

# INTERFERENCE VERIFICATION CHECK FOR OHC ENGINE

## 1991 Mazda Miata

Maintenance & Service Information  
1983-96 Mazda - Timing Belt Information

B2000, B2200, B2300, Miata, Millenia, MPV, MX-3, MX-6,  
Precedia (Canadian), Protege, Serenia (Canadian), 323,  
323 Canadian, 626, 929

### 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 VERIFICATION TABLE (1)

Application	Engine	Replacement Interval (Miles)
Passenger Cars		
Miata		
1990-94	1.6L 4-Cyl.	60,000
1995-96	1.8L 4-Cyl.	60,000
Millenia		
1995-96	2.3L V6	60,000
	2.5L V6	60,000
MX-3		
1994-95	1.6L 4-Cyl.	60,000
1992-94	1.8L V6	105,000
MX-6		
1988-92	(2) 2.2L 4-Cyl.	60,000
1993-96	(2) 2.0L	60,000
	2.5L V6	60,000
Precedia (Canadian)		
1992-94	1.6L 4-Cyl.	60,000
	1.8L V6	105,000
Protege		
1990-95	1.8L 4-Cyl.	60,000

Serenia (Canadian)		
1992-95	(2) 3.0L V6	60,000
323		
1986-94	1.6L 4-Cyl.	60,000
323 (Canadian)		
1990-91	1.8L 4-Cyl (DOHC)	60,000
1990-91	1.8L 4-Cyl (SOHC)	60,000
626		
1983-96	(2) 2.0L 4-Cyl.	60,000
1984-85	(2) 2.0L 4-Cyl. Diesel	(3) 60,000
1988-92	(2) 2.2L 4-Cyl.	60,000
1993-96	2.5L V6	60,000
929		
1988-89	(2) 3.0L V6	60,000
1990-91	(2) 3.0L V6 (DOHC)	60,000
	(2) 3.0L V6 (SOHC)	60,000
1992-95	(2) 3.0L V6	60,000
Light Trucks		
B2000		
1986-87	2.0L 4-Cyl.	60,000
B2200		
1987-93	(2) 2.2L 4-Cyl.	60,000
B2300		
1994-96	2.3L 4-Cyl.	60,000
MPV		
1989-96	(2) 3.0L V6	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) - Vehicle manufacturer recommends replacing all belts at the same time.
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