

# MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC( U.S. Customary)

Passenger Car

# 1987

<p>Manufacturer</p> <p>FORD MOTOR COMPANY</p>	<p>Car Line</p> <p>ESCORT</p>	
<p>Mailing Address</p> <p>P.O. BOX 2053 DEARBORN, MICHIGAN 48121</p>	<p>Issued</p> <p>APRIL, 1986</p>	<p>Revised</p> <p>DECEMBER, 1986</p>

Questions concerning these specifications should be directed to the manufacturer whose address is shown above.

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Motor Vehicle Manufacturers Association  
of the United States, Inc.

**MVMA Specifications Form  
Passenger Car**

**METRIC (U.S. Customary)**

**SUPPLEMENTAL PAGE**

Car Line ESCORT  
Model Year 1987 Issued 4/86 Revised (●) 12/86

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**Electrical — Instruments and Equipment: (Cont'd)**

- Brake System Warning Light
- Directional Turn Signal Lights
- Emergency Flashers
- Hi-Beam Indicator
- Fasten Seat Belt Warning Light
- Cigar Lighter
- Fog Lamps (Std. w/GT)
- Graphic Display Module (Opt.) (Std. w/GT)
- Trip Odometer (Opt.) (Std. w/GT)
- Up-shift Light w/Manual Transmission and Gasoline Engine Only
- Lift Gate Ajar Warning Light
- (●) ● Manual Pivoting Vent Windows (Opt. w/All Models; Requires Tinted Glass Opt.)

**MVMA Specifications Form**  
**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line ESCORT  
 Model Year 1987 Issued 4/86 Revised (e) 12/86

Engine Description/Carb.  
 Engine Code

1.9L CFI	1.9L EFI
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**Electrical — Supply System**

Battery	Manufacturer	Johnson Controls Inc. or G&B		
	Model, std., (opt.)	Standard	Optional	Standard
	Voltage	12 Volt		
	Amps at 0°F cold crank	460	540	540
	Minutes-reserve capacity	82	100	100
	Amp/hrs. - 20 hr. rate	48	58	58
	Location	Low-Silhouette — Mtd in LH Apron Forward of Strut Tower		
Alternator	Manufacturer	Ford (EED Rawsonville)		
	Rating	E7EF-BA (60 Amp)		
	Ratio (alt. crank/rev.)	2.33:1		
	Optional (type & rating)	E7EF-AA (75 Amp); Included with A/C		
Regulator	Type	Electronic Integral w/Alternator		

**Electrical — Starting System**

Start, motor	Current drain at 0°F	270-300 Amps
Motor drive	Engagement type	Positive
	Pinion engages from (front, rear)	Front

**Electrical — Ignition System**

Type	Electronic (std., opt., n.a.)	Standard	
	Other (specify)	N/A	
Coil	Make	Motorcraft	
	Model	E2EF-AA	
	Current	Engine stopped — A	5.0
		Engine idling — A	2.5
Spark plug	Make	Motorcraft	
	Model	AGSF-34C AGSF-24C	
	Thread (mm)	14	
	Tightening torque [N-m (lb, ft)]	10-20 (7-14)	
	Gap	1.12 (0.44)	
	Number per cylinder	One	
Distributor	Make	Motorcraft	
	Model	Breakerless	

**Electrical — Suppression**

Locations & type	Capacitor in Alternator, Ground Strap Between Engine Block and Shock Tower. Resistor Spark Plugs and Resistance Ignition Wire Ground Strap Between Exhaust Pipe & Strg. Bracket. (Opt.)-Interval W.Wipe-Jumped
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Engine Description/Carb.  
Engine Code

2.0L

## Electrical — Supply System

Battery	Manufacturer	Johnson Controls Inc. or G&B
	Model, std., (opt.)	Standard
	Voltage	12 Volt
	Amps at 0°F cold crank	1050
	Minutes-reserve capacity	165
	Amp/hrs. - 20 hr. rate	90
	Location	Left Hand Rear of Cargo Area
Alternator	Manufacturer	Ford (EED Rawsonville)
	Rating	E7EF-DA (60 Amp)
	Ratio (alt. crank/rev.)	2.36:1 (2.75:1 w/65 Amp)
	Optional (type & rating)	E7EF-CA (65 Amp); Included with A/C
Regulator	Type	Electronic Integral w/Alternator

## Electrical — Starting System

Start, motor	Current drain at 0°F	500-520 Amps
Motor drive	Engagement type	Positive (Gear Reduced)
	Pinion engages from (front, rear)	Front

## Electrical — Ignition System

(NOT APPLICABLE)

Type	Electronic (std., opt., n.a.)		
	Other (specify)		
Coil	Make		
	Model		
	Current	Engine stopped — A	
		Engine idling — A	
Spark plug	Make		
	Model		
	Thread (mm)		
	Tightening torque [N-m (lb, ft)]		
	Gap		
Distributor	Number per cylinder		
	Make		
	Model		

## Electrical — Suppression

Locations & type

Capacitor in Alternator, Ground Strap Between Engine Block and Shock Tower  
Ground Strap Between Exhaust Pipe & Steering Bracket

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Body Type

ALL MODELS

**Body**

Structure	Unitized All-Steel Welded Body with One-Piece Side Stampings and Energy-Absorbing Front and Rear Structures
Bumper system front-rear	Front — 7029 Aluminum (Anodized) Front/Rear — 5 MPH Bumper — Ford Requirements Rear — HSLA 960 Steel or 7029 Aluminum 10.0
Anti-corrosion treatment	<ul style="list-style-type: none"> <li>● Major Exterior &amp; Underbody Sheet Metal Components and Panels Pre-Coated (Galvanized) Steel</li> <li>● Body Cathodically Electrocoat Primed</li> <li>● Urethane Chip Resistant Primer or Plastic Cladding on Lower Body Sides</li> <li>● Grille: Polyester or A.B.S. Painted</li> </ul>

**Body — Miscellaneous Information**

Type of finish (lacquer, enamel, other)	Enamel (Acrylic)	
Hood	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal (Primary) Cable Release — External (Secondary)
Trunk lid	Type (counterbalance, other)	N/A
	Internal release control (elec., mech., n.a.)	N/A
Hatch-back lid	Type (counterbalance, other)	Gas Struts
	Internal release control (elec., mech., n.a.)	Electric (Option; Std. w/GT Model)
Station Wagon	Counterbalanced Liftgate	
Vent window control (crank, friction, pivot, power)	Front	Manual Latch (Option)
	Rear	N/A
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Stamped Frame — Coil Springs & Flexolator — Foam Pad
	Rear	Integral Frame & Foam Pad Assembly
	3rd seat	None
Seat back type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Stamped Frame — Foam Pad
	Rear	Plastic Load Floor — Foam Pad Assy. Fold-Down Type
	3rd seat	N/A

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Body Type

ALL MODELS

## Restraint System

(e) Active restraint system	Standard/optional	Standard — Color Keyed Webbing — Rear Standard — Color Keyed Webbing — Front
	Type and description	Lap Only — Front & Rear
	Location	2 Seat Belts — Front & Rear
(e) Passive seat belts	Standard/optional	Standard
	Power/manual	Power
	2 or 3 point	2 Point
	Knee bar/lap belt	Shoulder Belt

## Frame

Type and description (separate frame, unitized frame, partially-unitized frame)		Unitized Construction	
Glass	SAE Ref.No.	2-DOOR, 4-DOOR HATCHBACK	4-DOOR WAGON
Windshield glass exposed surface area [cm <sup>2</sup> (in. <sup>2</sup> )]	S1	6939 (1076)	
Side glass exposed surface area [cm <sup>2</sup> (in. <sup>2</sup> )]-total 2-sides	S2	10771 (1671)	14501 (2248)
Backlight glass exposed surface area [cm <sup>2</sup> (in. <sup>2</sup> )]	S3	7681 (1191)	4977 (772)
Total glass exposed surface area [cm <sup>2</sup> (in. <sup>2</sup> )]	S4	25390 (3937)	26418 (4095)
Windshield glass (type)		Laminated	
Side glass (type)		Tempered — Safety	
Backlight glass (type)		Tempered	

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**Convenience Equipment (standard, optional, n.a.)**

Air conditioning (manual, auto. temp control)	Optional, Manual Temperature Control	
Clock (digital, analog)	Optional, Digital	
Compass/thermometer	N/A	
Console (floor, overhead)	Optional, Floor/Optional, Overhead	
Defroster, elec. backlight	Optional (Mandatory in New York State)	
Electronic	Diagnostic monitor (integrated, individual)	N/A
	Instrument cluster (list instruments)	N/A
	Keyless entry	N/A
	Tripminder (avg. spd., fuel)	N/A
	Voice alert (list items)	N/A
	Other Headlamp Buzzer	Optional, Warning
Graphic Display Warning	Optional, Indicator	
Fuel door lock (remote, key, electric)	Optional, Electric	
Lamps	Auto head on/off delay, dimming	N/A
	Cornering	N/A
	Courtesy (map, reading)	Optional
	Door lock, ignition	N/A
	Engine compartment	Optional
	Fog	Optional
	Glove compartment	Optional
	Trunk /Cargo	Optional
Other		
● Mirrors	Day/night (auto. man.)	Standard, Manual
	L.H. (remote, power, heated)	Standard, Manual; Opt., Manual or (Std. w/GT) Power
	R.H. (convex, remote, power, heated)	Optional (Std. w/GT), Power Convex
	Visor vanity (RH/LH, illuminated)	N/A
Parking brake-auto release (warning light)	N/A	
Power equipment	Door locks/deck lid - specify	Optional, Decklid
	Seat (2-4-6 way) heated (driver, pass, other) lumbar, hip, thigh support (power, manual) reclining (driver, pass) memory (1-2 preset, recline)	N/A
	Side windows	N/A
	Vent windows	N/A
	Rear window	N/A
Radio systems	Antenna (location, whip, w/shield, power)	Whip — Right Hand Fender
	AM, FM, stereo, tape, CB	(a)
	Speaker (number, location) Premium sound	Optional, Amp. with Front Door Speakers & Rear Speakers
Roof open air/fixed (flip-up, sliding, "T")	N/A	
Speed control device	Optional	
Speed warning device (light, buzzer, etc.)	N/A	
Tachometer (rpm)	6000 (Diesel); 7000 (Gasoline)	
Telephone system - mobile	N/A	
Theft protection-type	N/A	

● (a) AM Radio Optional on Base Vehicle, Standard on High Series Models.  
 Optional Radios: (Std. w/GT) AM/FM Electronic Tuned Stereo, AM/FM Electronic Tuned Stereo w/Cassette