

# COOLING SYSTEM SPECIFICATIONS & DRIVE BELT ROUTING

## 2001 Chevrolet Camaro

2000-01 ENGINE COOLING  
General Motors Specifications - All Models

### MODEL IDENTIFICATION

#### MODEL IDENTIFICATION - CARS

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Body Code (1)	Model
"C"	Park Avenue
"E"	Eldorado
"F"	Camaro & Firebird
"G"	Aurora & Riviera
"H"	Bonneville, & LeSabre
"J"	Cavalier & Sunfire
"K"	DeVille & Seville
"M"	Metro
"N"	Alero, Grand Am & Malibu
"S"	Prizm
"V"	Catera
"W"	Century, Grand Prix, Impala, Intrigue, Lumina, Monte Carlo & Regal
"Y"	Corvette
"Z"	Saturn

(1) - Vehicle body code is fourth character of VIN.

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#### MODEL IDENTIFICATION - TRUCKS

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Series (1)	Model
"A"	2WD Aztek
"B"	4WD Aztek
"C"	2WD Pickup, Sierra, Silverado, Suburban, Tahoe & Yukon
"E"	2WD Tracker
"G"	Cutaway, Express, G-Van & Savana
"J"	4WD Tracker
"K"	4WD Pickup, Sierra, Silverado, Suburban, Tahoe, Yukon & AWD Escalade
"L"	AWD Astro & Safari
"M"	2WD Astro & Safari
"S"	2WD Blazer, Envoy, Jimmy, Pickup & Sonoma
"T"	4WD Blazer, Bravada, Envoy, Jimmy, Pickup & Sonoma
"U"	Montana, Silhouette & Venture

(1) - Vehicle series is fifth character of VIN.

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### SPECIFICATIONS

CAUTION: When battery is disconnected, vehicle computer and memory systems may lose memory data. Driveability problems may exist until computer systems have completed a relearn cycle. See COMPUTER RELEARN PROCEDURES article in GENERAL INFORMATION before disconnecting battery.

### COOLING SYSTEM SPECIFICATIONS

COOLING SYSTEM SPECIFICATIONS - CARS

Application	Specification
Coolant Replacement Interval	
Except Metro & Prizm	60 Months Or 150,000 Miles
Metro	30 Months Or 30,000 Miles
Prizm	24 Months Or 30,000 Miles
Coolant Capacity (1)	
1.0L	3.9 Qts. (4.1L)
1.3L	
M/T	4.9 Qts. (4.4L)
A/T	5.0 Qts. (4.7L)
1.8L	
Prizm	
A/T	6.0 Qts. (5.7L)
M/T	6.1 Qts. (5.8L)
1.9L	7.0 Qts. (6.6L)
2.2L	
"J" Body	9.6 Qts. (9.1L)
"Z" Body	7.4 Qts. (7.0L)
2.4L	
"J" Body	9.9 Qts. (9.4L)
"N" Body	11.3 Qts. (10.7L)
3.0L	
Except "Z" Body	10.0 Qts. (9.5L)
"Z" Body	7.8 Qts. (7.3L)
3.1L	
"N" Body	13.1 Qts. (12.4L)
"W" Body	11.0 Qts. (10.4L)
3.4L	13.6 Qts. (12.9L)
3.5L	10.0 Qts. (9.5L)
3.8L Except "F", "H" & "W" Bodies	13.0 Qts. (12.3L)
"F" Body	
A/T	12.3 Qts. (11.6L)
M/T	12.5 Qts. (11.8L)
"H" Body	10 Qts. (9.5L)
"W" Body	5.3 Qts. (5.0L)
4.0L	13.0 Qts. (12.3L)
4.6L Except "E" & "K" Body	10.7 Qts. (10.0L)
"E" & "K" Bodies	12.5 Qts. (11.8L)
5.7L	
"F" Body	
A/T	15.1 Qts. (14.3L)
M/T	15.3 Qts. (14.5L)
"Y" Body	
A/T	12.3 Qts. (11.6L)
M/T	12.6 Qts. (11.9L)
Pressure Cap	
"F" Body	18 psi
Metro	13 psi
Prizm	13 psi
Saturn	15 psi
All Others	(2) 15 psi
Thermostat	
Metro	
Starts To Open	190-197 °F (88-92 °C)
Fully Opens	212-221 °F (100-105 °C)
Prizm	
Starts To Open	176-183 °F (80-84 °C)
Fully Opens	203 °F (95 °C)
Saturn	
Starts To Open	182-190 °F (83-88 °C)

Fully Open .....	212-222 °F (100-106°C)
All Others	
Starts To Open .....	189 °F (87°C)
Fully Opens .....	207 °F (97°C)

- (1) - Specification is approximate and includes heater capacity.  
(2) - Or specification stamped on cap.

#### COOLING SYSTEM SPECIFICATIONS - TRUCKS

Application	Specification
Coolant Replacement Interval	
Except Tracker .....	60 Months Or 150,000 Miles
Tracker .....	30 Months Or 30,000 Miles
Pressure Cap	
Except Tracker .....	15 psi
Tracker .....	13 psi
Thermostat Opens	
Except Tracker	
Starts .....	188 °F (87°C)
Fully Open .....	206 °F (97°C)
Tracker	
Starts .....	179 °F (82°C)
Fully Open .....	203 °F (95°C)
Coolant Capacity (1)	
1.6L .....	6.9 Qts. (6.5L)
2.0L .....	5.8 Qts. (5.5L)
2.2L	
A/T .....	9.7 Qts. (9.2L)
M/T .....	9.9 Qts. (9.4L)
2.5L .....	8.5 Qts. (8.0L)
3.4L	
Standard	
With Rear Heater .....	11.9 Qts. (11.3L)
Without Rear Heater .....	9.6 Qts. (9.0L)
Heavy Duty	
With Rear Heater .....	13.2 Qts. (12.5L)
Without Rear Heater .....	10.5 Qts. (9.9L)
4.3L	
"C" & "K" Series	
A/T .....	12.7 Qts. (12.0L)
M/T .....	13.0 Qts. (12.3L)
"G" Series	
With Rear Heater .....	14.0 Qts. (13.2L)
Without Rear Heater .....	11.0 Qts. (10.5L)
"L" & "M" Series	
With Rear Heater .....	16.5 Qts. (15.5L)
Without Rear Heater .....	14.3 Qts. (12.8L)
"S" & "T" Series	
A/T .....	11.7 Qts. (11.1L)
M/T .....	11.9 Qts. (11.3L)
4.8L	
A/T .....	13.4 Qts. (12.7L)
M/T .....	13.7 Qts. (13.0L)
With Rear Heater .....	15.8 Qts. (15.0L)
Without Rear Heater .....	14.4 Qts. (13.7L)
5.0L	
With A/C .....	20.0 Qts. (18.9L)
Without A/C .....	17.0 Qts. (16.0L)
5.3L	
With A/C .....	14.9 Qts. (14.1L)

With Rear A/C .....	15.8 Qts. (15.0L)
Without A/C .....	13.4 Qts. (12.7L)
5.7L	
Standard	
With A/C .....	20.0 Qts. (19.0L)
Without A/C .....	17.5 Qts. (16.6L)
Heavy Duty	
With A/C .....	27.0 Qts. (25.5L)
Without A/C .....	26.4 Qts. (25.0L)
6.0L	
A/T	
With Oil Cooler .....	14.4 Qts. (13.6L)
Without Oil Cooler .....	14.8 Qts. (14.0L)
M/T	
With Oil Cooler .....	14.8 Qts. (14.0L)
Without Oil Cooler .....	15.2 Qts. (14.4L)
6.5L .....	27.5 Qts. (26.0L)
6.6L	
A/T .....	20.3 Qts (19.2L)
M/T .....	20.7 Qts. (19.6L)
7.4L	
Standard	
With A/C .....	27.5 Qts. (26.0L)
Without A/C .....	25.0 Qts. (23.7L)
Heavy Duty	
With A/C .....	28.5 Qts. (27.0L)
Without A/C .....	26.4 Qts. (25.0L)
8.1L	
A/T .....	20.7 Qts. (19.6L)
M/T .....	21.1 Qts. (20.0L)

(1) - Specification is approximate and includes heater capacity.

## BELT ADJUSTMENT & ROUTING

### BELT ADJUSTMENT

#### BELT ADJUSTMENT - CARS

Application	Specification
Serpentine Belt .....	(1) 30-50 Lbs. (13.6-22.7 kg.)
	Deflection @ 22 Lbs. (10.0 kg.)

Except Serpentine Belt

Metro

A/C Compressor & Power Steering

Pump .....

Generator .....

(1) - Serpentine belt is automatically adjusted by tensioner.  
Tension is checked with belt tension gauge. If tension is not as specified, check belt length and tensioner operating range.  
Replace belt or tensioner as necessary.

#### BELT ADJUSTMENT - TRUCKS

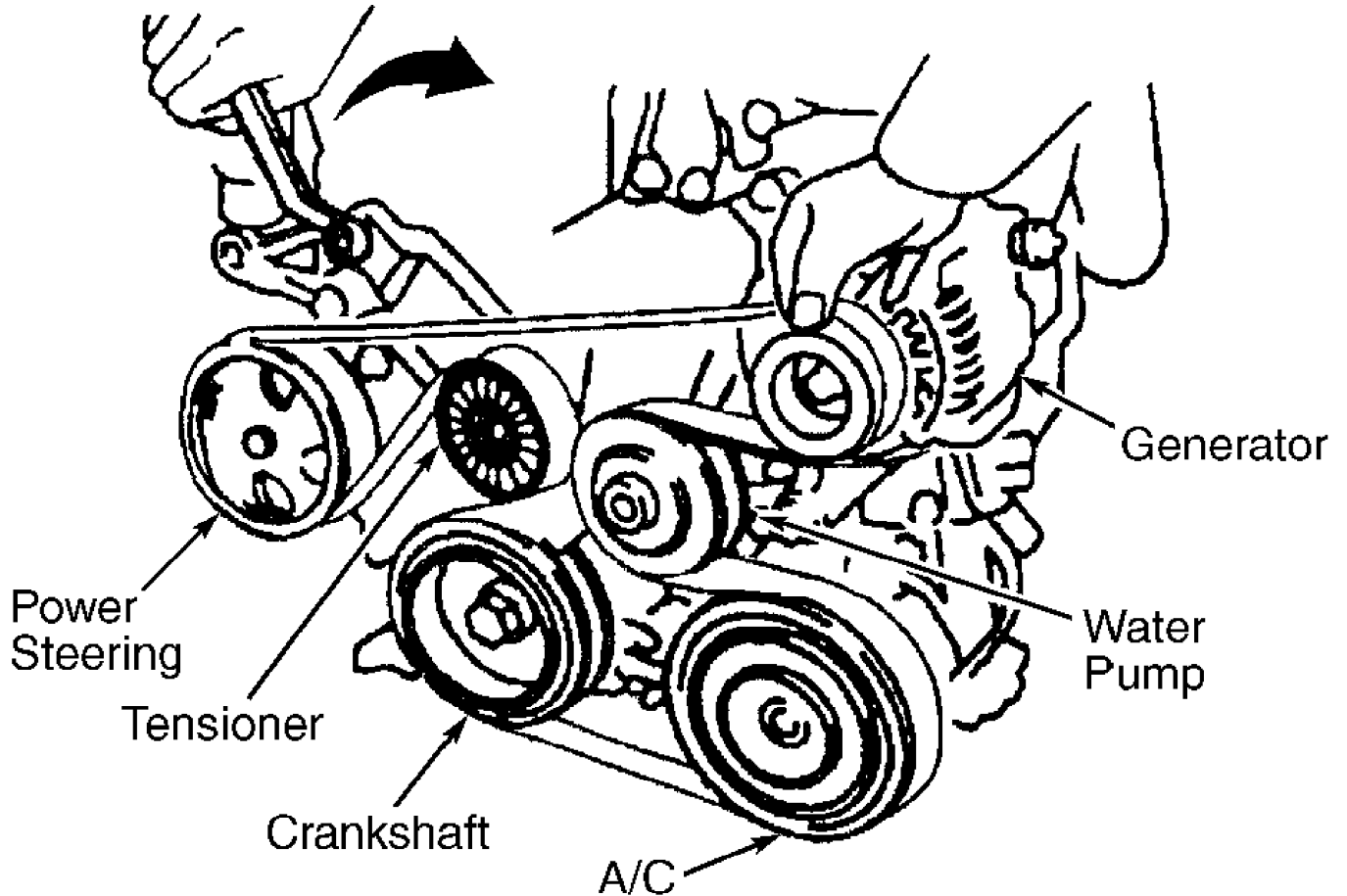
Application	(1) Lbs. (kg)
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All Models ..... (1)

- (1) - Serpentine belt tension is maintained automatically by a spring-tensioned idler pulley. No adjustment is necessary.

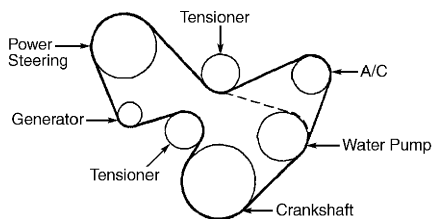
### SERPENTINE BELT ROUTING & ALIGNMENT

NOTE: For serpentine belt routing, see underhood label or refer to appropriate illustrations. See Figs. 1-24.



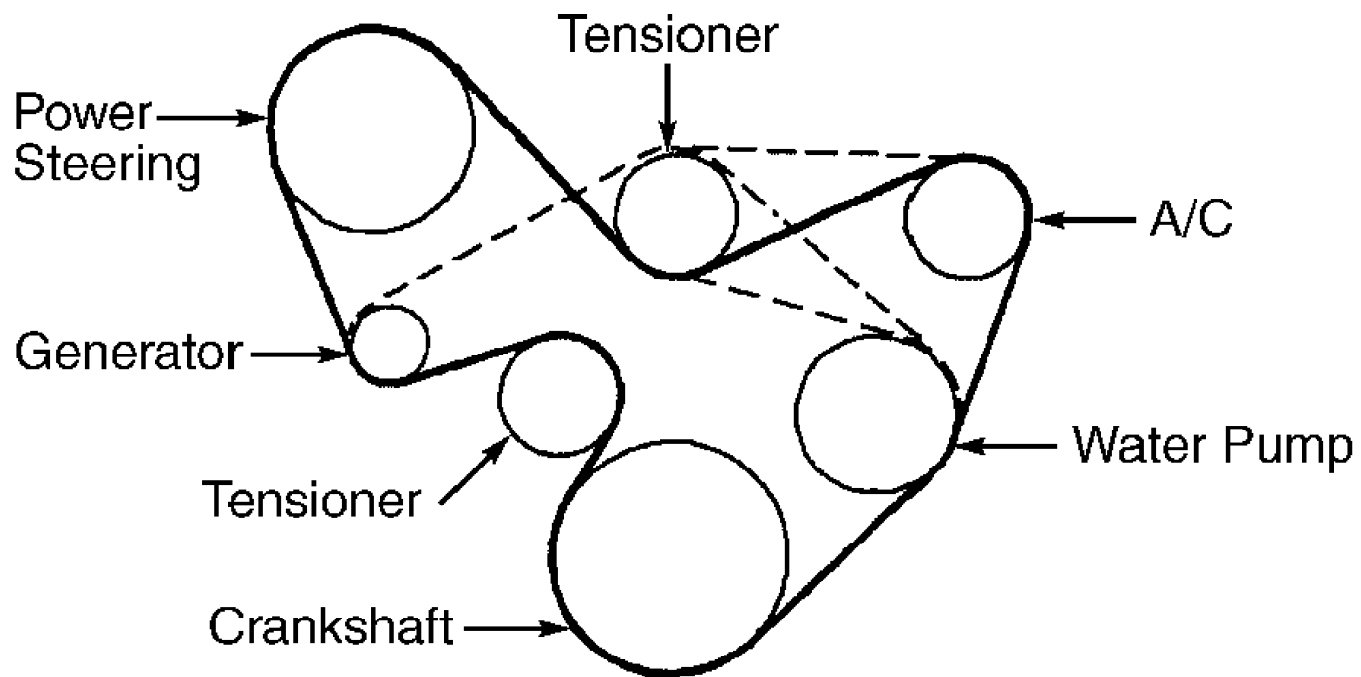
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Fig. 1: Serpentine Belt Routing (1.8L Prizm)  
Courtesy of General Motors Corp.



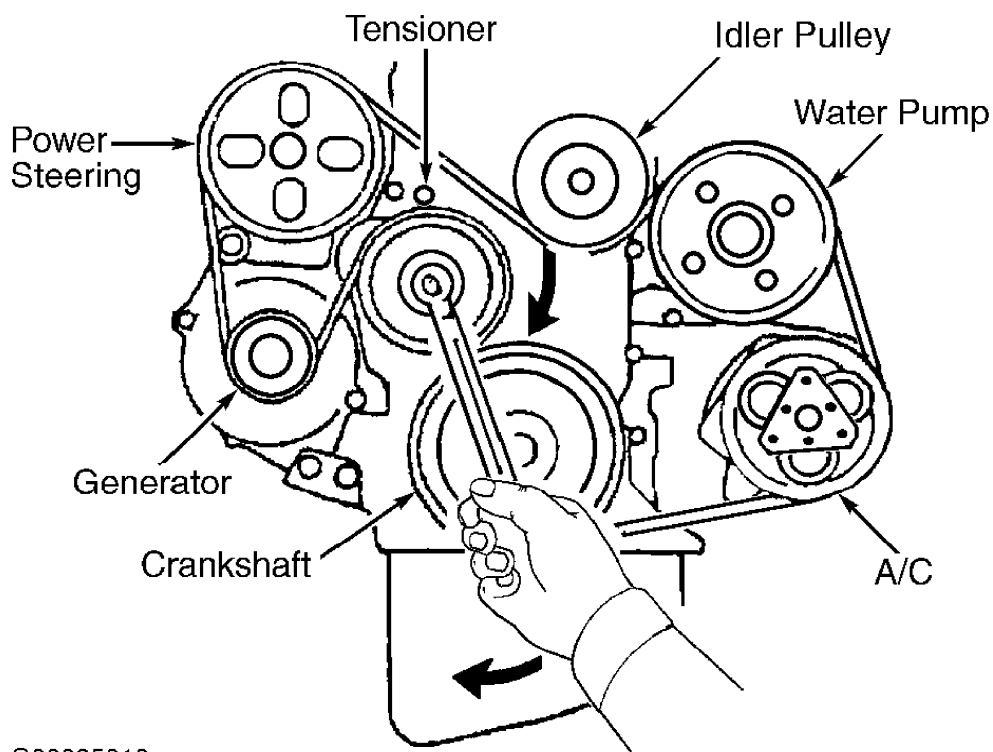
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Fig. 2: Serpentine Belt Routing (1.9L Saturn DOHC)  
Courtesy of General Motors Corp.



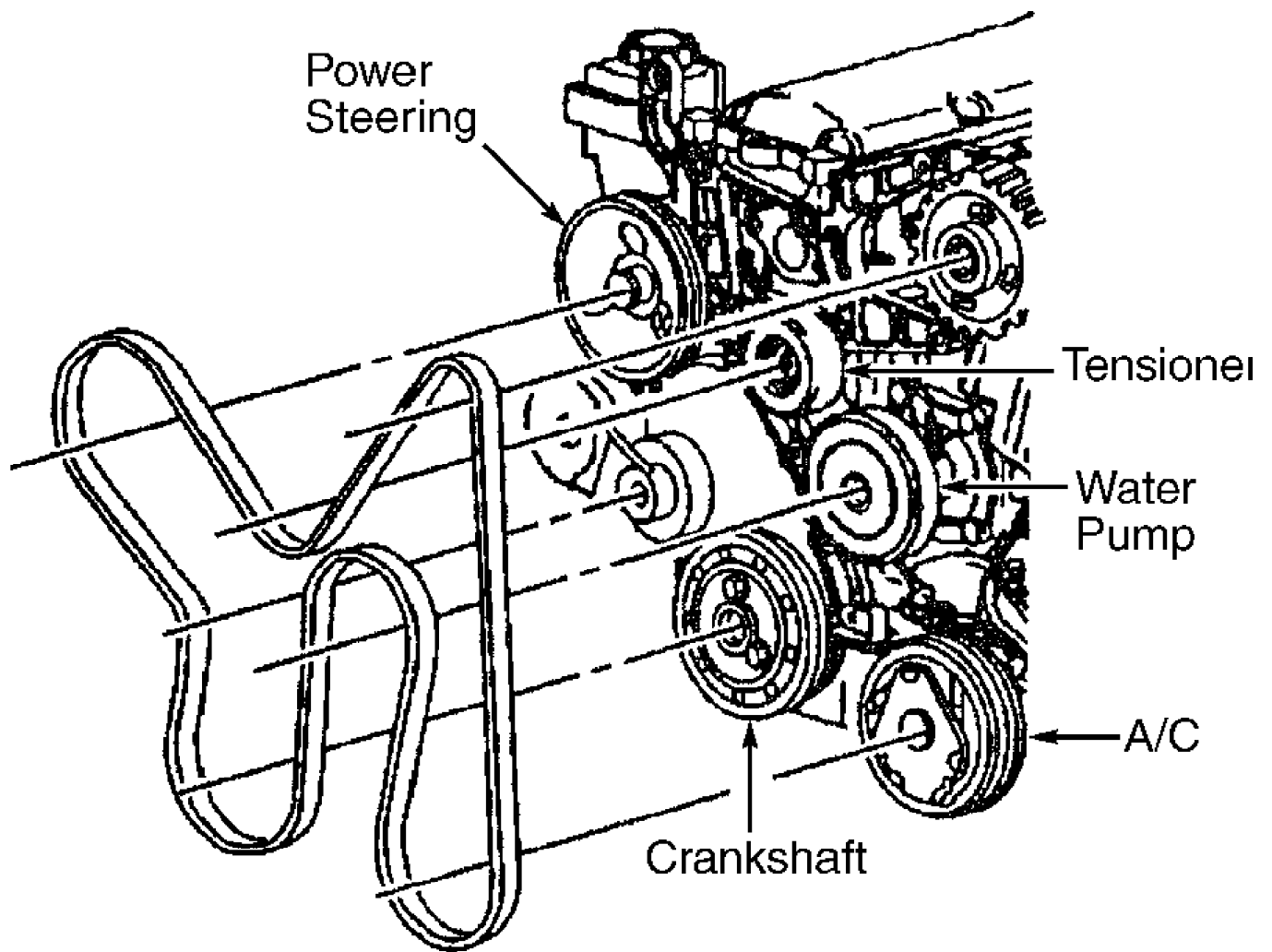
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Fig. 3: Serpentine Belt Routing (1.9L Saturn SOHC)  
 Courtesy of General Motors Corp.



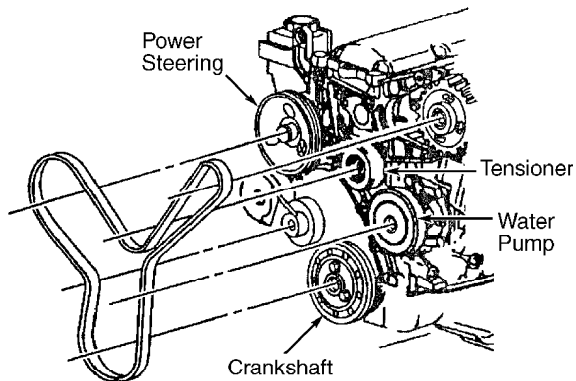
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Fig. 4: Serpentine Belt Routing (2.0L Tracker)  
 Courtesy of General Motors Corp.



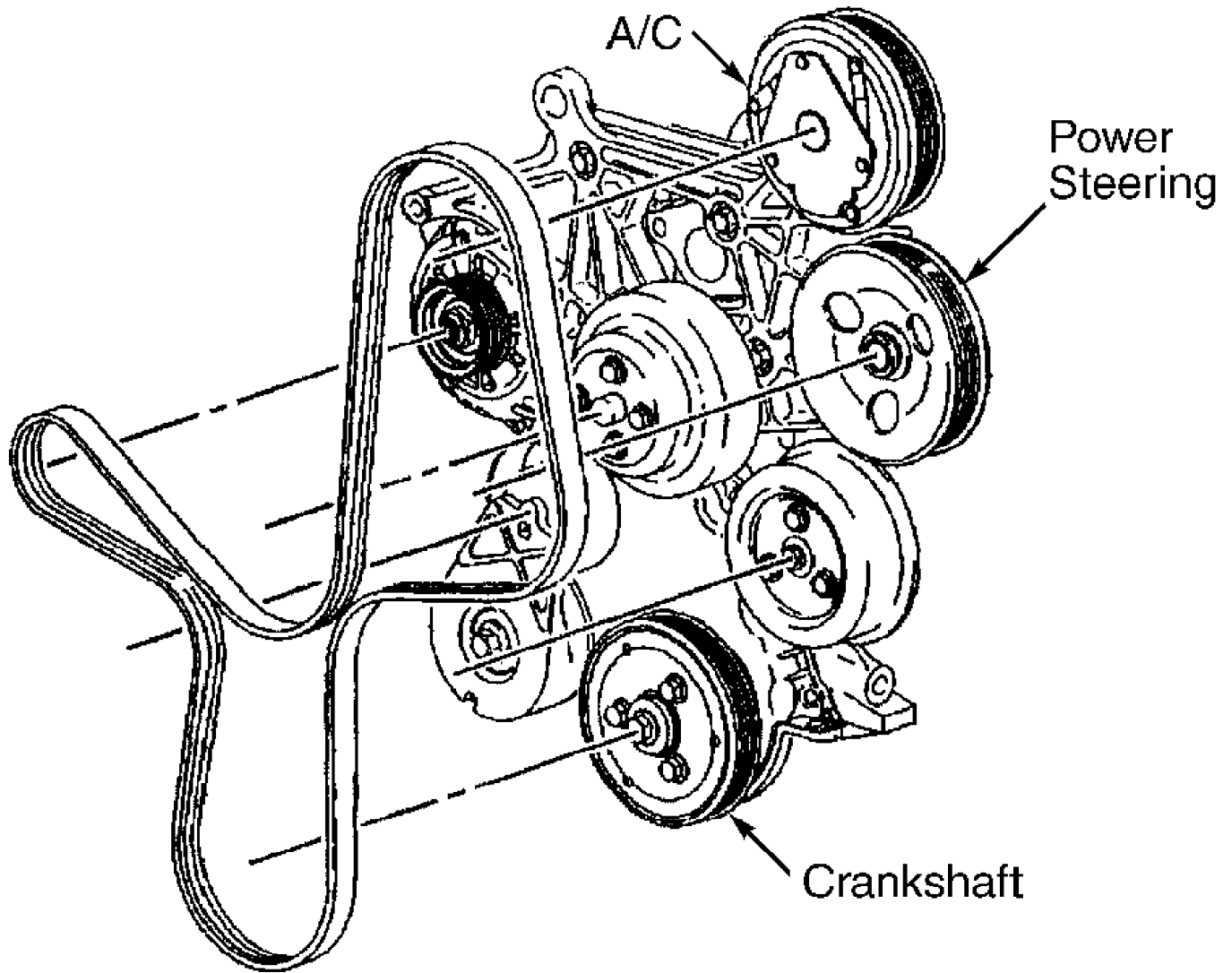
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Fig. 5: Serpentine Belt Routing (2.2L "J" Body - With A/C)  
 Courtesy of General Motors Corp.



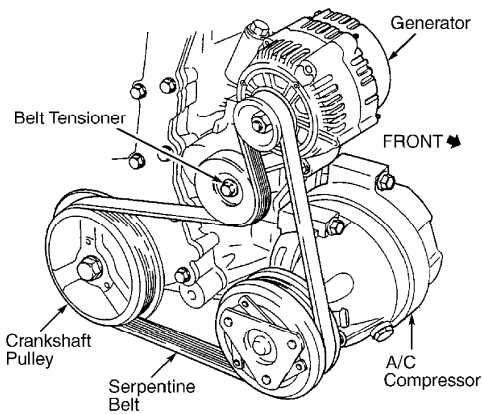
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Fig. 6: Serpentine Belt Routing (2.2L "J" Body - Without A/C)  
 Courtesy of General Motors Corp.



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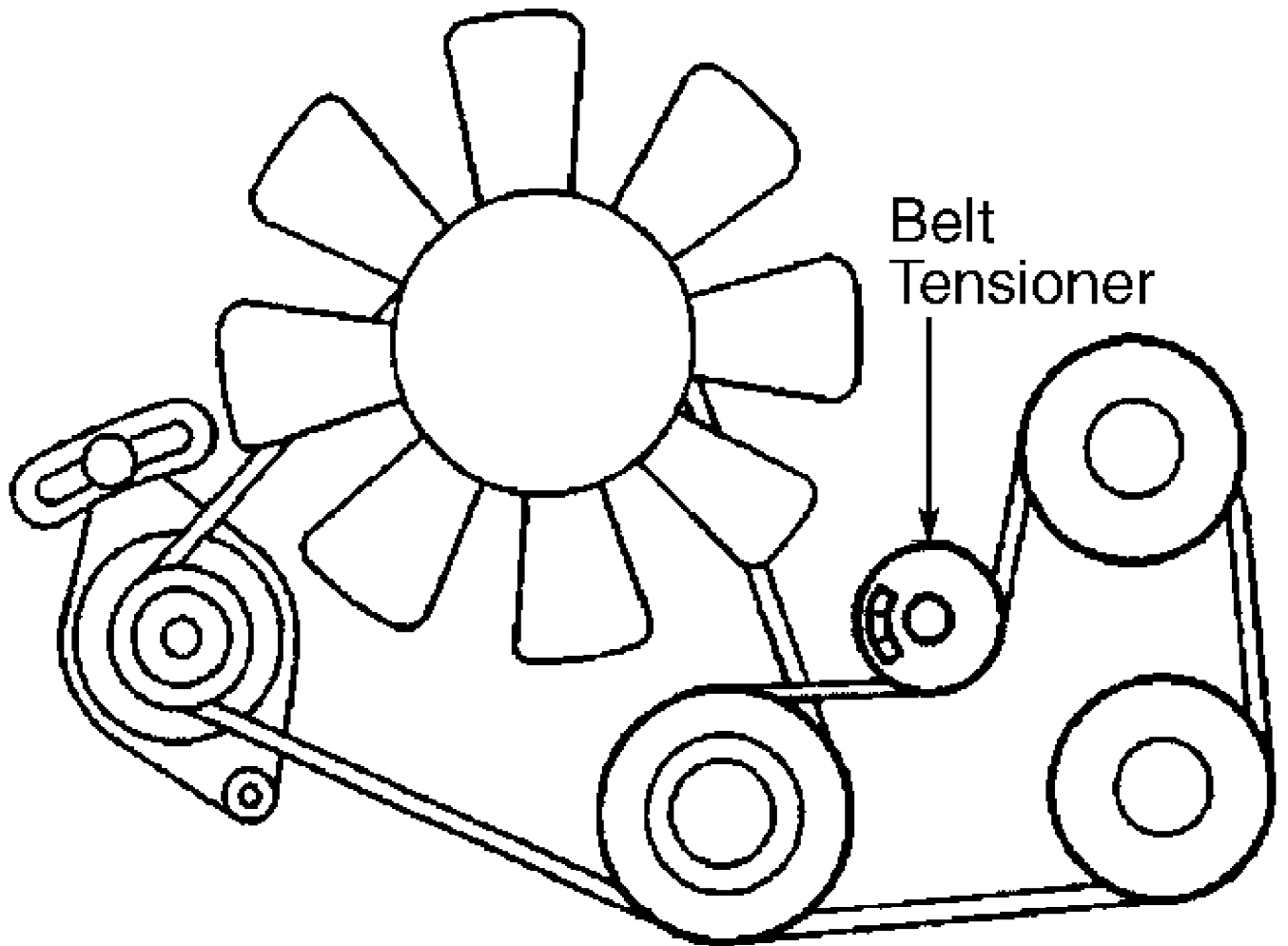
Fig. 7: Serpentine Belt Routing (2.2L "S" Series)  
 Courtesy of General Motors Corp.



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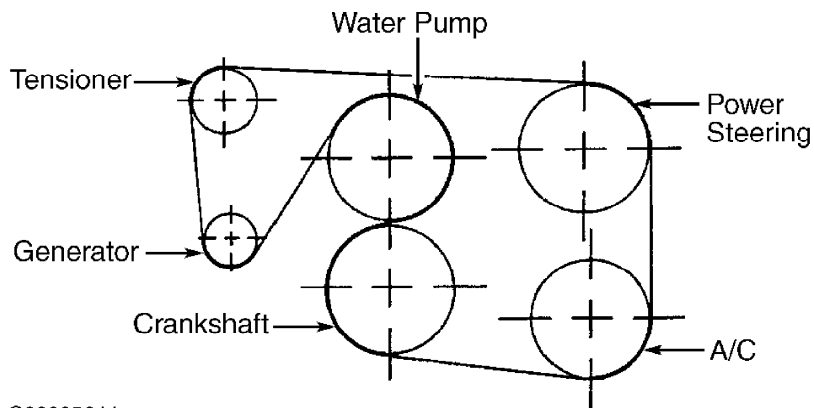
Fig. 8: Serpentine Belt Routing (2.4L "J" & "N" Bodies)  
 Courtesy of General Motors Corp.





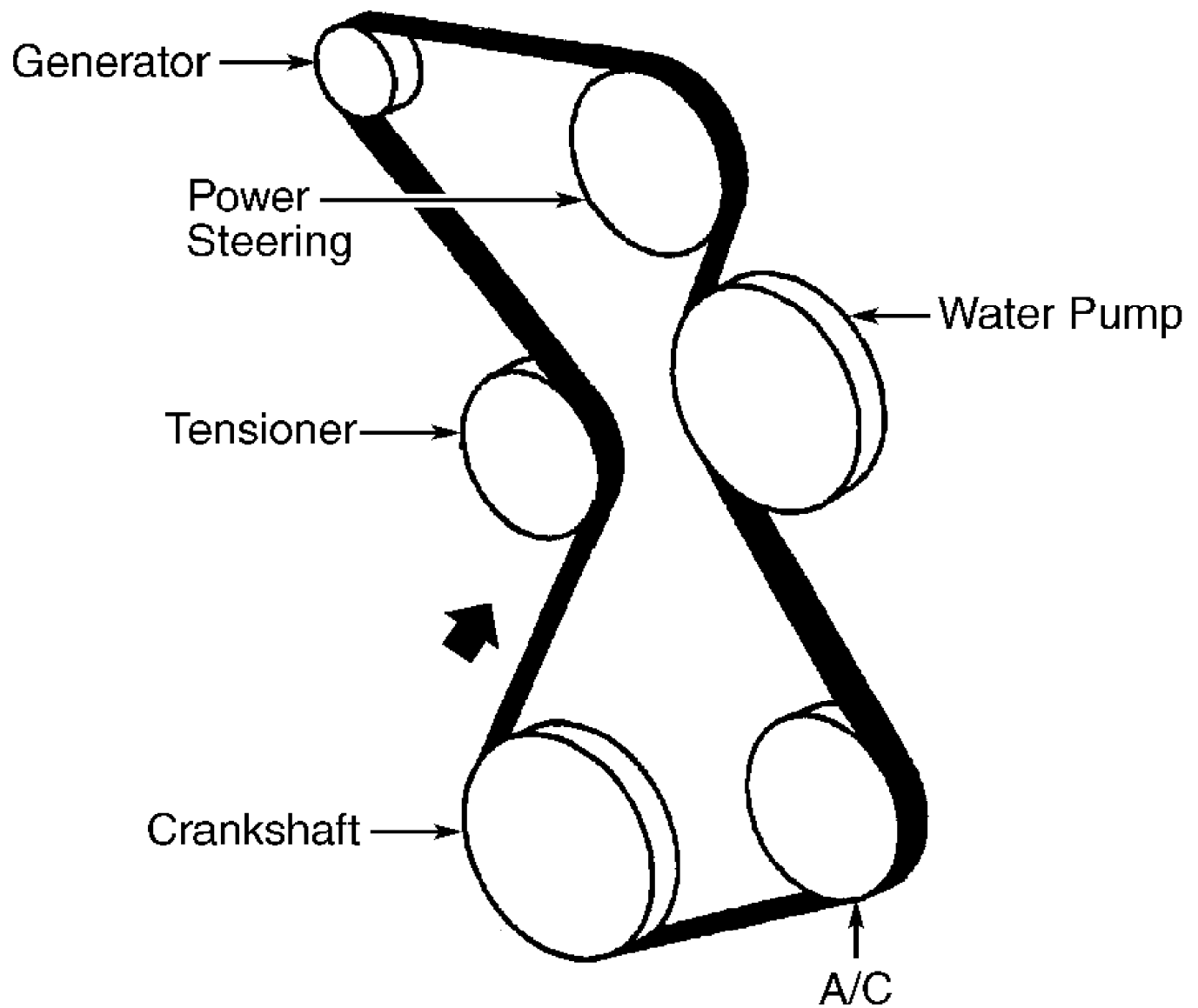
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Fig. 9: Serpentine Belt Routing (2.5L Tracker)  
 Courtesy of General Motors Corp.



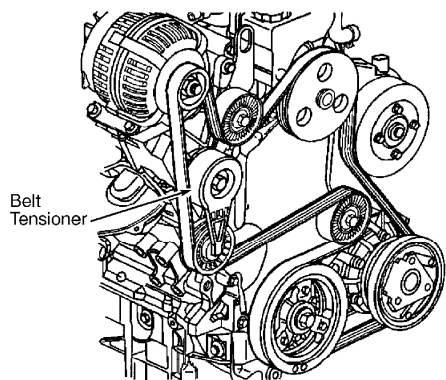
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Fig. 10: Serpentine Belt Routing (3.0L "V" Body)  
 Courtesy of General Motors Corp.



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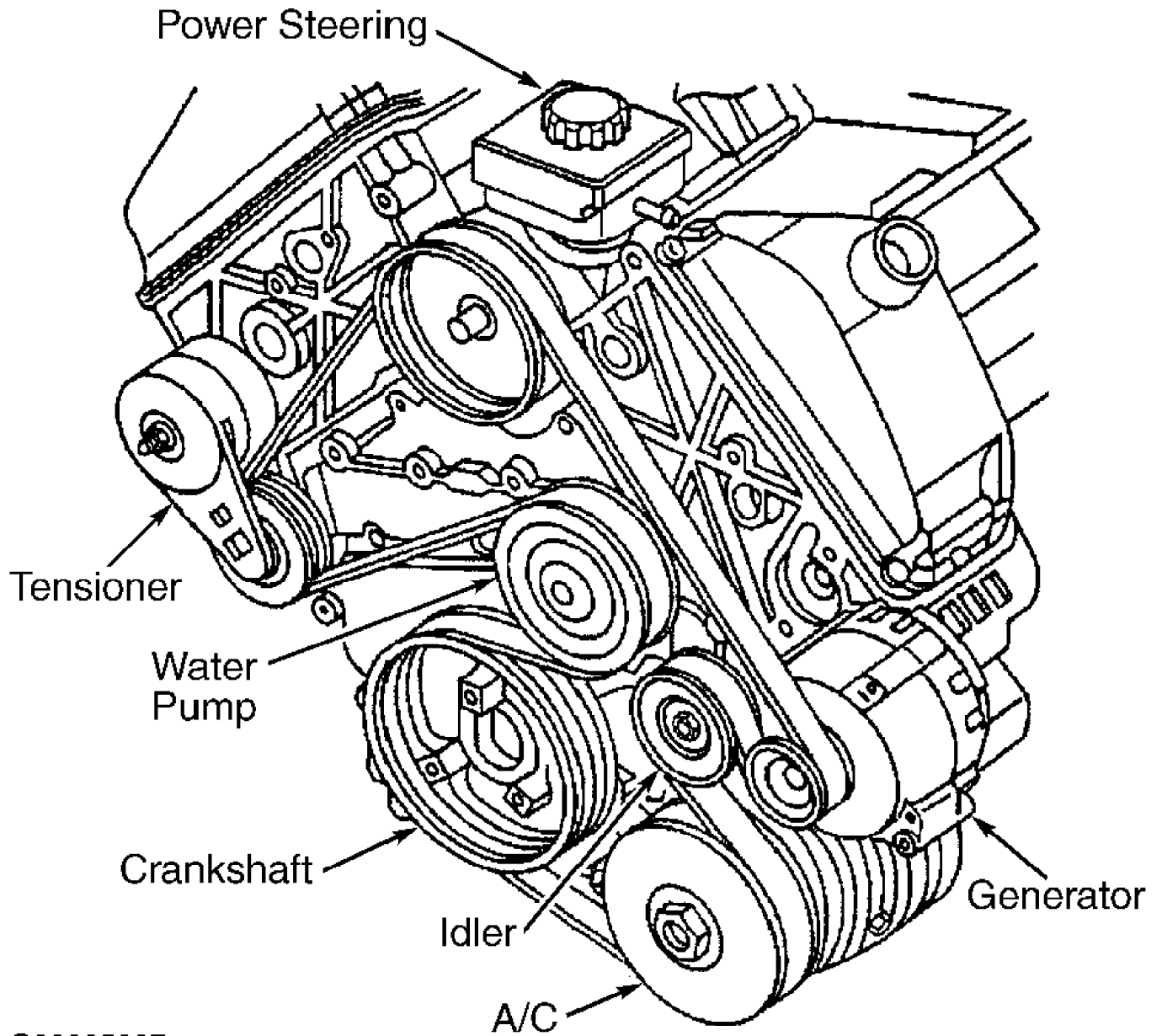
Fig. 11: Serpentine Belt Routing (3.1 "N" & "W" Bodies)  
 Courtesy of General Motors Corp.



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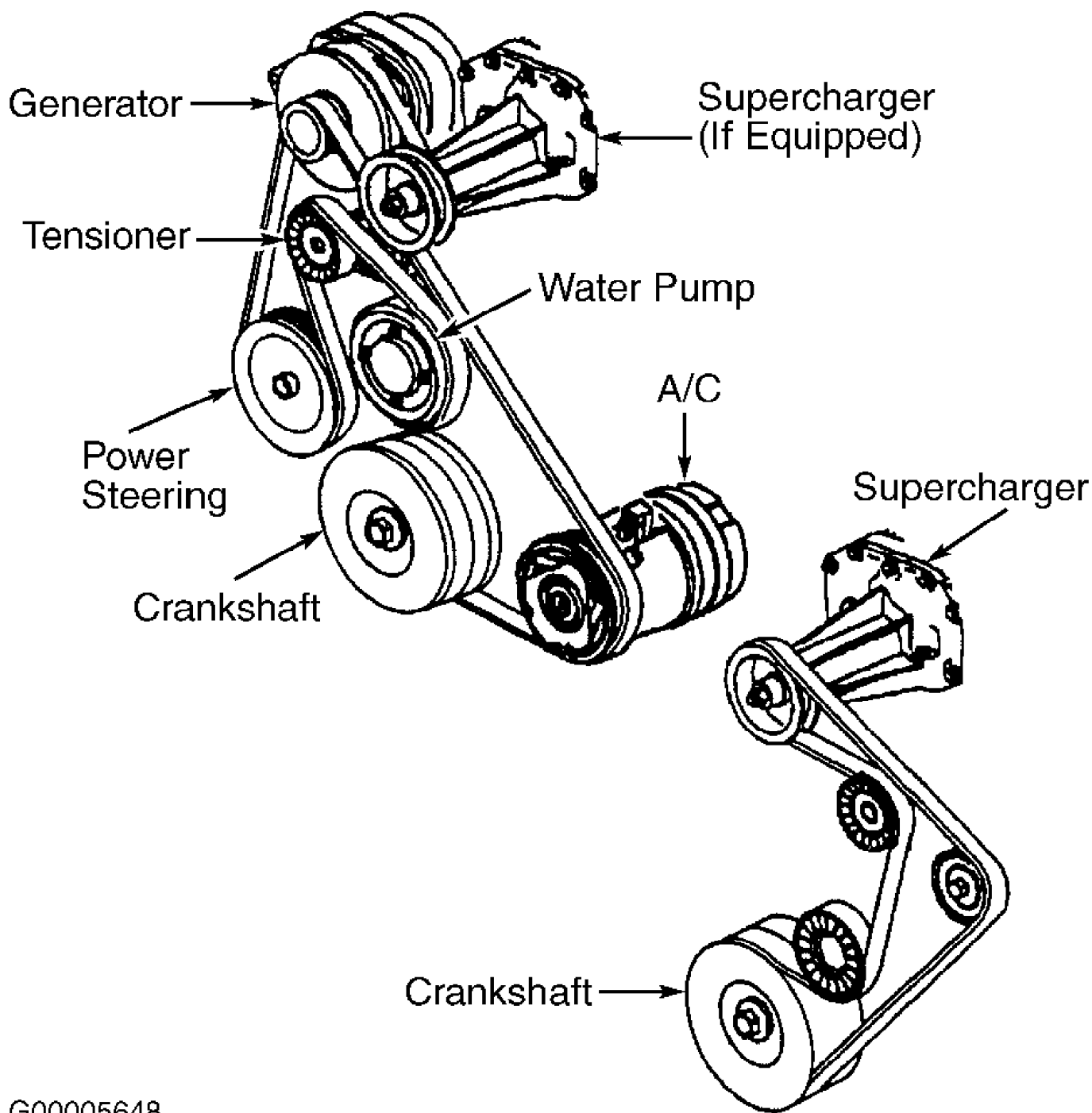
Fig. 12: Serpentine Belt Routing (3.4L "N", "W" & "Z" Bodies, & "A", "B" & "U" Series)

Courtesy of General Motors Corp.



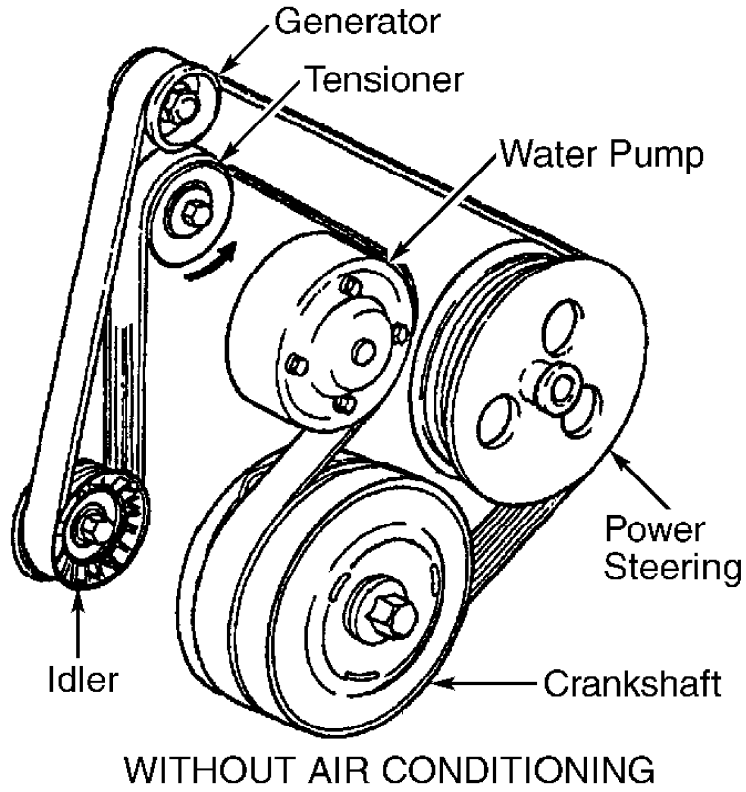
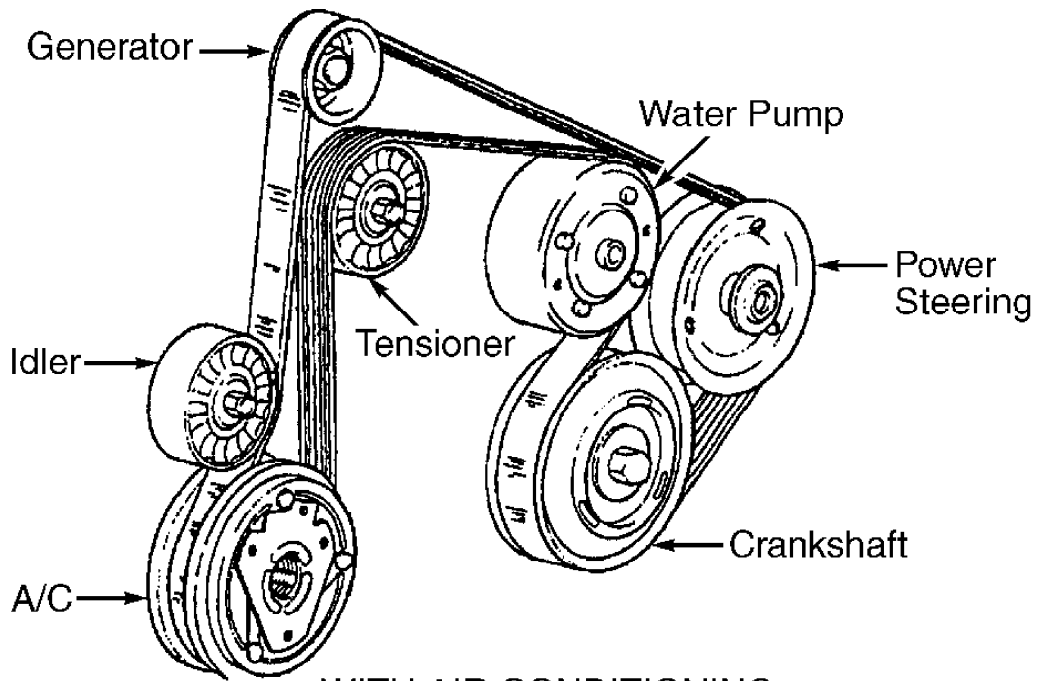
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Fig. 13: Serpentine Belt Routing (3.5L "N" & "W" Bodies)  
Courtesy of General Motors Corp.



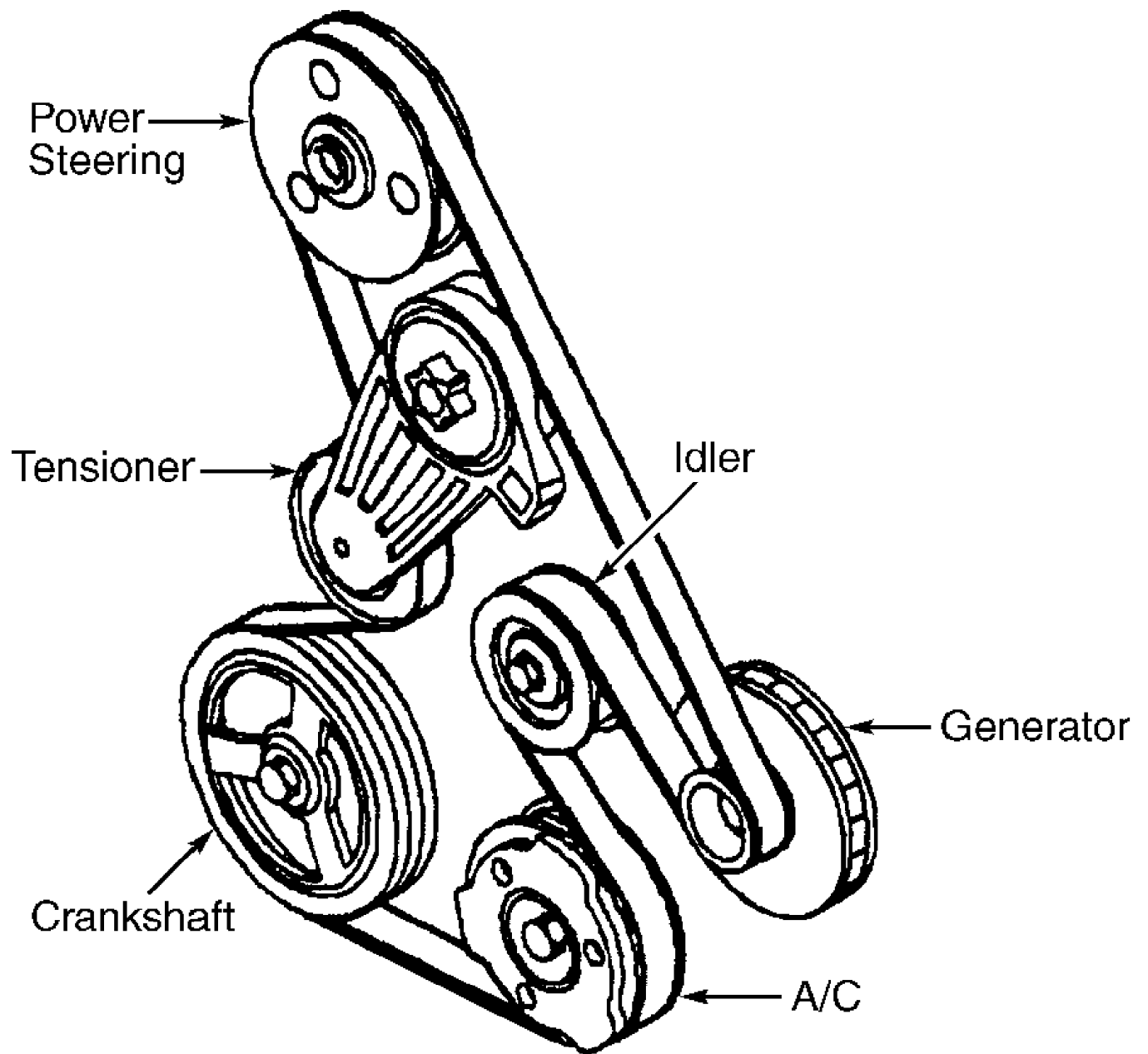
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Fig. 14: Serpentine Belt Routing (3.8L "C", "G", "H" & "W" Bodies)  
 Courtesy of General Motors Corp.



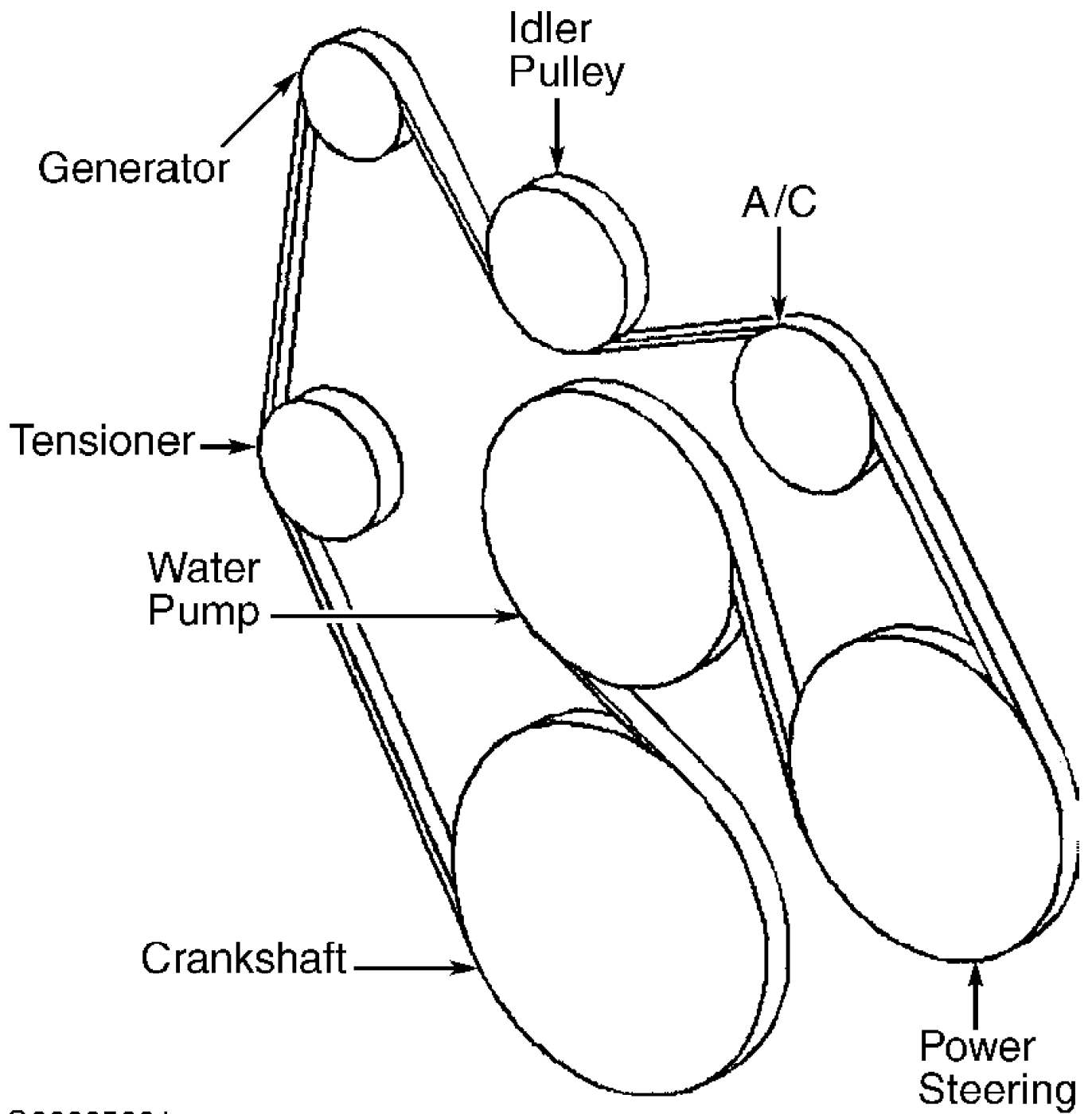
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Fig. 15: Serpentine Belt Routing (3.8L "F" Body)  
 Courtesy of General Motors Corp.



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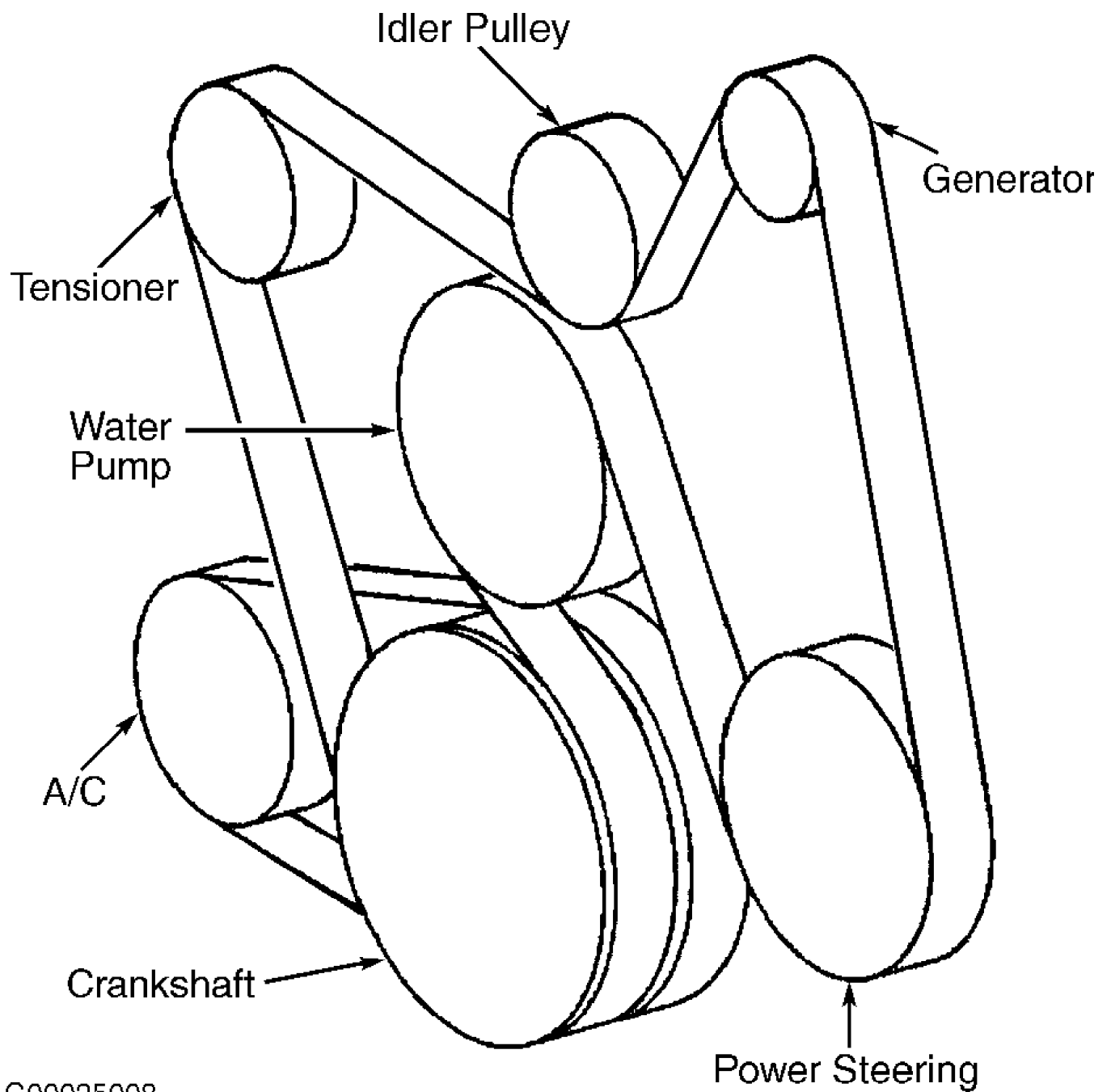
Fig. 16: Serpentine Belt Routing (4.0L "G" Body & 4.6L "E" & "K" Bodies)  
 Courtesy of General Motors Corp.



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Fig. 17: Serpentine Belt Routing (4.3L, 5.0L, 5.7L & 7.4L, "S" & "T" Series)

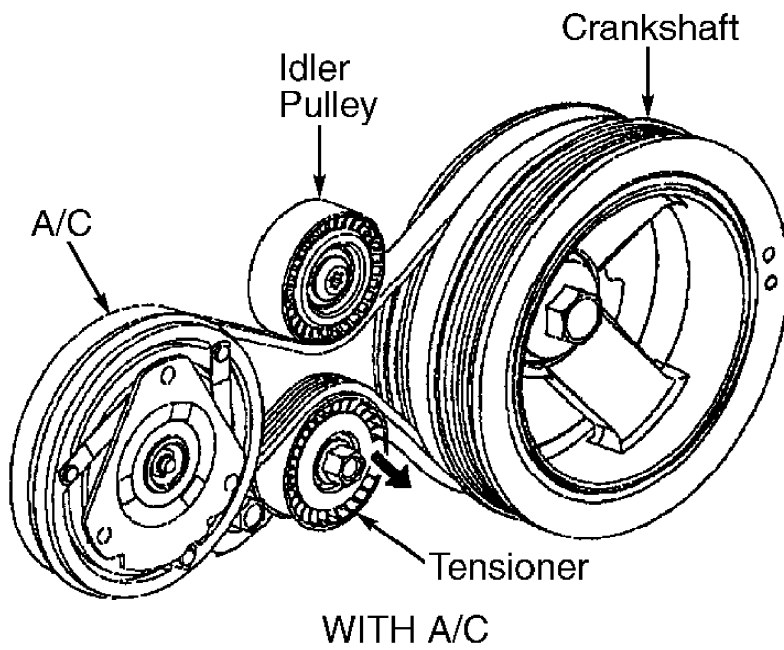
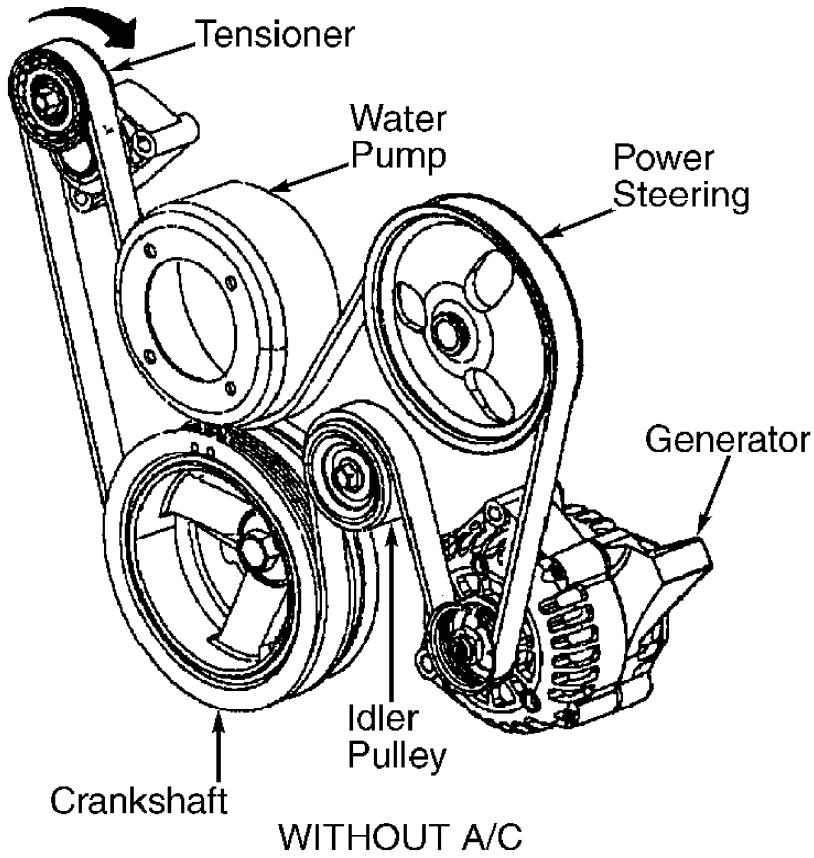
Courtesy of General Motors Corp.



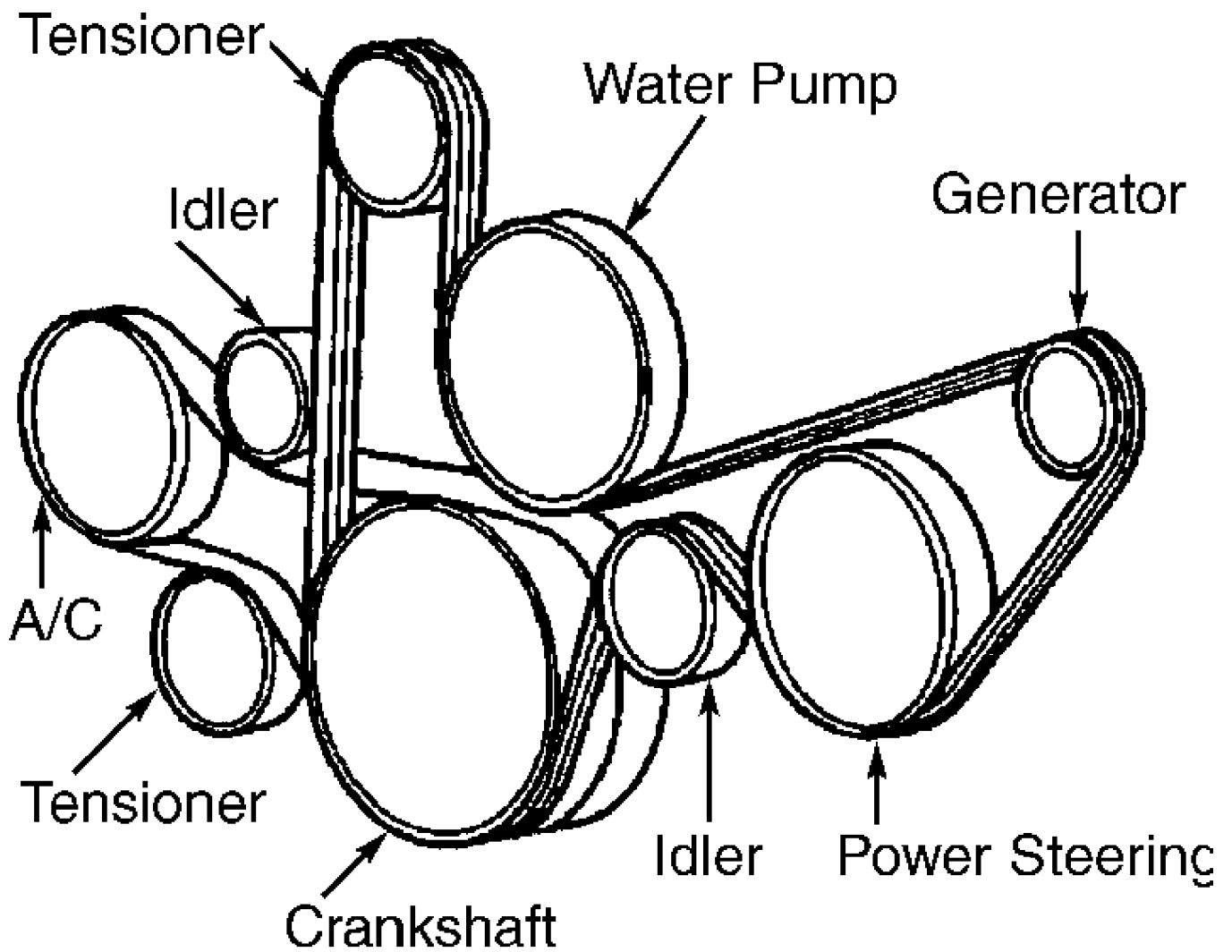
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Fig. 18: Serpentine Belt Routing (4.8L, 5.3L & 6.0L "C" & "K" Series)  
 Courtesy of General Motors Corp.



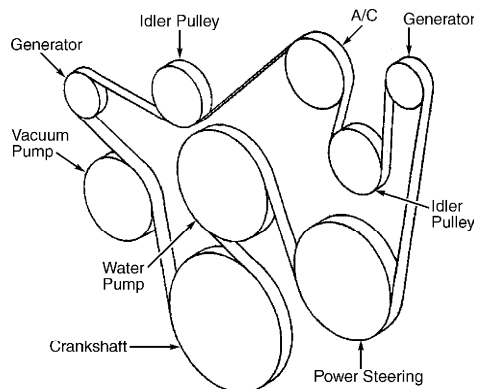


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 Fig. 19: Serpentine Belt Routing (5.7L "F" Body)  
 Courtesy of General Motors Corp.



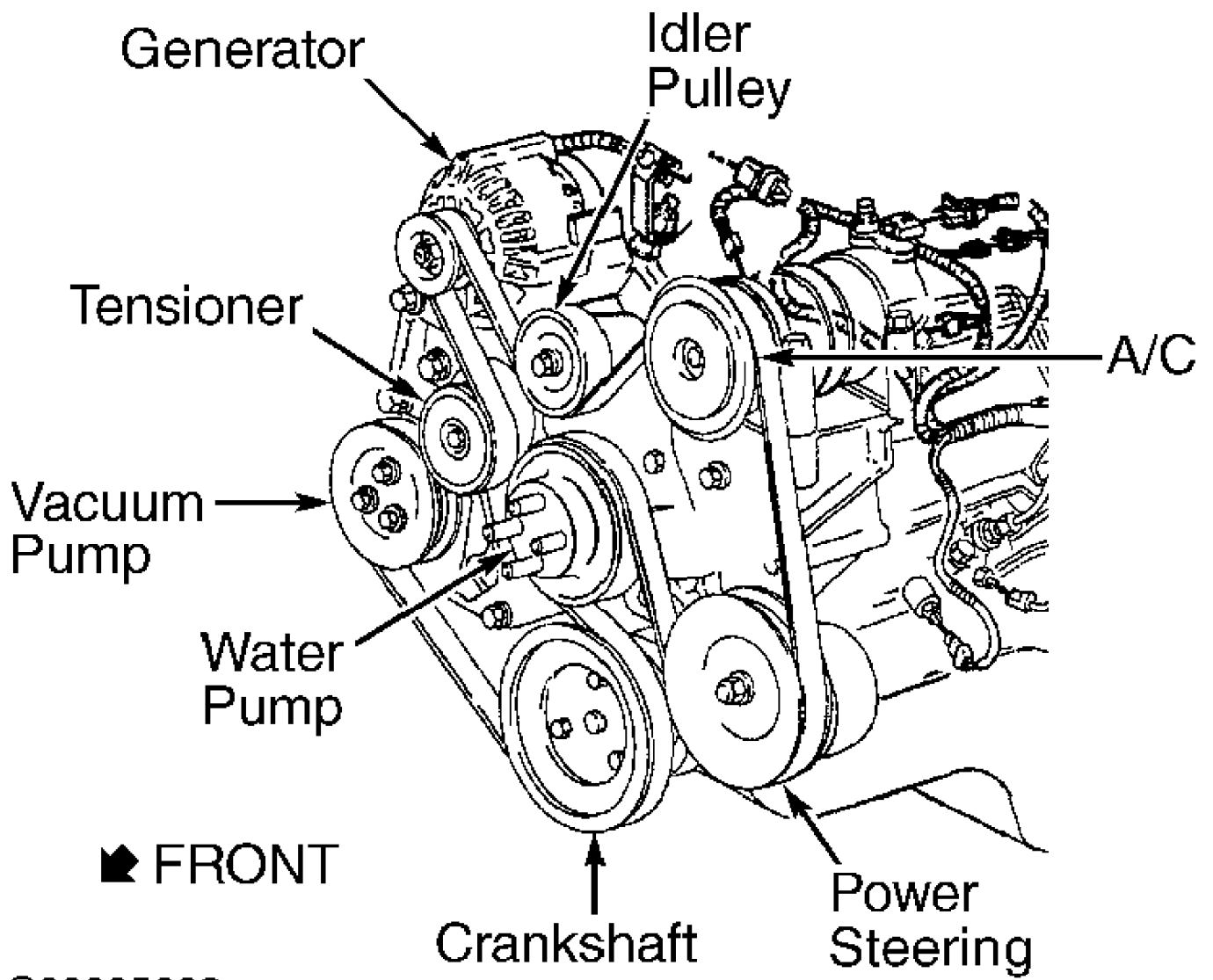
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Fig. 20: Serpentine Belt Routing (5.7L "Y" Body)  
 Courtesy of General Motors Corp.



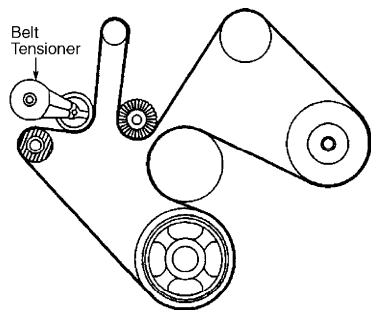
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Fig. 21: Serpentine Belt Routing (6.5L Turbo-Diesel "C", "G" & "K" Series With Dual Generators)  
 Courtesy of General Motors Corp.



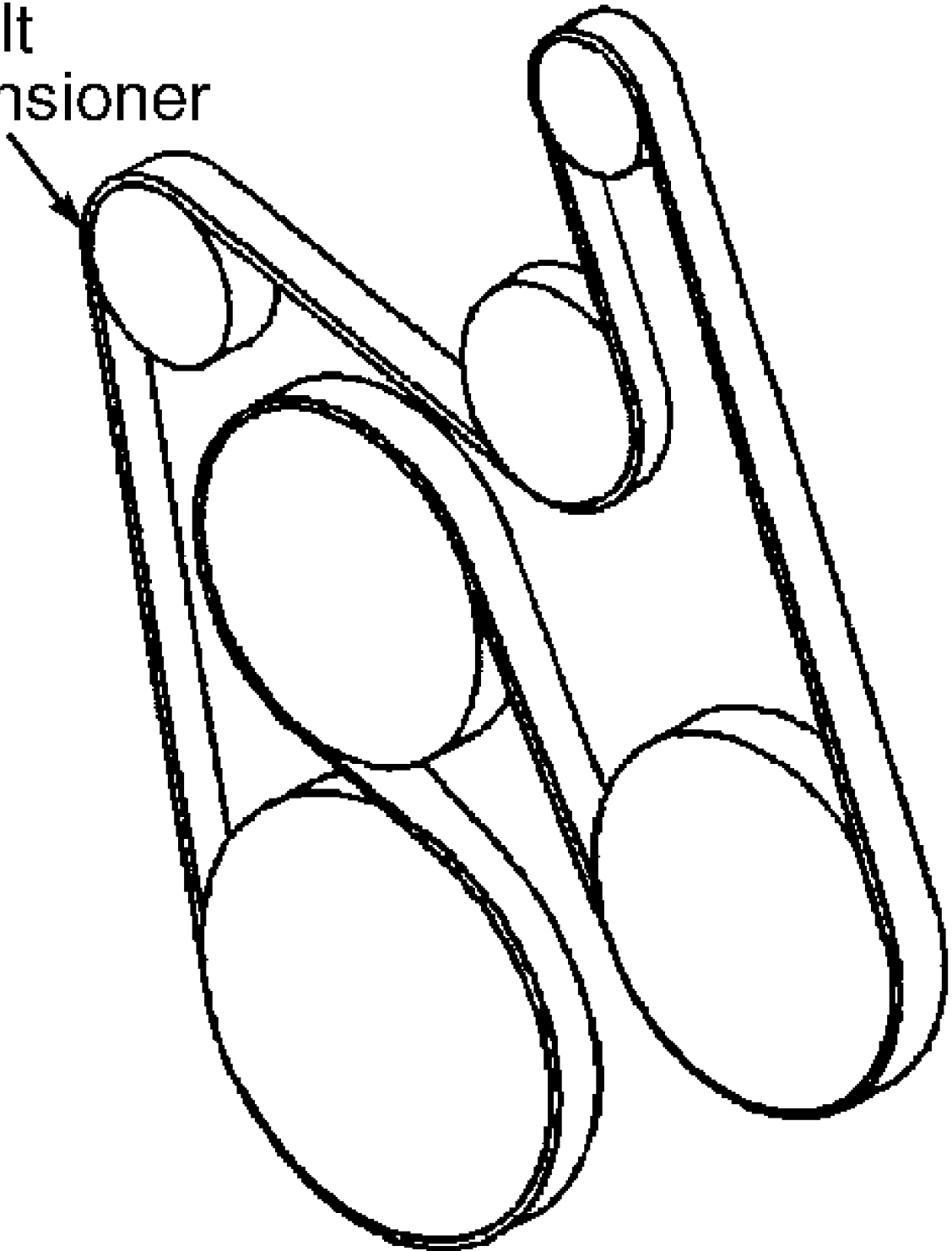
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Fig. 22: Serpentine Belt Routing (6.5L Turbo-Diesel "C", "G" & "K" Series Without Dual Generators)  
 Courtesy of General Motors Corp.



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 Fig. 23: Serpentine Belt Routing (6.6L Turbo-Diesel "C" & "K" Series)  
 Courtesy of General Motors Corp.

Belt  
Tensioner



**G00021037**

Fig. 24: Serpentine Belt Routing (8.1L "C", "G" & "K" Series )

Courtesy of General Motors Corp.

