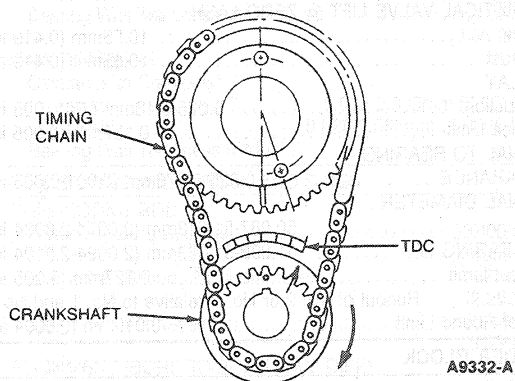


## INSPECTION (Continued)

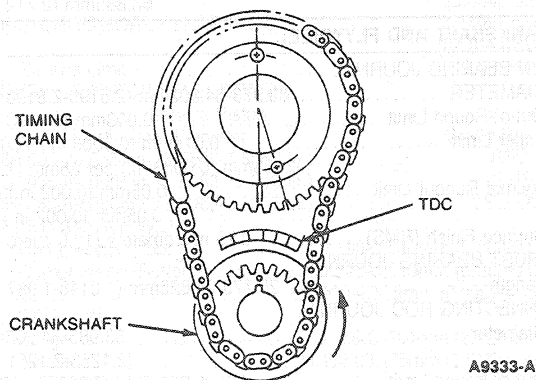
**Timing Chain Deflection**

1. Remove LH valve rocker arm cover.
2. Loosen No. 5 exhaust rocker arm and rotate to one side.
3. Install Rotunda Dial Indicator with Bracketry 014-00282 or equivalent on the end of push rod.
4. Turn crankshaft clockwise until No. 1 piston is at TDC. The damper timing mark should point to TDC on the timing degree indicator.



This will also take up slack on RH side of chain.

5. Zero dial indicator.
6. Slowly turn crankshaft counterclockwise until the slightest movement is seen on dial indicator. Stop, and observe damper timing mark for number of degrees of travel from TDC.



7. If reading on timing degree indicator exceeds 6 degrees, replace timing chain and sprockets.

**Hydraulic Valve Clearance**

1. With No. 1 piston on TDC at the end of compression stroke (Position No 1 in the illustration) check the following valves:

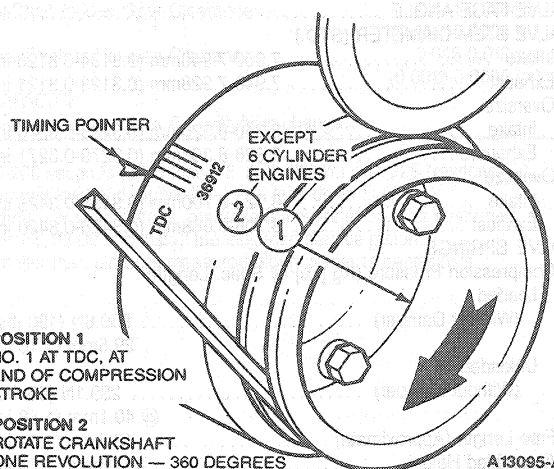
**Position 1**

No. 1 Intake No. 1 Exhaust  
No. 3 Intake No. 2 Exhaust  
No. 6 Intake No. 4 Exhaust

2. Rotate crankshaft 360 degrees to position No. 2 and check the following valves:

**Position 2**

No. 2 Intake No. 3 Exhaust  
No. 4 Intake No. 5 Exhaust  
No. 5 Intake No. 6 Exhaust

**Unleaded Gasoline Shown, FF Similar**

**POSITION 1**  
NO. 1 AT TDC, AT  
END OF COMPRESSION  
STROKE

**POSITION 2**  
ROTATE CRANKSHAFT  
ONE REVOLUTION — 360 DEGREES