

APPENDIX 1

TIMING BELT REPLACEMENT GUIDE

(The number in parentheses represents a footnote at the end of the vehicle listing.)

<i>Vehicle Manufacturer</i>	<i>Engine</i>	<i>Manufacturers' Recommended Replacement Intervals</i>	<i>Interference?</i>	<i>Engine Damage if Belt Breaks? (22)</i>
Acura	1.6L	(1)	Yes	Yes
	1.7L, 2.5L, & 2.7L V-6	90,000 miles or 72 months	Yes	Yes
	2.2L	105,000 miles or 84 months	Yes	Yes
	1.8L, 2.5L 5-Cyl	(2)	Yes	Yes
	3.2L V-6 (Legend & 3.2TL)	(2)	Yes	Yes
	3.0L, 3.5L	(3)	Yes	Yes
	3.2L, 3.5L (SLX)	60,000 miles	Yes	Yes
Alfa Romeo	3.0L	(1)	No	No
American Motors	2.0L	(1)	No	No
Audi	Gasoline Engines	(1)	No	No
BMW	Diesel Engines	(1)	Yes	Yes
	2.5L, 2.7L	60,000 miles (4)	Yes	Yes
Chrysler	1.4L, 1.5L, 1.6L SOHC and DOHC	60,000 miles	Yes	Yes
	1.8L, 3.0L SOHC	(5)	No	No
	3.0L DOHC	(5)	Yes	Yes
	1.7L	(1)	No	No
	2.0L, 2.4L SOHC	(6)	No	No
	2.0L DOHC	(6)	Yes	Yes
	2.2L SOHC, 2.5L	90,000 miles	No	No
	2.2L DOHC	90,000 miles	Yes	Yes
	2.3L Diesel	50,000 miles	Yes	Yes
	2.4L DOHC	(7)	Yes	Yes
	2.5L V-6	(8)	No	No
3.5L	105,000 miles	No	No	

(continued)

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Daewoo	1.6L, 2.0L	(1)	No	No
Daihatsu	1.0L	(9)	Yes	Yes
	1.3L	60,000 miles	Yes	Yes
Fiat	1.3L (Air Pump & Camshaft)	36,000 miles (10)	Yes	Yes
	1.5L, 2.0L	30,000 miles (10)	Yes	Yes
	1.6L	25,000 miles or 24 months (10)	Yes	Yes
	1.8L (1974–1977)	25,000 miles or 24 months (10)	Yes	Yes
	1.8L (1978)	25,000 miles (10)	Yes	Yes
Ford	1.3L, 1.6L SOHC (Ford)	60,000 miles	Yes	Yes
	1.6L SOHC (Mazda) & 1.6L DOHC, 1.8L	60,000 miles	No	No
	1.9L, 2.0L DOHC Gasoline (except Probe)	(1)	No	No
	2.0L SOHC Gasoline (except 1997 Escort/Tracer)	100,000 miles	No	No
	2.0L SOHC Gasoline (1997 Escort/Tracer)	(1)	No	No
	2.0L DOHC Gasoline (Probe) 2.5L V-6	60,000 miles	No	No
	2.2L	60,000 miles	Yes	Yes
	2.0L Diesel, 2.3L Diesel (Camshaft and Balance Shaft Belts)	(1)	Yes	Yes
	2.3L SOHC Gasoline	(1)	No	No
	3.0L & 3.2L SHO	100,000 miles	No	No
General Motors	1.0L, 1.4L, 1.6L, 1.8L Gasoline	(1)	No	No
	1.0L Diesel	(1)	Yes	Yes
	2.0L, 2.3L	(1)	No	No
	3.0L V-6	(1)	Yes	Yes
	1.5L, 2.2L Diesel	60,000 miles	Yes	Yes
	3.4L DOHC	60,000 miles	No	No
GEO	1.0L, 1.6L SOHC (Tracker)	(11)	No	No
	1.3L	100,000 miles	No	No
	1.5L	60,000 miles	Yes	Yes
	1.6L DOHC (Storm)	(1)	No	No

<i>Vehicle Manufacturer</i>	<i>Engine</i>	<i>Manufacturers' Recommended Replacement Intervals</i>	<i>Interference?</i>	<i>Engine Damage if Belt Breaks? (22)</i>
GEO (cont.)	1.6L SOHC & DOHC (Prizm), 1.8L DOHC, 1993 & Prior	60,000 miles	Yes	Yes
	1.6L SOHC & DOHC (Prizm)	(1)	No	No
	1.8L DOHC (Prizm) 1994 and Later	(1)	No	No
	1.8L DOHC (Storm) 1994 & Later	(1)	Yes	Yes
Honda	1.2L, 1.3L, 1.8L	(1)	Yes	Yes
	1.5L, 1.6L, 2.0L DOHC	(12)	Yes	Yes
	2.0L SOHC	(12)	No	No
	2.1L, 2.3L	90,000 miles or 72 months	Yes	Yes
	2.2L SOHC & DOHC, 2.7L	(12)	Yes	Yes
	2.6L	60,000 miles	Yes	Yes
	3.2L	60,000 miles	No	No
Hyundai	1.5L, 1.6L, 1.8L, 2.0L, 2.4L	60,000 miles	Yes	Yes
	3.0L (1995 & Prior)	60,000 miles	No	No
	1.5L, 1.6L, 1.8L, 2.0L, 2.4L	(1)	Yes	Yes
	3.0L (1996 & Later)	(1)	No	No
Infiniti	3.0L (1993 & Prior)	60,000 miles	Yes	Yes
	3.0L (1994 & Later)	105,000 miles	Yes	Yes
	3.3L	105,000 miles	Yes	Yes
Isuzu	1.5L, 1.6L DOHC, 1.8L DOHC Gasoline	60,000 miles	Yes	Yes
	1.6L SOHC	60,000 miles	No	No
	1.8L Diesel, 2.0L, 2.2L Diesel, 2.3L, 2.6L	60,000 miles	Yes	Yes
	3.2L, 3.5L	60,000 miles	Yes	Yes
Jeep	2.0L	(1)	No	No
KIA	1.6L DOHC, 1.8L DOHC, 2.0L DOHC	(13)	Yes	Yes
	1.6L SOHC, 2.0L SOHC	(13)	No	No
Lancia	1.8L	25,000 miles	Yes	Yes
Lexus	2.5 L	60,000 miles	No	No
	3.0L Inline, 3.0L V-6, 4.0L V-8	(21)	No	No

(continued)

<i>Vehicle Manufacturer</i>	<i>Engine</i>	<i>Manufacturers' Recommended Replacement Intervals</i>	<i>Interference?</i>	<i>Engine Damage if Belt Breaks? (22)</i>
Mazda	1.6L SOHC & DOHC, 1.8L SOHC & DOHC 4-Cyl	60,000 miles	No	No
	1.8L V-6	105,000 miles	No	No
	2.0L SOHC	60,000 miles	No	No
	2.0L DOHC, 2.2L	60,000 miles	Yes	Yes
	2.0L Diesel (Camshaft & Injection Pump)	100,000 miles	Yes	Yes
	2.3L (B2300)	(1)	No	No
	2.3L V-6, 2.5L	60,000 miles	No	No
	3.0L SOHC & DOHC	60,000 miles	Yes	Yes
Mitsubishi	1.5L, 1.6L SOHC & DOHC, 1.8L, 2.0L DOHC	(5)	Yes	Yes
	1.8L & 2.0L SOHC, 2.4L SOHC, 3.0L SOHC	(5)	No	No
	2.3L Diesel, 2.4L DOHC, & 3.0L DOHC, 3.5L	(5)	Yes	Yes
Nissan	1.5L	(1)	Yes	Yes
	1.6L SOHC, 1.7L Diesel, 2.0L, 3.0L SOHC	(14)	Yes	Yes
	1.6L DOHC, 1.8L DOHC	60,000 miles	Yes	Yes
	3.0L DOHC	(15)	Yes	Yes
	3.3L	105,000 miles	Yes	Yes
Peugeot	1.9L	(1)	No	No
	2.2L	(1)	Yes	Yes
Porsche	2.0L, 2.5L, 2.7L, 3.0L	(16)	Yes	Yes
	4.5L, 4.7L, 5.0L, 5.4L	(17)	Yes	Yes
Renault	1.7L	(1)	Yes	Yes
	2.2L	(1)	No	No
Saab	2.5L & 3.0L	(1)	Yes	Yes
Sterling	2.5L & 2.7L	(1)	Yes	Yes
Subaru	1.2L, 2.2L, 2.7L, 3.3L, 1.8L (Impreza)	60,000 miles	No	No
	1.8L (except Impreza)	52,000 miles	No	No
Suzuki	1.3L SOHC, 1.6L (8-Valve)	(18)	No	No
	1.3L DOHC, 1.6L (16-Valve)	(18)	Yes	Yes

<i>Vehicle Manufacturer</i>	<i>Engine</i>	<i>Manufacturers' Recommended Replacement Intervals</i>	<i>Interference?</i>	<i>Engine Damage if Belt Breaks? (22)</i>
Toyota	1.5L, 1.6L DOHC	(21)	Yes	Yes
	1.6L SOHC, 1.8L Gasoline	(21)	No	No
	1.8L Diesel, 2.2L Diesel	60,000 miles	Yes	Yes
	2.5L, 2.8L	60,000 miles	No	No
	2.0L, 2.2L Gasoline, 3.0L Inline, 3.0L V-6	(21)	No	No
	2.4L Diesel	100,000 miles	Yes	Yes
	3.4L	(1)	No	No
Volkswagen	Gasoline Engine	(1)	No	No
	Diesel Engine	(1)	Yes	Yes
Volvo	2.1L, 2.3L (B23), 2.3L 4-Cyl (B230, B230F, & B230FT)	(19)	Yes	Yes
	2.3L 4-Cyl (B234)	50,000 miles	Yes	Yes
	2.3L 5-Cyl, 2.4L 5-Cyl Gasoline	70,000 miles	Yes	Yes
	2.9L	70,000 miles	No	No
Yugo	1.1L & 1.3L	(20)	Yes	Yes

Footnotes

(1) Manufacturer does not recommend a specific maintenance interval.

(2) On 1996 and prior models, 90,000 miles or 72 months; on 1997 models, under normal conditions, 105,000 miles or 84 months (60,000 miles if the vehicle is operated at ambient temperatures under -20°F or above 110°F).

(3) Under normal conditions, 105,000 miles or 84 months (60,000 miles if the vehicle is operated at ambient temperatures under -20°F or above 110°F).

(4) When the tensioner roller has been released, regardless of belt age or condition. After replacement, a label indicating the mileage and date that service has been performed should be affixed to the cylinder head cover.

(5) On 1994 and prior models, 60,000 miles; on 1995 to 1997 California models, 60,000 miles is recommended but not required; on all 1995 to 1997 models, at 100,000 miles (if not previously replaced).

(6) 1994 and prior models, intervals of 60,000 miles; on 1995 to 1997 Breeze, Cirrus, Stratus, and Sebring Convertible models, 105,000-mile intervals are recommended but not required. On Avenger and Sebring (except convertible), Summit Wagon, and Talon California models, 60,000-mile intervals are recommended but not required. On all 1995 to 1997 Avenger, Sebring (except convertible), Summit Wagon, and Talon models, at 100,000 miles (if not previously replaced).

(7) On California models, 60,000-mile intervals are recommended but not required; on all models, replace at 100,000 miles (if not previously replaced).

(8) On Breeze, Cirrus, Stratus, and Sebring Convertible models, 105,000-mile intervals are recommended but not required; on Avenger and Sebring California models (except convertible), 60,000-mile intervals are recommended but not required; on Avenger and Sebring models (except convertible), at 100,000 miles (if not previously replaced).

(9) 60,000-mile intervals if vehicle operates under extensive idling, low-speed driving for long distances, on dusty, muddy, or rough roads.

(10) Timing belt must be replaced any time tension is relieved.

(11) On 1996 and prior models, inspect and adjust belt at 30,000 and 60,000 miles; replace timing belt at 60,000 miles. On 1996 and later models, inspect and adjust belt at 30,000- and 60,000-mile intervals; replace timing belt at 100,000 miles.

(12) On 1989 and prior models, manufacturer does not recommend a specific interval; on 1990 to 1996 models, 90,000-mile intervals or 72 months; on 1997 models, under normal conditions, at intervals of 105,000 miles or 84 months (60,000-mile intervals if operated at ambient temperatures under -20°F or above 110°F).

(13) On non-California models, 60,000-mile intervals; on California models, inspect at 60,000-mile intervals and replace at 90,000-mile intervals.

(14) On 1985 and prior models, manufacturer does not recommend a specific interval; on 1986 to 1993 models, 60,000-mile intervals; on 1994 to 1997 and later models, 105,000-mile intervals.

(15) On early 1993 and prior models, 60,000-mile intervals; on late 1993 and later models less turbo, 105,000-mile intervals; on late 1993 and later models with turbo, 60,000-mile intervals.

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- (16) Under normal operation, 45,000-mile intervals; check tension at 2,000 miles, then every 15,000 miles.
- (17) Under normal operation, 60,000-mile intervals; check tension at 2,000 miles, then every 15,000 miles.
- (18) On 1994 and prior models, manufacturer does not recommend a specific interval; on 1995 to 1997 California models, 60,000-mile intervals are recommended but not required; on all 1995 to 1997 models, at 100,000 miles (if not previously replaced).
- (19) On 1985 and prior models, 40,000-mile intervals; 1986 to 1994 and later models, 50,000-mile intervals; 1995 and later models, 100,000-mile intervals.
- (20) Inspect every 15,000 miles.
- (21) On 1993 and prior models, replace at 60,000-mile intervals; on 1994 and later models, manufacturer does not recommend a specific maintenance interval.
- (22) Always check for engine damage that can still occur in the event of a timing belt failure even if “no” is listed.