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engine switched battery PCM when the ASD relay or this input indicates to be activated. This input also drives on NGC vehicles.

Find

Camshaft

Previous Next

Replace with

8 - 4 IGNITION CONTROL

PT

AUTO SHUT DOWN RELAY (Continued)

When energized, the ASD relay on SSEC vehicles supplies battery voltage to the fuel injectors, ignition coils and the heating element in each O₂ sensor heater.

When energized, the ASD relay on NGC vehicles provides power to operate the injectors, ignition coil, generator field, O₂ sensor heaters, fuel solenoid and, if equipped, the ASD relay on NGC vehicles. The ASD relay on NGC vehicles also provides power to the ASD relay on SSEC vehicles.

The PCM energizes the ASD relay when the engine is started. The PCM also monitors the ASD relay for proper operation. If the ASD relay fails to operate, the PCM will store a DTC. The PCM will also monitor the ASD relay for proper operation. If the ASD relay fails to operate, the PCM will store a DTC. The PCM will also monitor the ASD relay for proper operation. If the ASD relay fails to operate, the PCM will store a DTC.

When the engine is started, the PCM energizes the ASD relay. The PCM also monitors the ASD relay for proper operation. If the ASD relay fails to operate, the PCM will store a DTC. The PCM will also monitor the ASD relay for proper operation. If the ASD relay fails to operate, the PCM will store a DTC.

CAMSHAFT POSITION SENSOR

DESCRIPTION

On 2.0L-4L engines the camshaft position sensor is mounted to the rear of the cylinder head (Fig. 1). On 1.6L engines it is mounted on the front side of the cylinder head.

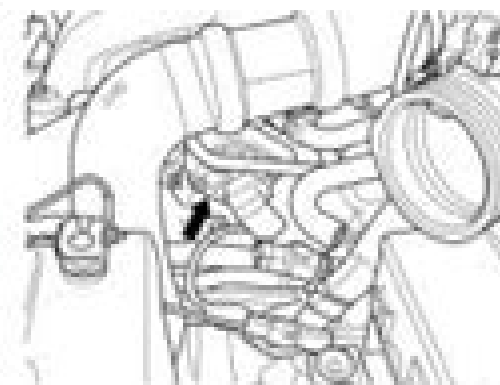
OPERATION

The PCM sends approximately 5 volts to the Hall-effect sensor. This voltage is required to operate the Hall-effect chip and the electronics inside the sensor.



Fig. 1 Camshaft Position Sensor - 2.0L-4L, DOHC

- 1 - PCM output
- 2 - O₂ sensor heater
- 3 - Camshaft position sensor



1997 Subaru Svx Service Repair Manual 97

John Haynes



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Autocar ,2000 **Canadian Periodical Index** ,1993 **Subaru SVX 1996 Service Manual Supplement** ,1995
Service Manual Fuji Jūkōgyō Kabushiki Kaisha,1991 Subaru Automotive Repair Manual Mike Stubblefield,John
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