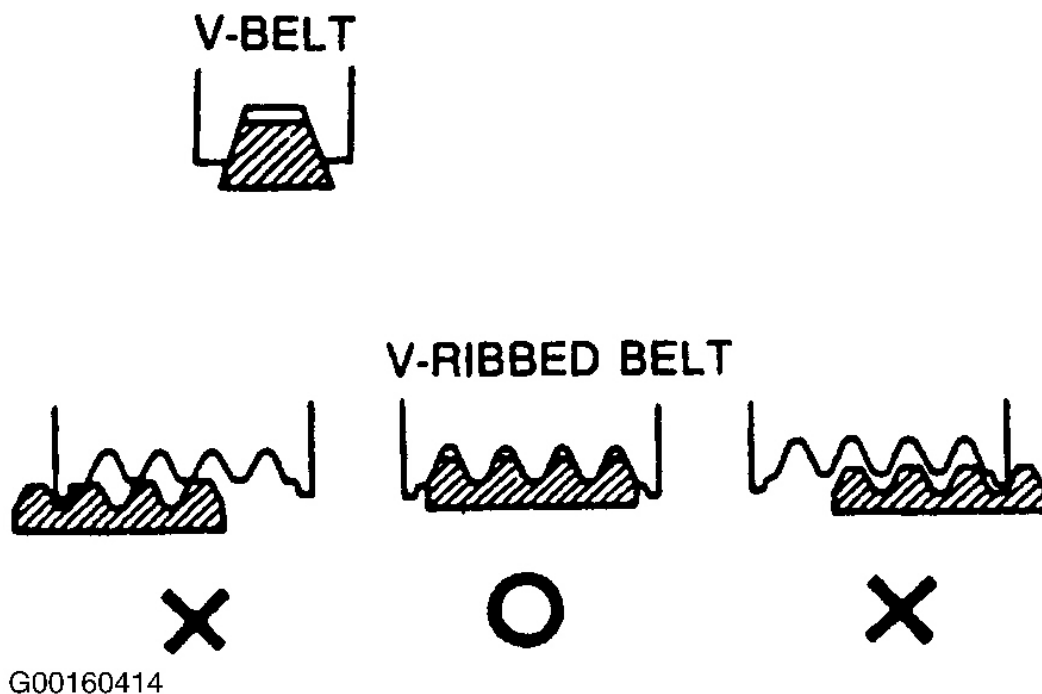


## DRIVE BELT ADJUSTMENT

**NOTE:** Ensure drive belts are not worn, cracked or frayed and are correctly mounted on pulleys. See Fig. 1 .

**NOTE:** If a new belt is used, adjust belt deflection at midpoint of new belt specification.

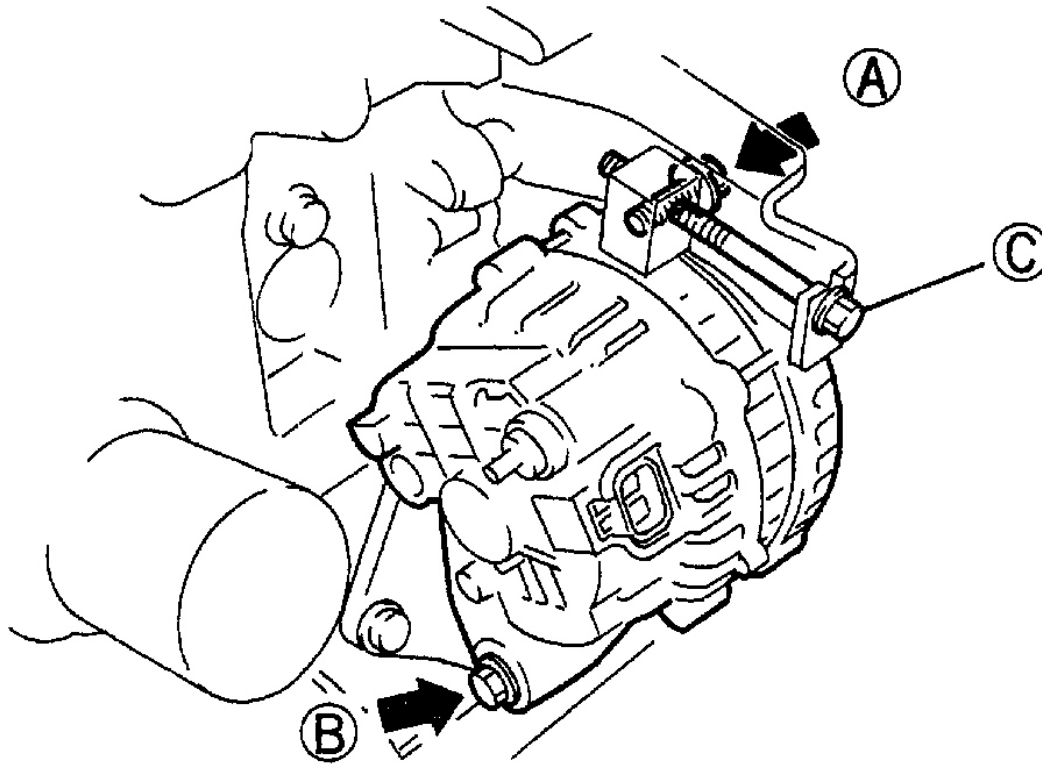


**Fig. 1: Identifying Correct Belt Mounting**  
 Courtesy of MAZDA MOTORS CORP.

### 2.0L ENGINE

#### Alternator

Loosen alternator mounting bolts "A" and "B" and adjust belt deflection by turning adjusting bolt "C". See Fig. 2 and Fig. 7 . See ADJUSTMENT SPECIFICATIONS . Tighten bolts to specification. See TORQUE SPECIFICATIONS .

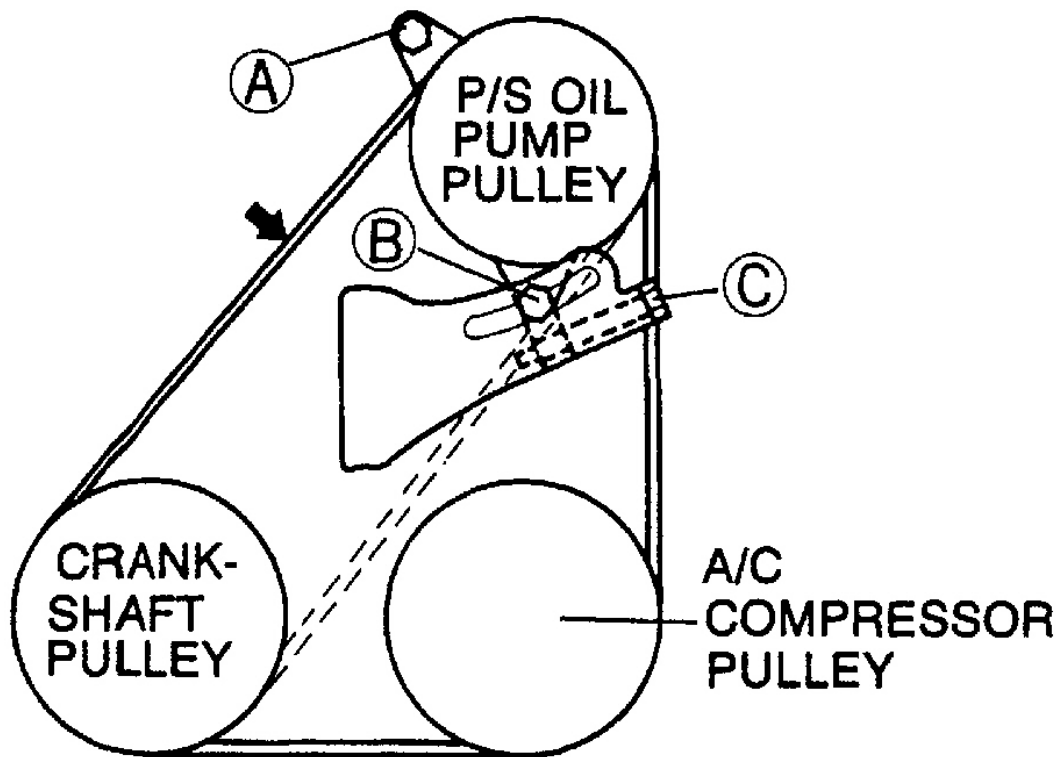


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**Fig. 2: Adjusting Alternator Belt (2.0L)**  
Courtesy of MAZDA MOTORS CORP.

**A/C Compressor/Power Steering Pump**

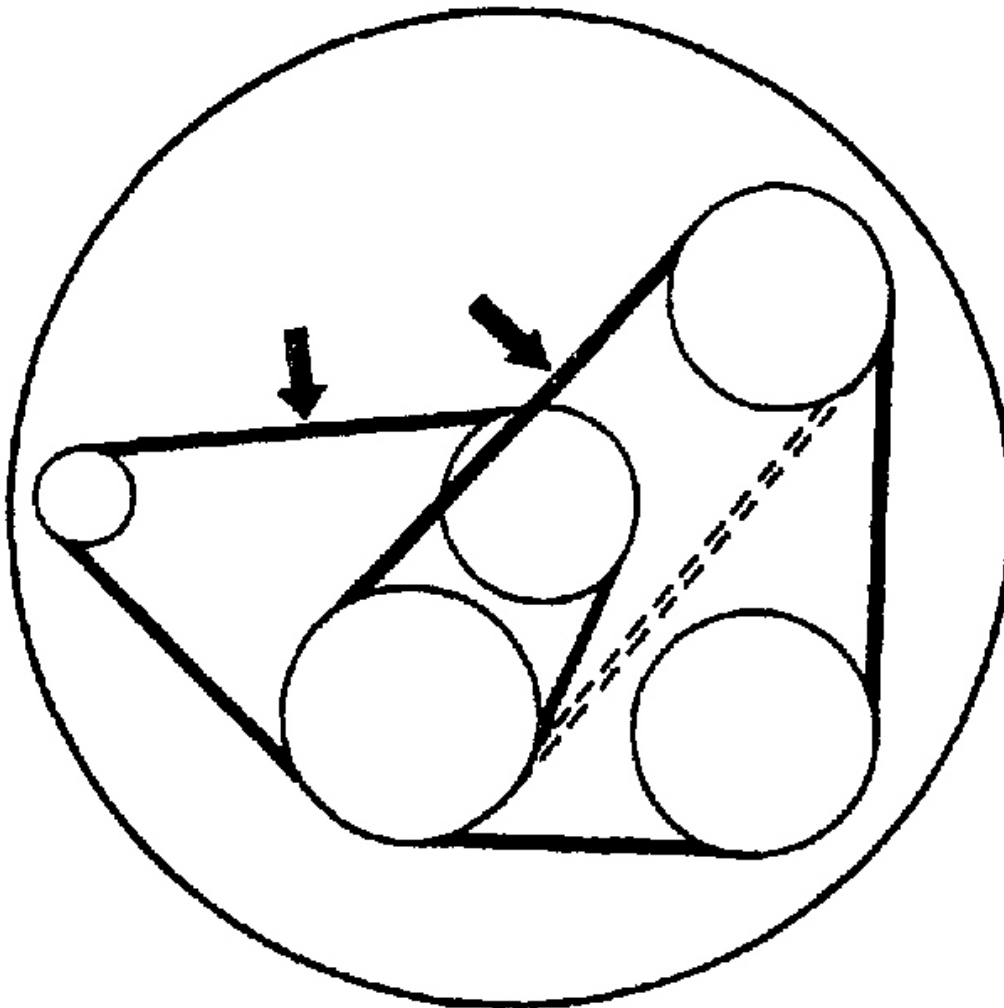
Loosen bolts "A" and "B" and adjust belt deflection by turning adjusting bolt "C". See **Fig. 3** and **Fig. 8** . See **ADJUSTMENT SPECIFICATIONS** . Tighten bolts to specification. See **TORQUE SPECIFICATIONS** .



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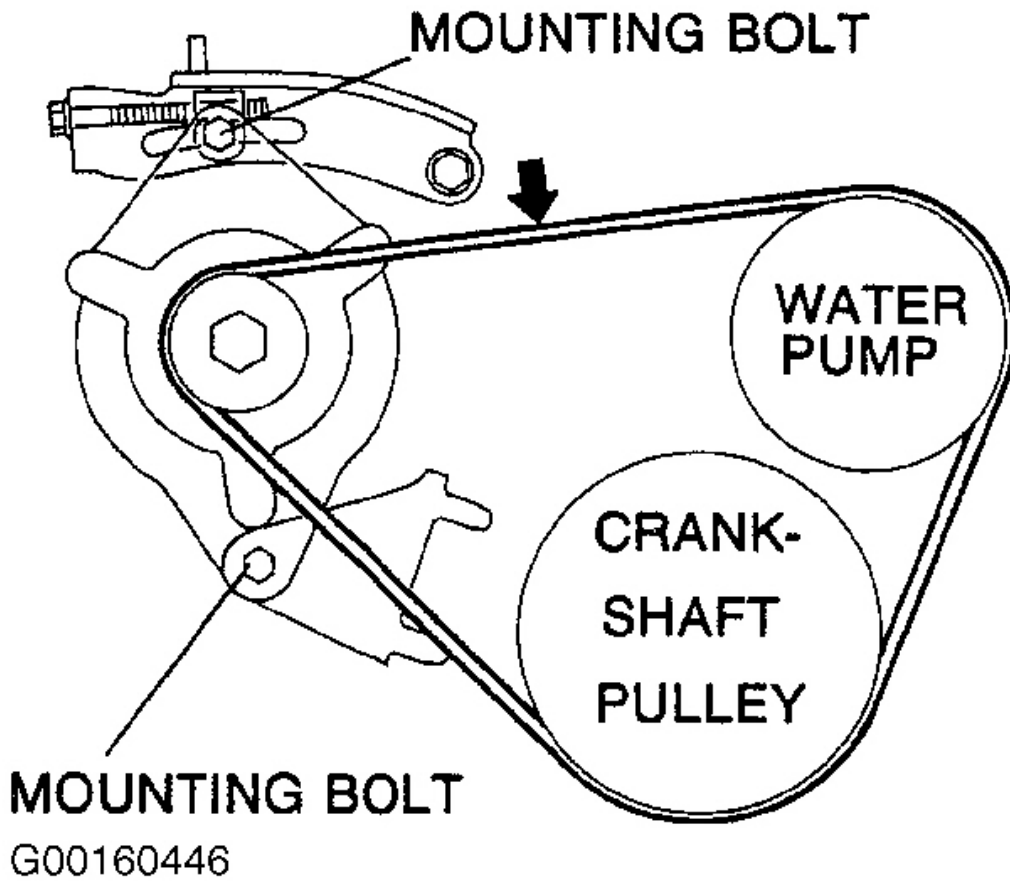
**Fig. 3: Adjusting A/C Compressor/Power Steering Pump Belt (2.0L)**  
Courtesy of MAZDA MOTORS CORP.

## DRIVE BELT ROUTING

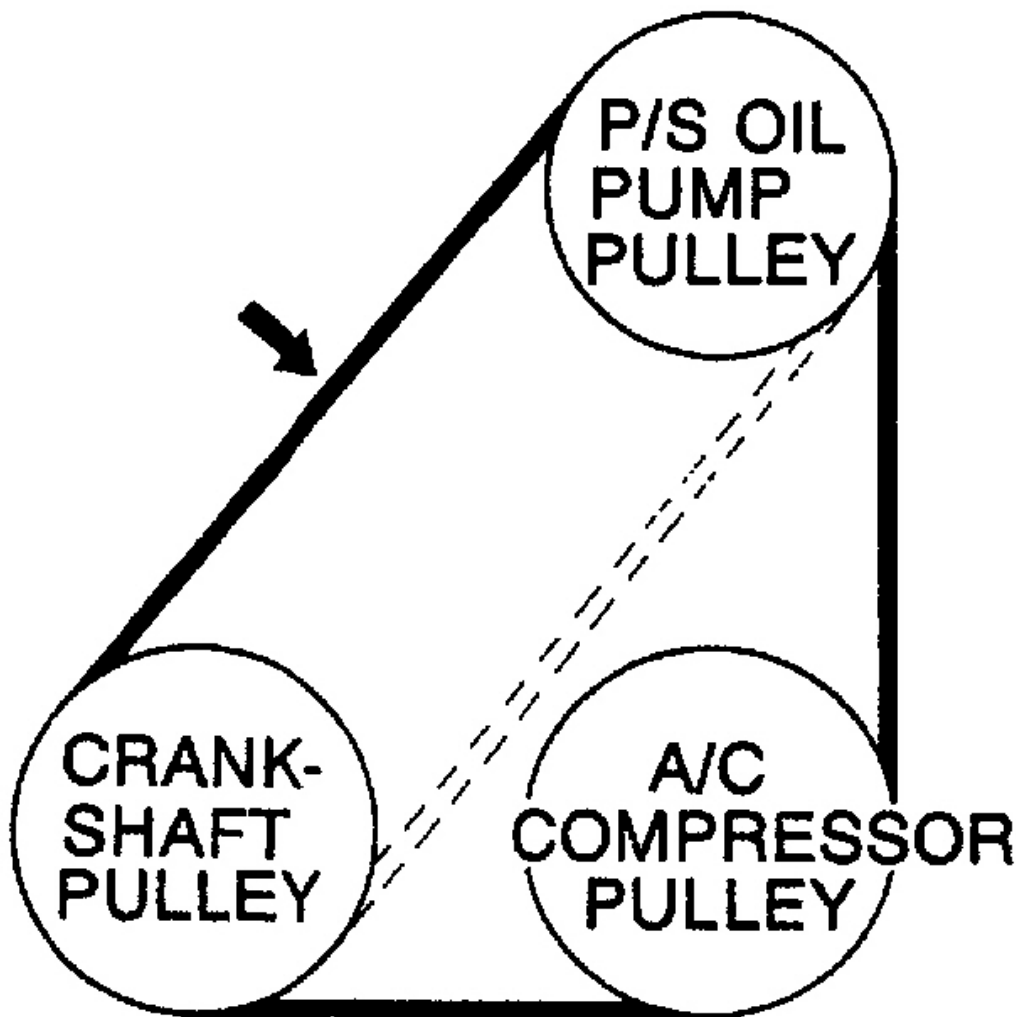


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**Fig. 6: Identifying Drive Belt Routing & Deflection Check Point (2.0L, 1 Of 3)**  
Courtesy of MAZDA MOTORS CORP.

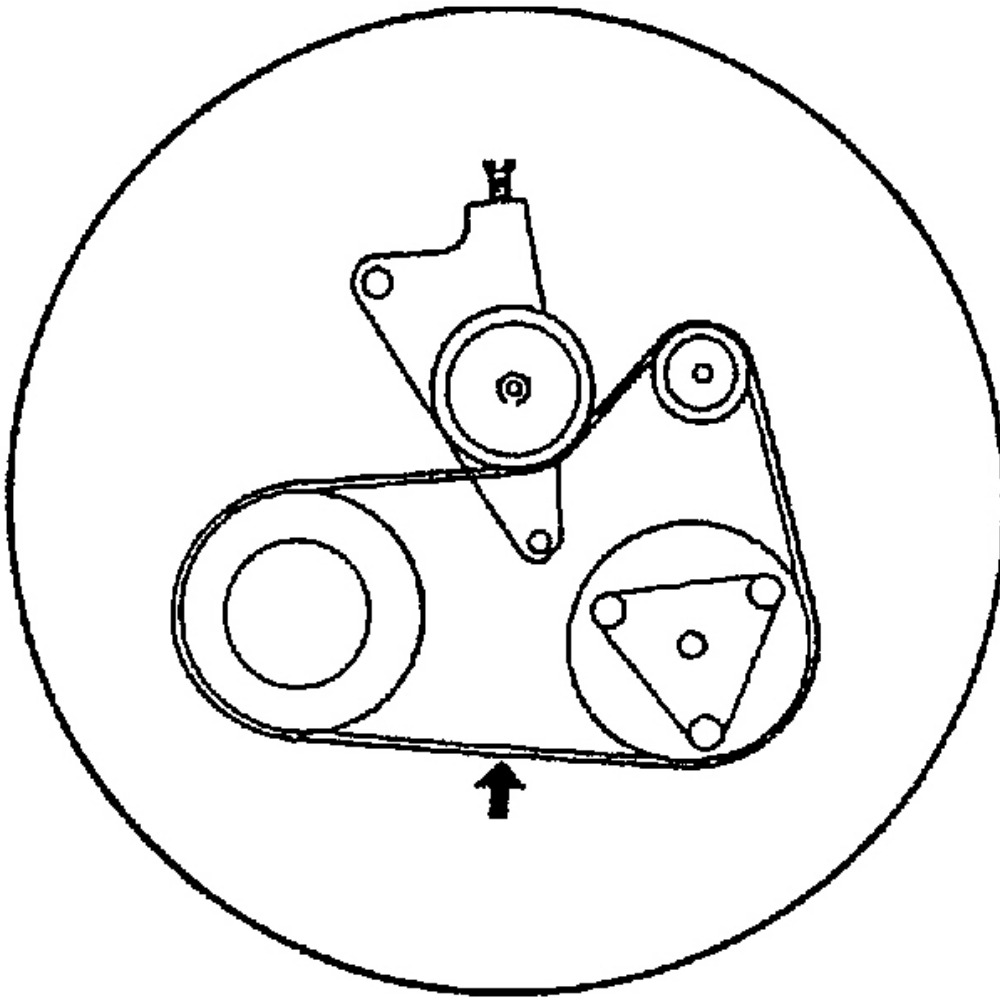


**Fig. 7: Identifying Drive Belt Routing & Deflection Check Point (2.0L, 2 Of 3)**  
Courtesy of MAZDA MOTORS CORP.



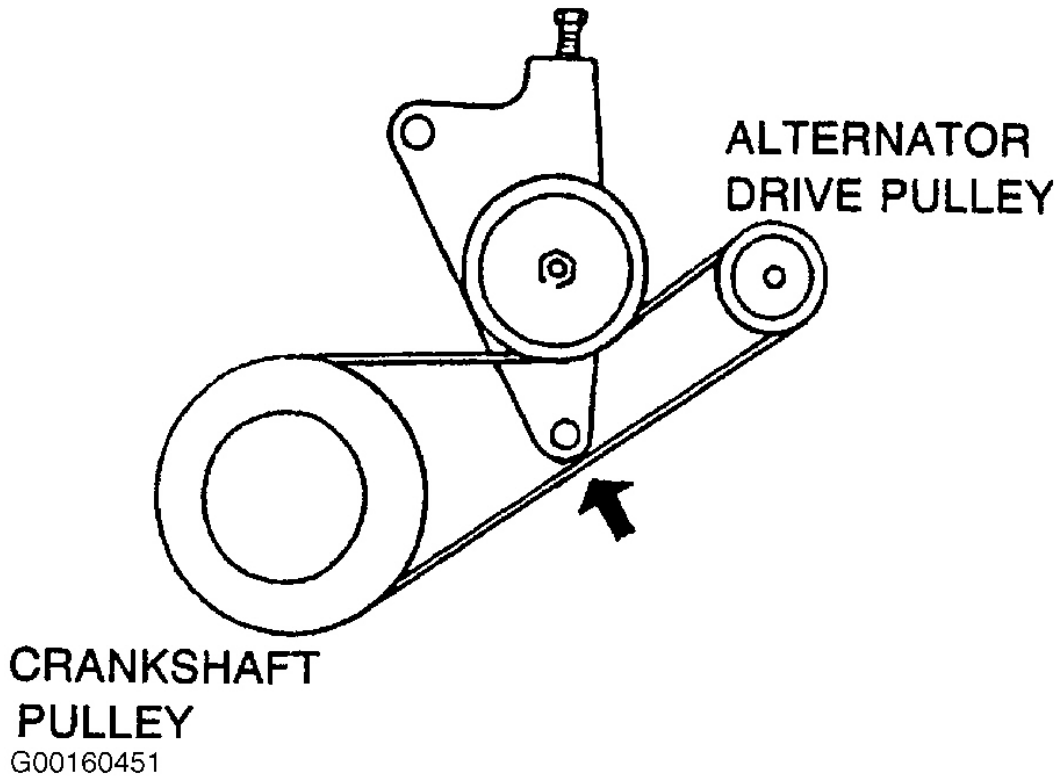
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**Fig. 8: Identifying Drive Belt Routing & Deflection Check Point (2.0L, 3 Of 3)**  
Courtesy of MAZDA MOTORS CORP.

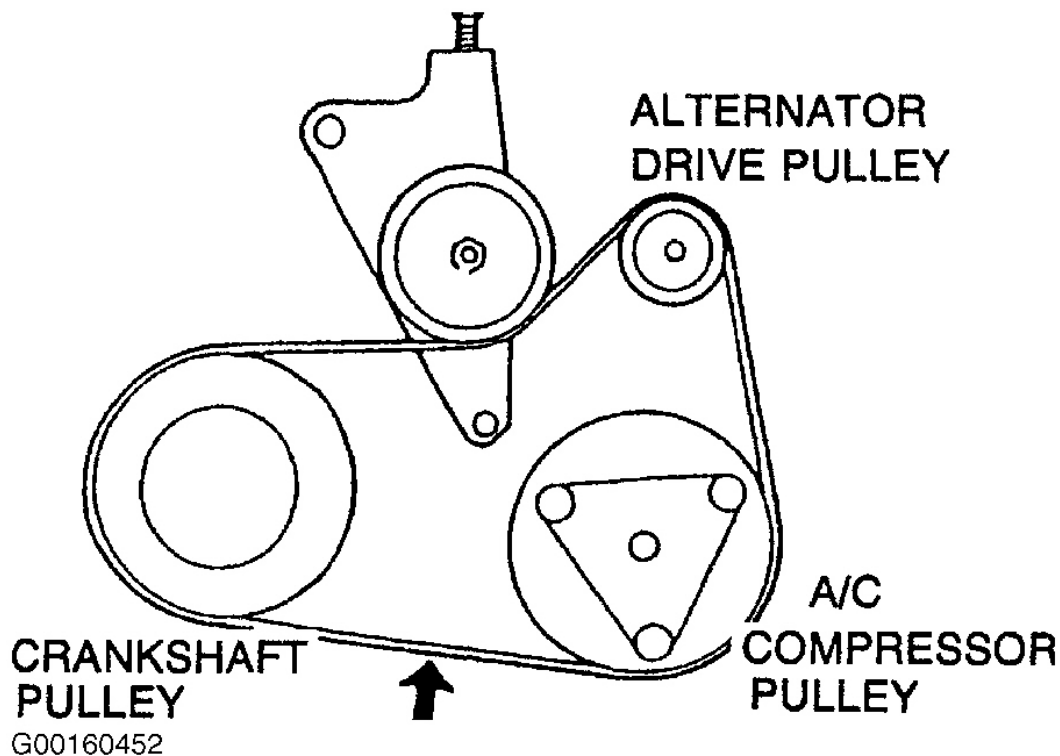


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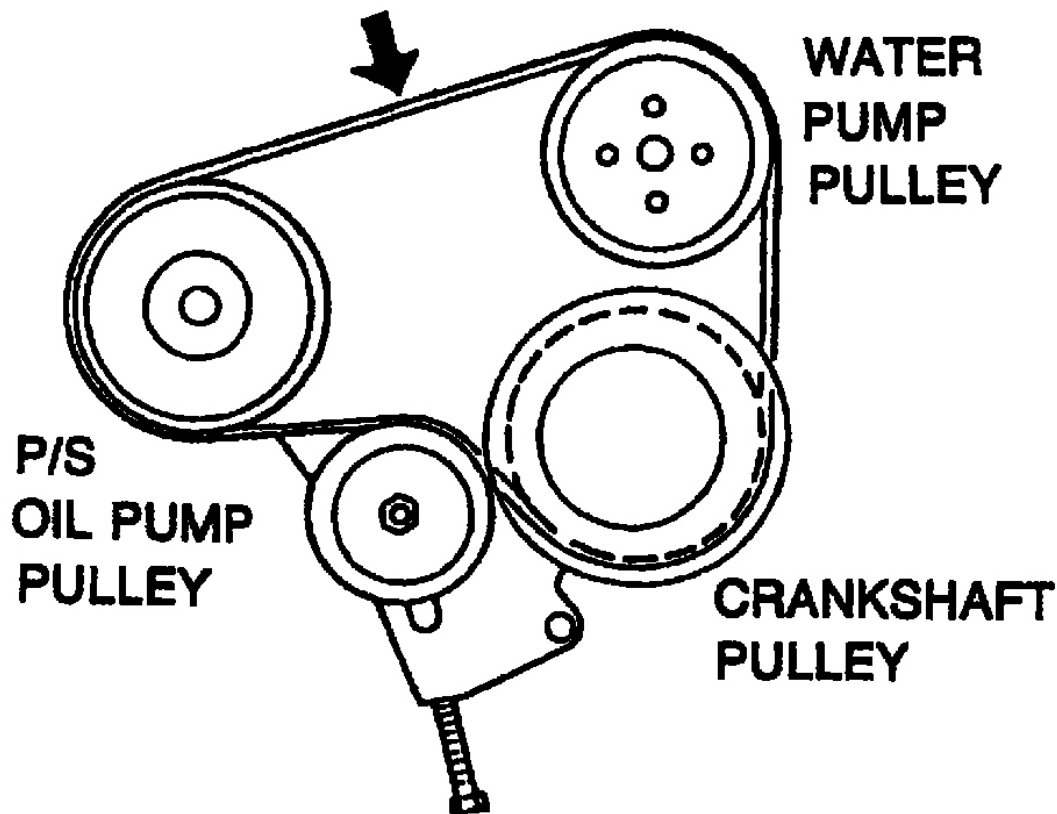
**Fig. 9: Identifying Drive Belt Routing & Deflection Check Point (2.5L, 1 Of 4)**  
Courtesy of MAZDA MOTORS CORP.



**Fig. 10: Identifying Drive Belt Routing & Deflection Check Point (2.5L, 2 Of 4)**  
Courtesy of MAZDA MOTORS CORP.



**Fig. 11: Identifying Drive Belt Routing & Deflection Check Point (2.5L, 3 Of 4)**  
Courtesy of MAZDA MOTORS CORP.



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**Fig. 12: Identifying Drive Belt Routing & Deflection Check Point (2.5L, 4 Of 4)**  
 Courtesy of MAZDA MOTORS CORP.

**ADJUSTMENT SPECIFICATIONS**

**NOTE:** Check belt deflection when engine is cold, or has bin off for 30 minutes.

**DEFLECTION SPECIFICATIONS (2.0L)**

Application	(1) Specification - In. (mm)
New Belt (2)	
Alternator	0.26-0.27 (6.5-7)
A/C Compressor/Power Steering Pump	0.30-0.35 (7.5-9)
Used Belt	
Alternator	0.27-0.35 (7-9)
A/C Compressor/Power Steering Pump	0.32-0.37 (8-9.5)
Wear Limit	

**1995 Mazda 626 ES**

1993-98 ENGINE COOLING' Drive Belt Routing & Adjustment - MX-6 & 626

Alternator	0.39 (10)
A/C Compressor/Power Steering Pump	0.43 (11)
(1) Deflection with 22 lbs. (10 kg) pressure applied midway on belt run.	
(2) Used on for less than 5 minutes.	

**DEFLECTION SPECIFICATIONS (2.5L)**

<b>Application</b>	<b>(1) Specification - In. (mm)</b>
New Belt <sup>(2)</sup>	
Alternator	0.24-0.27 (6-7)
A/C Compressor	0.22-0.25 (5.5-6.5)
Power Steering Pump	0.24-0.27 (6-7)
Used Belt	
Alternator	0.27-0.31 (7-8)
A/C Compressor	0.26-0.29 (6.5-7.5)
Power Steering Pump	0.27-0.31 (7-8)
Wear Limit	
Alternator	0.35 (9)
A/C Compressor	0.32 (8)
Power Steering Pump	0.35 (9)
(1) Deflection with 22 lbs. (10 kg) pressure applied midway on belt run.	
(2) Used on for less than 5 minutes.	

**TENSION SPECIFICATIONS (2.0L)**

<b>Application</b>	<b>(1) Specification - Lbs. (kg)</b>
New Belt <sup>(2)</sup>	
Alternator	170-180 (75-85)
A/C Compressor/Power Steering Pump	140-170 (60-80)
Used Belt	
Alternator	110-150 (50-70)
A/C Compressor/Power Steering Pump	110-150 (50-70)
Wear Limit	
Alternator	88 (40)
A/C Compressor/Power Steering Pump	88 (40)
(1) Tension measured using Tension Gauge (49 9200 020), or equivalent.	
(2) Used on for less than 5 minutes.	

**TENSION SPECIFICATIONS (2.5L)**

<b>Application</b>	<b>(1) Specification - Lbs. (kg)</b>

## 1995 Mazda 626 ES

1993-98 ENGINE COOLING' Drive Belt Routing & Adjustment - MX-6 & 626

New Belt <sup>(2)</sup>	
Alternator	160-190 (70-90)
A/C Compressor	160-190 (70-90)
Power Steering Pump	130-150 (55-70)
Used Belt	
Alternator	110-150 (50-70)
A/C Compressor	110-150 (50-70)
Power Steering Pump	88-120 (40-55)
Wear Limit	
Alternator	99 (45)
A/C Compressor	99 (45)
Power Steering Pump	77 (35)

(1) Tension measured using Tension Gauge (49 9200 020), or equivalent.

(2) Used on for less than 5 minutes.

## TORQUE SPECIFICATIONS

### TORQUE SPECIFICATIONS (2.0L)

Application	Ft. Lbs. (N.m)
Alternator Adjusting Bolt	
"A"	14-18 (19-25)
"B"	28-38 (38-51)
A/C Compressor Locknut/Power Steering Pump Locknut	
"A"	32-44 (44-60)
"B"	24-33 (32-46)

### TORQUE SPECIFICATIONS (2.5L)

Application	Ft. Lbs. (N.m)
Alternator & A/C Compressor Pulley Locknut	24-33 (32-46)
Alternator & Power Steering Pump Pulley Locknut	24-33 (32-46)

### DEFLECTION SPECIFICATIONS (2.0L)

Application	(1) Specification - In. (mm)
New Belt <sup>(2)</sup>	
Alternator	0.26-0.27 (6.5-7)
A/C Compressor/Power Steering Pump	0.30-0.35 (7.5-9)
Used Belt	
Alternator	0.27-0.35 (7-9)
A/C Compressor/Power Steering Pump	0.32-0.37 (8-9.5)

**1995 Mazda 626 ES**

1993-98 ENGINE COOLING' Drive Belt Routing &amp; Adjustment - MX-6 &amp; 626

**Wear Limit**

Alternator	0.39 (10)
A/C Compressor/Power Steering Pump	0.43 (11)

(1) Deflection with 22 lbs. (10 kg) pressure applied midway on belt run.

(2) Used on for less than 5 minutes.

**TENSION SPECIFICATIONS (2.0L)**

<b>Application</b>	<b>(1) Specification - Lbs. (kg)</b>
<b>New Belt (2)</b>	
Alternator	170-180 (75-85)
A/C Compressor/Power Steering Pump	140-170 (60-80)
<b>Used Belt</b>	
Alternator	110-150 (50-70)
A/C Compressor/Power Steering Pump	110-150 (50-70)
<b>Wear Limit</b>	
Alternator	88 (40)
A/C Compressor/Power Steering Pump	88 (40)
(1) Tension measured using Tension Gauge (49 9200 020), or equivalent.	
(2) Used on for less than 5 minutes.	

**TORQUE SPECIFICATIONS (2.0L)**

<b>Application</b>	<b>Ft. Lbs. (N.m)</b>
<b>Alternator Adjusting Bolt</b>	
"A"	14-18 (19-25)
"B"	28-38 (38-51)
<b>A/C Compressor Locknut/Power Steering Pump Locknut</b>	
"A"	32-44 (44-60)
"B"	24-33 (32-46)