

INTERFERENCE VERIFICATION CHECK FOR OHC ENGINE

Article Text

1991 Volkswagen Vanagon
For Volkswagen Technical Site
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Saturday, March 18, 2000 09:17PM

ARTICLE BEGINNING

Maintenance & Service Information
1974-96 Volkswagen - Timing Belt Information

Cabrio, Cabriolet, Corrado, Dasher, Eurovan (Canadian), Fox, Golf, Golf (Canadian), GTI, GTI (Canadian), Jetta, Jetta GLI, Passat, Passat (Canadian), Pickup, Quantum, Rabbit, Scirocco, Scirocco (Canadian), Transporter (Canadian), Vanagon

TIMING BELT INTERFERENCE VERIFICATION INFORMATION

TIMING BELT INTERFERENCE CAUTION

NOTE: CAMSHAFT DRIVE BELTS OR TIMING BELTS - The condition of camshaft drive belts should always be checked on vehicles which have more than 50,000 miles. Although some manufacturers do not recommend replacement at a specified mileage, others require it at 60,000-100,000 miles. A camshaft drive belt failure may cause extensive damage to internal engine components on most engines, although some designs do not allow piston-to-valve contact. These designs are often called "Free Wheeling". Many manufacturers changed their maintenance and warranty schedules in the mid-1980's to reflect timing belt inspection and/or replacement at 50,000-60,000 miles. Most service interval schedules shown in this section reflect these changes. Belts or components should be inspected and replaced if any of the following conditions exist:

- * Crack Or Tears In Belt Surface
- * Missing, Damaged, Cracked Or Rounded Teeth
- * Oil Contamination
- * Damaged Or Faulty Tensioners
- * Incorrect Tension Adjustment

TIMING BELT INTERFERENCE CHECK MENU

TIMING BELT INTERFERENCE VERIF. TABLE - PASSENGER CARS (1)
AA

Application	Engine	Replacement Interval (Miles)
Cabrio		
1995-96	2.0L 4-Cyl.	(3) 60,000
Cabriolet		
1985-89	1.8L 4-Cyl. (DOHC)	(3) 60,000
	1.8L 4-Cyl. (SOHC)	(3) 60,000
1990-93	1.8L 4-Cyl.	(3) 60,000
Corrado		
1990-92	1.8L 4-Cyl.	(3) 60,000
Dasher		

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1976-80 (2) 1.5L 4-Cyl. Diesel (3) 60,000
1974-80 1.6L 4-Cyl. (3) 60,000
1981-80 (2) 1.6L 4-Cyl.	
	Diesel & Turbo Diesel (3) 60,000
Fox		
1987-93	..... 1.8L 4-Cyl.	..... (3) 60,000
Golf		
1985-88	..... (2) 1.6L 4-Cyl. Diesel	..... (3) 60,000
1985-89	..... 1.8L 4-Cyl. (DOHC)	..... (3) 60,000
1985-93	..... 1.8L 4-Cyl. (SOHC)	..... (3) 60,000
1990-92	..... 1.8L 4-Cyl.	..... (3) 60,000
1993-96	..... 2.0L 4-Cyl.	..... (3) 60,000
Golf (Canadian)		
1985-92	..... (2) 1.6L 4-Cyl. Diesel	..... (3) 60,000
1993	..... 1.8L 4-Cyl.	..... (3) 60,000
GTI		
1983-84	..... (2) 1.6L 4-Cyl. Diesel	..... (3) 60,000
	(2) 1.6L 4-Cyl. Turbo Diesel	... (3) 60,000
	1.7L 4-Cyl.	..... (3) 60,000
	1.8L 4-Cyl.	..... (3) 60,000
1985-89	..... 1.8L 4-Cyl. (DOHC)	..... (3) 60,000
1983-92	..... 1.8L 4-Cyl. (SOHC)	..... (3) 60,000
1990-92	..... 1.8L 4-Cyl.	..... (3) 60,000
1990-96	..... 2.0L 4-Cyl.	..... (3) 60,000
GTI (Canadian)		
1993	..... 2.0L 4-Cyl.	..... (3) 60,000
Jetta		
1980	..... 1.6L 4-Cyl.	..... (3) 60,000
1981-92	..... (2) 1.6L 4-Cyl.	
	Diesel & Turbo Diesel	..... (3) 60,000
1983-84	..... 1.7L 4-Cyl.	..... (3) 60,000
	1.8L 4-Cyl.	..... (3) 60,000
1985-89	..... 1.8L 4-Cyl. (DOHC)	..... (3) 60,000
1983-92	..... 1.8L 4-Cyl. (SOHC)	..... (3) 60,000
1990-92	..... 1.8L 4-Cyl.	..... (3) 60,000
1993-96	..... 2.0L 4-Cyl.	..... (3) 60,000
Jetta GLI		
1990-92	..... 2.0L 4-Cyl.	..... (3) 60,000
Passat		
1990-96	..... 2.0L 4-Cyl.	..... (3) 60,000
Passat (Canadian)		
1993	..... 1.8L 4-Cyl.	..... (3) 60,000
Quantum		
1981-86	..... (2) 1.6L 4-Cyl.	
	Diesel & Turbo Diesel	..... (3) 60,000
1981-84	..... 1.7L 4-Cyl.	..... (3) 60,000
1984-85	..... 2.1L 5-Cyl.	..... (3) 60,000
1983-88 2.2L 5-Cyl. (3) 60,000
1985-86 1.8L 4-Cyl. (3) 60,000
Rabbit		
1974-79 1.5L 4-Cyl. (3) 60,000
	1.6L 4-Cyl. (3) 60,000

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1976-80	(2) 1.5L 4-Cyl. Diesel	(3) 60,000
1981-84	(2) 1.6L 4-Cyl.		
		Diesel & Turbo Diesel	(3) 60,000
1983-84	.....	1.7L 4-Cyl.	.....	(3) 60,000
		1.8L 4-Cyl.	.....	(3) 60,000
Scirocco				
1976-79	.....	1.5L 4-Cyl.	.....	(3) 60,000
1976-80	.....	1.6L 4-Cyl.	.....	(3) 60,000
1983-84	.....	1.7L 4-Cyl.	.....	(3) 60,000
		1.8L 4-Cyl.	.....	(3) 60,000
1985-89	.....	1.8L 4-Cyl. (DOHC)	.....	(3) 60,000
		1.8L 4-Cyl. (SOHC)	.....	(3) 60,000
Scirocco (Canadian)				
1989	.....	1.8L 4-Cyl. (DOHC)	.....	(3) 60,000
		1.8L 4-Cyl. (SOHC)	.....	(3) 60,000

- (1) - Other interference engine applications may exist which are not indicated here.
- (2) - Interference engine. Check for possible damage to piston(s) or valve(s) if there has been a timing belt failure.
- (3) - Although the vehicle manufacturer does not recommend a specific scheduled maintenance interval, aftermarket belt manufacturers suggest the belt be replaced at 60,000 mile intervals.
- (4) - Vehicle manufacturer recommends replacing all belts at the same time.

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TIMING BELT INTERFERENCE VERIF. TABLE - LIGHT TRUCKS (1)

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Application	Engine	Replacement Interval (Miles)
Eurovan (Canadian)		
1992-96 2.5L 5-Cyl. (3) 60,000
Pickup		
1980	..... (2) 1.5L 4-Cyl. Diesel	..... (3) 60,000
1980-83	..... 1.6L 4-Cyl.	..... (3) 60,000
1981-83	..... (2) 1.6L 4-Cyl. Diesel	..... (3) 60,000
	..... 1.7L 4-Cyl.	..... (3) 60,000
Transporter (Canadian)		
1992-96	..... 2.5L 5-Cyl.	..... (3) 60,000
Vanagon		
1981-82	..... (2) 1.6L 4-Cyl. Diesel	..... (3) 60,000

- (1) - Other interference engine applications may exist which are not indicated here.
- (2) - Interference engine. Check for possible damage to piston(s) or valve(s) if there has been a timing belt failure.
- (3) - Although the vehicle manufacturer does not recommend a

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specific scheduled maintenance interval, aftermarket
belt manufacturers suggest the belt be replaced at
60,000 mile intervals.

(4) - Vehicle manufacturer recommends replacing all belts at
the same time.

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END OF ARTICLE