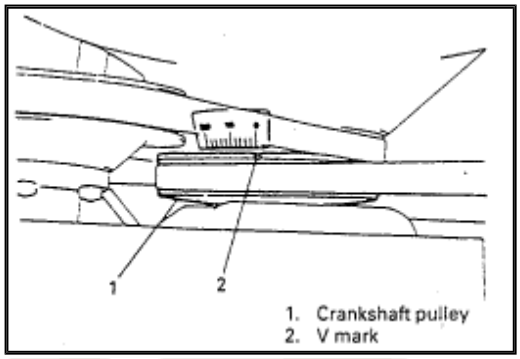
1993 Suzuki Truck Sidekick 2WD L4-1590cc 1.6L SOHC 0 MFI 16V

Adjustments

Notes

VALVE LASH (CLEARANCE)

1. Remove negative cable at battery.
2. Remove cylinder head cover.



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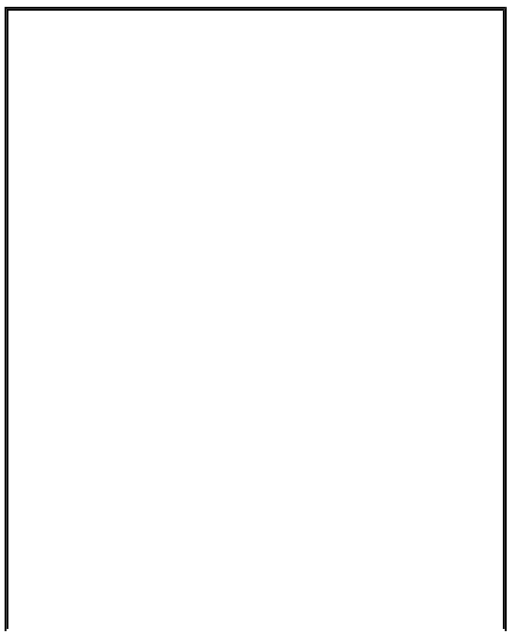
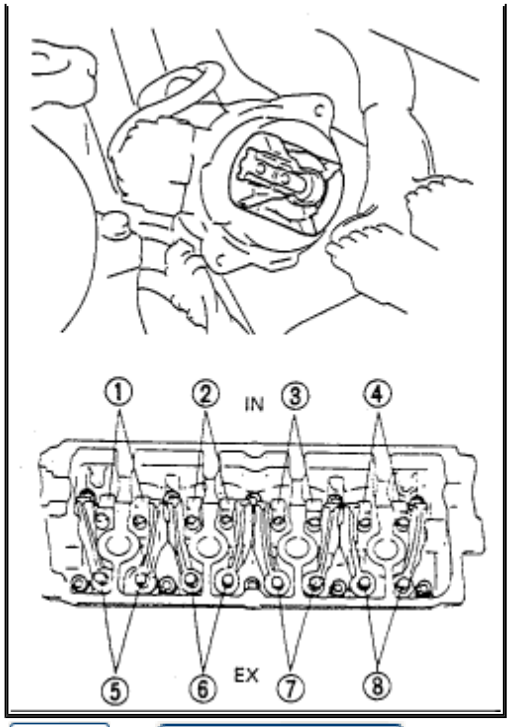
3. Using **17 mm** socket, turn crankshaft pulley clockwise until "V" mark (in white paint) on pulley aligns with "O" (zero) calibrated on timing belt cover.





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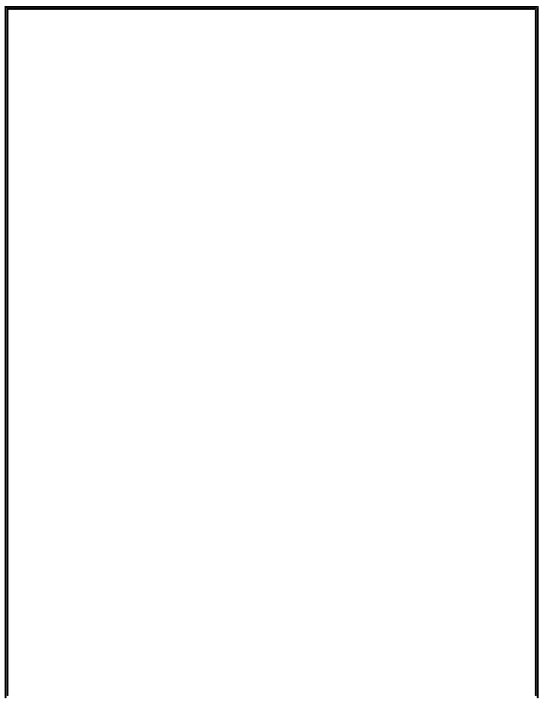
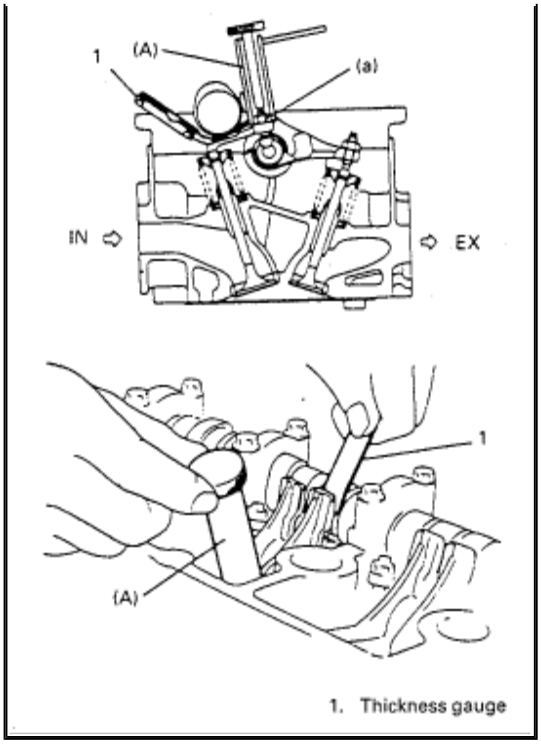
4. Remove distributor cap and check rotor position. If it is positioned as shown in figure (i.e. No.1 piston is at Top Dead Center **(TDC)** of compression stroke), check valve lashes at valves (1), (2), (5) and (7). If it is at ignition position of No.4 cylinder, check valve lashes at valves (3), (4), (6) and (8). **NOTE:** When checking valve clearance, insert thickness gauge between camshaft and cam-riding face of rocker arm.





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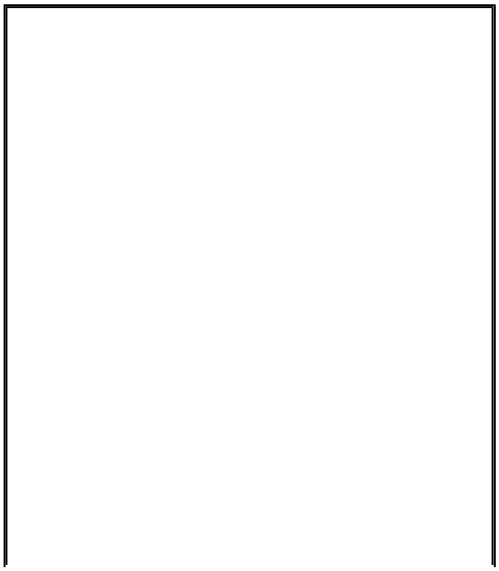
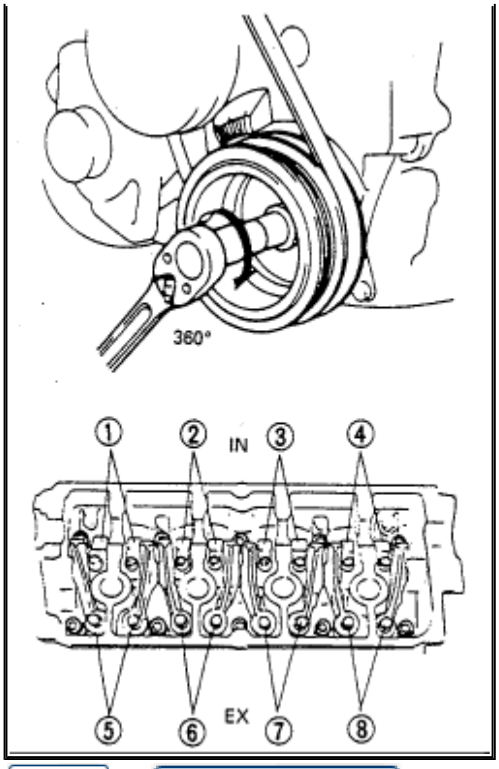
5. If valve lash is out of specification, adjust it to specification by turning adjusting screw after loosening lock nut. After adjustment, tighten lock nut to specified torque while holding adjusting screw stationary, and then make sure again that valve lash is within specification. When cold (Coolant temperature is **15 - 25°C or 59 - 77°F)** : Intake And Exhaust: **0.13 - 0.17 mm (0.005 - 0.007 inch)** . When hot (Coolant temperature is **60 - 68°C or 140-154°F)** : Intake And Exhaust: **0.17-0.21 mm (0.007 - 0.008 inch)** Special Tool (A): 09917-18210 or equivalent. Tightening Torque (a): **12 Nm (1.2kg-m,9.0 ft. lbs.)** .





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6. After checking and adjusting valve lashes at valves (1), (2), (5) and (7), (or (3), (4), (6) and (8)) rotate crankshaft exactly one full turn **(360°)** and check the same at valves (3), (4), (6) and (8) (or (1), (2), (5) and (7)). Adjust them as necessary.
7. After checking and adjusting all valves, reverse removal procedure for installation.