

# 1987-1995 GM TBI "Set Timing" Instructions

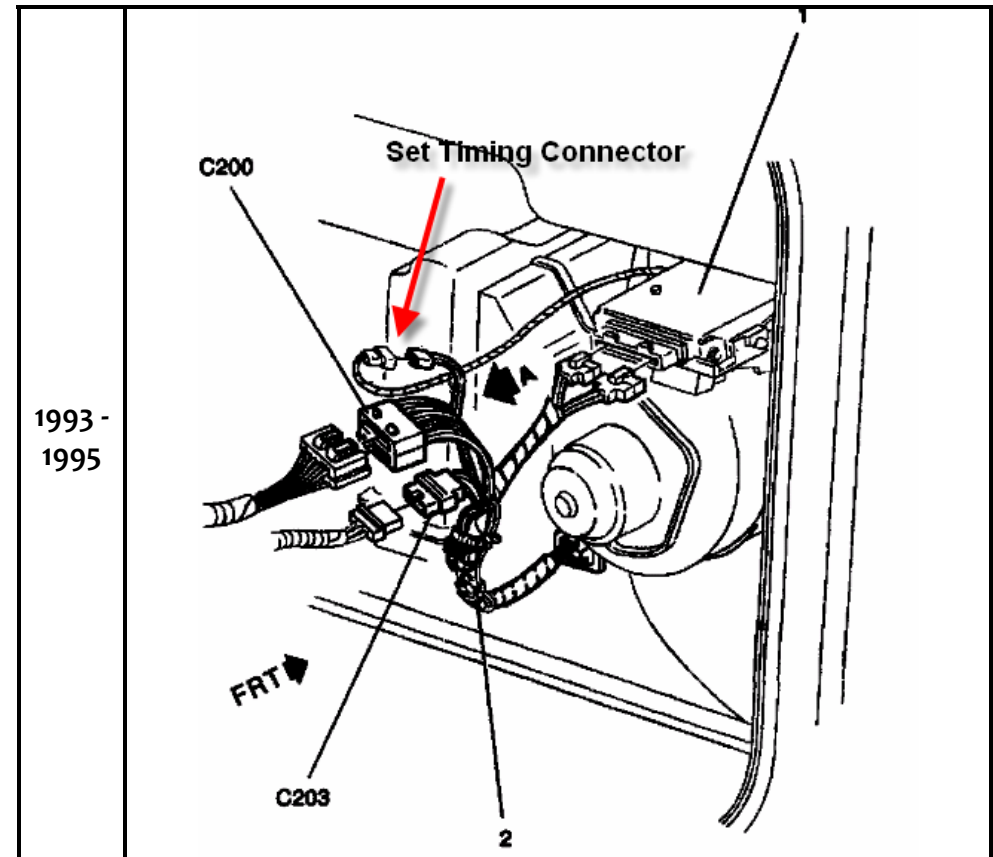
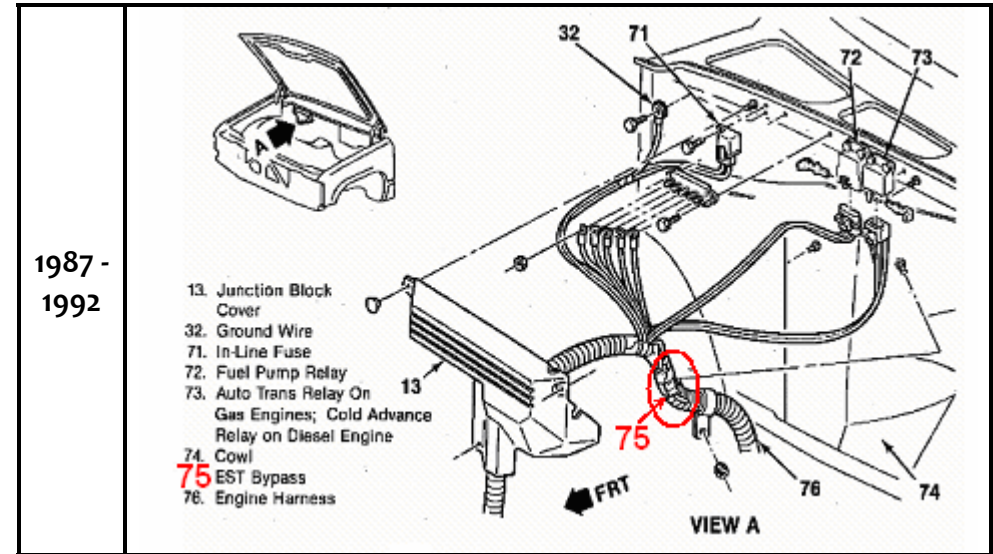
→ Engage the parking brake and block the wheels.

→ Place the transmission in neutral.

1. Refer to the Vehicle Emissions Control Information label under the hood. Always follow the vehicle Emissions Control Information label procedures first before using the following procedure.
2. Put the IC system in the bypass mode by disconnecting the "set timing" connector. This is a single wire sealed connector that has a tan with black stripe lead. This connector breaks out of the wiring harness below the heater case in the passenger compartment.
3. With the ignition switch "OFF", connect the pickup lead of the timing light to the number one spark plug. Use a jumper lead between the wire and plug or an inductive type pickup.

DO NOT pierce the wire or attempt to insert a wire between the boot and the wire. Connect the timing light power leads according to manufacturer's instructions.

4. Start the engine, and aim the timing light at the timing mark. The line on the balancer or pulley will line up at the timing mark. The timing should be  $0^{\circ}$  TDC (454 engines -  $4^{\circ}$  BTDC). If a change is necessary, loosen the distributor hold-down clamp bolt at the base of the distributor. While observing the mark with the timing light, slightly rotate the distributor until the line indicates the correct timing. Tighten the hold-down bolt, and recheck the timing.
5. Turn "OFF" the engine and remove the timing light. Reconnect the number one spark plug wire, if removed.
6. Reconnect the "Set Timing" connector.



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