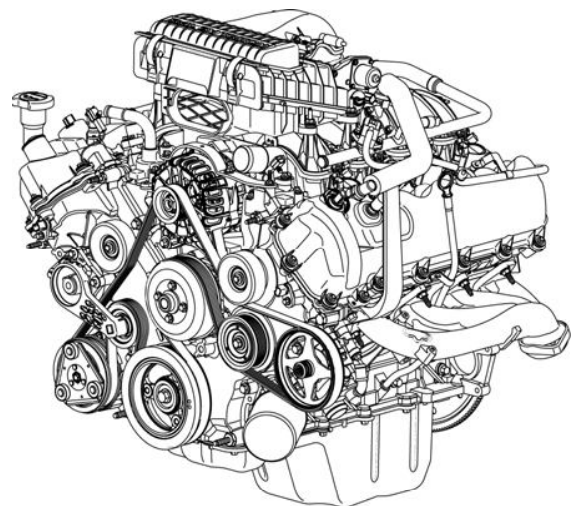
### 5.4L 2V, V-8 "TRITON" Engine

<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>	255 @ 4500
<b>Torque (ft. lb. @ rpm)</b>	350 @ 2500
<b>Displacement</b>	5.4 liters
<b>Bore and Stroke (mm)</b>	90.2 x 105.8
<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>Ignition System</b>	Coil on Plug
<b>Availability</b>	E-Series

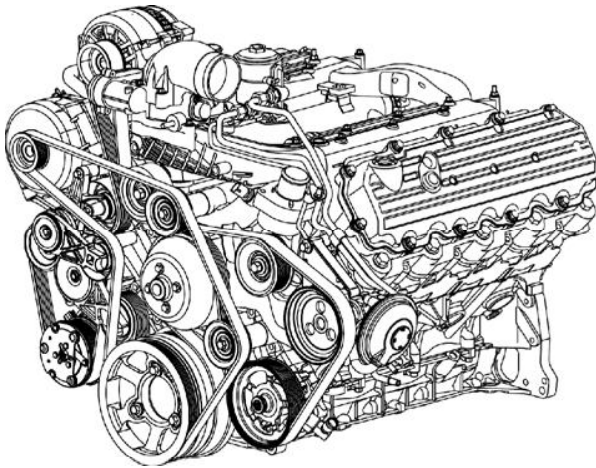


### 5.4L 3V, V-8 "TRITON" Engine

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Windsor, Ontario, Canada
<b>Engine Type</b>	8-Cylinder; 90°V, Single Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	300 @ 5000
<b>Torque (ft. lb. @ rpm)</b>	365 @ 3750
<b>Displacement</b>	5.4 liters
<b>Bore and Stroke (mm)</b>	90.2 x 105.8
<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>	3 (2 intake, 1 exhaust)
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded F-Series, Expedition Premium fuel Navigator only
<b>Exhaust</b>	Single Catalyst System
<b>Ignition System</b>	Coil on Plug
<b>Availability</b>	F-150, Super Duty, Navigator, Expedition, Mark LT

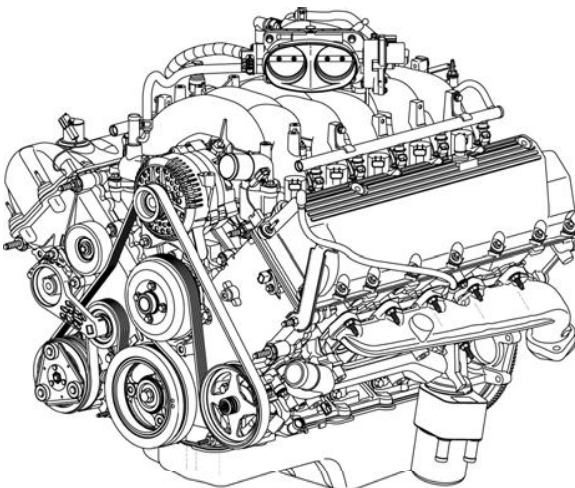


## 6.0L Diesel Engine



<b>Manufacturer/Assy. Plant</b>	Navistar International Truck & Engine Corp. Indianapolis, Indiana and Huntsville, Alabama
<b>Engine Type</b>	
<b>Block</b>	Gray Cast Iron
<b>Head</b>	Gray Cast Iron
<b>Horsepower (@ rpm)</b>	325 @ 3400
<b>Torque (ft. lb. @ rpm)</b>	560 @ 2000
<b>Displacement</b>	6.01 liters
<b>Bore and Stroke (inches)</b>	4.11 x 4.18
<b>Compression Ratio</b>	17.1:1
<b>Engine Management</b>	Electronic Closed Feedback Loop, OBDII
<b>Main Bearings</b>	Standard Flat Oil-Film
<b>Valve Lifters</b>	Hydraulic
<b>Valves per Cylinder</b>	4
<b>Fuel Induction</b>	Hydraulic Operated, High-Pressure Fuel Injection Electronically Controlled Variable-Vane Turbocharger
<b>Fuel Recommendation</b>	Standard Diesel
<b>Exhaust</b>	Oxidation Catalyst allowing NOx <3.0 gm/hp-hr Particules <0.095 gm/hp-hr
<b>Ignition System</b>	Glow Plug System
<b>Availability</b>	Super Duty, Econoline

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



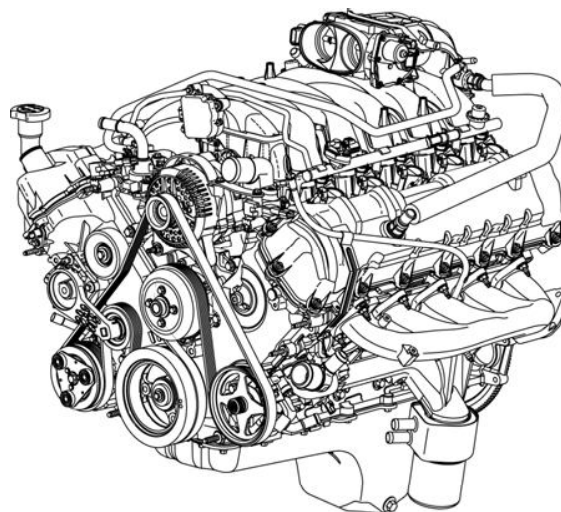
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Windsor, Ontario
<b>Engine Type</b>	10-Cylinder, 90°V, Single Overhead Cam
<b>Block</b>	Cast Iron
<b>Head</b>	Aluminum
<b>Horsepower (@ rpm)</b>	
<b>6.8L 2V, E-Series</b>	305 @ 4250
<b>Torque (ft. lb. @ rpm)</b>	
<b>6.8L 2V, E-Series</b>	420 @ 3250
<b>Displacement</b>	6.8 liters
<b>Bore and Stroke (mm)</b>	90.2 x 105.8
<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 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>Ignition System</b>	Coil on Plug
<b>Availability</b>	E-350 Van/Wagon, E-350/450 Chassis/Cutaway

## LIGHT TRUCKS / MPV

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### 6.8L 3V, 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>	362 @ 4750
<b>Torque (ft. lb. @ rpm)</b>	457 @ 3250
<b>Displacement</b>	6.8 liters
<b>Bore and Stroke (mm)</b>	90.2 x 105.8
<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 Adjuster with Roller Follower
<b>Valves per Cylinder</b>	3
<b>Fuel Induction</b>	Sequential Multiport Fuel Injection
<b>Fuel Recommendation</b>	Regular Unleaded
<b>Exhaust</b>	Single with Catalyst System
<b>Ignition System</b>	Coil on Plug
<b>Availability</b>	F-Series 250/350/450, Motorhome



ENGINE LINEUP  
North American Markets

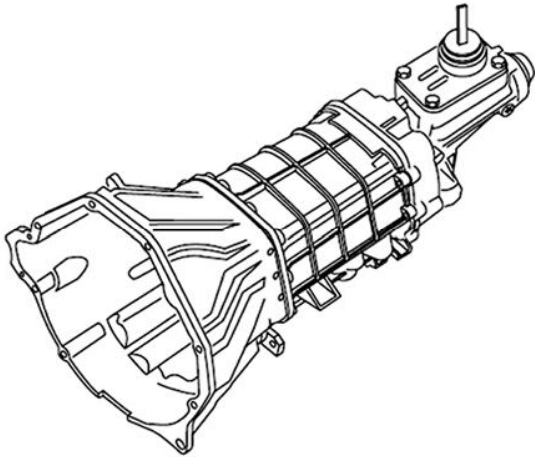


2007

GENERAL SPECIFICATIONS  
FOR  
PASSENGER CARS/LIGHT TRUCKS

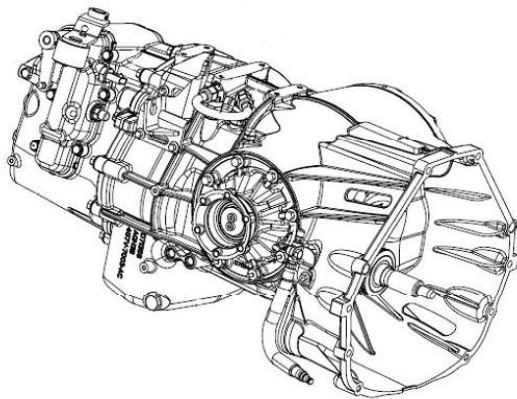
**Transmission and  
Transaxle Lineup**

TRANSMISSION/TRANSAXLE LINEUP  
North American Markets



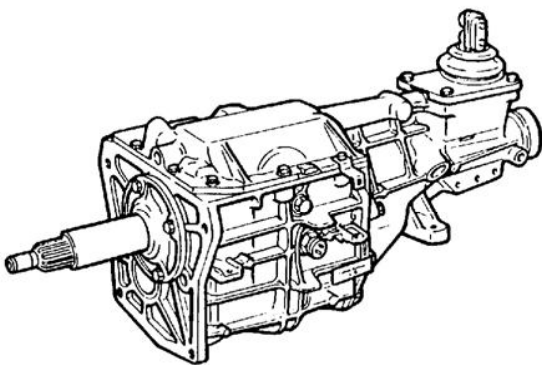
## TR 3650 Manual Transmission

<b>Manufacturer/Assy. Plant</b>	Tremec Queretaro, Mexico												
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission												
<b>Gear Ratios</b> Mustang GT	<table border="0"> <tr> <td><b>1st</b></td> <td><b>2nd</b></td> <td><b>3rd</b></td> <td><b>4th</b></td> <td><b>5th</b></td> <td><b>Rev.</b></td> </tr> <tr> <td>3.38</td> <td>2.00</td> <td>1.32</td> <td>1.00</td> <td>0.62</td> <td>3.38</td> </tr> </table>	<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>Rev.</b>	3.38	2.00	1.32	1.00	0.62	3.38
<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>Rev.</b>								
3.38	2.00	1.32	1.00	0.62	3.38								
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	3.6 Liters MERCON® only												
<b>Availability</b>	Mustang GT, Mach I												



## GT 650/6 Manual Transmission

<b>Manufacturer/Assy. Plant</b>	Ricardo Brackley, England														
<b>Transmission Type</b>	6-Speed Manual Overdrive Transmission														
<b>Gear Ratios</b>	<table border="0"> <tr> <td><b>1st</b></td> <td><b>2nd</b></td> <td><b>3rd</b></td> <td><b>4th</b></td> <td><b>5th</b></td> <td><b>6th</b></td> <td><b>Rev.</b></td> </tr> <tr> <td>2.611</td> <td>1.708</td> <td>1.233</td> <td>0.943</td> <td>0.767</td> <td>0.625</td> <td>3.135</td> </tr> </table>	<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>6th</b>	<b>Rev.</b>	2.611	1.708	1.233	0.943	0.767	0.625	3.135
<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>6th</b>	<b>Rev.</b>									
2.611	1.708	1.233	0.943	0.767	0.625	3.135									
<b>Final Drive</b>	3.364:1														
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	4.0 Liters XT-75W90-QGT														
<b>Availability</b>	Ford GT														

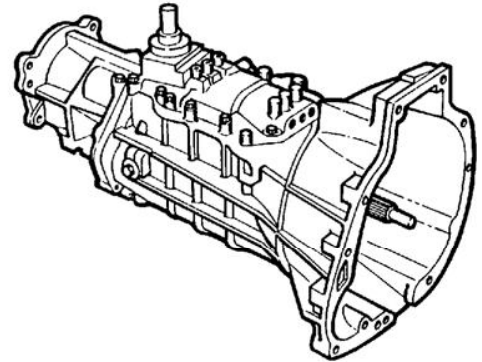


## T50D Manual Transmission

<b>Manufacturer/Assy. Plant</b>	Borg Warner Muncie, Indiana												
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission												
<b>Gear Ratios</b> Mustang LX	<table border="0"> <tr> <td><b>1st</b></td> <td><b>2nd</b></td> <td><b>3rd</b></td> <td><b>4th</b></td> <td><b>5th</b></td> <td><b>Rev.</b></td> </tr> <tr> <td>3.35</td> <td>1.99</td> <td>1.33</td> <td>1.00</td> <td>0.68</td> <td>3.15</td> </tr> </table>	<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>Rev.</b>	3.35	1.99	1.33	1.00	0.68	3.15
<b>1st</b>	<b>2nd</b>	<b>3rd</b>	<b>4th</b>	<b>5th</b>	<b>Rev.</b>								
3.35	1.99	1.33	1.00	0.68	3.15								
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	2.7 Liters MERCON®												
<b>Availability</b>	Mustang												

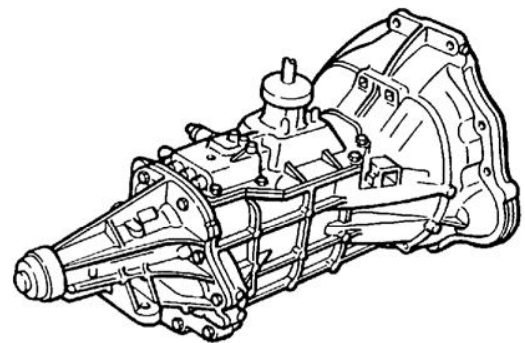
## M5OD-R1 Manual Transmission

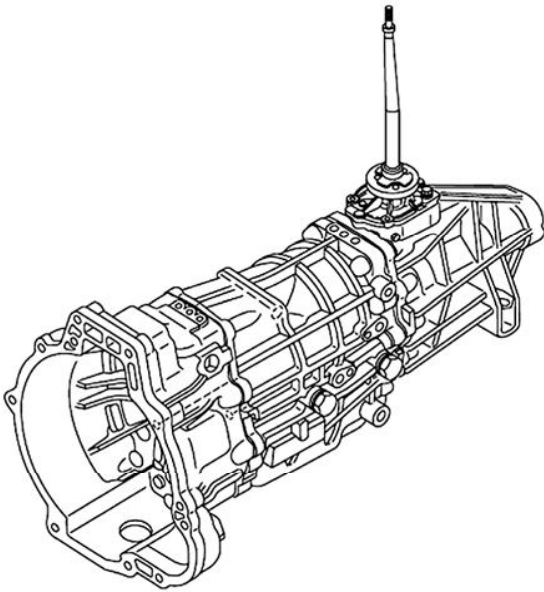
<b>Manufacturer/Assy. Plant</b>	Mazda Hofu, Japan
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission
<b>Gear Ratios</b> 2.3L, 3.0L	1st 2nd 3rd 4th 5th Rev. 3.72 2.20 1.50 1.00 0.79 3.40
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	2.65 Liters MERCON®
<b>Availability</b>	Ranger



## M5OD-R2 Manual Transmission

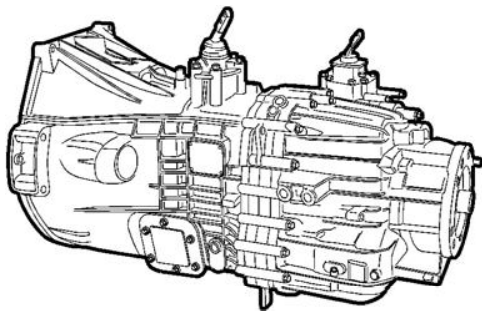
<b>Manufacturer/Assy. Plant</b>	Mazda Hofu, Japan
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th Rev. 3.91 2.25 1.49 1.00 0.80 3.40
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	3.55 Liters MERCON®
<b>Availability</b>	F-Series, F150/F250 (under 8500 GVW)





## M5OD-R4 Manual Transmission

<b>Manufacturer/Assy. Plant</b>	Mazda Hofu, Japan
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission
<b>Gear Ratios</b> 4.0L SOHC	1st 2nd 3rd 4th 5th Rev. 3.375 2.041 1.304 1.000 0.784 3.478
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	2.40 Liters MERCON®
<b>Availability</b>	Ranger



## M5HD Manual Transmission

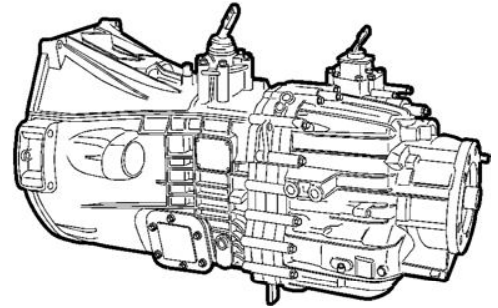
<b>Manufacturer/Assy. Plant</b>	ZF Industries Gainesville, Georgia
<b>Transmission Type</b>	5-Speed Manual Overdrive Transmission - HD
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th Rev. 5.72 2.94 1.61 1.00 0.76 5.24
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	3.2 Liters MERCON®
<b>Availability</b>	F-Series Super Duty 250/350/450/550 equipped with gas engines

# PASSENGER CARS AND LIGHT TRUCKS

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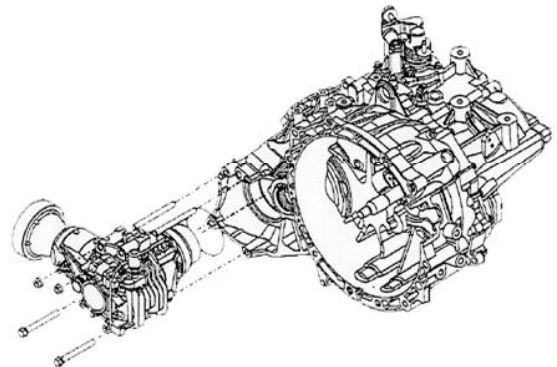
## M6HD Manual Transmission

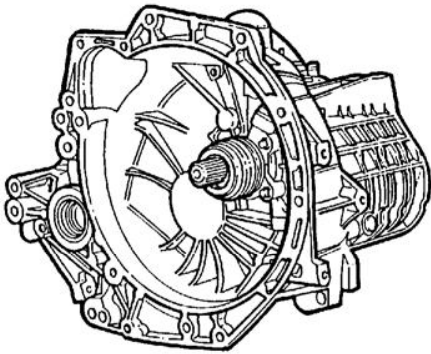
<b>Manufacturer/Assy. Plant</b>	ZF Industries Gainesville, Georgia
<b>Transmission Type</b>	6-Speed Manual Overdrive Transmission - HD
<b>Gear Ratios</b>	6-Speed 1st 2nd 3rd 4th 5th Rev. 5.79 3.31 2.10 1.31 1.00 0.72 5.23
<b>Fluid Refill Capacity</b>	5.5 Liters
<b>Fluid Recommendation</b>	MERCON®
<b>Availability</b>	F-Series Super Duty 250/350/450/550 equipped with diesel engines



## MF50A Manual Transaxle

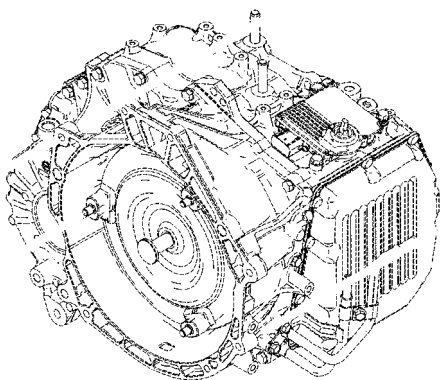
<b>Manufacturer/Assy. Plant</b>	Aichi Machine Industries
<b>Transmission Type</b>	5-Speed Manual Overdrive Transaxle
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th Rev. 3.50 1.94 1.25 0.94 0.80 3.37
<b>Fluid Refill Capacity</b>	2.3 Liters
<b>Fluid Recommendation</b>	75w90 Gear Oil
<b>Availability</b>	Escape





## 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" style="display: inline-table;"> <tr> <td>1st</td> <td>2nd</td> <td>3rd</td> <td>4th</td> <td>5th</td> <td>Rev.</td> </tr> <tr> <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> </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>	Full Synthetic MERCON® XT M5-QS												
<b>Availability</b>	Focus												



## G5M Manual Transaxle

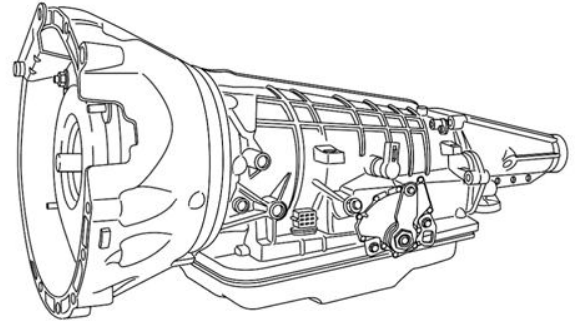
<b>Manufacturer/Assy. Plant</b>	Mazda												
<b>Transmission Type</b>	5 Speed Manual O/D												
<b>Gear Ratios</b>	<table border="0" style="display: inline-table;"> <tr> <td>1st</td> <td>2nd</td> <td>3rd</td> <td>4th</td> <td>5th</td> <td>Rev.</td> </tr> <tr> <td>3.5</td> <td>1.94</td> <td>1.25</td> <td>.94</td> <td>.80</td> <td>3.37</td> </tr> </table>	1st	2nd	3rd	4th	5th	Rev.	3.5	1.94	1.25	.94	.80	3.37
1st	2nd	3rd	4th	5th	Rev.								
3.5	1.94	1.25	.94	.80	3.37								
<b>Fluid Refill Capacity</b>	3 Qts.												
<b>Fluid Recommendation</b>	75-90W Gear Oil												
<b>Availability</b>	Fusion, Milan												

# PASSENGER CARS AND LIGHT TRUCKS

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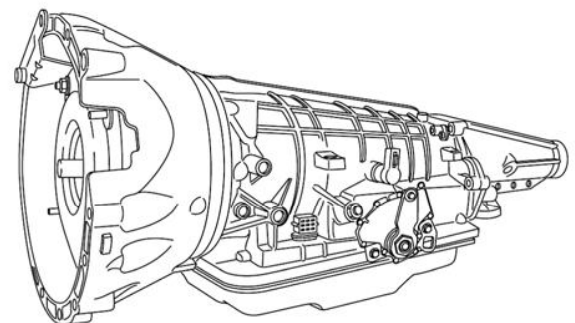
## 5R44E Automatic Transmission

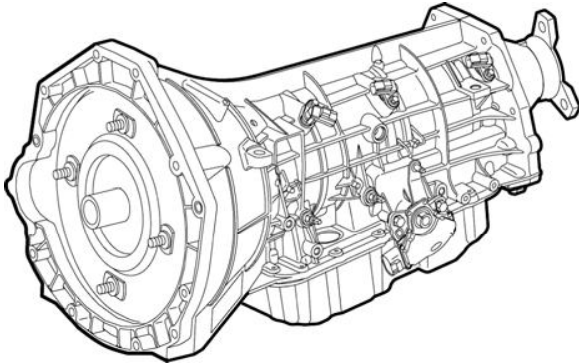
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Bordeaux, France
<b>Transmission Type</b>	5-Speed Automatic Overdrive Electronically Controlled Transmission
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th Rev. 2.47 1.87 1.47 1.00 0.75 2.10
<b>Gear Range Selection</b>	P - R - OD - 2 - 1
<b>Fluid Refill Capacity</b>	Ranger 2.3L 4x2 - 9.4 Liters (9.9 qts.) Ranger 3.0L 4x2 - 9.5 Liters (10.0 qts.) Ranger 3.0L 4x4 - 9.8 Liters (10.3 qts.)
<b>Fluid Recommendation</b>	MERCON® V
<b>Availability</b>	Ranger Regular Cab 4x2 - 2.3L Ranger Regular Cab 4x2 - 3.0L Ranger Regular Cab 4x4 - 3.0L Ranger SuperCab 4x2 - 3.0L Ranger SuperCab 4x4 - 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>	1st 2nd 3rd 4th 5th Rev. 2.47 1.87 1.47 1.00 0.75 2.10
<b>Gear Range Selection</b>	P - R - OD - 2 - 1
<b>Fluid Refill Capacity</b>	Ranger 4x2 - 9.5 Liters (10 qts.) Ranger 4x4 - 9.8 Liters (10.3 qts.)
<b>Fluid Recommendation</b>	MERCON® V
<b>Availability</b>	Ranger - 4.0L SOHC

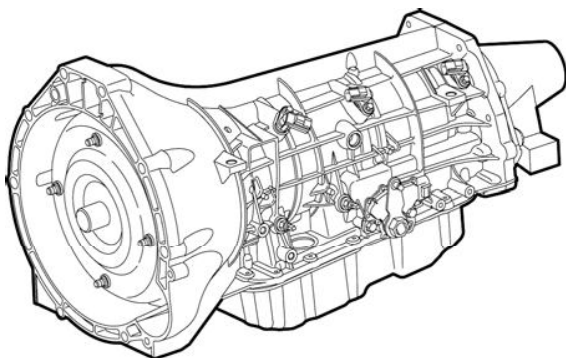




## 5R55S Automatic Transmission (Car)

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Sharonville, Ohio												
<b>Transmission Type</b>	5-Speed Automatic Overdrive Electronically Controlled Transmission												
<b>Gear Ratios</b>	<table border="0" style="display: inline-table;"> <tr> <td>1st</td> <td>2nd</td> <td>3rd</td> <td>4th</td> <td>5th</td> <td>Rev.</td> </tr> <tr> <td>3.25</td> <td>2.29</td> <td>1.55</td> <td>1.00</td> <td>0.71</td> <td>3.07</td> </tr> </table>	1st	2nd	3rd	4th	5th	Rev.	3.25	2.29	1.55	1.00	0.71	3.07
1st	2nd	3rd	4th	5th	Rev.								
3.25	2.29	1.55	1.00	0.71	3.07								
<b>Gear Range Selection</b>	P - R - N - D - 3 - 2 - 1												
<b>Fluid Refill Capacity</b>	4.0L/4.6L - 11.2 Liters (11.9 qts.)												
<b>Fluid Recommendation</b>	MERCON® V												
<b>Availability</b>	Mustang 4.0L/4.6L*												

\* Mustang built in Bordeaux  
\*\* Model/Vehicle Dependent



## 5R55S Automatic Transmission (Truck)

<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 border="0" style="display: inline-table;"> <tr> <td>1st</td> <td>2nd</td> <td>3rd</td> <td>4th</td> <td>5th</td> <td>Rev.</td> </tr> <tr> <td>3.22</td> <td>2.29</td> <td>1.55</td> <td>1.00</td> <td>0.71</td> <td>3.07</td> </tr> </table>	1st	2nd	3rd	4th	5th	Rev.	3.22	2.29	1.55	1.00	0.71	3.07
1st	2nd	3rd	4th	5th	Rev.								
3.22	2.29	1.55	1.00	0.71	3.07								
<b>Fluid Refill Capacity</b>	Explorer, Mountaineer 4x2/4x4 11.7L (12.4 qts)												
<b>Fluid Recommendation</b>	MERCON® V												
<b>Availability</b>	Explorer 4 Dr. 4x2/4x4 - 4.0L Mountaineer 4 Dr. 4x2/4x4 - 4.0L Explorer Sport Trac 4x2/4x4 - 4.0L												

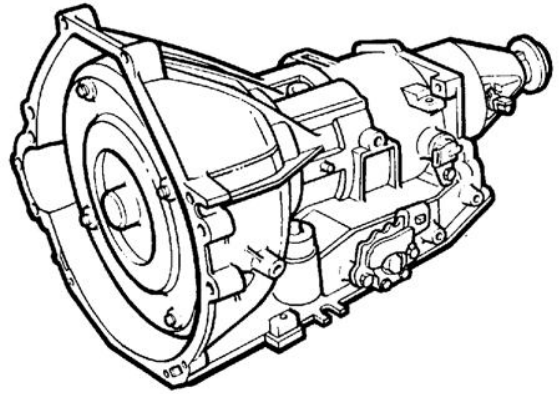
TRANSMISSION/TRANSAXLE LINEUP  
North American Markets

# PASSENGER CARS AND LIGHT TRUCKS

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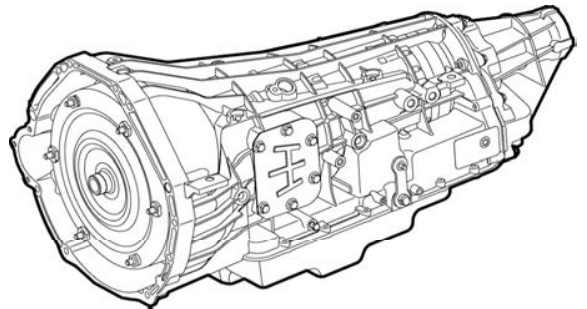
## 4R75E Automatic Transmission

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Livonia, Michigan Sharonville, Ohio
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transmission — Electronic
<b>Gear Ratios</b>	1st 2nd 3rd 4th Rev. 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>	13.2 Liters (14.0 qts.) 12.0 Liters (12.8 qts.) — Police 4.6L Mustang, Town Car with handling package
<b>Fluid Recommendation</b>	MERCON® V
<b>Availability</b>	<ul style="list-style-type: none"><li>• Town Car</li><li>• Crown Victoria, Grand Marquis</li><li>• F-150</li><li>• E-Series</li></ul>

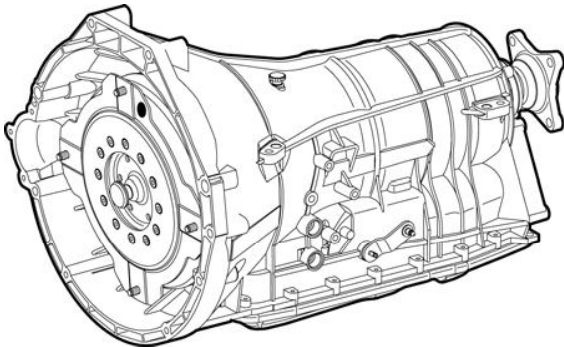


## TorqShift Automatic Transmission

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Sharonville, Ohio
<b>Transmission Type</b>	5-Speed Automatic Overdrive* Transmission — Electronic PTO optional on F-Super Duty, LCF
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th 6th Rev. 3.114 2.202 1.538 1.10 1-1 .707 2.88
<b>Gear Range Selection</b>	P – R – N – OD – 3 – 2 – 1
<b>Fluid Refill Capacity</b>	4x2/4x4 - 16.6 Liters (17.5 qts.)
<b>Fluid Recommendation</b>	MERCON® SP
<b>Availability</b>	All F-Super Duty, Chassis Cab, Stripped Chassis, Econoline, Motorhome, LCF 5.4L, 6.8L, 6.0L, 4.5L

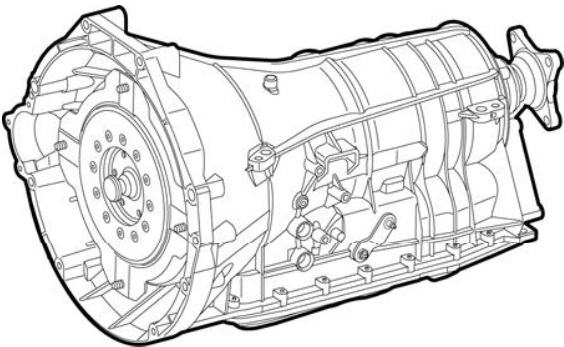


\* 6 available ratios only 5 used on any shift. Shift schedule temperature dependent.



## 6HP26 6 Speed Automatic Transmission

<b>Manufacturer/Assy. Plant</b>	ZF Industries Saarbrücken, Germany
<b>Transmission Type</b>	6-Speed Automatic Transmission
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th 6th Rev. 4.71 2.34 1.52 1.14 0.87 0.69 3.40
<b>Gear Range Selection</b>	P – R – N – D6/D4 – 3 – 2 – 1
<b>Fluid Refill Capacity</b>	9 Liters
<b>Fluid Recommendation</b>	MERCON® 'SP'
<b>Availability</b>	Navigator



## 6R60/75 Automatic Transmission

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Livonia, MI Livonia Transmission Plant
<b>Transmission Type</b>	6-Speed Automatic Transmission
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th 6th Rev. 4.17 2.34 1.52 1.14 0.87 0.69 3.40
<b>Gear Range Selection</b>	P – R – N – D – 3 – 2 – 1
<b>Fluid Refill Capacity</b>	10.5 Liters
<b>Fluid Recommendation</b>	MERCON® 'SP'
<b>Availability</b>	Explorer, Expedition

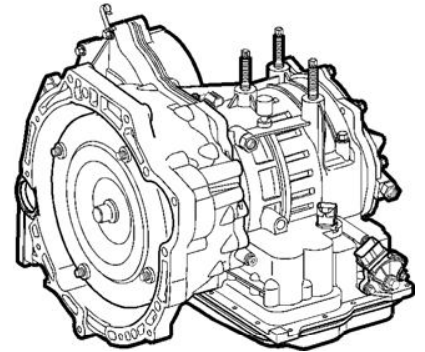
TRANSMISSION/TRANSAXLE LINEUP  
North American Markets

# PASSENGER CARS AND LIGHT TRUCKS

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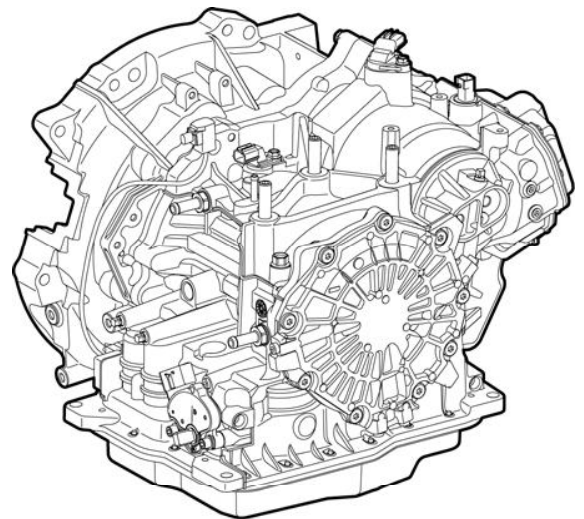
## 4F27E Automatic Transaxle

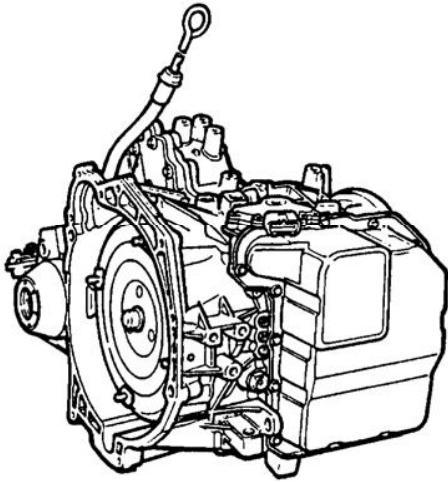
<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Sterling Heights, Michigan Van Dyke Plant
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transaxle — Electronic
<b>Gear Ratios</b>	1st 2nd 3rd 4th Rev. 2.80 1.49 1.00 0.73 2.65
<b>Gear Range Selection</b>	P – R – N – D – 2 – 1 (O/D switch on selector lever)
<b>Fluid Refill Capacity</b>	6.7 Liters (7.0 qts.)
<b>Fluid Recommendation</b>	MERCON® V
<b>Availability</b>	Focus



## FNR5 Automatic Transaxle

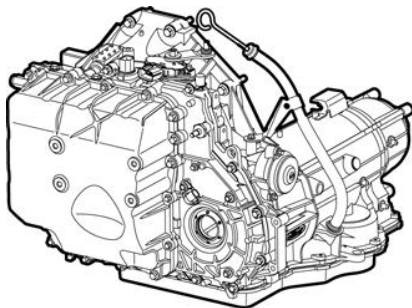
<b>Manufacturer/Assy. Plant</b>	Mazda, Japan
<b>Transmission Type</b>	5-Speed Automatic Overdrive Transaxle — Electronic
<b>Gear Ratios</b>	1st 2nd 3rd 4th 4th Rev. 3.61 1.92 1.28 0.93 0.69 3.40
<b>Gear Range Selection</b>	P – R – N – D – 2 – 1
<b>Fluid Refill Capacity</b>	6.7L (7.0 qts.)
<b>Fluid Recommendation</b>	MAZDA V A
<b>Availability</b>	Fusion, Milan





## CD4E Automatic Transaxle

<b>Manufacturer/Assy. Plant</b>	Batavia Transmission, L.L.C. Batavia, Ohio										
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transaxle — Electronic										
<b>Gear Ratios</b>	<table border="0"> <tr> <td>1st</td> <td>2nd</td> <td>3rd</td> <td>4th</td> <td>Rev.</td> </tr> <tr> <td>2.89</td> <td>1.57</td> <td>1.00</td> <td>0.69</td> <td>2.31</td> </tr> </table>	1st	2nd	3rd	4th	Rev.	2.89	1.57	1.00	0.69	2.31
1st	2nd	3rd	4th	Rev.							
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> <b>Fluid Recommendation</b>	9.6 Liters (10.2 qts.) MERCON®										
<b>Availability</b>	Escape, Mariner										



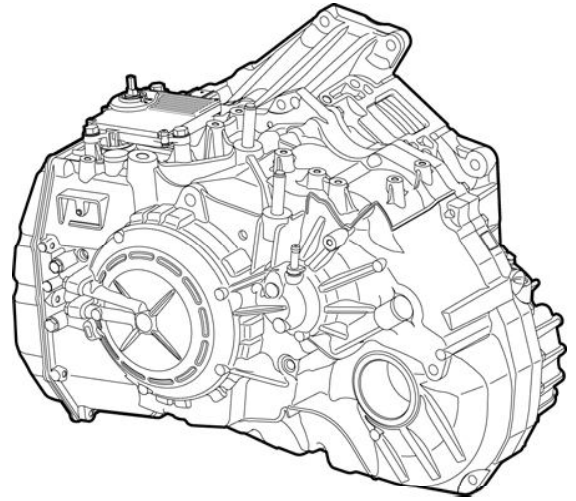
## 4F50N Automatic Transaxle

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Sterling Heights, Michigan Van Dyke Plant										
<b>Transmission Type</b>	4-Speed Automatic Overdrive Transaxle — Electronic										
<b>Gear Ratios</b>	<table border="0"> <tr> <td>1st</td> <td>2nd</td> <td>3rd</td> <td>4th</td> <td>Rev.</td> </tr> <tr> <td>2.77</td> <td>1.54</td> <td>1.00</td> <td>0.69</td> <td>2.26</td> </tr> </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>	P - R - N - D - 3 - 1										
<b>Fluid Refill Capacity</b>	3.0L 2V - 12.6 Liters (13.3 qts.) 3.9L - 12.6 Liters (13.3 qts.) 4.2L - 12.6 Liters (13.3 qts.)										
<b>Fluid Recommendation</b>	MERCON® V										
<b>Availability</b>	Taurus, Freestar, Monterey										

## AWF21 6 Speed Automatic Transaxle

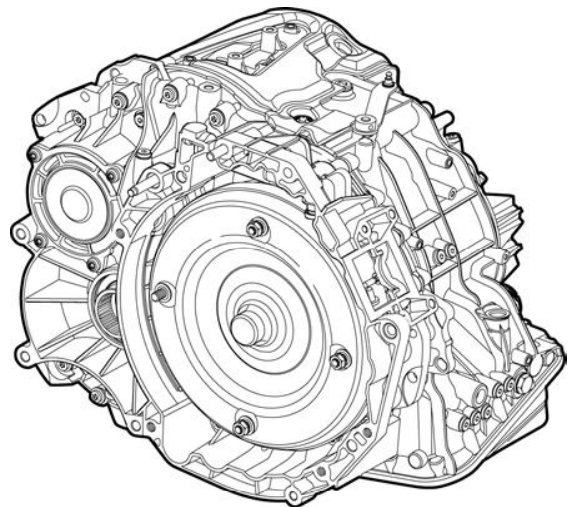
<b>Manufacturer/Assy. Plant</b>	Aisin Japan
<b>Transmission Type</b>	6-Speed Automatic Transmission
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th 6th Rev. 4.15 2.37 1.56 1.15 0.86 0.69 3.39
<b>Gear Range Selection</b>	P – R – N – D – L
<b>Fluid Refill Capacity</b>	7.0L - (7.4 qts.)
<b>Fluid Recommendation</b>	Premium ATF
<b>Availability</b>	Ford Five Hundred, Montego *Fusion/*Milan/*Zephyr

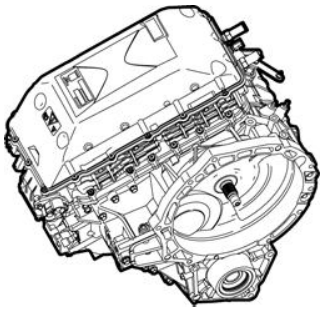
\* Note: Slightly different versions of AWF-21.



## CVT Continuously Variable Transaxle

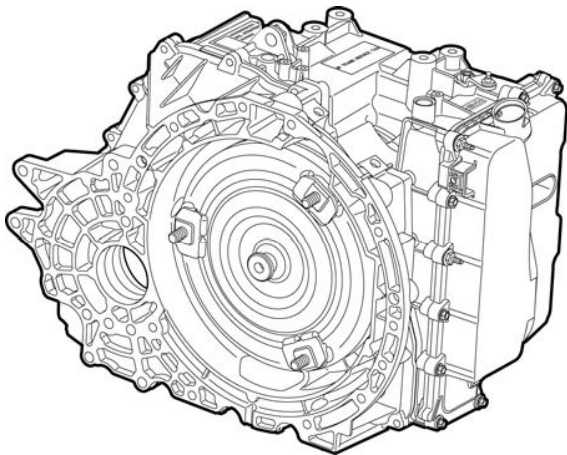
<b>Manufacturer/Assy. Plant</b>	Batavia Transmission, L.L.C. Batavia, Ohio
<b>Transmission Type</b>	CVT (Continuously Variable Transaxle)
<b>Gear Ratios</b>	Continuously Variable
<b>Fluid Refill Capacity</b>	9.5Liters (10 qts.)
<b>Fluid Recommendation</b>	Motorcraft Continuously Variable Chain Type Fluid
<b>Availability</b>	Ford Five Hundred, Freestyle, Montego





## Hybrid CVT

<b>Manufacturer/Assy. Plant</b>	Asin, Japan
<b>Transmission Type</b>	Hybrid CVT (Continuously Variable)
<b>Gear Ratios</b>	Continuously Variable
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	3.5 Liters (3.7 qts.) MERCON
<b>Availability</b>	Mariner / Escape Hybrid



## 6F50 Automatic Transaxle

<b>Manufacturer/Assy. Plant</b>	Ford Motor Company Sterling Heights, Michigan Van Dyke Plant
<b>Transmission Type</b>	6-Speed Automatic FWD & AWD
<b>Gear Ratios</b>	1st 2nd 3rd 4th 5th 6th Rev. 4.48 2.87 1.84 1.41 1.0 0.74 2.88
<b>Gear Range Selection</b>	P - R - N - D - L
<b>Fluid Refill Capacity</b> <b>Fluid Recommendation</b>	9.5 Liters (10.0 qts.) MERCON "V"
<b>Availability</b>	Edge, MKX

# TRANSMISSION/TRANSAXLE CODE DESIGNATIONS

TRANSMISSION AND TRANSAXLE LINEUP  
North American Markets

## Front Wheel Drive – Automatic Transaxles

4F50N	CD4E	4F27E
AWF 6 Speed	FNR5	CVT
6F50		

## Front Wheel Drive – Manual Transaxles

M5	MTX-75	GM5
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## Rear Wheel Drive – Automatic Transmissions

4R70/75E	5R44E	5R55E
5R55S	TorqShift	6HP26
CVT	6R60	6R75

## Rear Wheel Drive – Manual Transmissions

T5OD	TR 3650	M5OD-R1
M5OD-R2	M5HD-C	M5HD-WT5OD
M5	M6	M5OD-R4

## Code Translation


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

\* 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. DATE: 09/01 GVWR: 6700LB/3039KG  
 FRONT GAWR: 3400LB 1542KG REAR GAWR: 3800LB 1723KG  
 WITH P235/75R15XL TIRES WITH P235/75R15XL TIRES  
 13X6. OK RIMS 15X6. OK RIMS  
 AT 283 KPa/41 PSI COLD AT 283 KPa/41 PSI COLD  
 THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE  
 SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
 VIN: 1FTRE14L02HA22541 TYPE: TRUCK



EXT PNT: RQ RC: 89 DSO: F0276  
 WB BRK INT TR TP/PS R AXLE TR SPR 2E414 F0276  
 138 C C2 9 19 U HC E05 T0771  
 MADE IN U.S.A. ULC 2USA3S20472AA

### PASSENGER CAR APPLICATION

MFD. BY FORD MOTOR CO. IN U.S.A.  
 DATE: 04/02 GWR: 1641KG/3620LB  
 FRONT GAWR: 891KG/1965LB REAR GWR: 791KG/1745LB  
 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: 1FAFP34P62W284738 TYPE: PASSENGER  
 MAXIMUM LOAD = OCCUPANTS + LUGGAGE = 375KG/827LB  
 OCCUPANTS = 5 TOTAL OCCUPANTS LUGGAGE  
 2 FR, 3 RR 035KG/0077LB  
 TIRE: P195/60R15  
 PRESSURE(FR): 221 KPa/32 PSI COLD  
 PRESSURE(RR): 221 KPa/32 PSI COLD



TRAILER TOWING SEE OWNER GUIDE  
 EXT PNT: M9 RC: 89 DSO: F0041  
 BRK INT TR TP/PS R AXLE TR SPR 2AX1B R0040  
 C CH 3 PP 2 SOA  
 UBC 2U5A5420472AA

CODE	MANUAL TRANSMISSION
J	Manual 5-Speed Overdrive (MAZDA R1)
R	Manual 5-Speed Overdrive (MAZDA R2)
C	Manual 5-Speed Overdrive (Close Ratio)
W	Manual 5-Speed Overdrive (DANA ZF)
G	Manual 6-Speed ZF
AUTOMATIC TRANSMISSION	
H	One Speed Electric
D	Automatic 5-Speed Overdrive (5R44E/5R55E)
V	Automatic 5-Speed Overdrive (5R55S)
T/B*	TorqShift
Q	Automatic 4-Speed Overdrive (4R75E)
G	6 Speed Automatic (6HP26)
X	6 Speed Automatic (6R60)
C	6 Speed Automatic (6R75)

FRONT WHEEL DRIVE	
CODE	MANUAL TRANSAXLE
5	5-Speed Overdrive (G5M)
Z	5-Speed Overdrive (MTX75)
W	5-Speed Overdrive (M5)
3	5-Speed AKK
AUTOMATIC TRANSAXLE	
2	4-Speed Overdrive (4F27E)
N	4-Speed Overdrive (4F50N)
4	4-Speed Overdrive (CD4E)
C	5-Speed Overdrive (FNR5)
B	6 Speed AWF 21
C	CVT
J	6 Speed Overdrive (6F50)
H	Hybrid/CVT
A	6 Speed (AISIN)

REAR WHEEL DRIVE	
CODE	MANUAL TRANSAXLE
E	6-Speed Manual
5	5-Speed MAZDA (M5)
F	5-Speed 3150
K	5-Speed 3650
AUTOMATIC TRANSMISSION	
Q	4-Speed Overdrive (4R75E)
L	5-Speed Automatic (5R55S)

\* Model dependent based on engine GVW of truck

# VEHICLE IDENTIFICATION NUMBER

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

1FA BP40M2NX100001

VIN CODE 1ST-2ND-3RD POSITIONS	VEHICLE MANUFACTURER	MAKE	TYPE
1F1	FORD MOTOR COMPANY, USA	FORD	MPV - LIMOUSINE
1F6	DETROIT CHASSIS LLC, USA	FORD	BASIC (STRIPPED) CHASSIS
1F7	MSX INTERNATIONAL DETROIT, MI, USA	FORD	PASSENGER CAR
1FA	FORD MOTOR COMPANY, USA	FORD	PASSENGER CAR
1FB	FORD MOTOR COMPANY, USA	FORD	BUS
1FC	FORD MOTOR COMPANY, USA	FORD	BASIC (STRIPPED) CHASSIS
1FD	FORD MOTOR COMPANY, USA	FORD	INCOMPLETE VEHICLE
1FM	FORD MOTOR COMPANY, USA	FORD	MPV
1FT	FORD MOTOR COMPANY, USA	FORD	TRUCK (COMPLETED VEHICLE)
1L1	FORD MOTOR COMPANY, USA	LINCOLN	PASSENGER CAR - LIMOUSINE
1LJ	FORD MOTOR COMPANY, USA	LINCOLN	INCOMPLETE VEHICLE
1LN	FORD MOTOR COMPANY, USA	LINCOLN	PASSENGER CAR
1ME	FORD MOTOR COMPANY, USA	MERCURY	PASSENGER CAR
1MH	FORD MOTOR COMPANY, USA	MERCURY	INCOMPLETE VEHICLE
2FA	FORD MOTOR COMPANY OF CANADA, LTD	FORD	PASSENGER CAR
2FD	FORD MOTOR COMPANY OF CANADA, LTD	FORD	INCOMPLETE VEHICLE
2FM	FORD MOTOR COMPANY OF CANADA, LTD	FORD	MPV
2FT	FORD MOTOR COMPANY OF CANADA, LTD	FORD	TRUCK (COMPLETED VEHICLE)
2ME	FORD MOTOR COMPANY OF CANADA, LTD	MERCURY	PASSENGER CAR
2MH	FORD MOTOR COMPANY OF CANADA, LTD	MERCURY	INCOMPLETE VEHICLE
2MR	FORD MOTOR COMPANY OF CANADA, LTD	MERCURY	MPV
3FA	FORD MOTOR COMPANY (MEXICO)	FORD	PASSENGER CAR
3FD	FORD MOTOR COMPANY (MEXICO)	FORD	INCOMPLETE VEHICLE
3FT	FORD MOTOR COMPANY (MEXICO)	FORD	TRUCK (COMPLETED VEHICLE)
3FN	BLUE DIAMOND TRUCK S. DE R.L. DE C.V.	FORD	TRUCK (COMPLETED VEHICLE)
3FR	BLUE DIAMOND TRUCK S. DE R.L. DE C.V.	FORDI	INCOMPLETE VEHICLE
4F2	FORD MOTOR COMPANY, USA	MAZDA	MPV
4F4	FORD MOTOR COMPANY, USA	MAZDA	TRUCK (COMPLETED VEHICLE)
4M2	FORD MOTOR COMPANY, USA	MERCURY	MPV
5L1	FORD MOTOR COMPANY, USA	LINCOLN	MPV - LIMOUSINE
5LM	FORD MOTOR COMPANY, USA	LINCOLN	MPV
5LT	FORD MOTOR COMPANY, USA	LINCOLN	TRUCK (COMPLETED VEHICLE)

## RESTRAINT SYSTEM TYPE

(VIN POSITION 4)

1FA B P40F2MZ100001

PASSENGER CAR IDENTIFIERS	VIN CODE
Active Belts (all designated seating positions) plus Driver and Passenger Air Bags - Applies to all Passenger Cars	F
Active Belts (all designated seating positions) Driver and Passenger Air Bags plus Driver and Passenger Side Air Bags, Curtains or Canopies	H

## MANUFACTURER SPECIFICATION

(VIN POSITION 5)

1FAB P 40M2MX100001

DESCRIPTION	VIN CODE
"Ford" make	P
"Lincoln" or "Mercury" make	M
All passenger cars imported from outside North America or non-Ford built passenger cars marketed by Ford	T

# VEHICLE IDENTIFICATION NUMBER

VIN CODE 5TH-6TH-7TH POSITIONS	VEHICLE LINE (Optional Nameplate)	BODY TYPE
<b>FORD DIVISION CAR LINES</b>		
23	SE FWD	4-DR. SEDAN <sup>2</sup>
24	SEL FWD	4-DR. SEDAN <sup>2</sup>
25	LIMITED FWD	4-DR. SEDAN
26	SE AWD	4-DR. SEDAN
27	SEL AWD	4-DR. SEDAN
28	LIMITED AWD	4-DR. SEDAN
31	FOCUS ZX3	3-DR. COUPE
34	FOCUS ZX4	4-DR. SEDAN
36	FOCUS ZXW	4-DR. WAGON
37	FOCUS ZX5	5-DR. SEDAN
38	FOCUS ST	4-DR. SEDAN
53	TAURUS SE	4-DR. SEDAN
56	TAURUS SE COMFORT	4-DR. SEDAN
70	CROWN VICTORIA FLEET - LWB	4-DR. SEDAN
71	CROWN VICTORIA POLICE INTERCEPTOR	4-DR. SEDAN
72	CROWN VICTORIA S - FLEET	4-DR. SEDAN
73	CROWN VICTORIA BASE	4-DR. SEDAN
74	CROWN VICTORIA LX	4-DR. SEDAN
80	MUSTANG	2-DR. COUPE
82	MUSTANG GT	2-DR. COUPE
84	MUSTANG	2-DR. CONVERTIBLE
85	MUSTANG GT	2-DR. CONVERTIBLE
90	FORD GT	2-DR. COUPE
P06	FUSION S	4-DR. SEDAN
P07	FUSION SE	4-DR. SEDAN
P08	FUSION SEL	4-DR. SEDAN
A50	FREESTAR	MPV
A51 <sup>1</sup>	FREESTAR SE - 4X2	MPV
A52 <sup>1</sup>	FREESTAR SEL - 4X2	MPV
A54	FREESTAR CARGO	Truck
A55 <sup>2</sup>	FREESTAR SE - 4X4	MPV
A56 <sup>2</sup>	FREESTAR SEL - 4X4	MPV
A67	FREESTAR SES, SPORT	MPV
A58	FREESTAR LIMITED	MPV
K01	FREESTYLE SE FWD	MPV
K02	FREESTYLE SEL FWD	MPV
K03	FREESTYLE LIMITED FWD	MPV
K04	FREESTYLE SE AWD	MPV
K05	FREESTYLE SEL AWD	MPV
K06	FREESTYLE LIMITED AWD	MPV

<sup>1</sup> Available in U.S. only

<sup>2</sup> Available in Canada only

VIN CODE 5TH-6TH-7TH POSITIONS	VEHICLE LINE (Optional Nameplate)	BODY TYPE
<b>FORD DIVISION CAR LINES (Continued)</b>		
K36	Edge SE FWD	MPV
K38	Edge SEL FWD	MPV
K39	Edge SEL Plus FWD	MPV
K46	Edge SE AWD	MPV
K48	Edge SEL AWD	MPV
K49	Edge SEL Plus AWD	MPV
U02	ESCAPE XLS - 4X2	MPV
U03	ESCAPE XLT - 4X2	MPV
U04	ESCAPE LIMITED - 4X2	MPV
U92	ESCAPE XLS - 4X4	MPV
U93	ESCAPE XLT - 4X4	MPV
U94	ESCAPE LIMITED - 4X4	MPV
U95	ESCAPE HEV - 4X2	MPV
U96	ESCAPE HEV - 4X4	MPV
<b>MERCURY DIVISION CAR LINES</b>		
40	MONTEGO LUXURY FWD	4-DR. SEDAN
41	MONTEGO LUXURY AWD	4-DR. SEDAN
42	MONTEGO PREMIER FWD	4-DR. SEDAN
43	MONTEGO PREMIER AWD	4-DR. SEDAN
74	GRAND MARQUIS GS	4-DR. SEDAN
75	GRAND MARQUIS LS	4-DR. SEDAN
A22	MONTEREY LUXURY	MPV
M07	MILAN	4-DR. SEDAN
M08	MILAN PREMIER	4-DR. SEDAN
<b>LINCOLN DIVISION CAR LINES</b>		
81	TOWN CAR EXECUTIVE	4-DR. SEDAN
82	TOWN CAR SIGNATURE	4-DR. SEDAN
83	TOWN CAR SIGNATURE - LIMITED	4-DR. SEDAN
83	TOWN CAR EXECUTIVE - LWB	4-DR. SEDAN
85	TOWN CAR SIGNATURE LIMITED - LWB	4-DR. SEDAN
89	TOWN CAR PROTECTION	4-DR. SEDAN
U68	MKX FWD	MPV
U88	MKX AWD	MPV

# 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	VIN CODE 5TH-6TH-7TH POSITIONS	VEHICLE LINE (Optional Nameplate)	BODY TYPE
<b>FORD DIVISION LIGHT TRUCK LINES</b>			<b>FORD DIVISION LIGHT TRUCK LINES</b>		
<b>E-SERIES VAN AND CLUB WAGON</b>			<b>EXPEDITION</b>		
E11	E-150	CLUB WAGON	U15	EXPEDITION XLT - 4X2	MPV
E14	E-150	VAN	U16	EXPEDITION XLT - 4X4	MPV
E24	E-250	VAN	U17	EXPEDITION EDDIE BAUER - 4X2	MPV
E29	E-250	STRIPPED CHASSIS	U18	EXPEDITION EDDIE BAUER - 4X4	MPV
E31	E-350 <sup>2</sup>	CLUB WAGON	U19	EXPEDITION LIMITED - 4X2	MPV
E34	E-350	VAN	U20	EXPEDITION LIMITED - 4X4	MPV
E35	E-350 SRW/DRW	CUTAWAY	K15	EXPEDITION EL XLT - 4X2	MPV
E39	E-350 SRW/DRW	STRIPPED CHASSIS	K16	EXPEDITION EL XLT - 4X4	MPV
E45	E-450 SRW/DRW	CUTAWAY	K17	EXPEDITION EL EDDIE BAUER - 4X2	MPV
E49	E-450 SRW/DRW	STRIPPED CHASSIS	K18	EXPEDITION EL EDDIE BAUER - 4X4	MPV
Optional Exterior Nameplates – XL, XLT, Chateau			K19	EXPEDITION EL LIMITED - 4X2	MPV
<sup>2</sup> SD means Super Duty			K20	EXPEDITION EL LIMITED - 4X4	MPV
<b>LIGHT TRUCK – REGULAR CAB</b>			<b>NAVIGATOR</b>		
F02	F-150 - 4x2	FLARESIDE	U27	NAVIGATOR - 4x2	4-DOOR
F04	F-150 - 4x4	FLARESIDE	U28	NAVIGATOR - 4x4	4-DOOR
F12	F-150 - 4x2	STYLESIDE	<b>MARINER</b>		
F14	F-150 - 4x4	STYLESIDE	U80	MARINER CONVENIENCE - 4x2	MPV
F20	F-250 SRW - 4x2	REGULAR CAB	U81	MARINER LUXURY - 4x2	MPV
F21	F-250 SRW - 4x4	REGULAR CAB	U87	MARINER PREMIER - 4x2	MPV
F30	F-350 SRW - 4x2	REGULAR CAB	U90	MARINER CONVENIENCE - 4x4	MPV
F31	F-350 SRW - 4x4 <sup>1</sup>	REGULAR CAB	U91	MARINER LUXURY - 4x4	MPV
F32	F-350 DRW - 4x2	REGULAR CAB	U97	MARINER PREMIER - 4x4	MPV
F33	F-350 DRW - 4x4 <sup>1</sup>	REGULAR CAB	U39	MARINER HEV - 4x4	MPV
F34	F-350 SRW - 4x2	REGULAR CAB	<b>EXPLORER</b>		
F35	F-350 SRW - 4x4 <sup>1</sup>	REGULAR CAB	U62*	EXPLORER XLS - 4x2	4-DOOR
F36	F-350 DRW - 4x2	REGULAR CAB	U63*	EXPLORER XLT - 4x2	4-DOOR
F37	F-350 DRW - 4x4 <sup>1</sup>	REGULAR CAB	U64*	EXPLORER Eddie Bauer - 4x2	4-DOOR
F46	F-450 DRW - 4x2	REGULAR CAB	U65*	EXPLORER LIMITED - 4x2	4-DOOR
F47	F-450 DRW - 4x4	REGULAR CAB	U67	EXPLORER SPORT TRAC - 4x2	4-DOOR
F56	F-550 DRW - 4x2	REGULAR CAB	U72	EXPLORER XLS - 4x4	4-DOOR
F57	F-550 DRW - 4x4	REGULAR CAB	U73	EXPLORER XLT - 4x4	4-DOOR
F65	F-650 DRW - 4x2	CHASSIS CAB	U74	EXPLORER Eddie Bauer - 4x4	4-DOOR
F66	F-650 DRW - 4x4	CHASSIS CAB	U75	EXPLORER LIMITED - 4x4	4-DOOR
F75	F-750 DRW - 4x2	CHASSIS CAB	U77	EXPLORER SPORT TRAC - 4x4	4-DOOR
F76	F-750 DRW - 4x2	CHASSIS CAB	U82	EXPLORER XLS - AWD	4-DOOR
<b>RANGER</b>			U83	EXPLORER XLT - AWD	4-DOOR
R10	RANGER - 4X2	REGULAR CAB	U84	EXPLORER Eddie Bauer - AWD	4-DOOR
R11	RANGER - 4X4	REGULAR CAB	U85	EXPLORER LIMITED - AWD	4-DOOR
R14	RANGER - 4X2	SUPERCAB	U37	MOUNTAINEER LUXURY - 4X2	MPV
R15	RANGER - 4X4	SUPERCAB	U38	MOUNTAINEER PREMIER - 4X2	MPV
R44	RANGER - 4X2	SUPERCAB	U47	MOUNTAINEER LUXURY AWD2	MPV
R45	RANGER - 4X4	SUPERCAB	U47	MOUNTAINEER PREMIER AWD	MPV
Optional Exterior Nameplates – XLT, 4x4, 4x4 Off road, EV (Leaf/Road)			Optional Exterior Nameplates – XLT, Eddie Bauer, Sport, Limited, Control Trac 4WD, V8		
<b>SUPER VAN AND SUPER WAGON</b>			* 4x2 Available in U.S. only		
S24	E-250	EXTENDED VAN	<sup>1</sup> AWD means All Wheel Drive		
S31	E-350	EXTENDED WAGON	<sup>3</sup> Available fleet order only		
S34	E-350	EXTENDED VAN			
Optional Exterior Nameplates – Sport, XLT, Eddie Bauer, Limited, Control Trac 4WD, V8					
<sup>2</sup> Available in the U.S. only					

# 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>LIGHT TRUCK – CREW CAB</b>		
W12	F-150 - 4x2	SUPERCREW
W14	F-150 - 4x4	SUPERCREW
W20	F-250 SRW - 4x2	CREW CAB
W21	F-250 SRW - 4x4	CREW CAB
W30	F-350 SRW - 4x2	CREW CAB
W31	F-350 SRW - 4x4	CREW CAB
W32	F-350 DRW - 4x2	CREW CAB
W33	F-350 DRW - 4x4	CREW CAB
W34	F-350 SRW - 4x2	CREW CAB
W35	F-350 SRW - 4x4	CREW CAB
W36	F-350 DRW - 4x2	CREW CAB
W37	F-350 DRW - 4x4	CREW CAB
W46	F-450 DRW - 4x2	CREW CAB
W47	F-450 DRW - 4x4	CREW CAB
W56	F-550 DRW - 4x2	CREW CAB
W57	F-550 DRW - 4x4	CREW CAB
W65	F-650 DRW - 4x2	CHASSIS CAB
W66	F-650 DRW - 4x2	CHASSIS CAB
W75	F-750 DRW - 4x2	CHASSIS CAB
W76	F-750 DRW - 4x2	CHASSIS CAB
<b>LIGHT TRUCK – SUPERCAB</b>		
X02	F-150 - 4x2	FLARESIDE
X04	F-150 - 4x4	FLARESIDE
X12	F-150 - 4x2	STYLESIDE
X14	F-150 - 4x4	STYLESIDE
X20	F-250 SRW - 4x2	SUPERCAB
X21	F-250 SRW - 4x4	SUPERCAB
X30	F-350 SRW - 4x2	SUPERCAB
X31	F-350 SRW - 4x4	SUPERCAB
X32	F-350 DRW - 4x2	SUPERCAB
X33	F-350 DRW - 4x4	SUPERCAB
X34	F-350 SRW - 4x2	SUPERCAB
X35	F-350 SRW - 4x4	SUPERCAB
X36	F-350 DRW - 4x2	SUPERCAB
X37	F-350 DRW - 4x4	SUPERCAB
X46	F-450 DRW - 4x2	SUPERCAB
X47	F-450 DRW - 4x4	SUPERCAB
X56	F-550 DRW - 4x2	SUPERCAB
X57	F-550 DRW - 4x4	SUPERCAB
X65	F-650 DRW - 4x2	CHASSIS CAB
X66	F-650 DRW - 4x2	CHASSIS CAB
X75	F-750 DRW - 4x2	CHASSIS CAB
X76	F-750 DRW - 4x2	CHASSIS CAB

VIN CODE 5TH-6TH-7TH POSITIONS	VEHICLE LINE (Optional Nameplate)	BODY TYPE
<b>FORD DIVISION LIGHT TRUCK LINES</b>		
<b>MAZDA - B-SERIES</b>		
R12	B-SERIES - 4x2	REGULAR CAB
R13	B-SERIES - 4x4	REGULAR CAB
R16	B-SERIES - 4x2	SUPERCAB
R17	B-SERIES - 4x4	SUPERCAB
R46	B-SERIES - 4x2	SUPERCAB
R47	B-SERIES - 4x4	SUPERCAB

# VEHICLE IDENTIFICATION NUMBER

## ENGINE TYPE (VIN POSITION 8)

VIN CODE 5th POSITION	ENGINE LITER	CYL	FUEL
<b>PASSENGER CAR</b>			
	3.5		
A	3.9 EFI - DOHC	V-8	GAS
G	2.5 EFI - DOHC <sup>1</sup>	V-6	GAS
H	2.3 I-4 - HYBRID	I-4	HYBRID GAS/ELEC
L	2.5 EFI - DOHC	V-6	GAS
N	2.0 - DURATEC	I-4	GAS
S	3.0 EFI - DOHC	V-6	GAS
U	3.0 EFI	V-6	GAS
V	4.6 EFI - DOHC	V-8	GAS
W	4.6 EFI - SOHC (R)	V-8	GAS
X	4.6 EFI - SOHC (W) <sup>1</sup>	V-8	GAS
Z	2.3 - DURATEC	I-4	GAS
2	3.0 EFI - FFV	V-6	GAS/E85
4	3.8/3.9 EFI SPI <sup>1</sup>	V-6	GAS
9	4.6 EFI - SOHC	V-8	CNG
<b>LIGHT TRUCK</b>			
A	5.4 DOHC (W)	V-8	GAS
D	2.3 - DURATEC	I-4	GAS
E	4.0 EFI - SOHC	V-6	GAS
K	4.0 EFI - FFV SOHC	V-6	GAS/FFV
L	5.4 EFI - SOHC (W)	V-8	GAS
M	5.4 EFI - SOHC (W)	V-8	GAS/CNG
P	5.0 EFI	V-8	GAS
R	5.4 DOHC (R)	V-8	GAS
S	6.8 EFI - SOHC (W) KD2V	V-10	GAS
T	3.3 EFI - SOHC	V-6	GAS
U	3.0 EFI	V-6	GAS
W	4.6 EFI - SOHC (R)	V-8	GAS
X	4.0 EFI	V-6	GAS
Y	6.8 EFI SOHC 3V	V-10	GAS
Z	5.4 EFI - SOHC (W)	V-8	GAS/GFP
1	3.0 SEFI - DOHC	V-6	GAS
2	4.2 EFI - OHV (SPI)	V-6	GAS
3	5.4 EFI - SOHC SC	V-8	GAS
5	6.0L	V-8	DIESEL
<b>ELECTRIC</b>			
7	71 kW	312 Volts	ELECTRIC
1	76 kW	300 Volts	ELECTRIC

<sup>1</sup> Engine used only for Mustang GT and differs from "W" coded engine.

## CHECK DIGIT (VIN POSITION 9)

VIN CHECK DIGIT FOR ALL VEHICLES  (VIN POSITION 9)  1FABP43M[4]MX100001
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## VEHICLE MODEL YEAR (VIN POSITION 10)

VIN CODE 10TH POSITION	MODEL YEAR
W	1998
X	1999
Y	2000
1	2001
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007

## PLANT OF MANUFACTURER (VIN POSITION 11)

VIN CODE 11TH POSITION	PLANT	VIN CODE 11TH POSITION	PLANT
A	ATLANTA	N	NORFOLK
B	OAKVILLE	P	TWIN CITIES
C	ONTARIO TRUCK	R	HERMOSILLO
D	OHIO	T	EDISON
E	KENTUCKY TRUCK	U	LOUISVILLE
F	DEARBORN	V	ESCOBEDO
G	CHICAGO	W	WAYNE
H	LORAIN	X	ST. THOMAS
J	NORWAY	Y	WIXOM
K	KANSAS CITY	Z	ST. LOUIS
L	MICHIGAN TRUCK	0	DETROIT
M	CUAUTITLAN	5	FLAT ROCK

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

1FABP40M2MX 100001

SEQUENCE NUMBER
A00001 THROUGH F99999 - FORD DIVISION VEHICLES
000001 THROUGH 999999 - FORD BUILT BY BLUE DIAMOND
J00001 THROUGH L99999 - LINCOLN/MERCURY DIVISION VEHICLES
M00001 THROUGH N99999 - MAZDA VEHICLES