

ELECTRICAL COMPONENT LOCATOR

1994 Toyota Celica

1994 ELECTRICAL COMPONENT LOCATION
Toyota Electrical Components

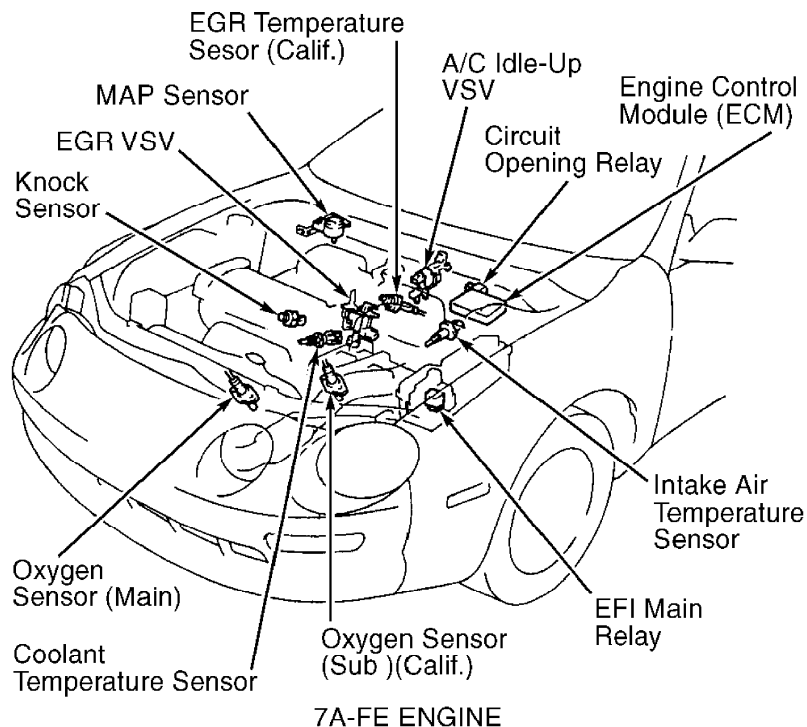
Celica

SAFETY PRECAUTION

WARNING: When working on vehicles equipped with Supplemental Restraint System (SRS), never apply electrical voltage to the system. This could cause the SRS (air bag) to be deployed.

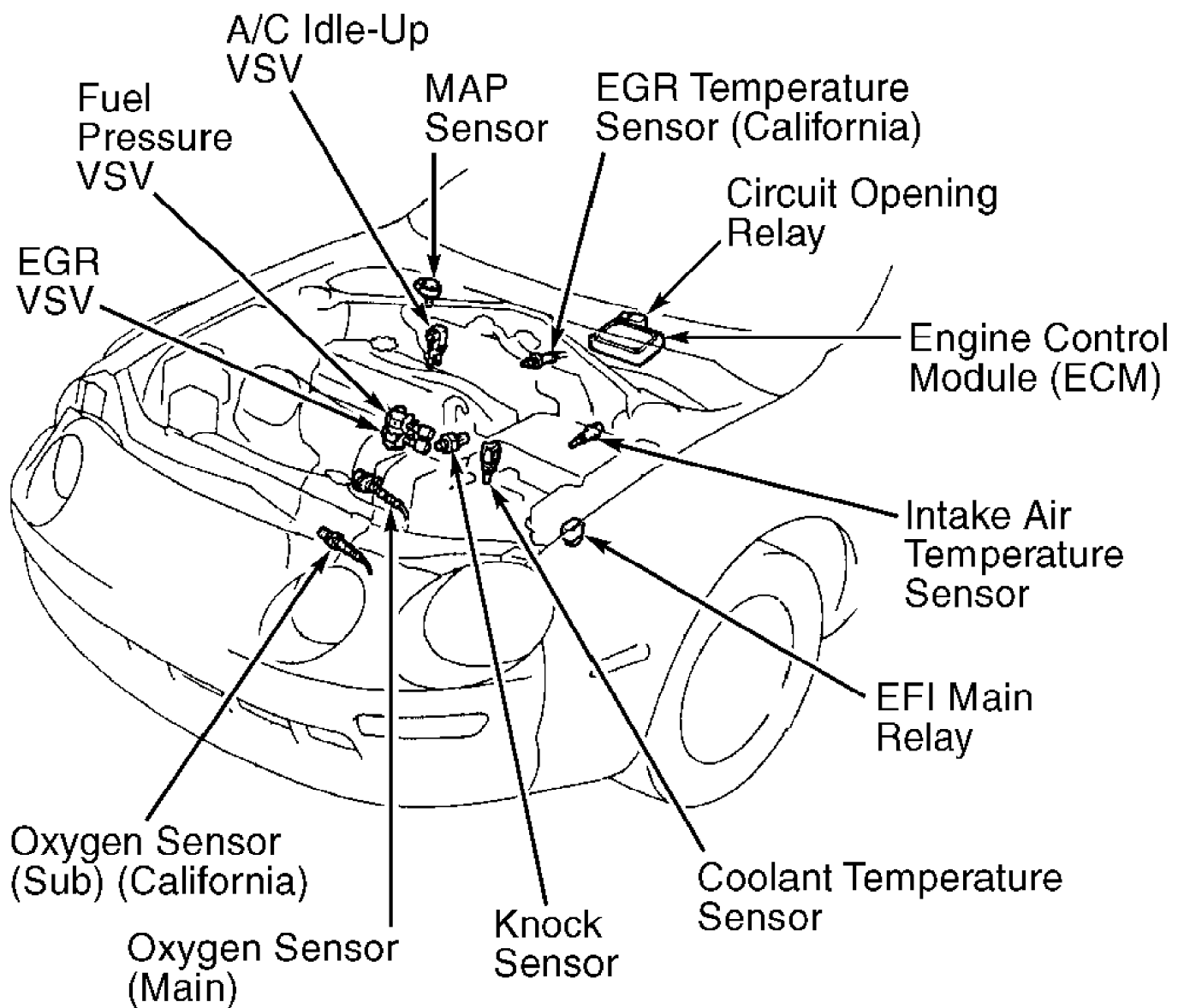
BUZZERS, RELAYS & TIMERS

Component	Component Location
ABS Control Relay	On relay block No. 5, right front of engine compartment.
A/C Condenser Fan Relays No. 2 & 3	On relay block No. 5, right front of engine compartment.
A/C Magnetic Clutch Relay	On relay block No. 5, right front of engine compartment.



95A24125
Circuit Opening Relay (1.8L,
7A-FE Engine)

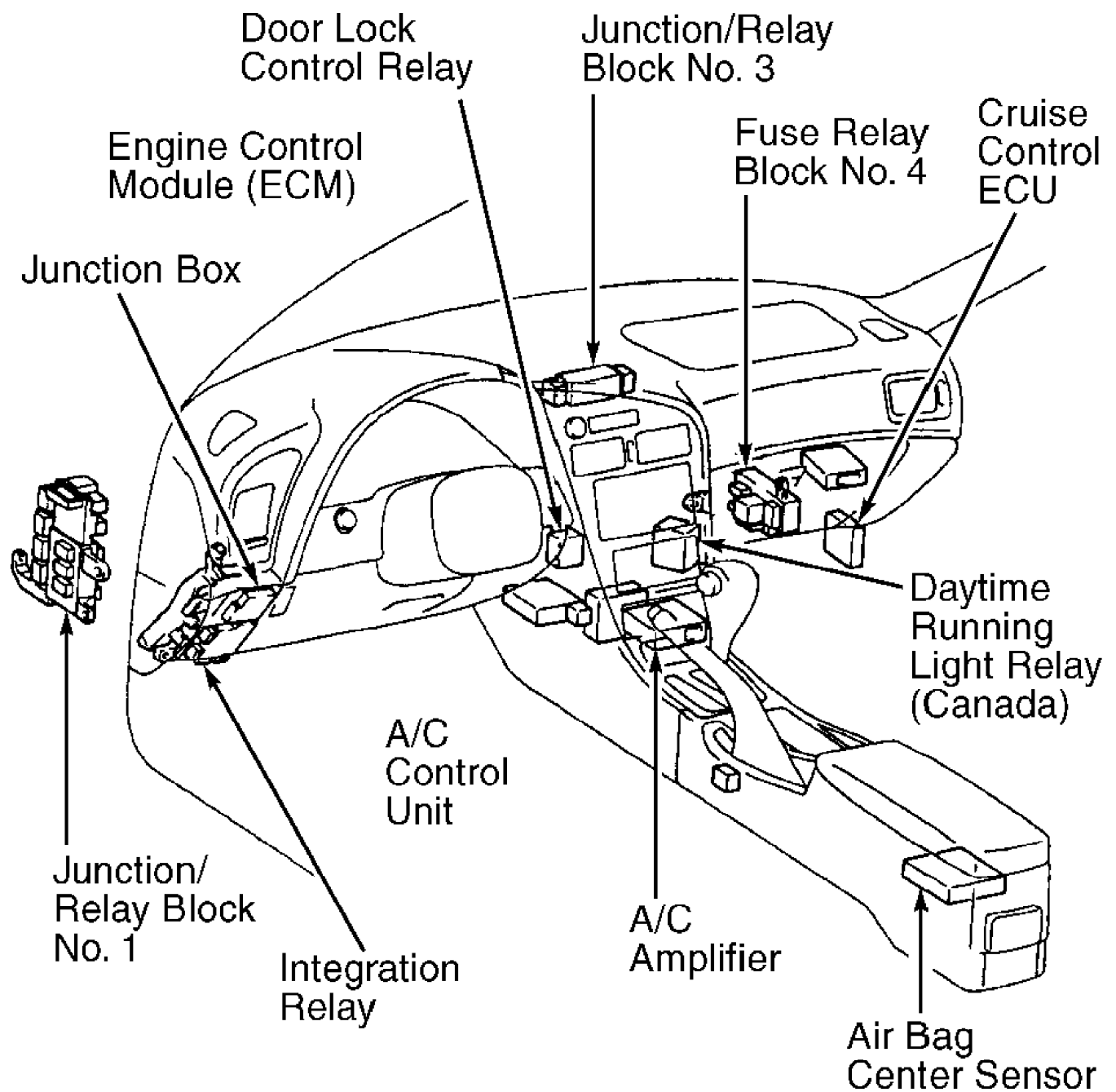
Under center of dash, forward
of engine control module.



95B24126

Circuit Opening Relay (2.2L,
5S-FE Engine)

Under center of dash, forward
of engine control module.



95/24123

Daytime Running Light Relay
(Canada)

Below dash, behind center
console.

Daytime Running Light Relay (DRL)
(U.S.A.)

DRL No. 2

On relay block No. 6.

DRL No. 3

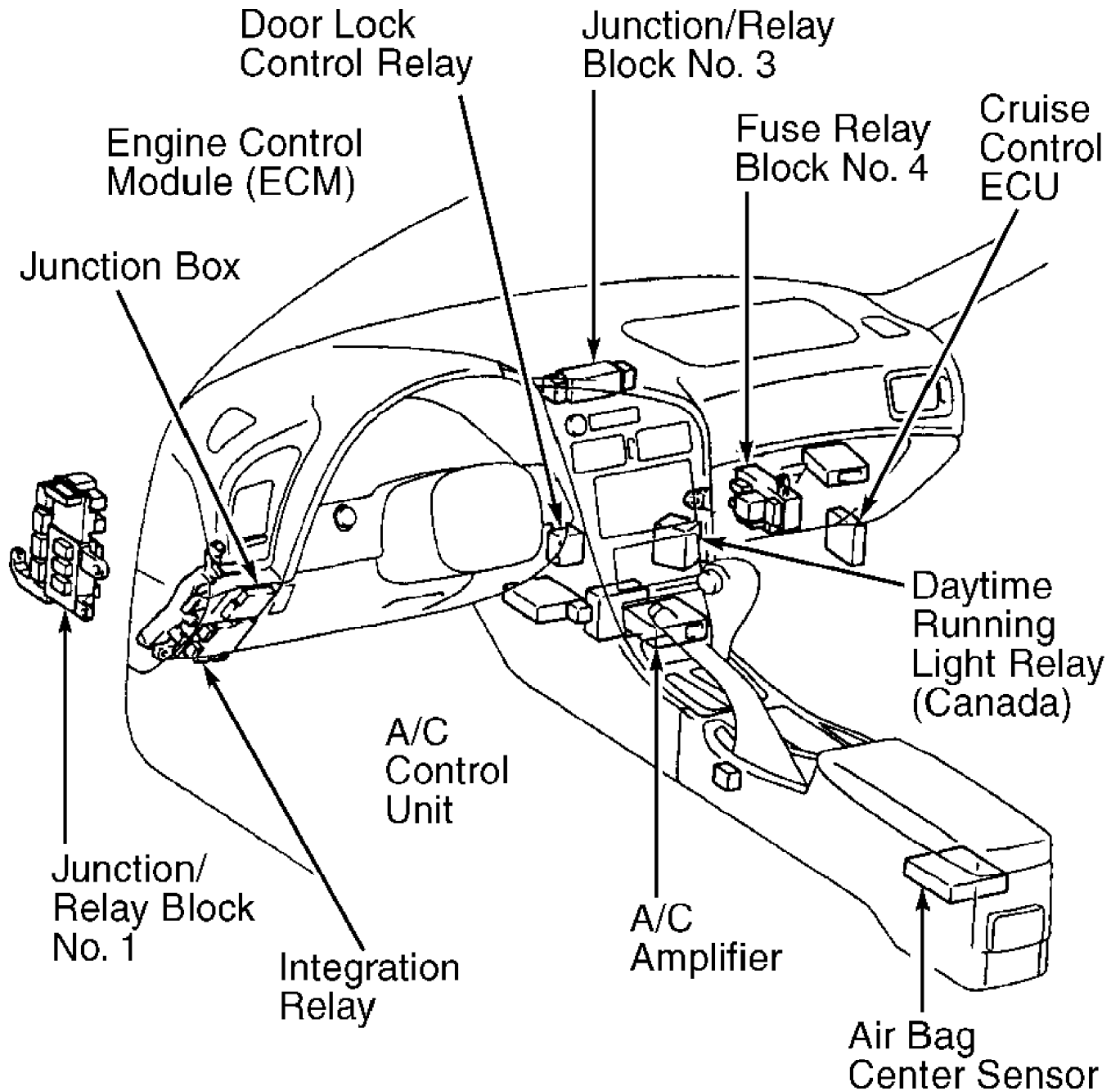
On relay block No. 6.

DRL No. 4

On relay block No. 6.

Defogger Relay

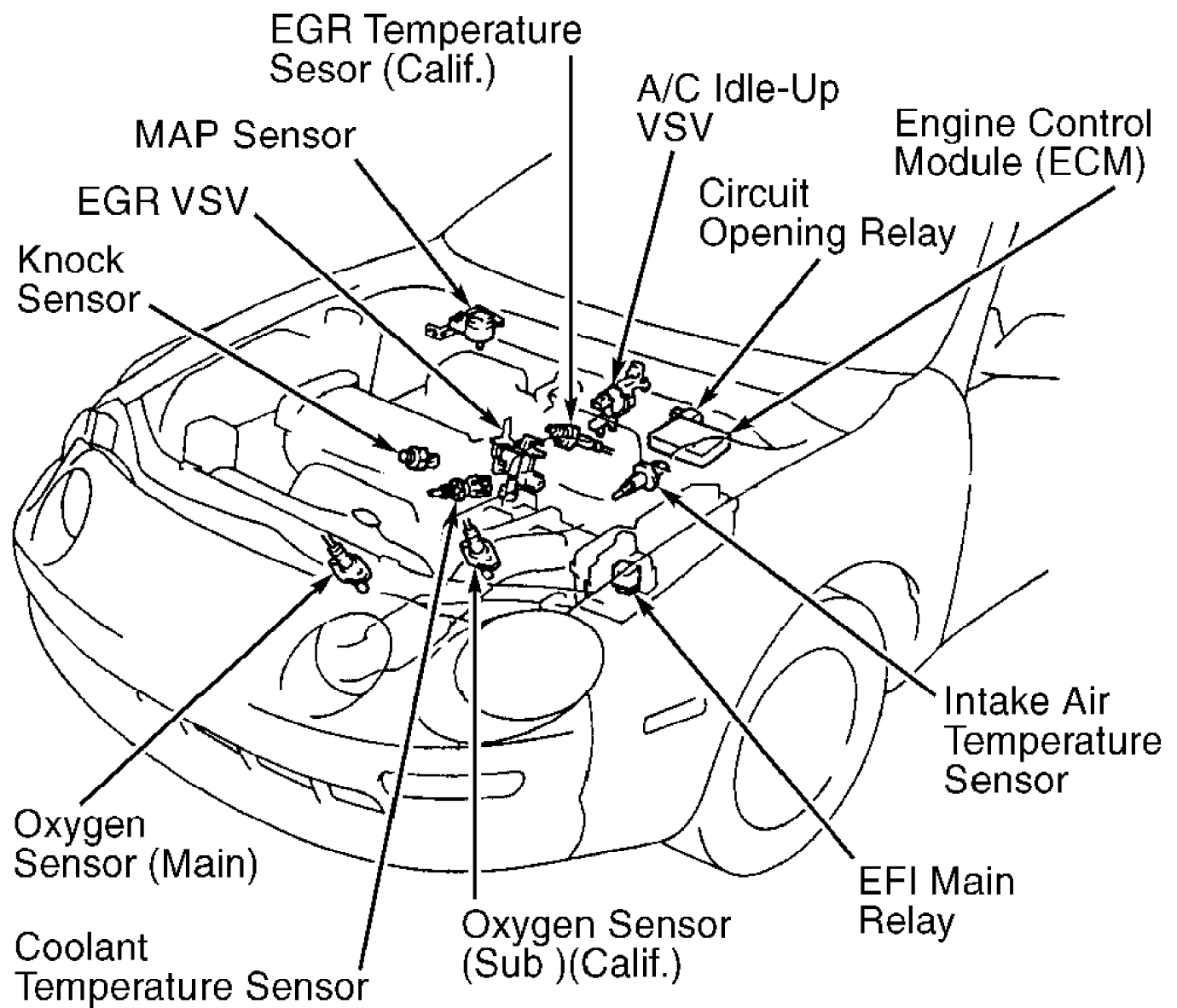
On junction/relay block No. 1,
behind left kick panel.



95|24123

Door Lock Control Relay

Mounted under center console,
in front of gear selector.

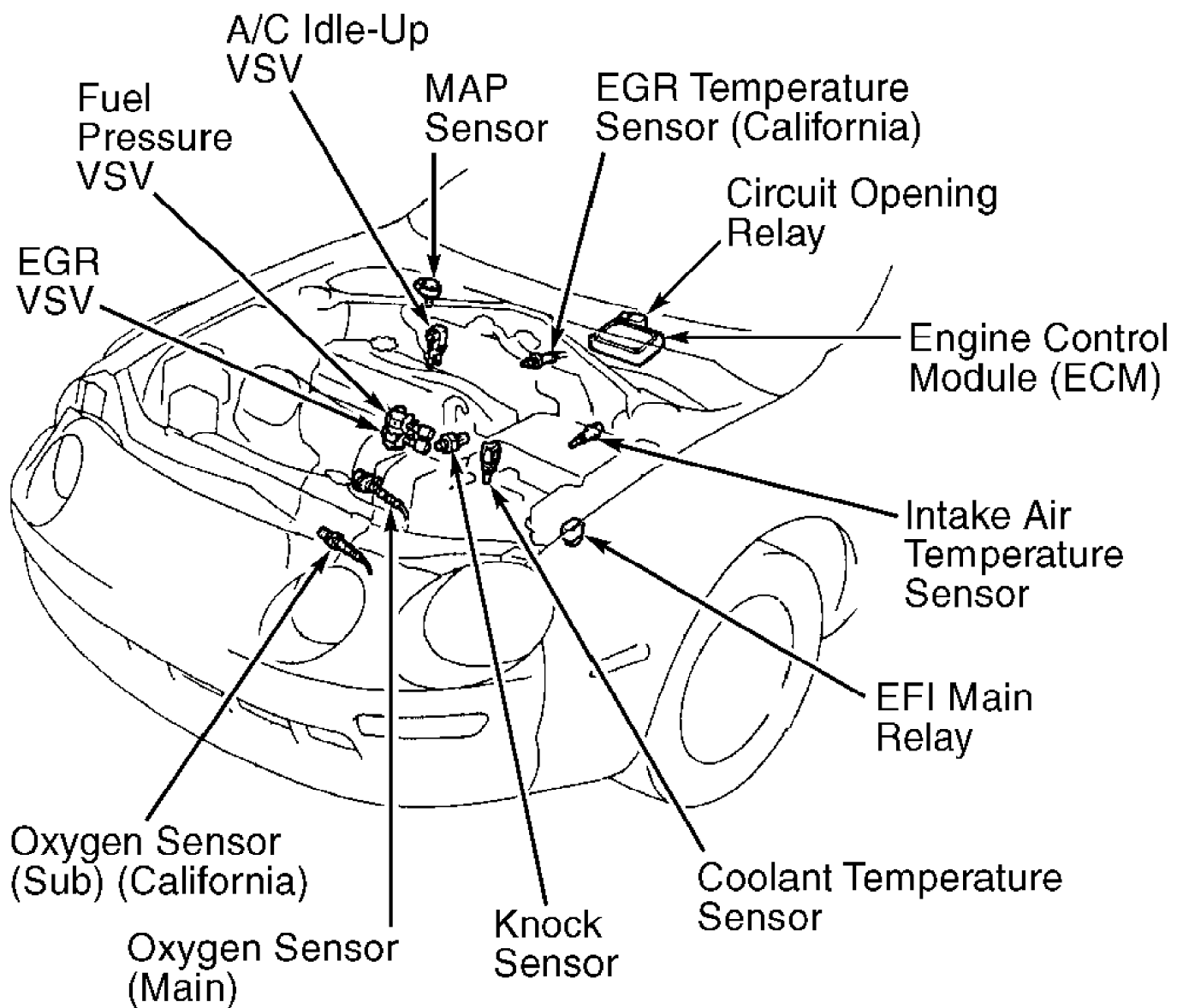


7A-FE ENGINE

95A24125

EFI Main Relay (1.8L 7A-FE)

On junction/relay block No. 2,
near battery.



95B24126

EFI Main Relay (2.2L 5S-FE)

On junction/relay block No. 2, near battery.

Engine Main Relay

On junction/relay block No. 2, near battery.

Foglight Relay

On fuse/relay block No. 3, behind right kick panel.

Fuel Pump Relay (All-Trac/4WD)

On relay block No. 5, right front of engine compartment.

Headlight Control Relay

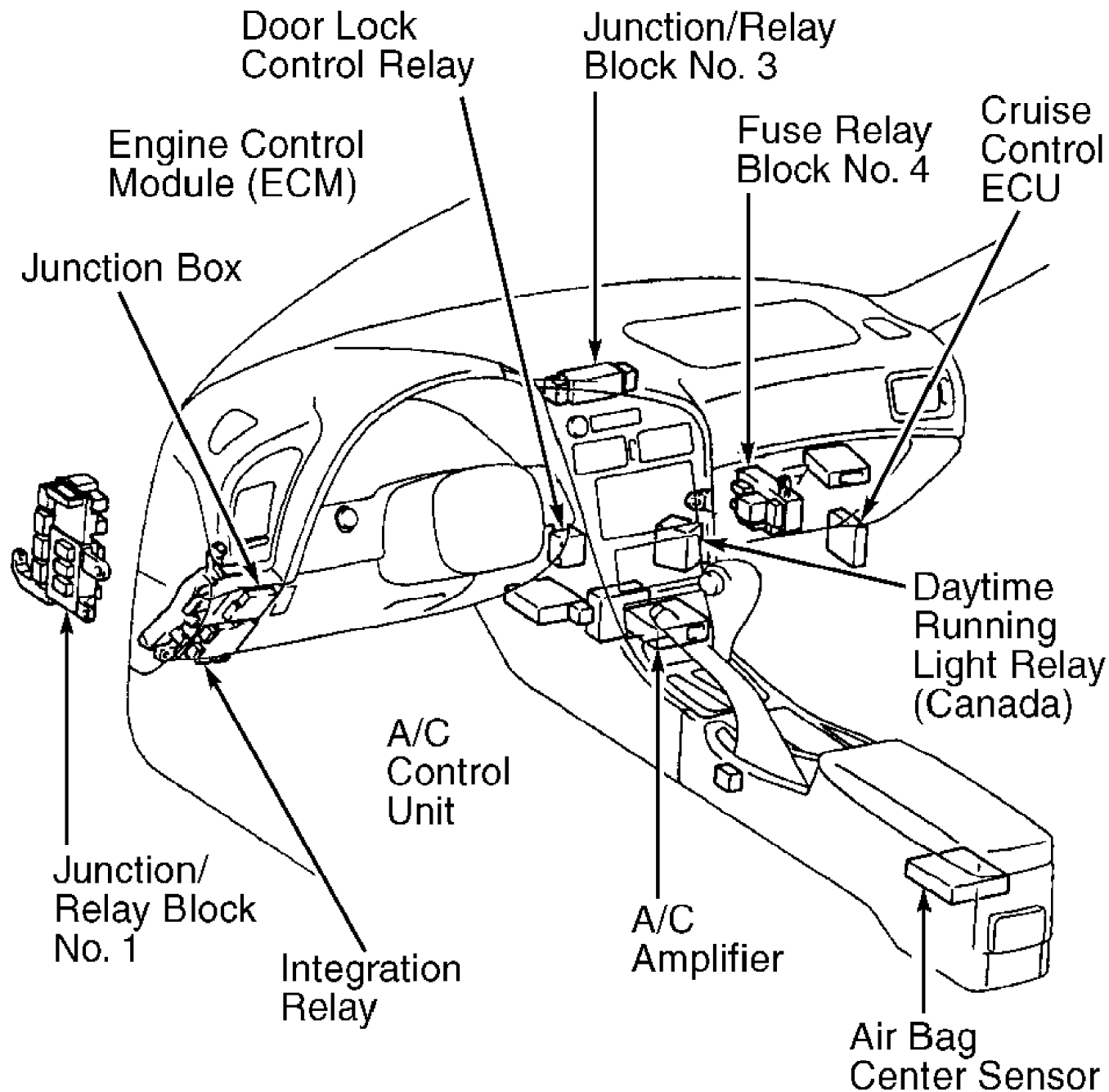
On junction/relay block No. 2, near battery.

Heater Relay

On fuse/relay block No. 4, behind right kick panel.

Horn Relay

On relay block No. 6.



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Integration Relay

On back side of junction/relay block No. 1.

Power Main Relay

On fuse/relay block No. 2, next to junction block No. 2.

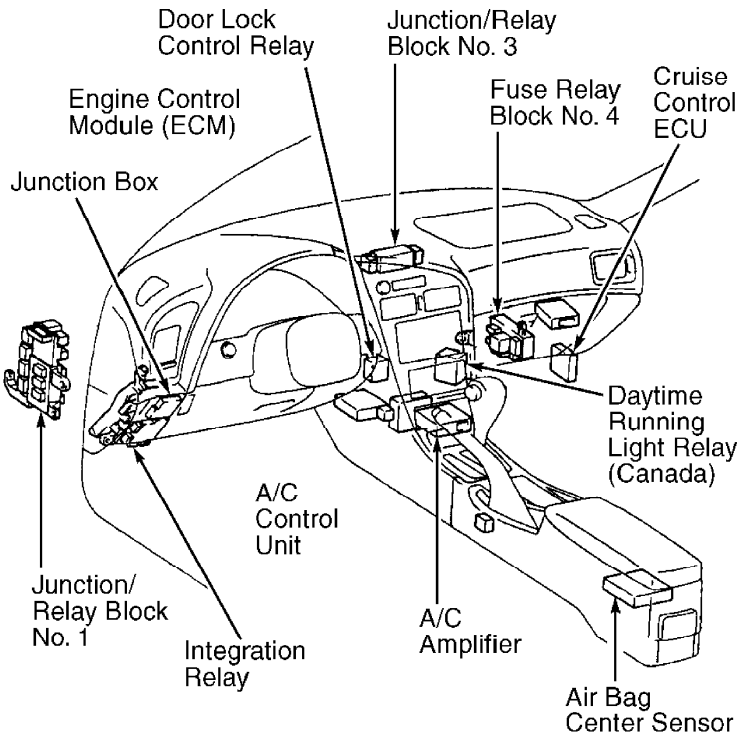
Radiator Fan Relay No. 1

On junction block No. 2, near battery.

Radiator Fan Relay No. 2 & No. 3	On relay block No. 5, right front engine compartment.
Rear Wiper Relay	Inside liftgate, on rear window wiper motor.
Starter Relay	On fuse/relay block No. 2, near battery.
Sun Roof Control Relay	In front of sun roof opening.
Taillight Control Relay	On junction/relay block No. 1, behind left kick panel.
Turn Signal/Flasher	On junction/relay block No. 1, behind left kick panel.

CIRCUIT PROTECTION DEVICES

Component	Component Location
Fuse/Relay Blocks	
Fuse/Relay Block No. 2	Engine compartment, next to junction No. 2.
Fuse/Relay Block No. 3	Behind right kick panel.

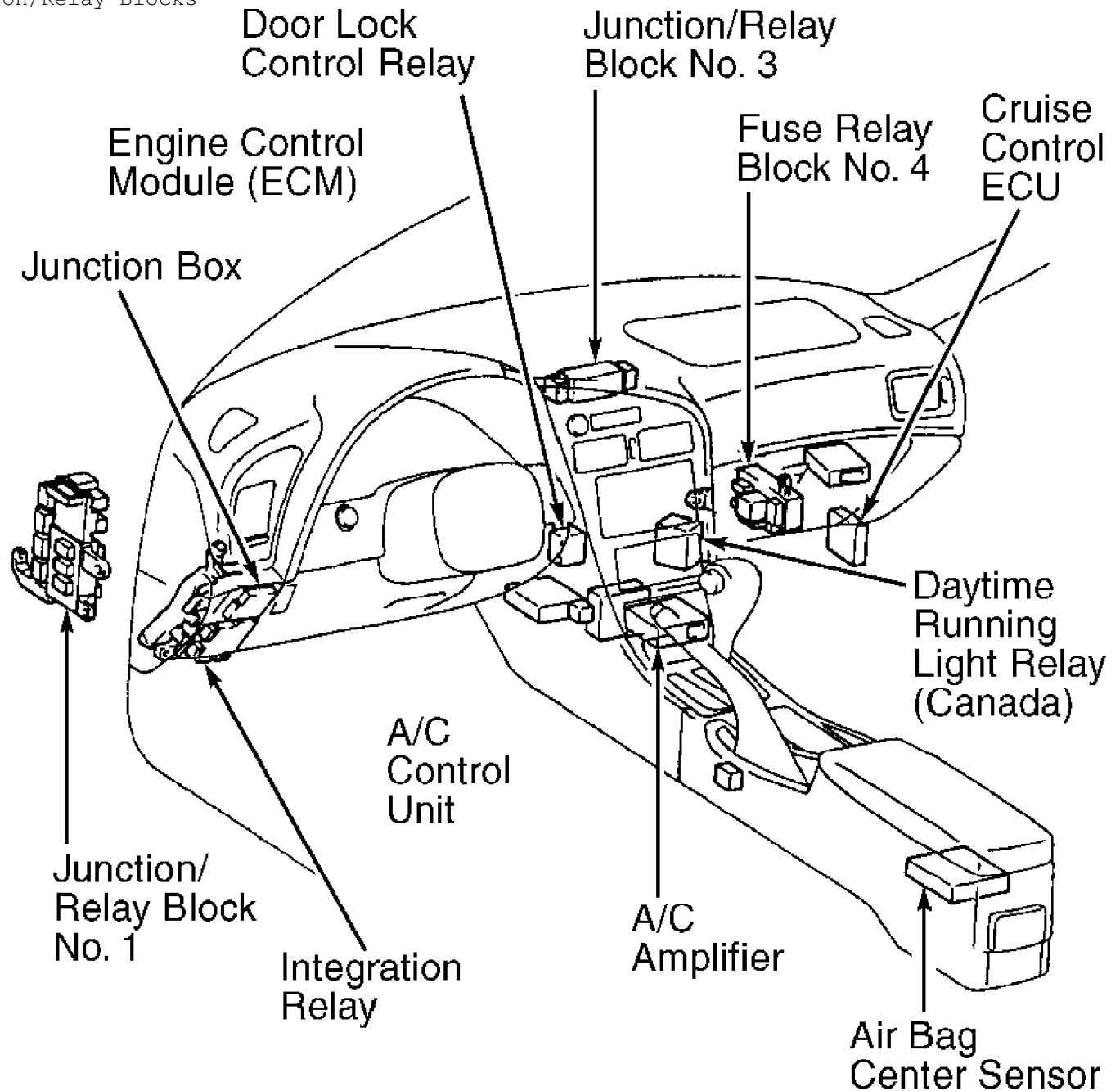


^{95I24123} Fuse/Relay Block No. 4	Behind right kick panel.
Fuse/Relay Block No. 5	Right front corner of engine compartment.

Fuse/Relay Block No. 6

Front of engine compartment.

Junction/Relay Blocks



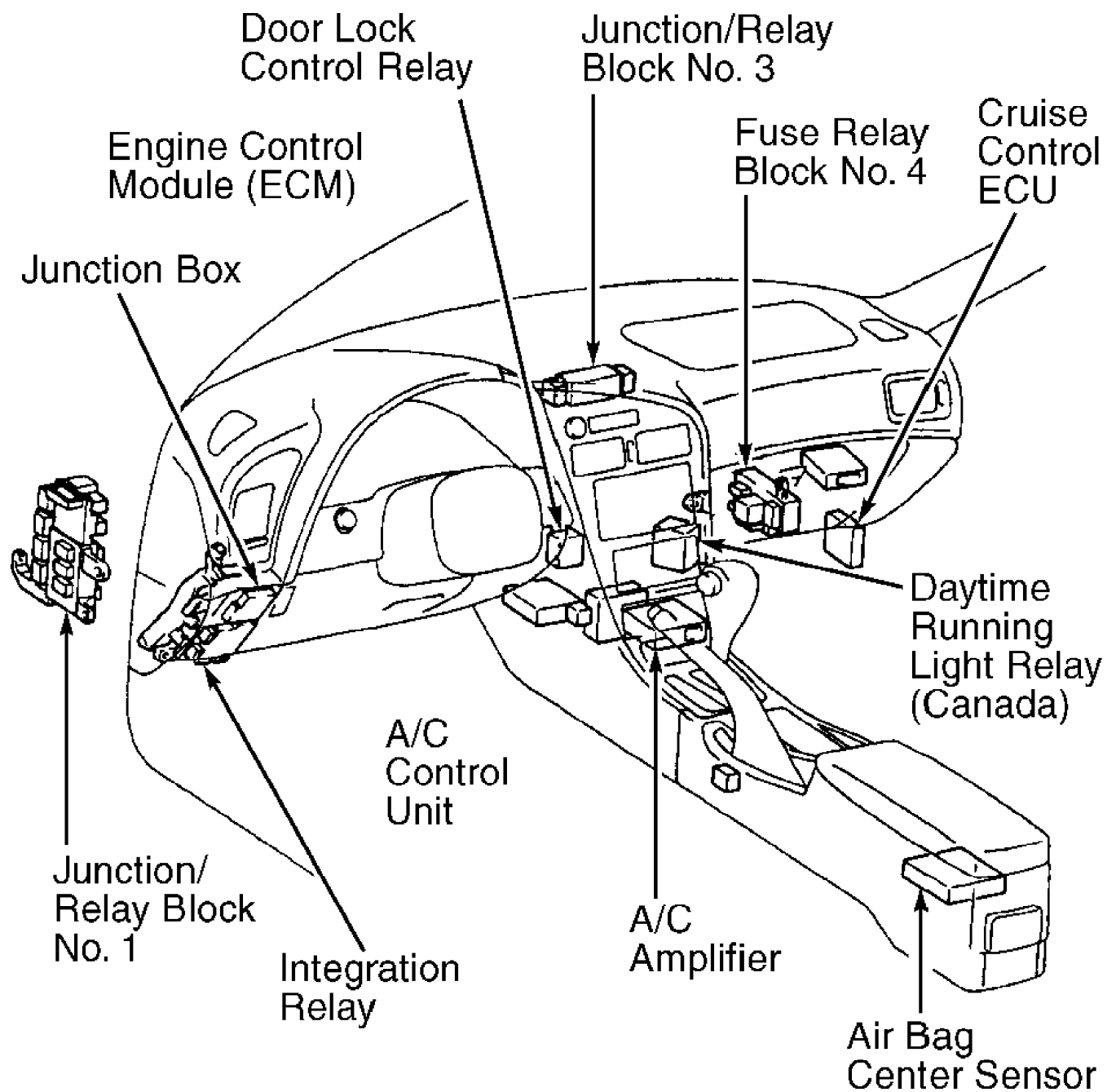
95|24123

Junction/Relay Block No. 1

Behind left kick panel.

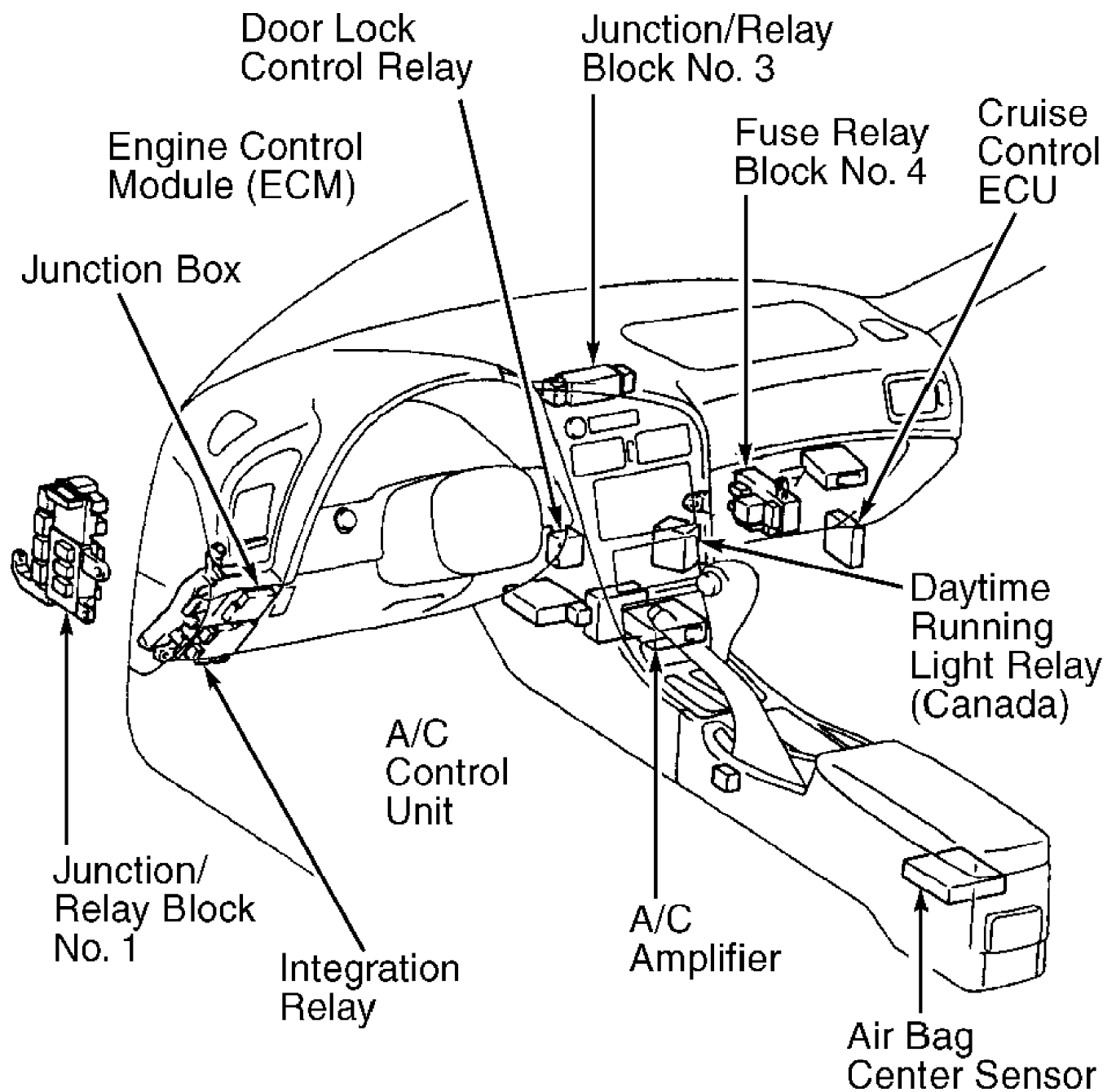
Junction/Relay Block No. 2

In engine compartment, near battery.



95124123
Junction/Relay Block No. 3

Behind left side of dash,
behind instrument cluster.



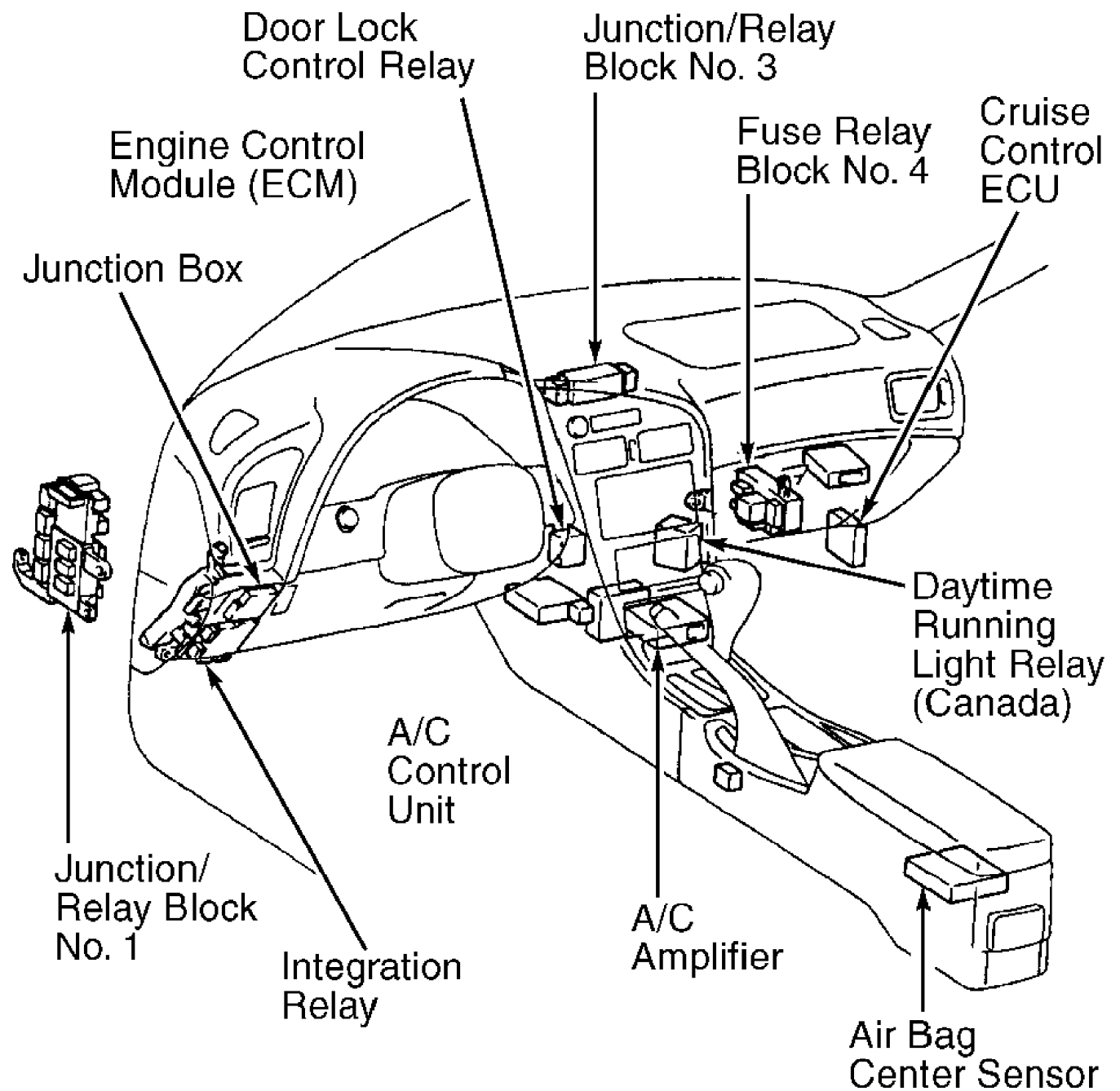
95/24123

Junction Box

Behind kick panel, next to block No. 1.

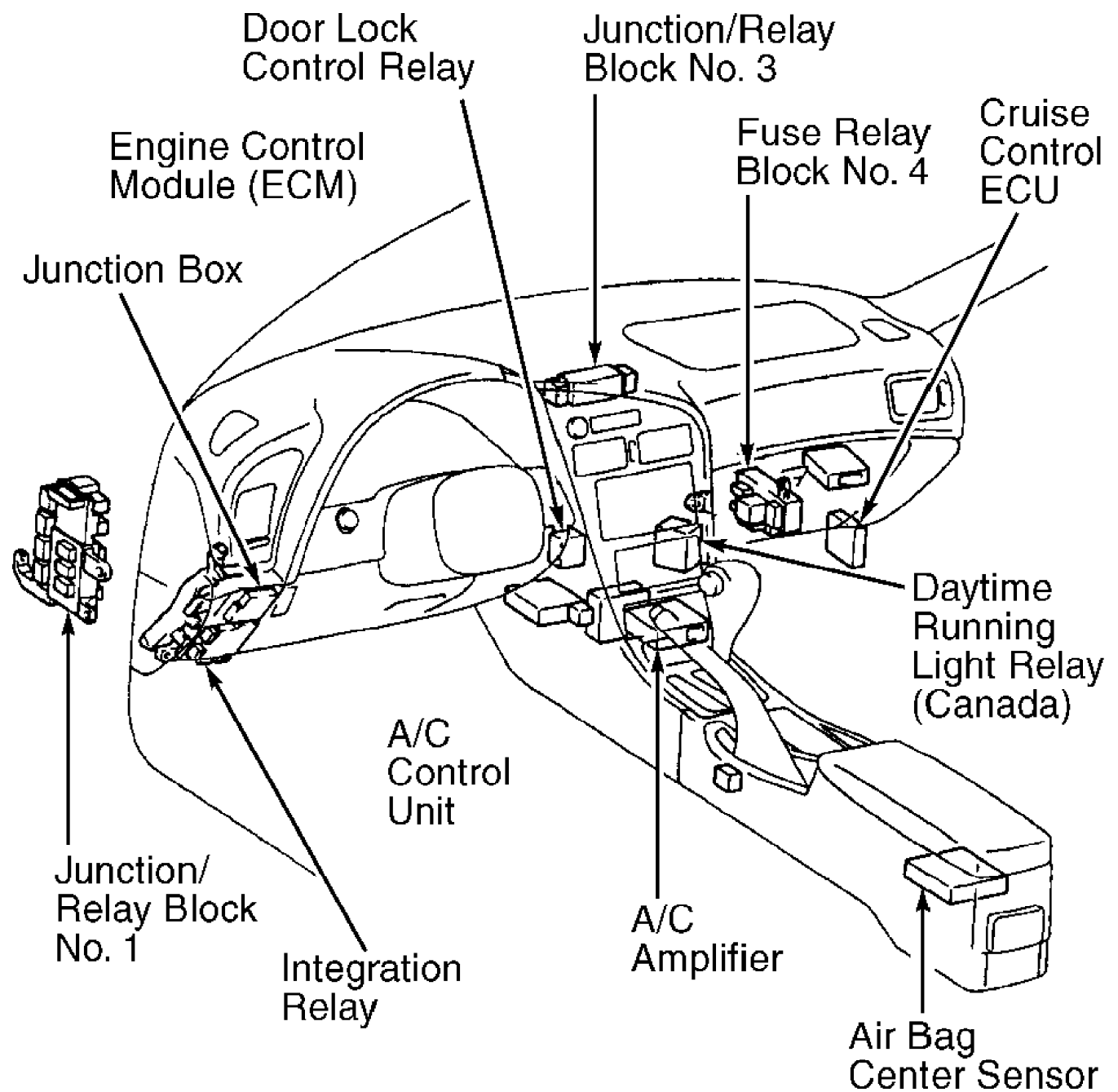
CONTROL UNITS

Component	Component Location
ABS ECU	Under left side of dash by steering column.



95/24123
A/C Control Unit

Center of the dash, behind
ashtray.



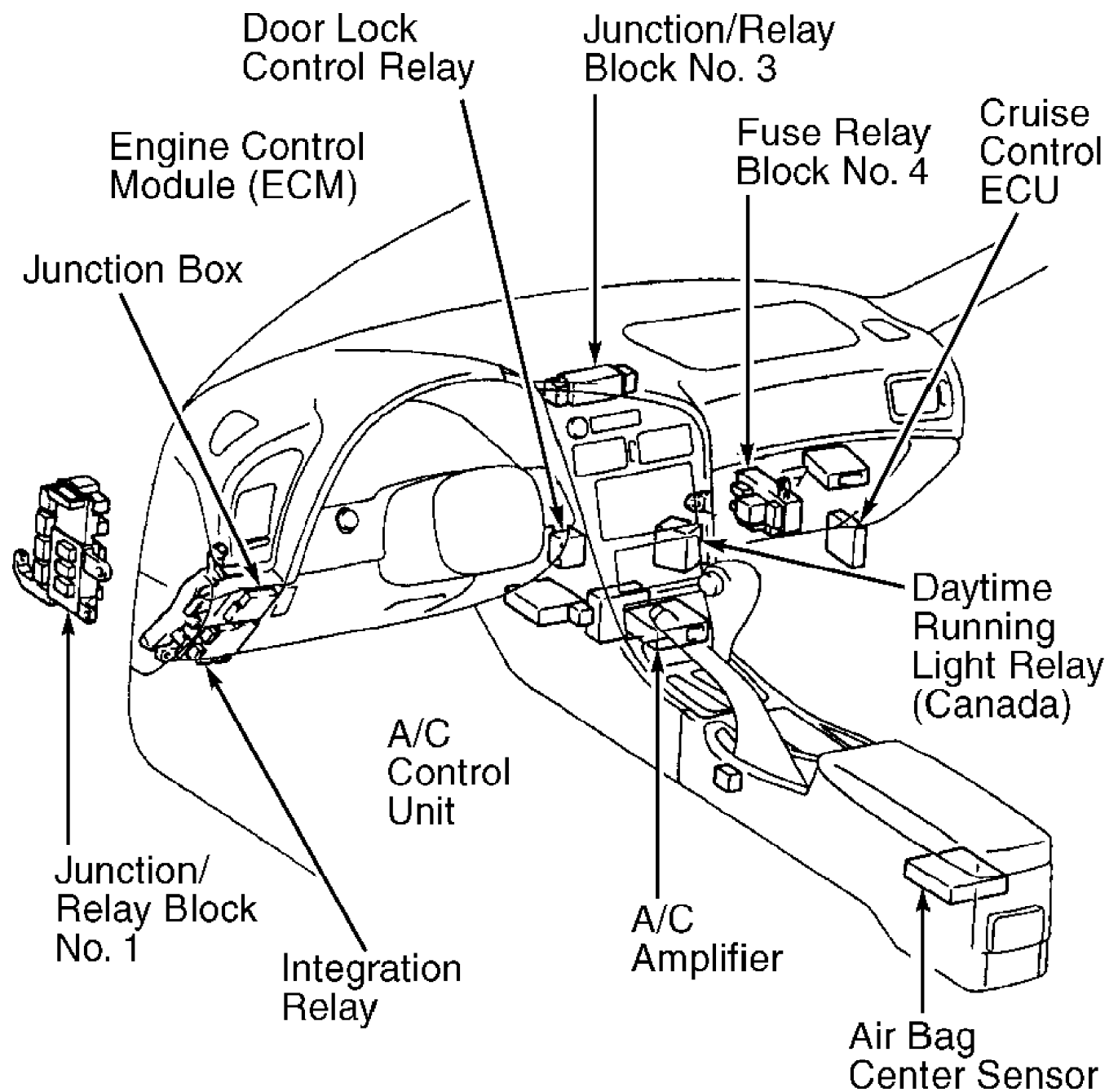
95/24123

Cruise Control ECU

Door Lock ECU

Behind right kick panel.

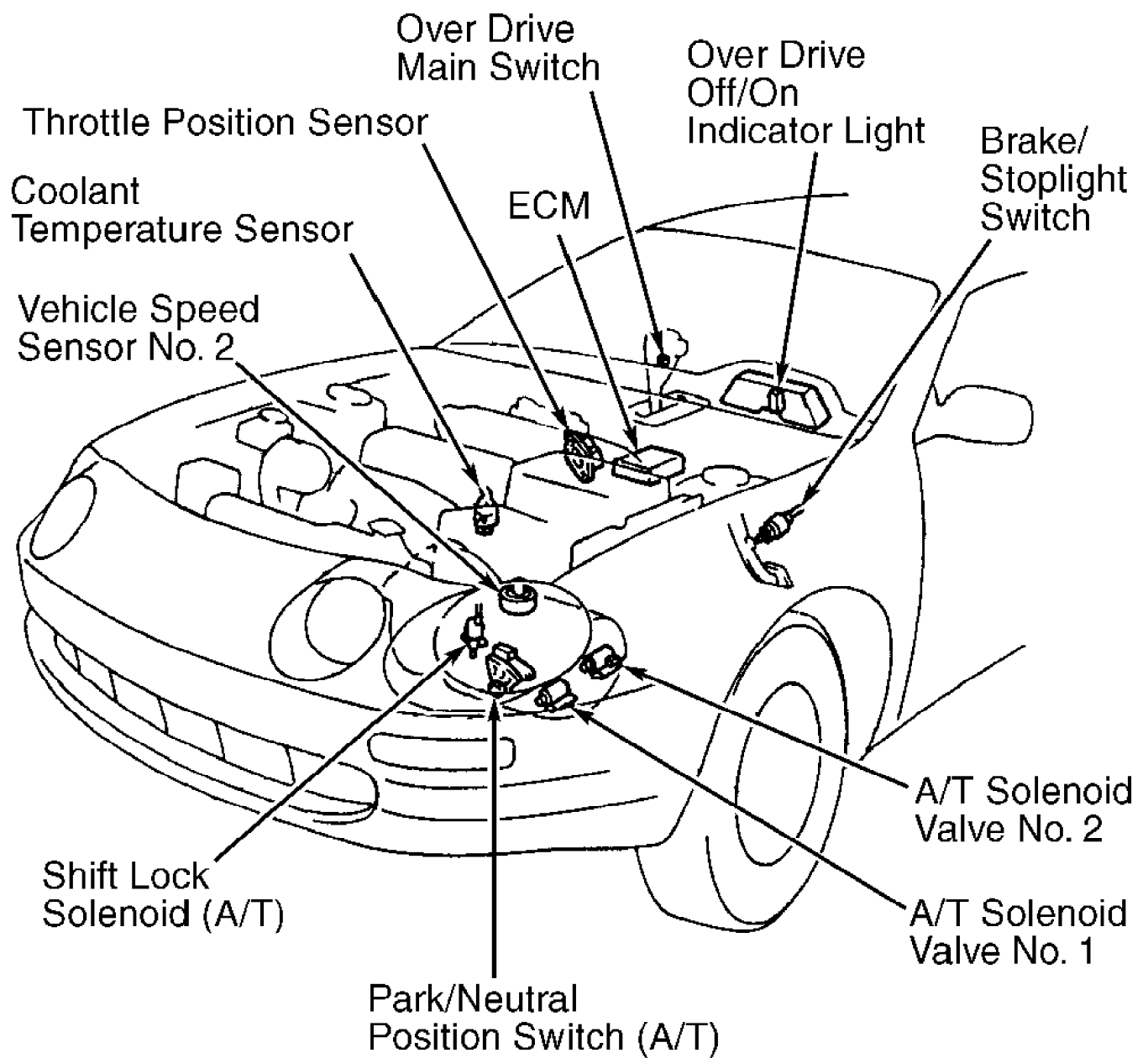
Behind center of dash, behind ashtray.



95124123

ECM (Passenger Compartment View)
(Engine Control Module (ECM))

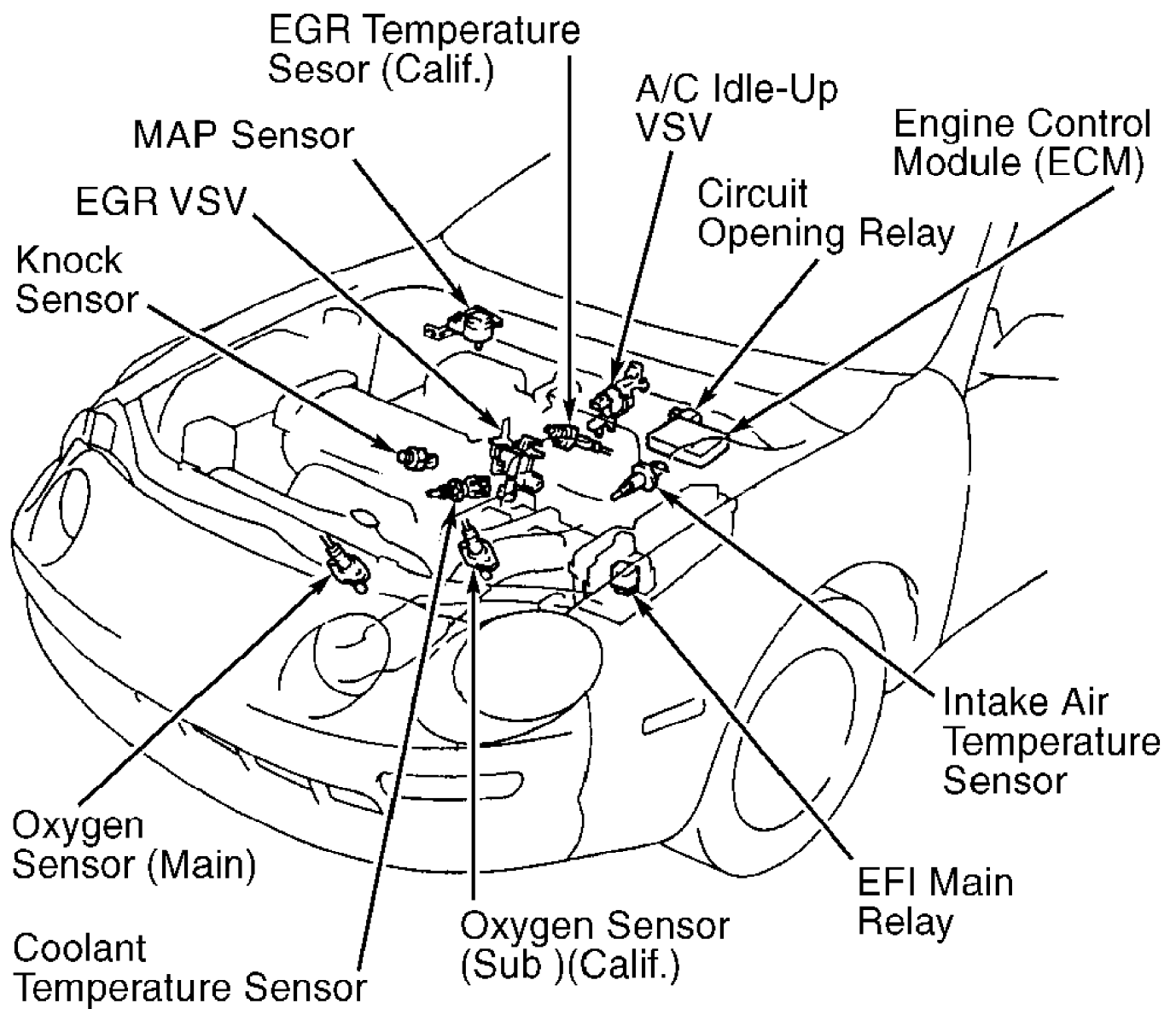
Behind front of center
console.



95J24124

ECM (Engine Compartment View)
(Engine Control Module (ECM))

Behind front of center
console.

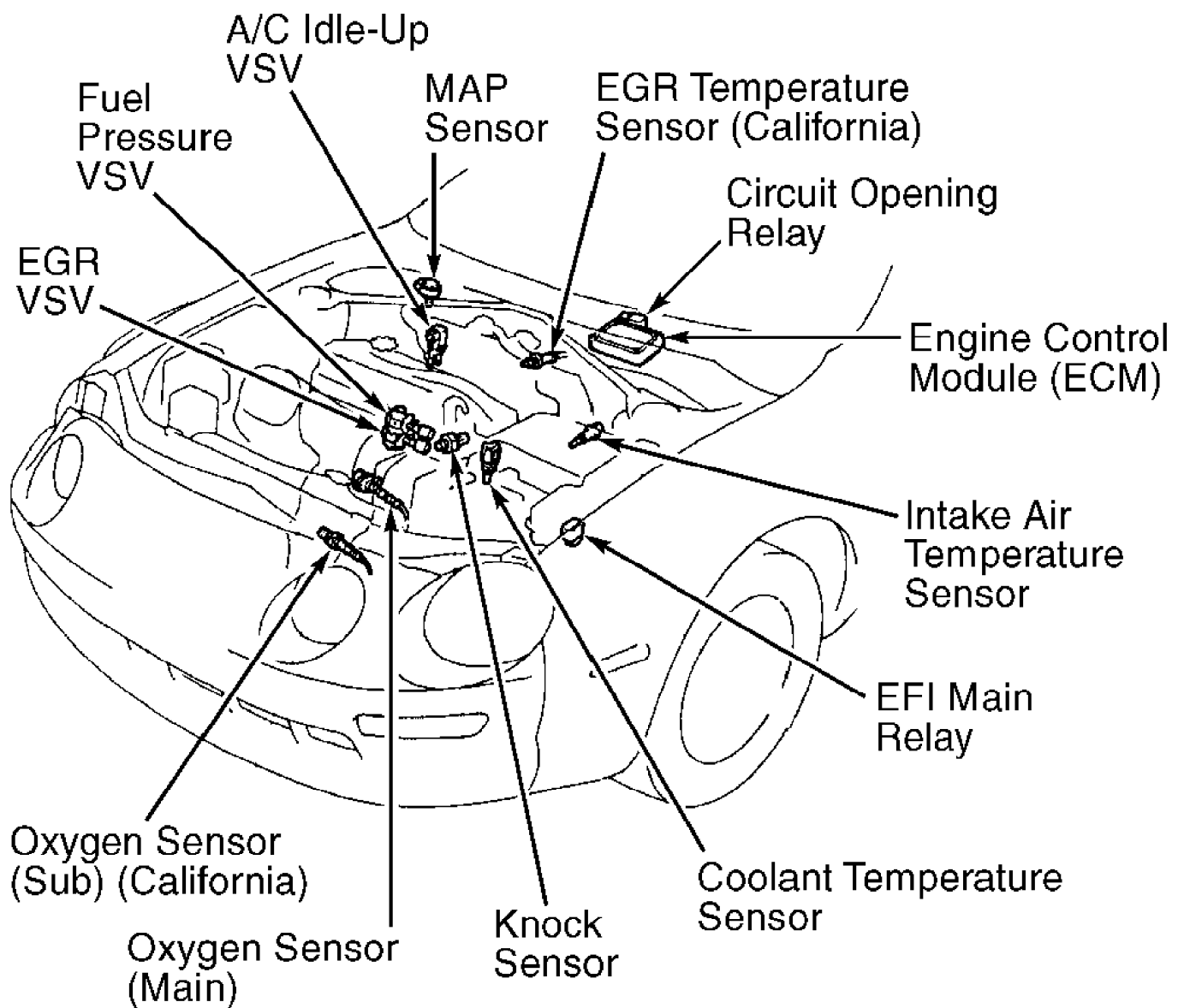


7A-FE ENGINE

95A24125

ECM (1.8L 7A-FE Engine)
(Engine Control Module (ECM))

Behind front of center
console.



95B24126
ECM (2.2L 5S-FE Engine)
(Engine Control Module (ECM))

Behind front of center
console.

Electronic-Controlled
Transmission ECU

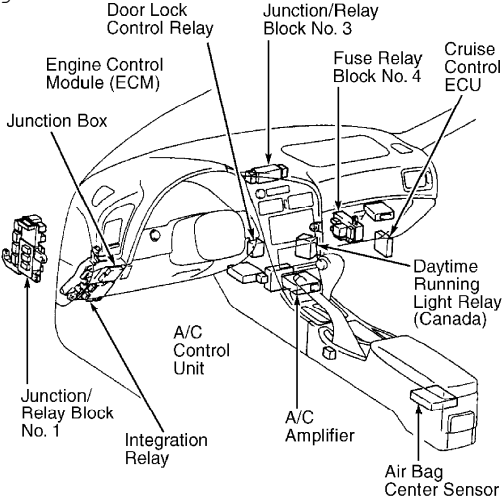
Integrated within engine
control module.

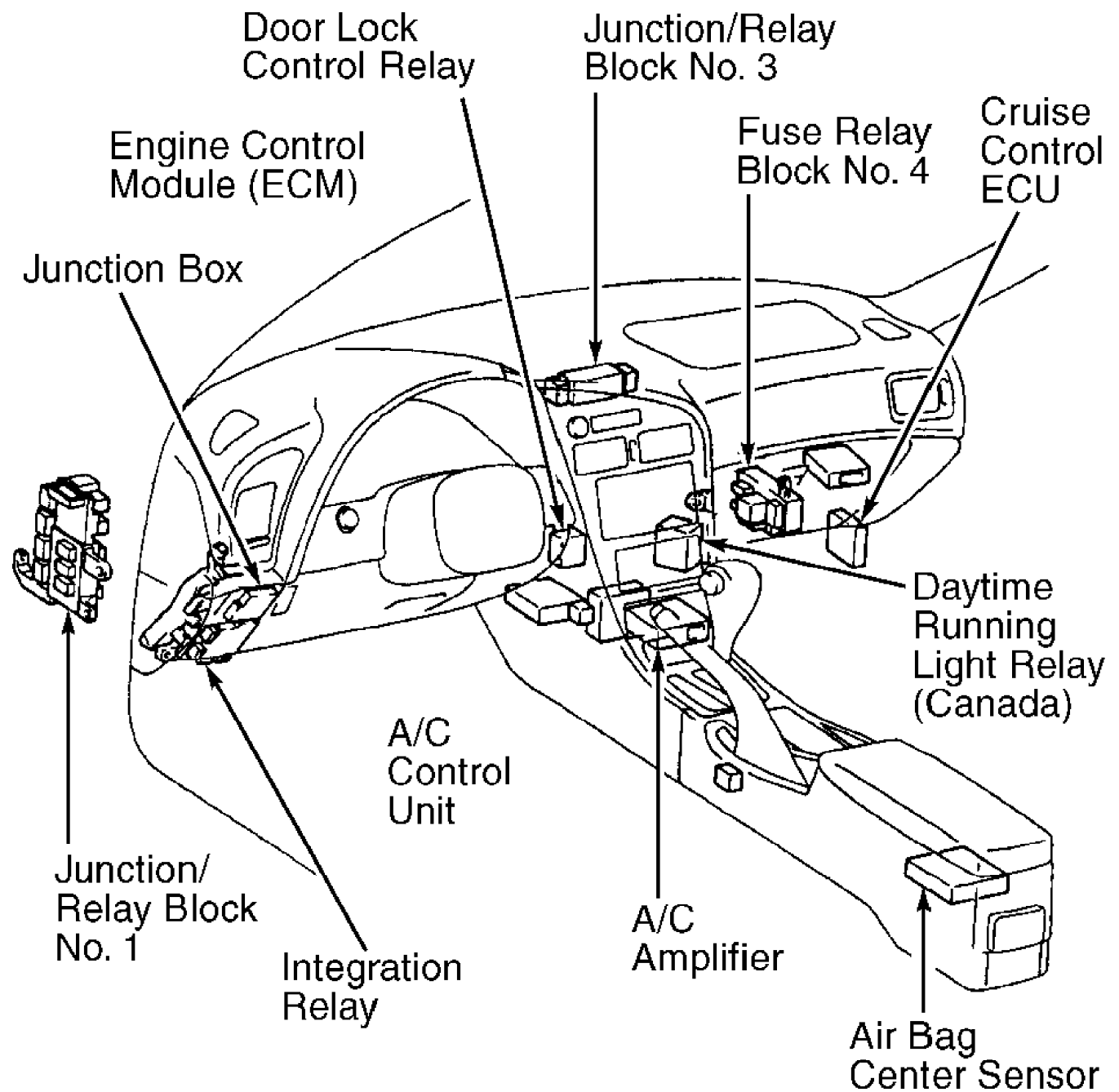
MOTORS

Component	Component Location
ABS Actuator	Right front corner of engine compartment.

A/C-Heater System Motors	
Air Inlet Servomotor	Behind glove box, on top left side of blower housing.
Air Outlet Control Servomotor	On left side of heater unit assembly.
Auto. Tilt Steering Motor	Inside steering column tilt assembly.
Front Windshield Wiper Motor	On left rear corner of engine compartment, near brake booster.
Rear Windshield Wiper Motor	Inside liftgate.
Sun Roof Motor	In front of sun roof opening, above control switch.
Windshield Washer Motor	On right front corner of engine compartment.

SENDING UNITS & SENSORS

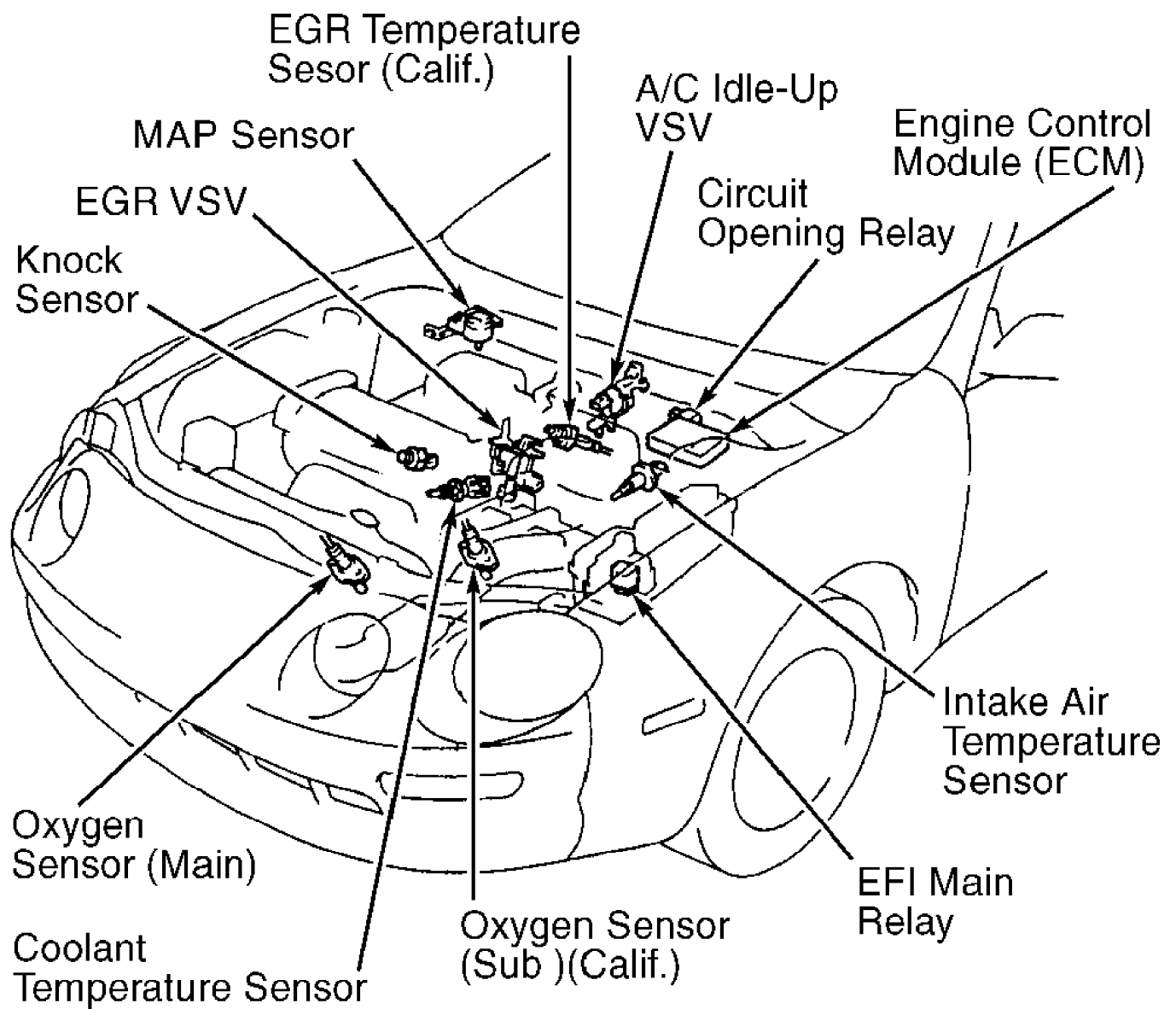
Component	Component Location
ABS Speed Sensors	One sensor mounted to each wheel hub.
A/C-Heater System	
Evaporator Temperature Sensor	On the evaporator, inside the cooling unit.
Revolution Sensor	On rear of A/C compressor.
Air Bag Sensors	
	
Center Sensor	Mounted under center console, in front of gear selector.
Impact Sensors	On top of left and right inner fender panels.



95/24123

Coolant Temp. Sensor (Passenger
Compartment View)

Threaded into top of coolant
outlet flange nearest cylinder
head.

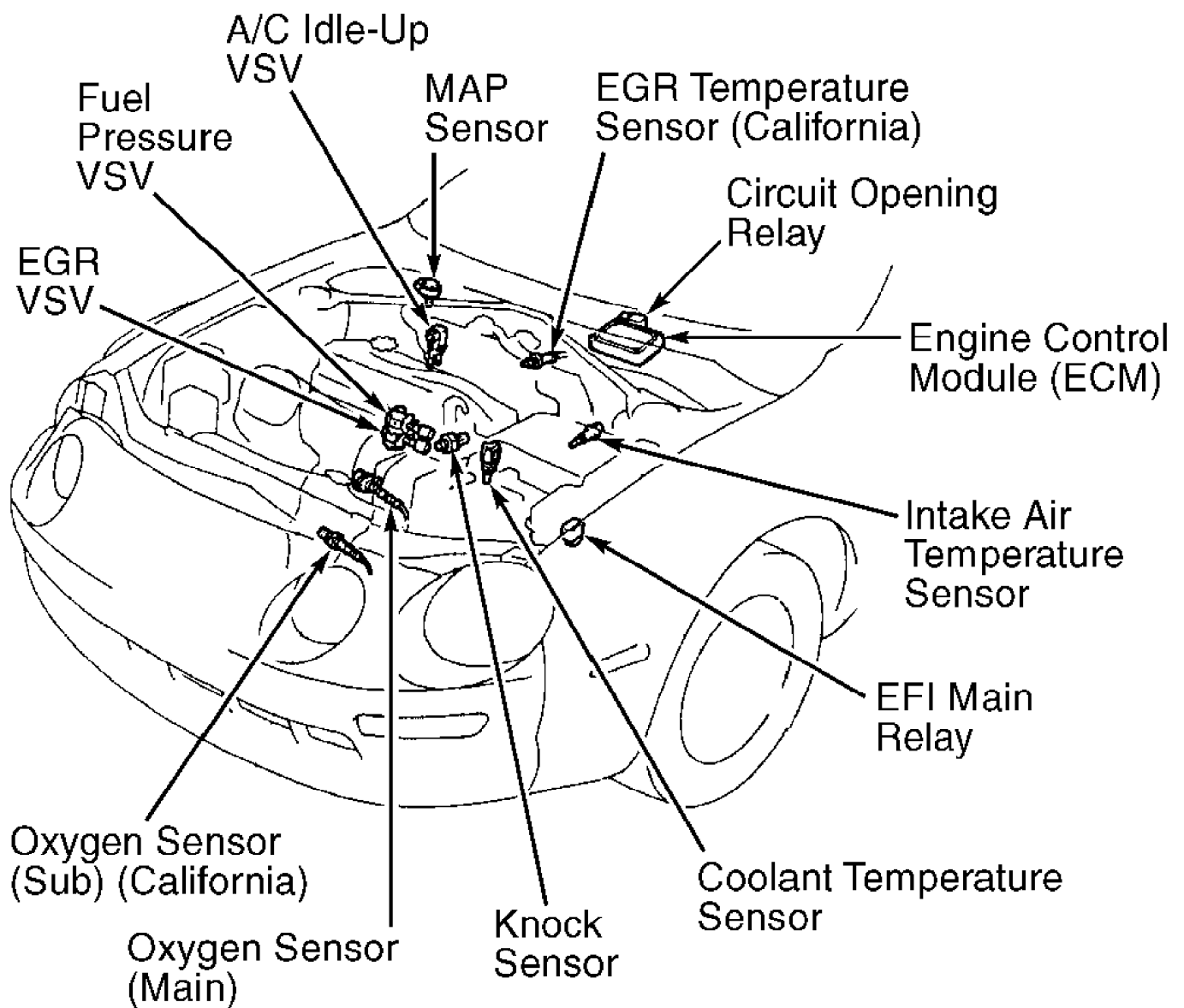


7A-FE ENGINE

95A24125

Coolant Temp. Sensor (1.8L
7A-FE Engine)

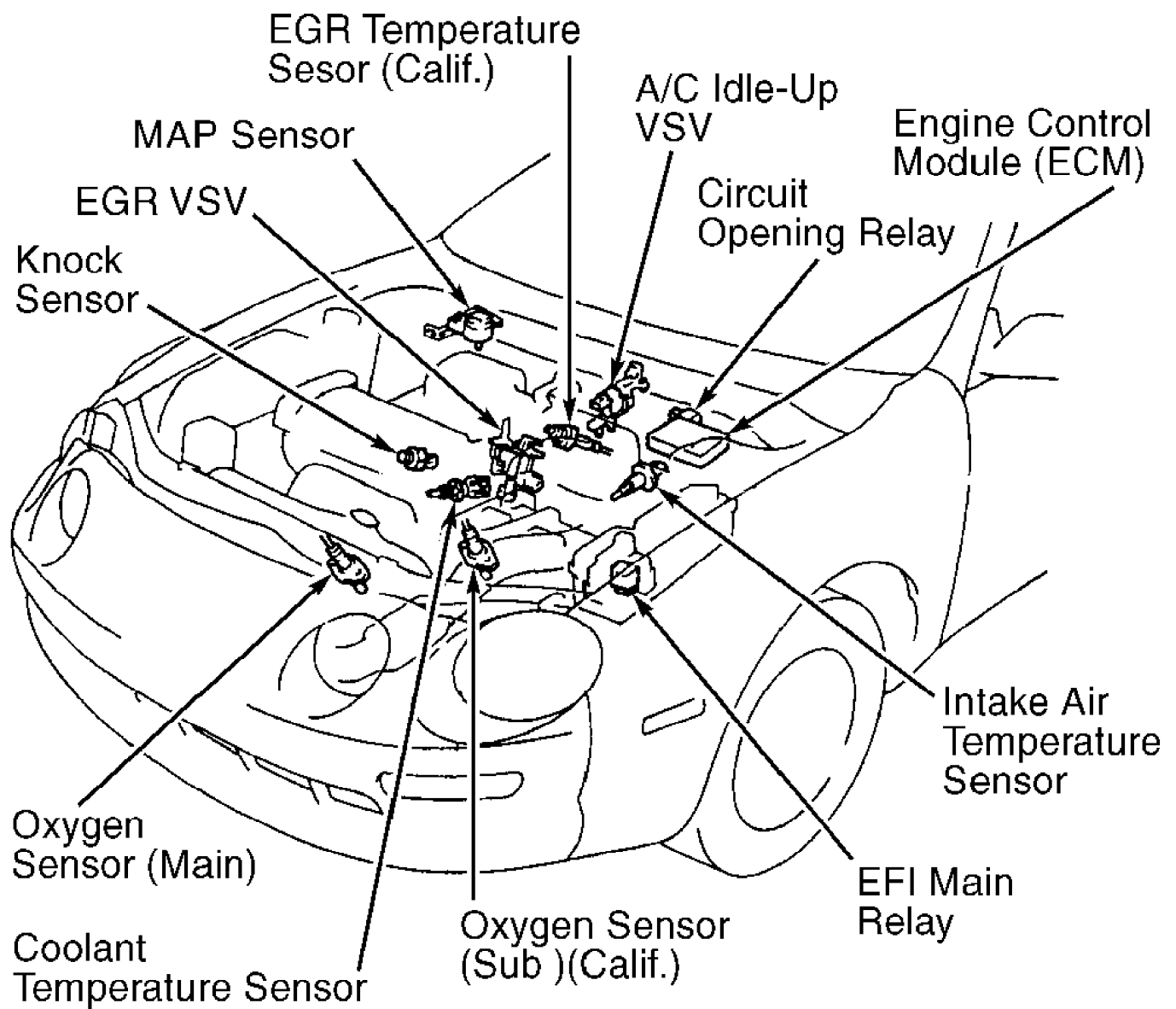
Threaded into top of coolant
outlet flange nearest cylinder
head.



95B24126

Coolant Temp. Sensor (2.2L
5S-FE Engine)

Threaded into top of coolant
outlet flange nearest cylinder
head.

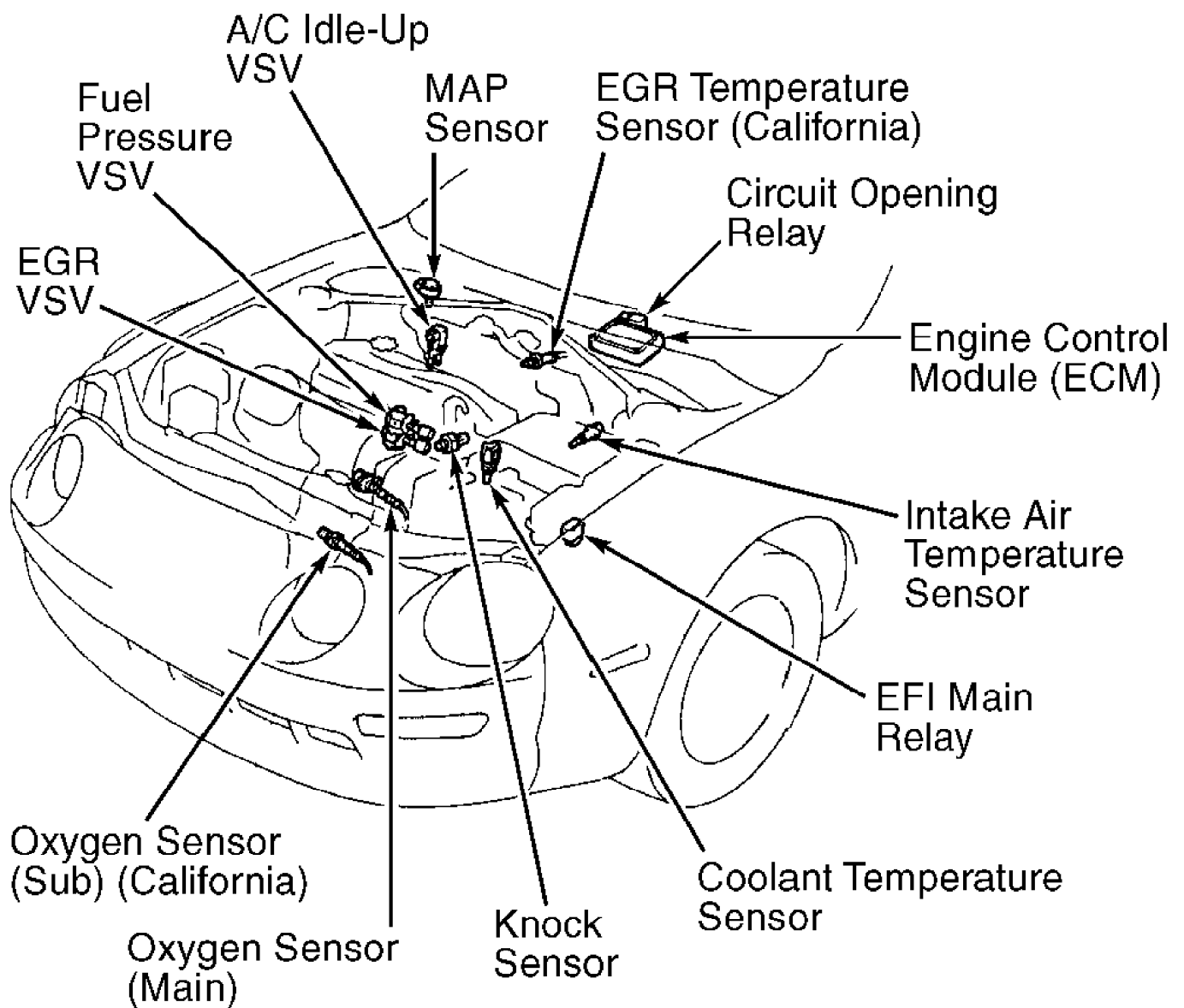


7A-FE ENGINE

95A24125

EGR Temp. Sensor (1.8L, Calif.)

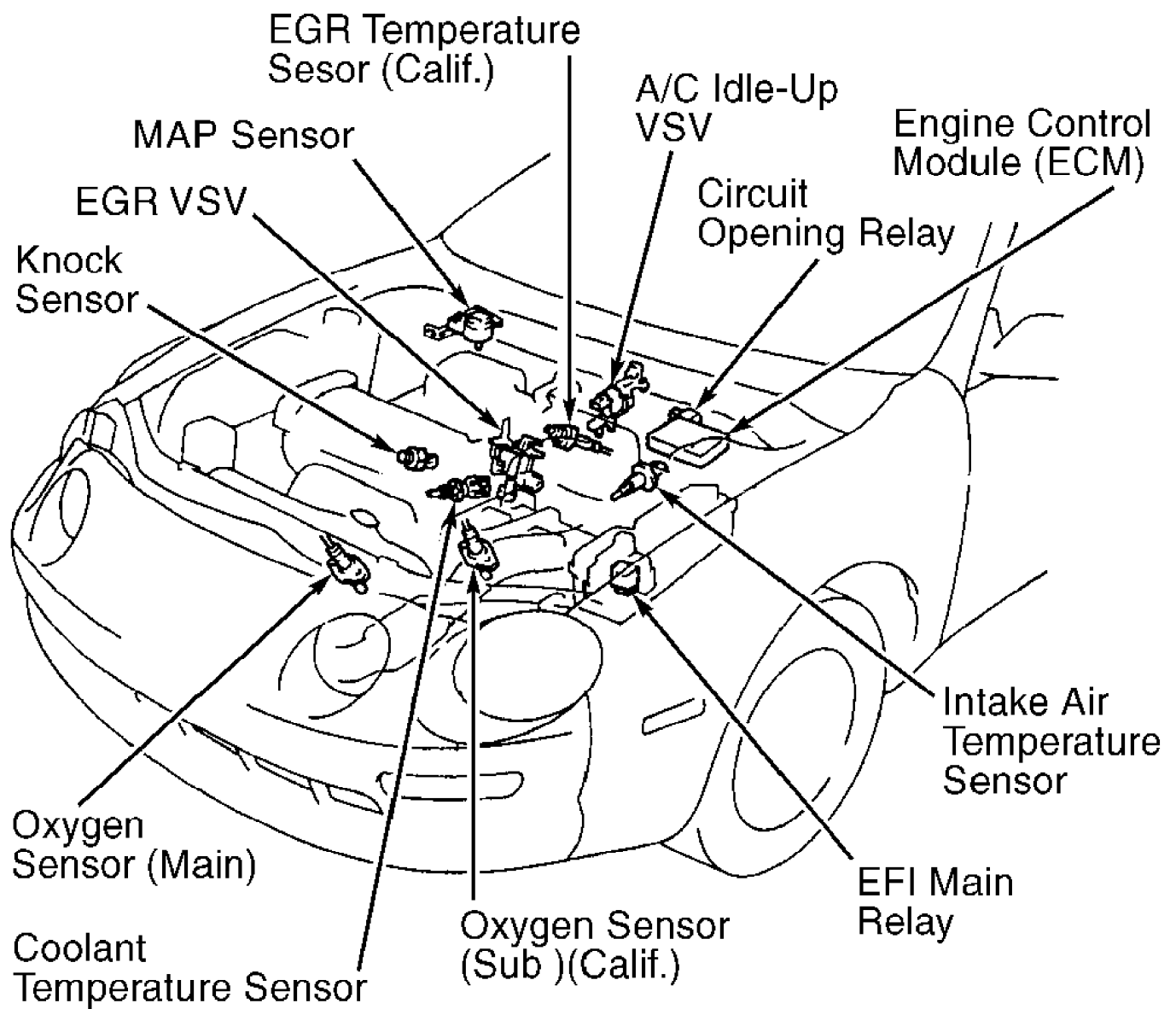
Mounted on side of EGR valve.



95B24126

EGR Temp. Sensor (2.2L, Calif.)

Mounted on side of EGR valve.

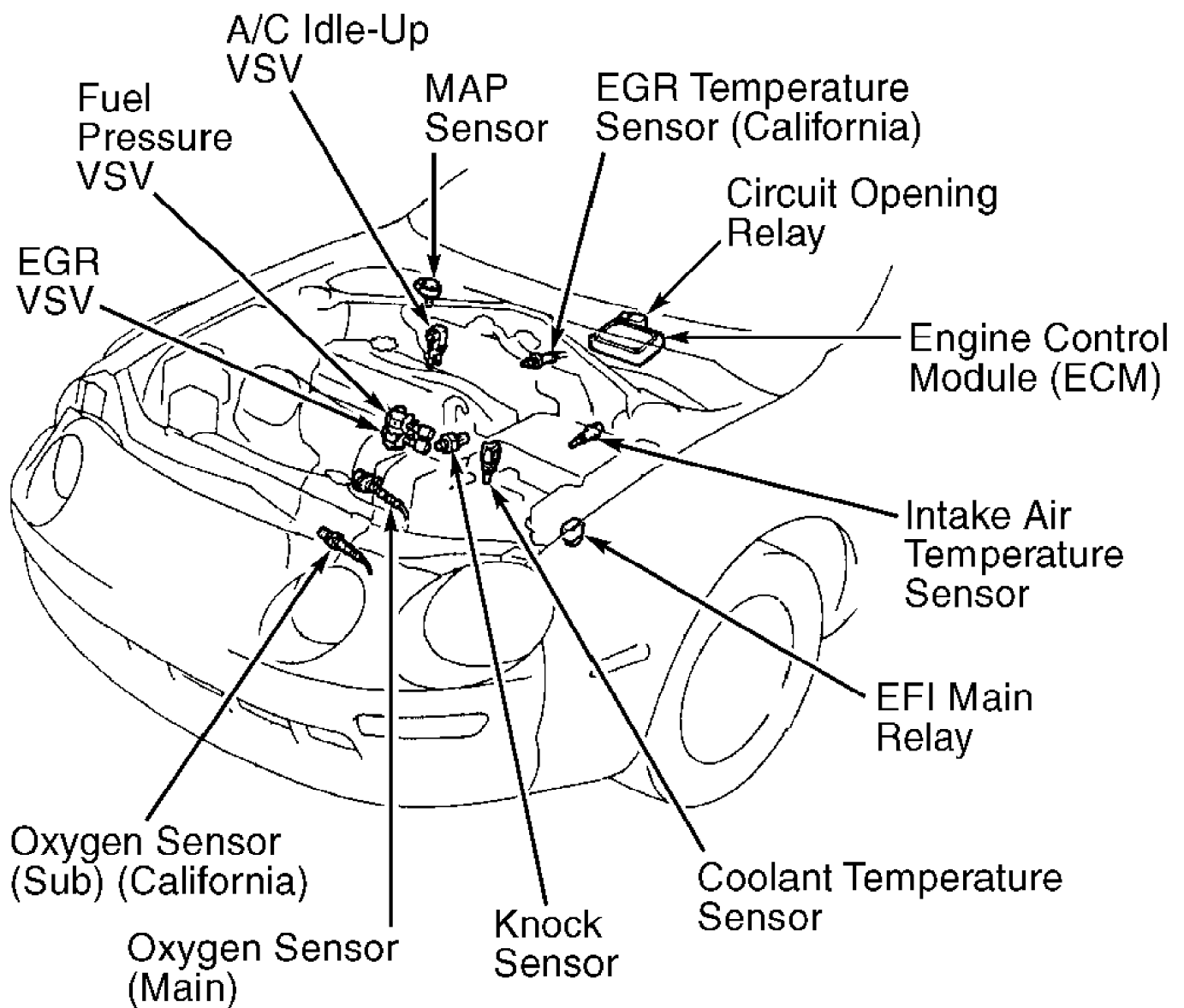


7A-FE ENGINE

95A24125

Intake Air Temp. Sensor (1.8L
7A-FE Engine)

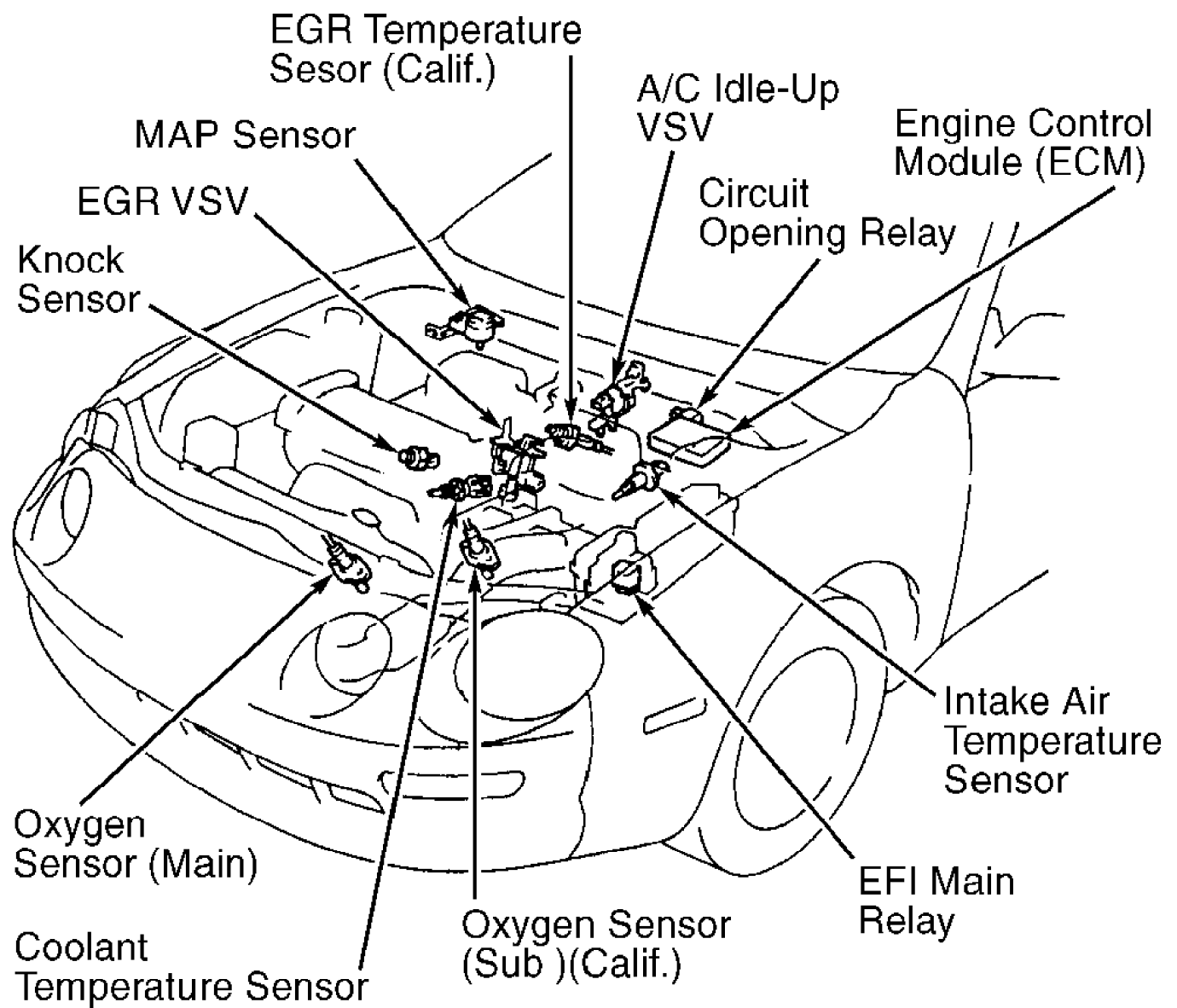
Mounted to air cleaner
assembly or in air intake
duct.



95B24126

Intake Air Temp. Sensor (2.2L
5S-FE Engine)

Mounted to air cleaner
assembly or in air intake
duct.

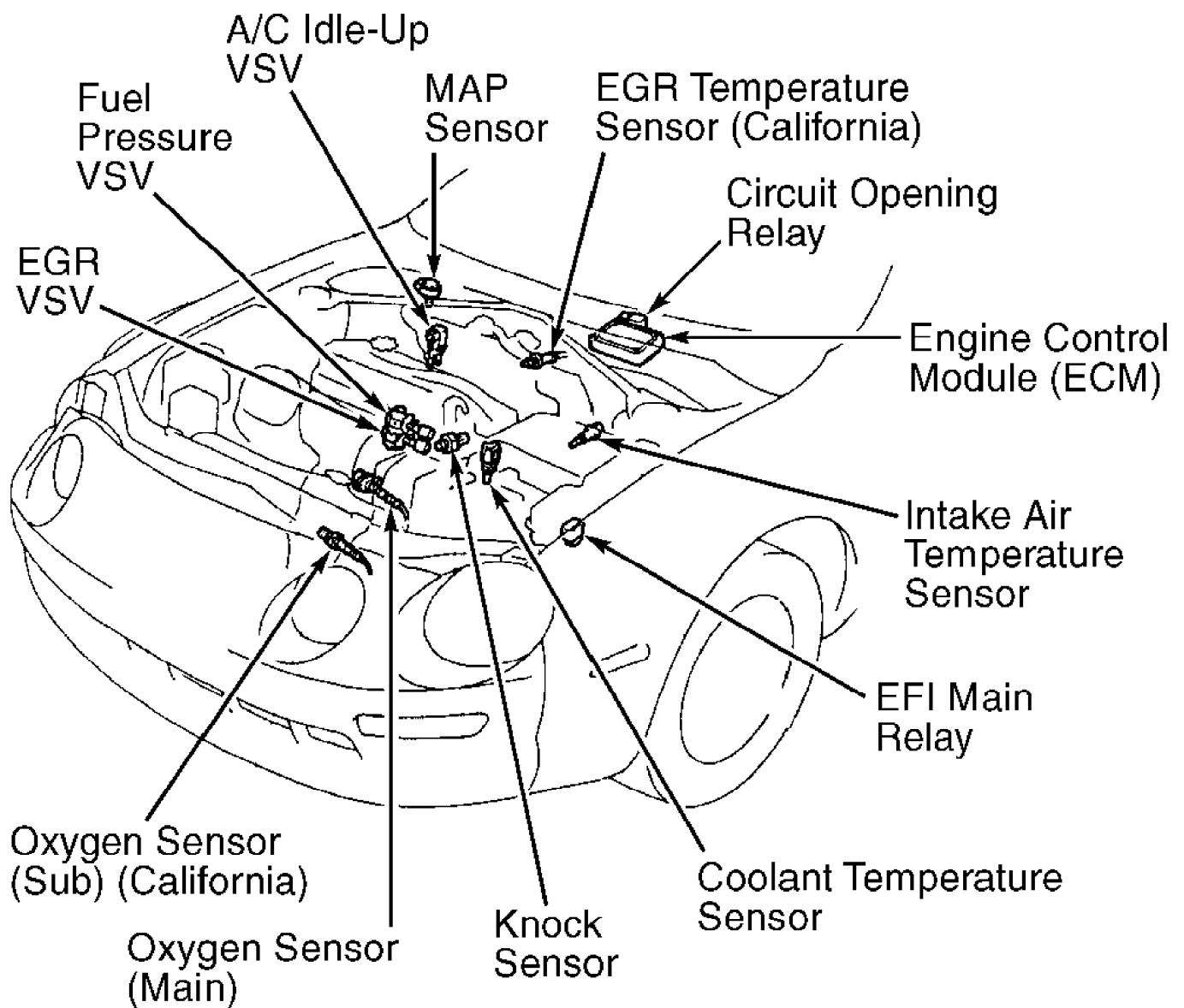


7A-FE ENGINE

95A24125

Knock Sensor (1.8L 7A-FE)

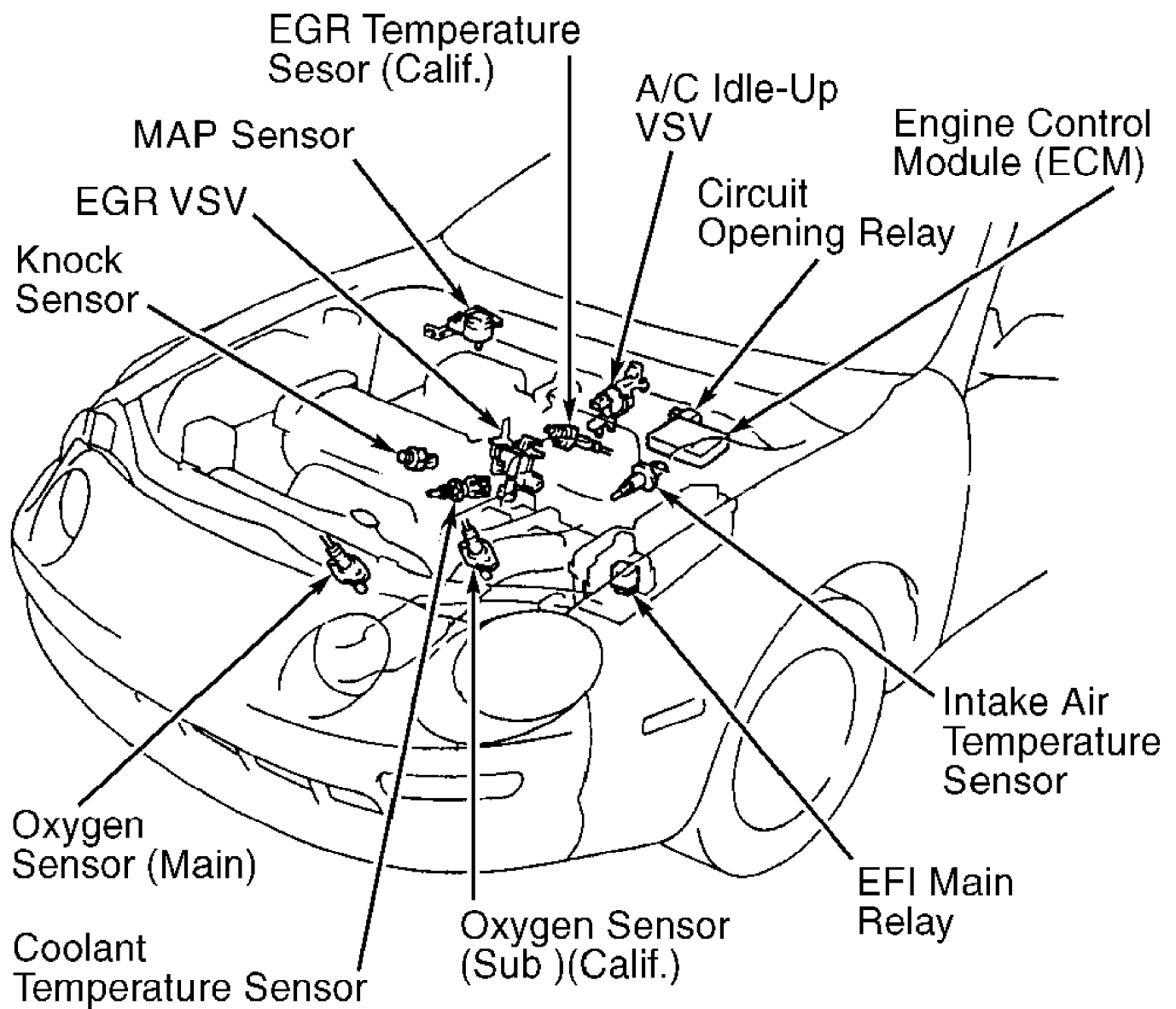
On intake side of cylinder block, near No. 1 cylinder.



95B24126

Knock Sensor (2.2L 5S-FE)

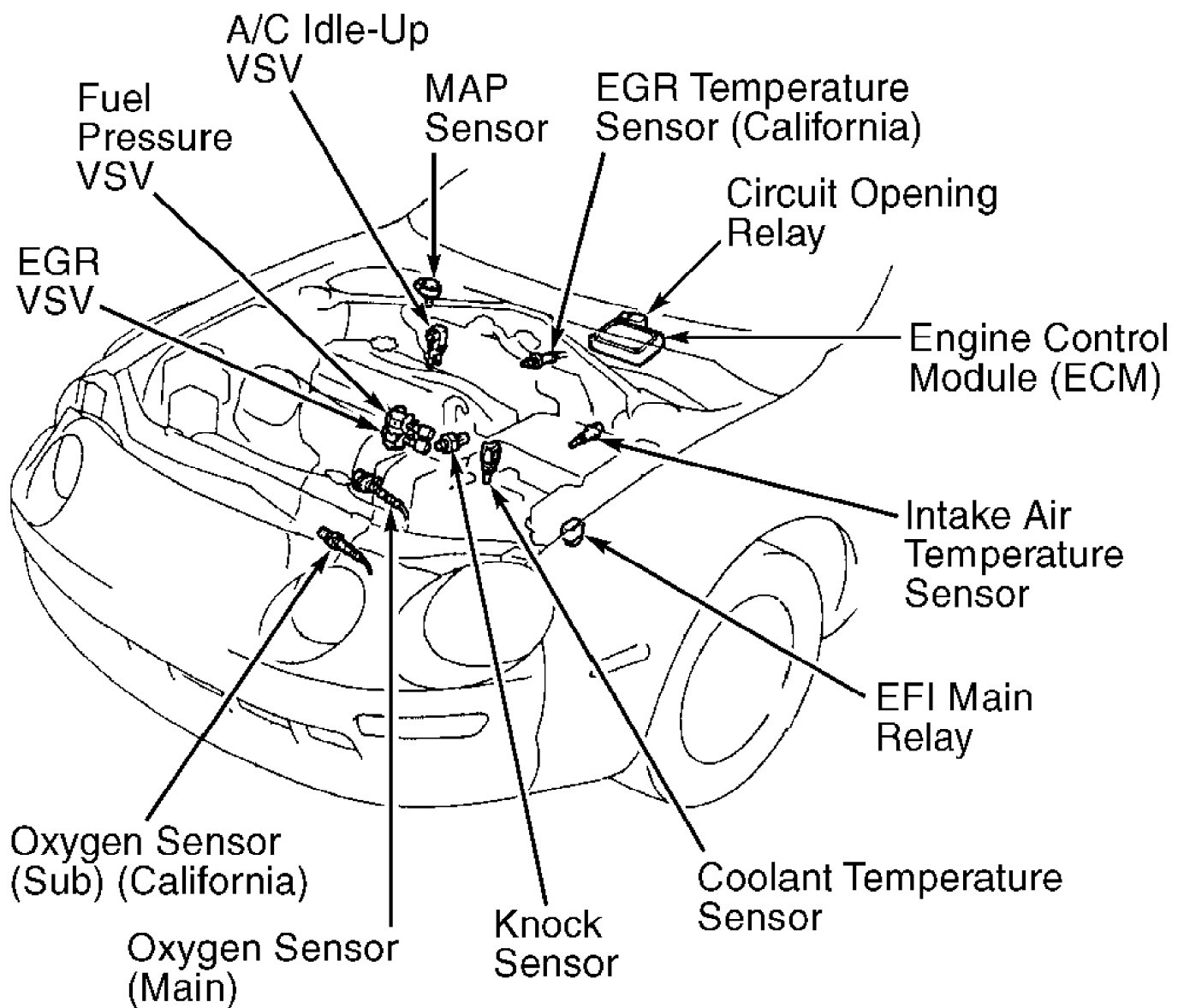
On intake side of cylinder
block, near No. 1 cylinder.



7A-FE ENGINE

95A24125
MAP Sensor (1.8L 7A-FE)

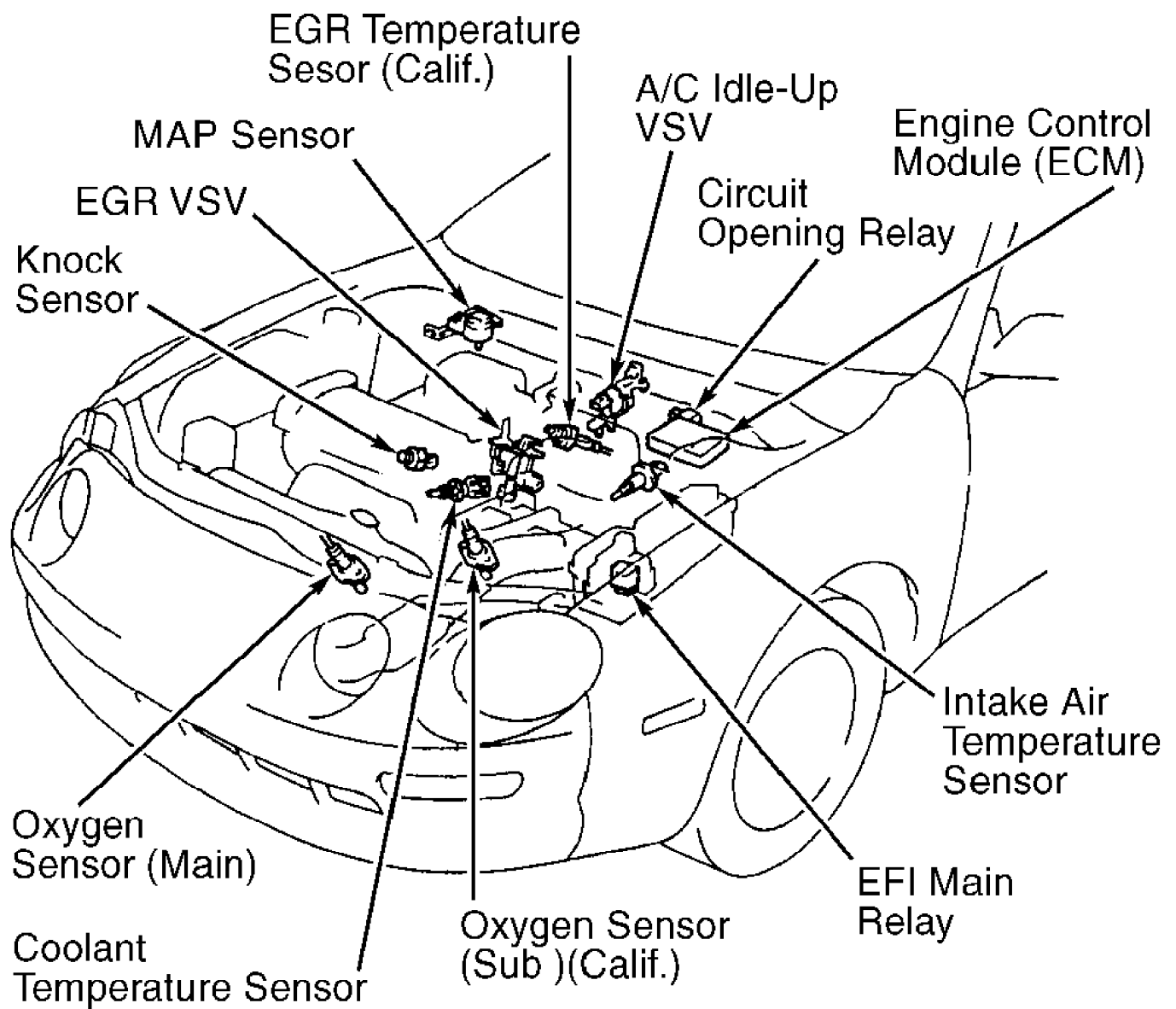
In engine compartment, near
right side of firewall.



95B24126

MAP Sensor (2.2L 5S-FE)

In engine compartment, near
right side of firewall.

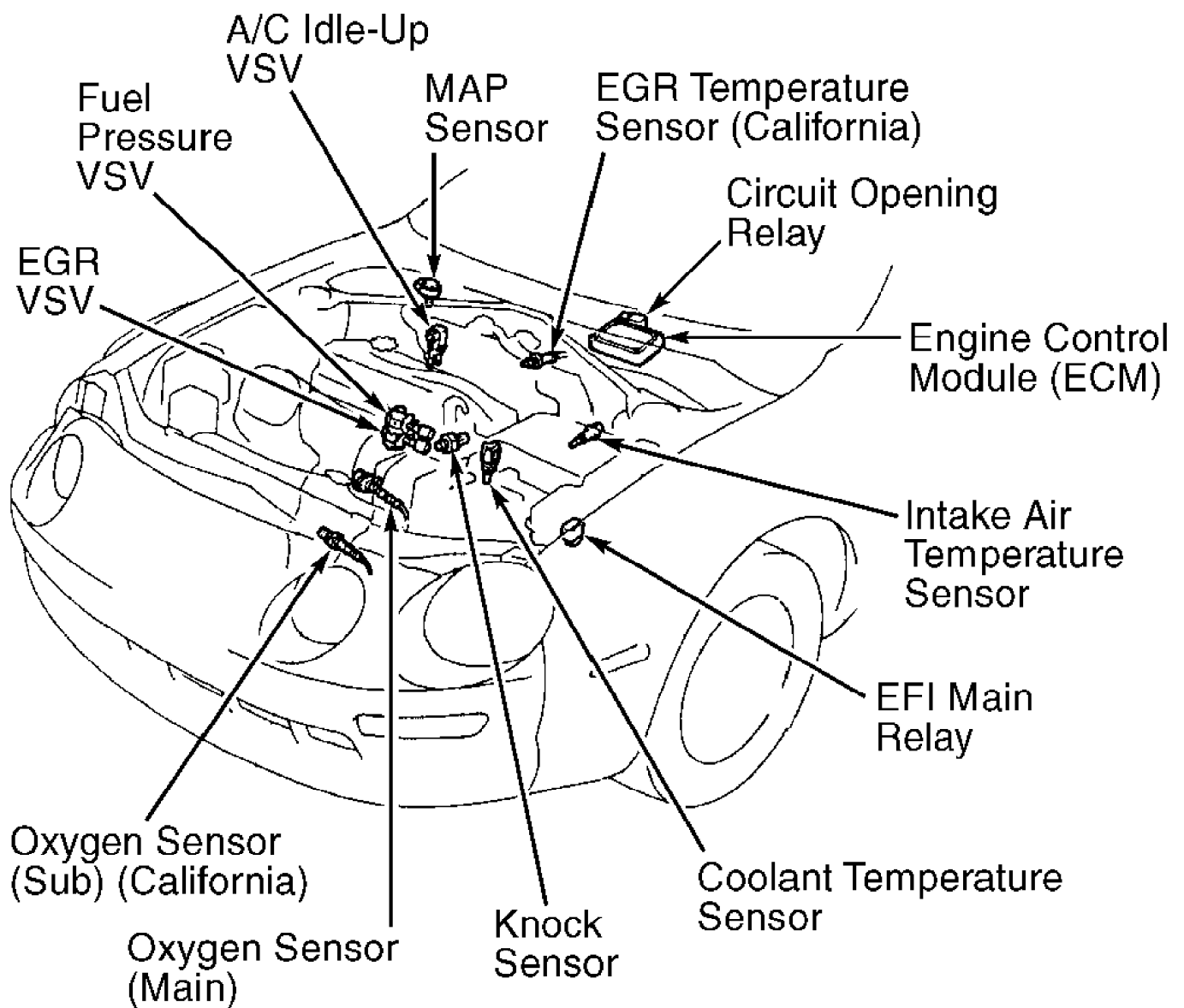


7A-FE ENGINE

95A24125

O² Sensor (1.8L 7A-FE, Main)

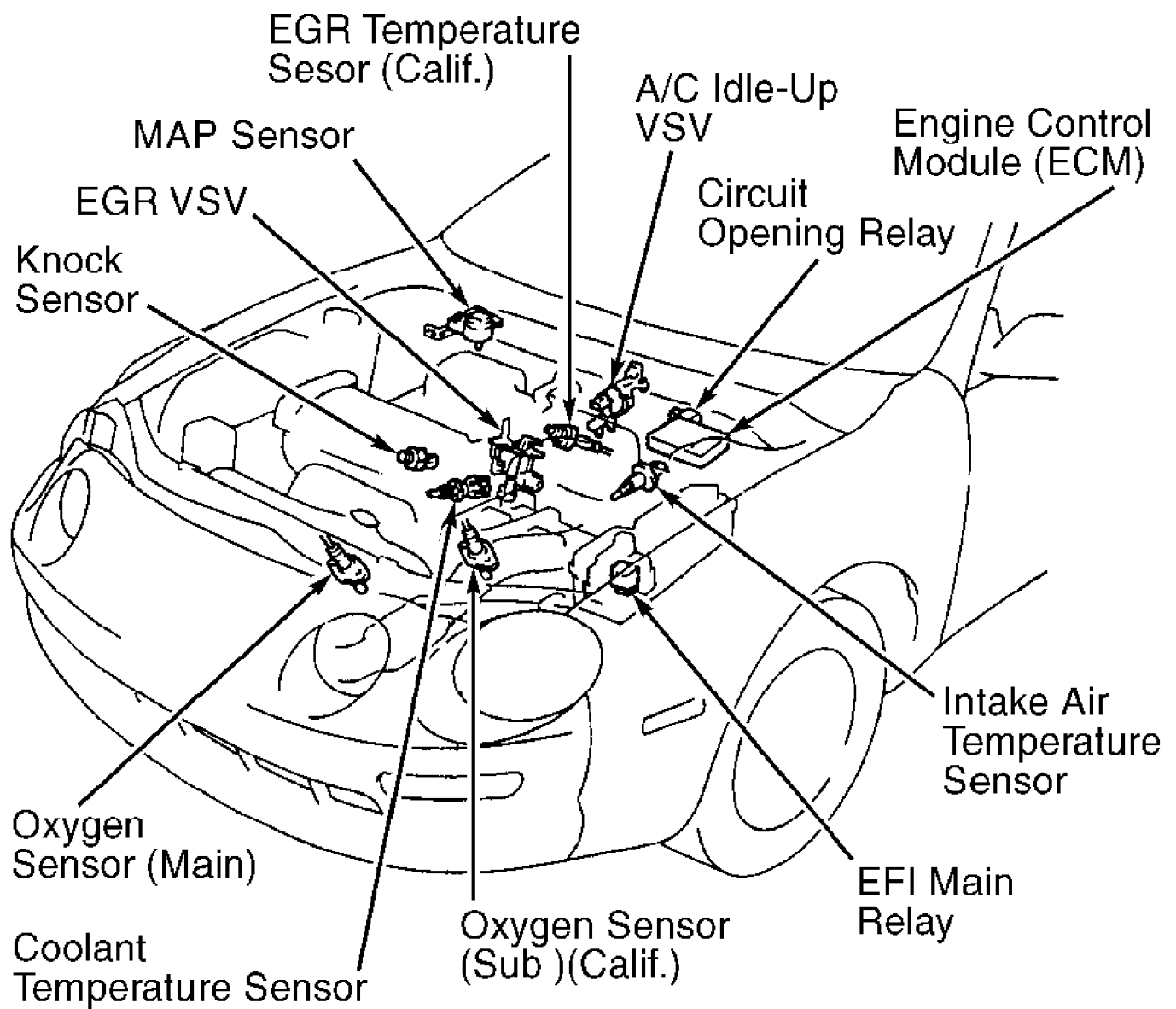
In exhaust manifold.



95B24126

O² Sensor (2.2L 5S-FE, Main

In exhaust manifold.

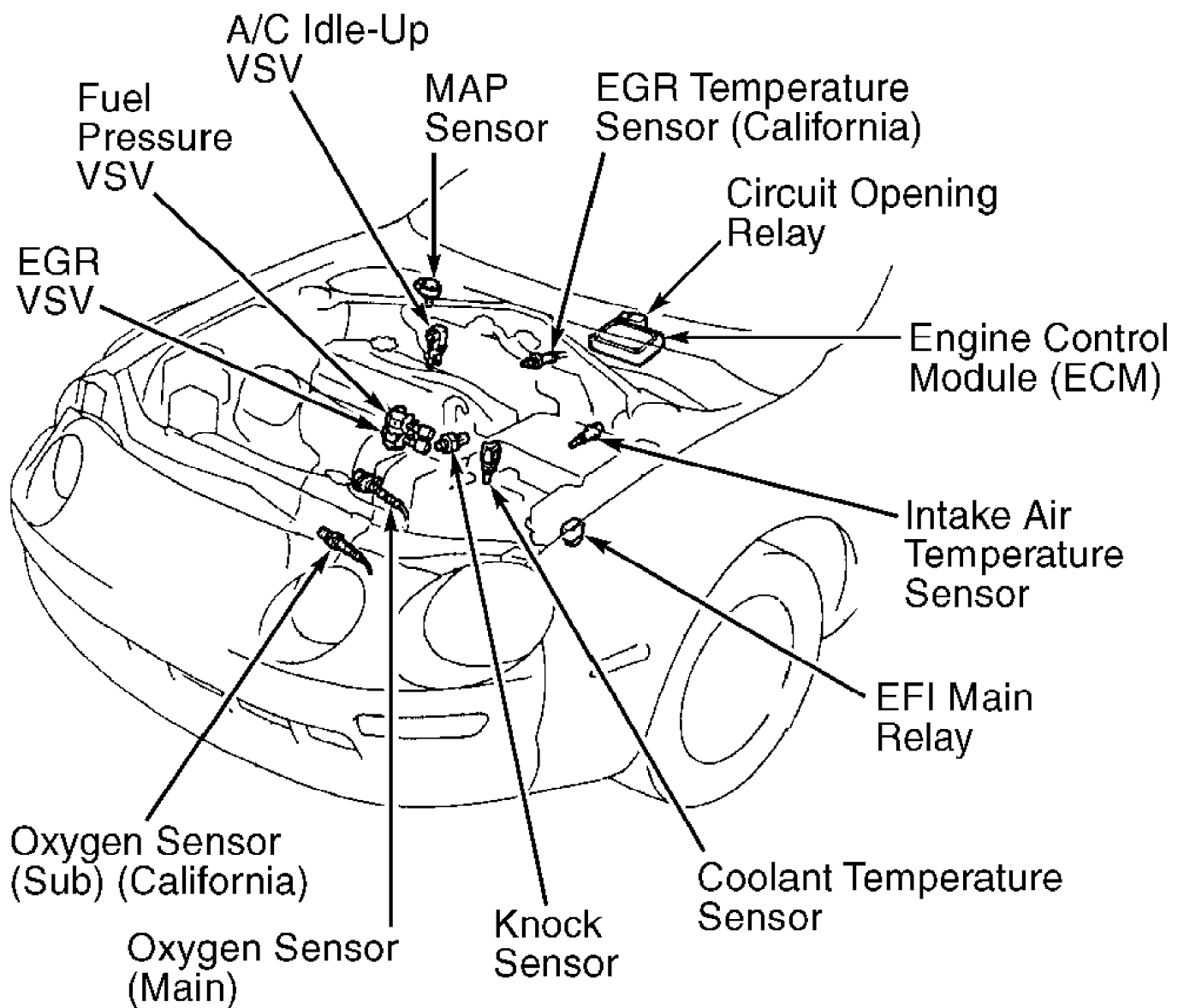


7A-FE ENGINE

95A24125

O² Sensor (1.8L 7A-FE, Sub
(Calif.)

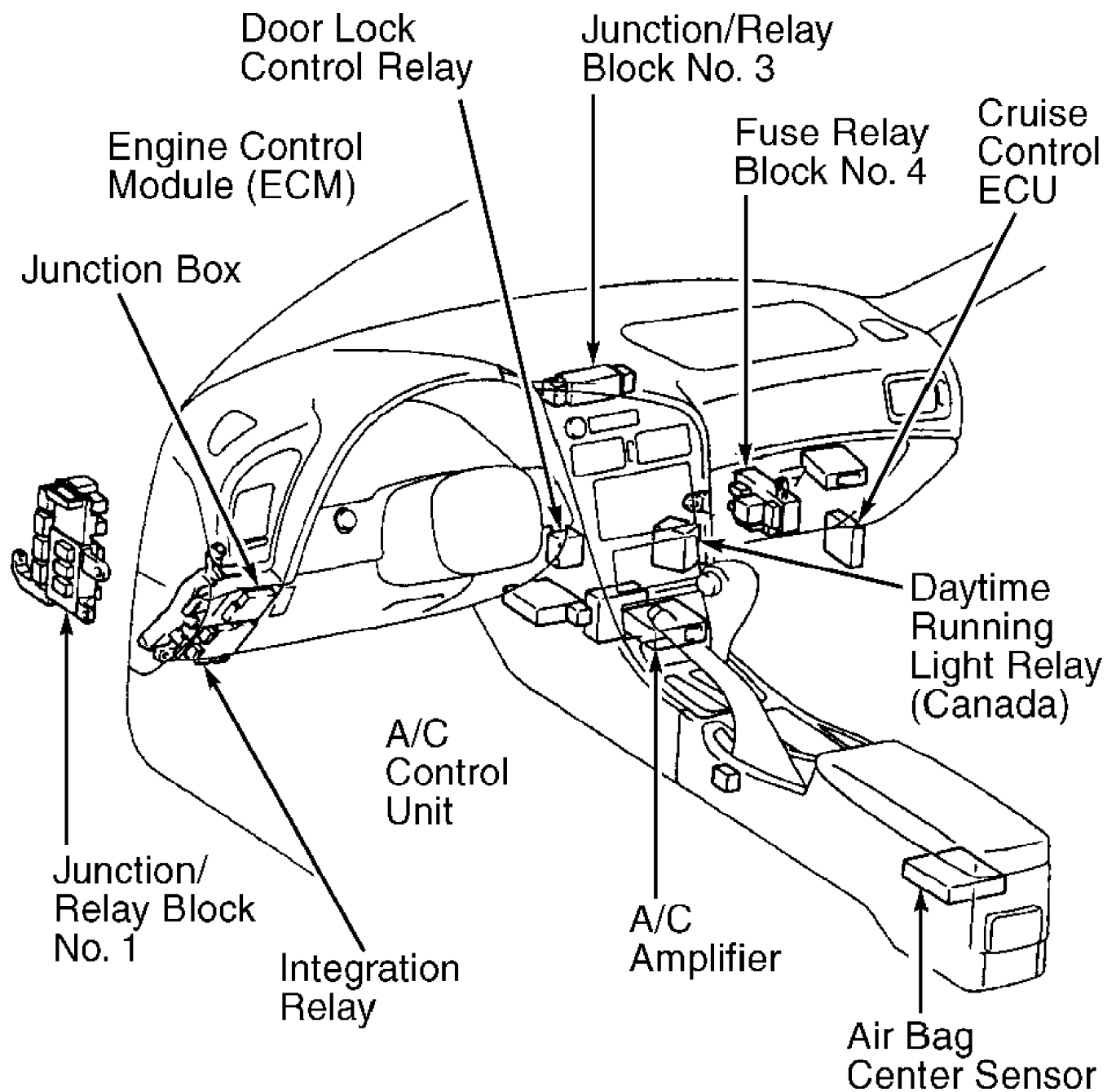
In exhaust manifold after TWC.



95B24126

O² Sensor (2.2L 5S-FE, Sub
(Calif.))

In exhaust manifold after TWC.



95|24123

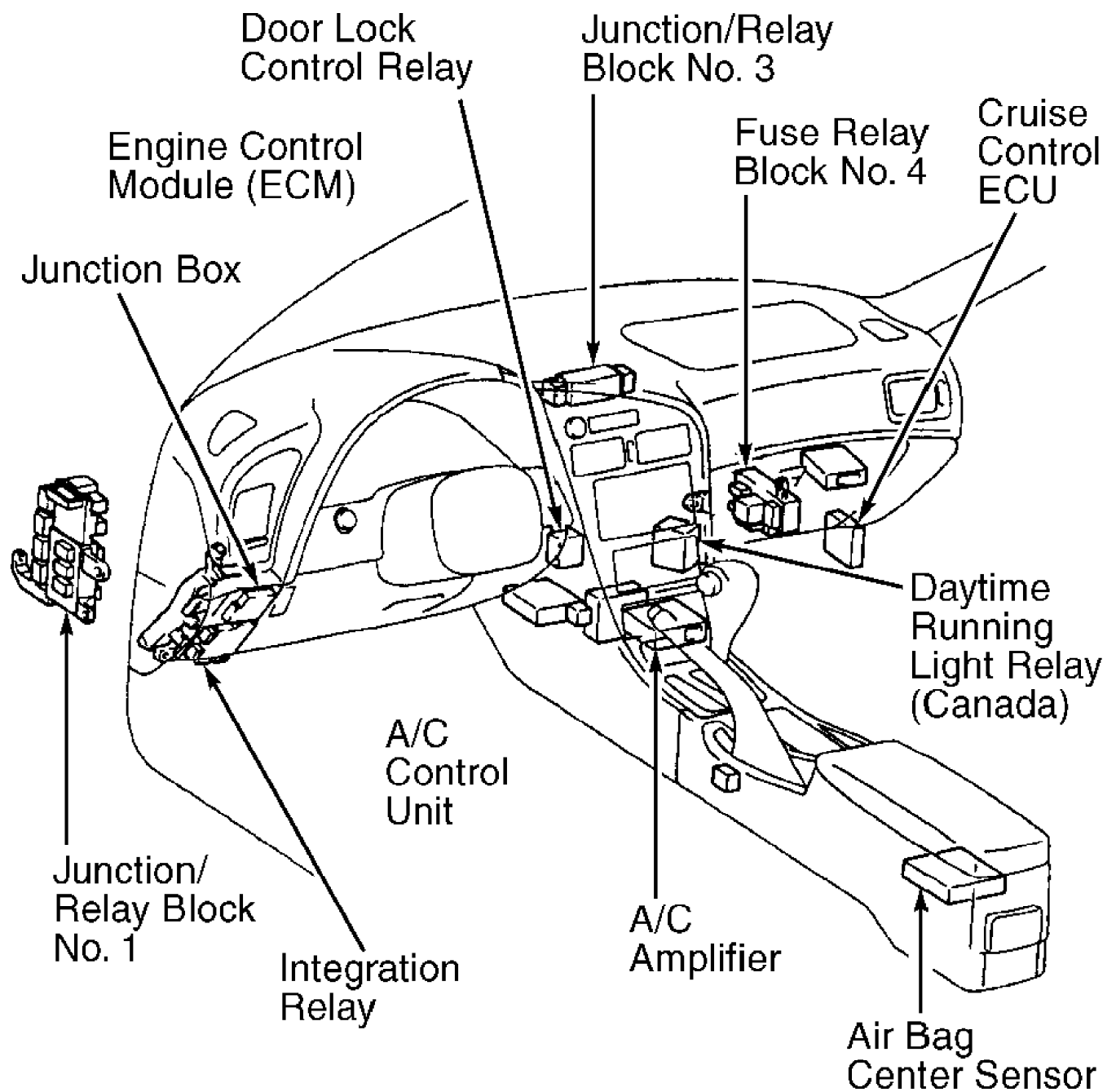
Throttle Position Sensor

On throttle body.

Vehicle Speed Sensors

VSS No. 1

On rear of speedometer assembly.



95/24123

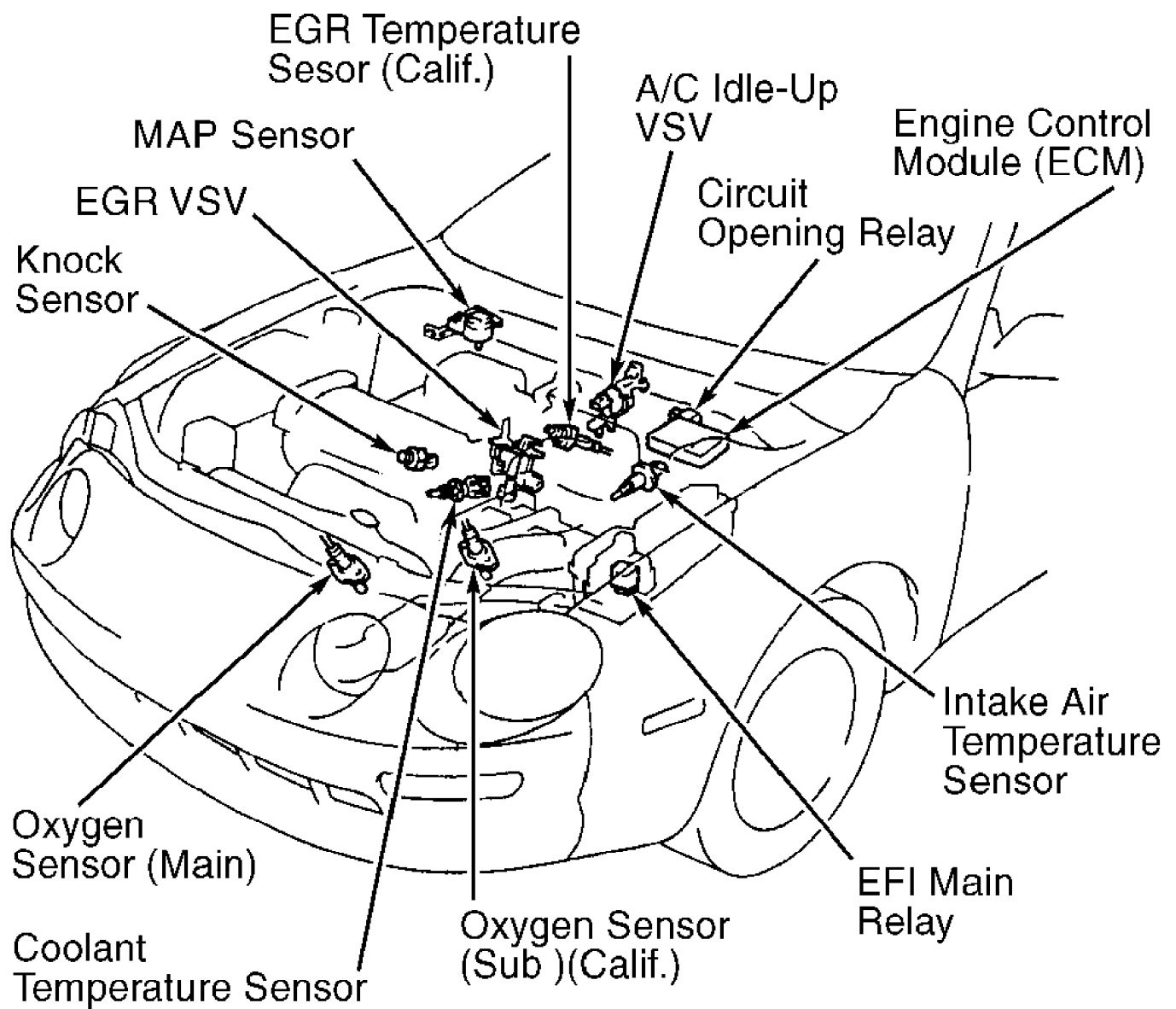
VSS No. 2

Mounted to top of transaxle.

SOLENOIDS & SOLENOID VALVES

Component

Component Location

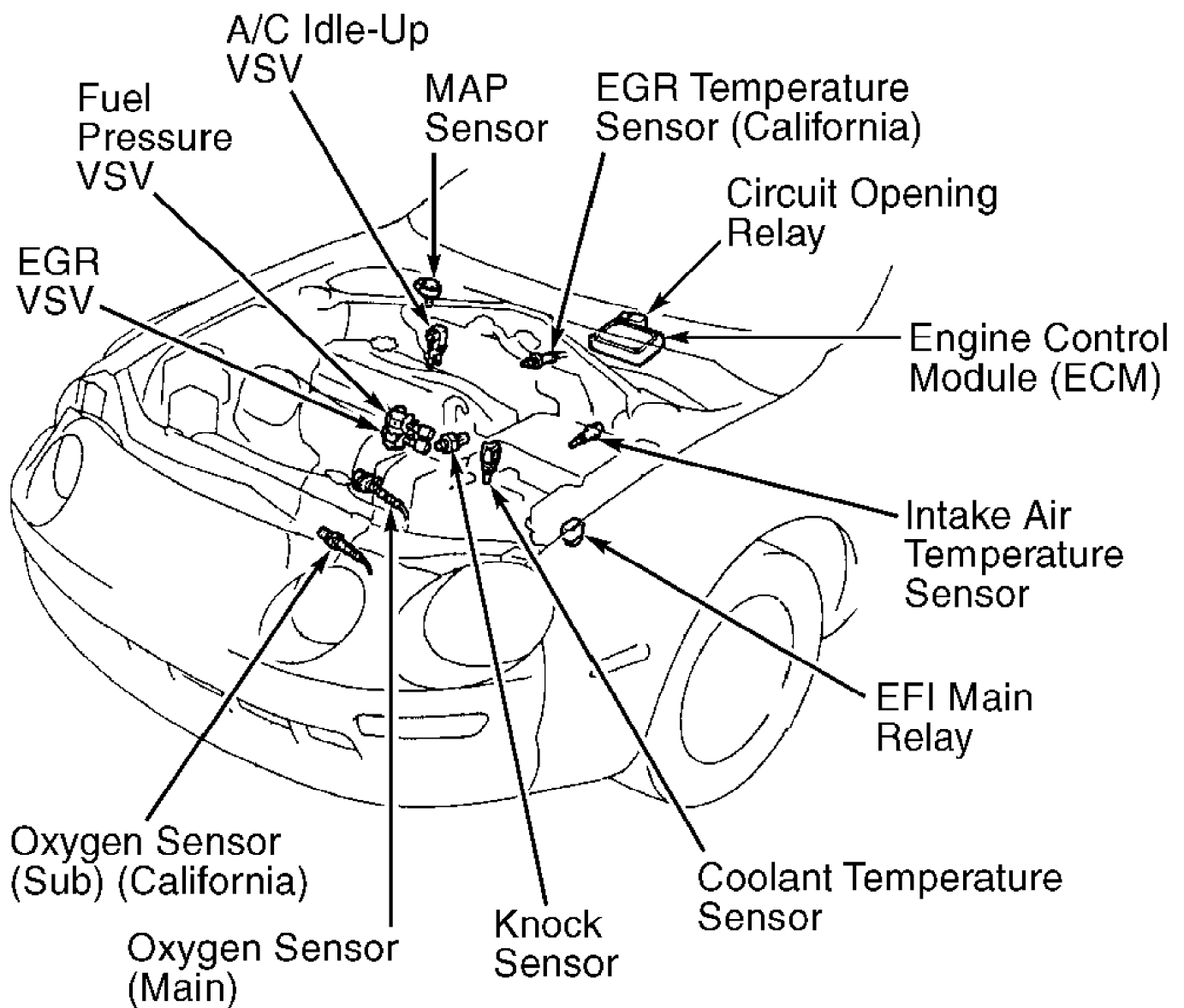


7A-FE ENGINE

95A24125

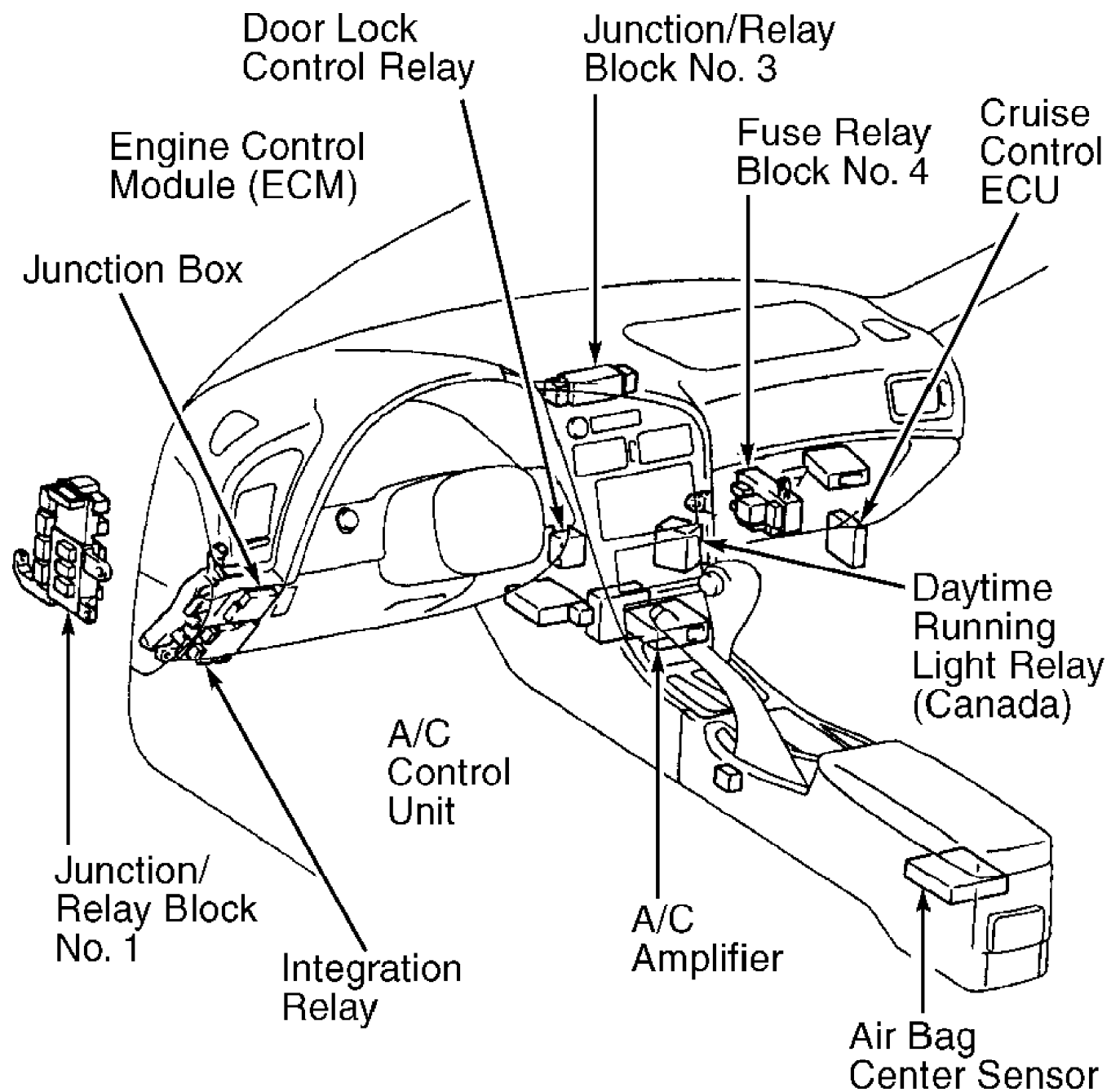
A/C Idle-Up Vacuum
Switching Valve (VSV)

In engine compartment, on
right side of firewall.



95B24126
Switching Valve (VSV)

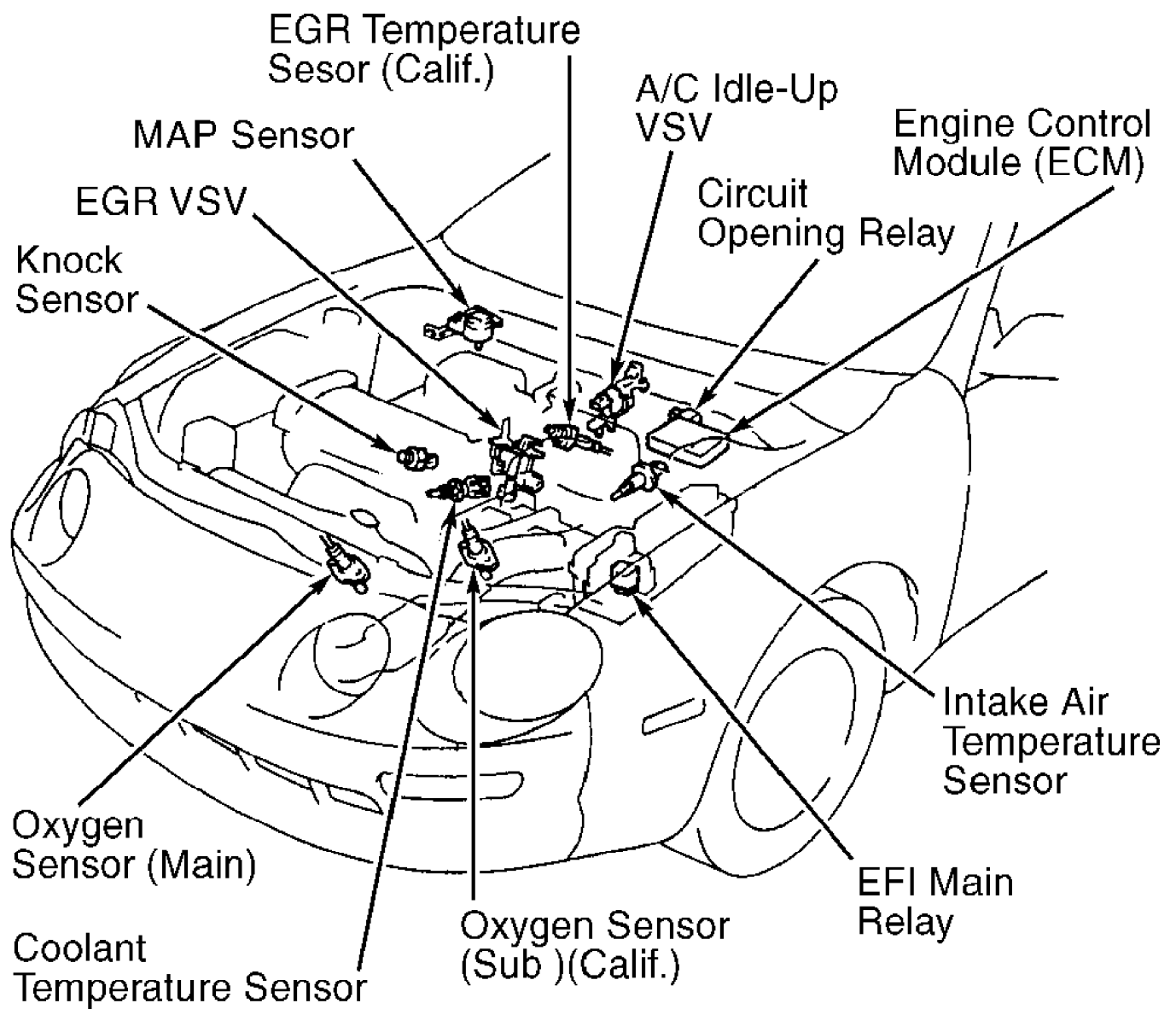
In engine compartment, on
right side of firewall.



95|24123

A/T Solenoid Valves No. 1 & 2

On transaxle valve body.

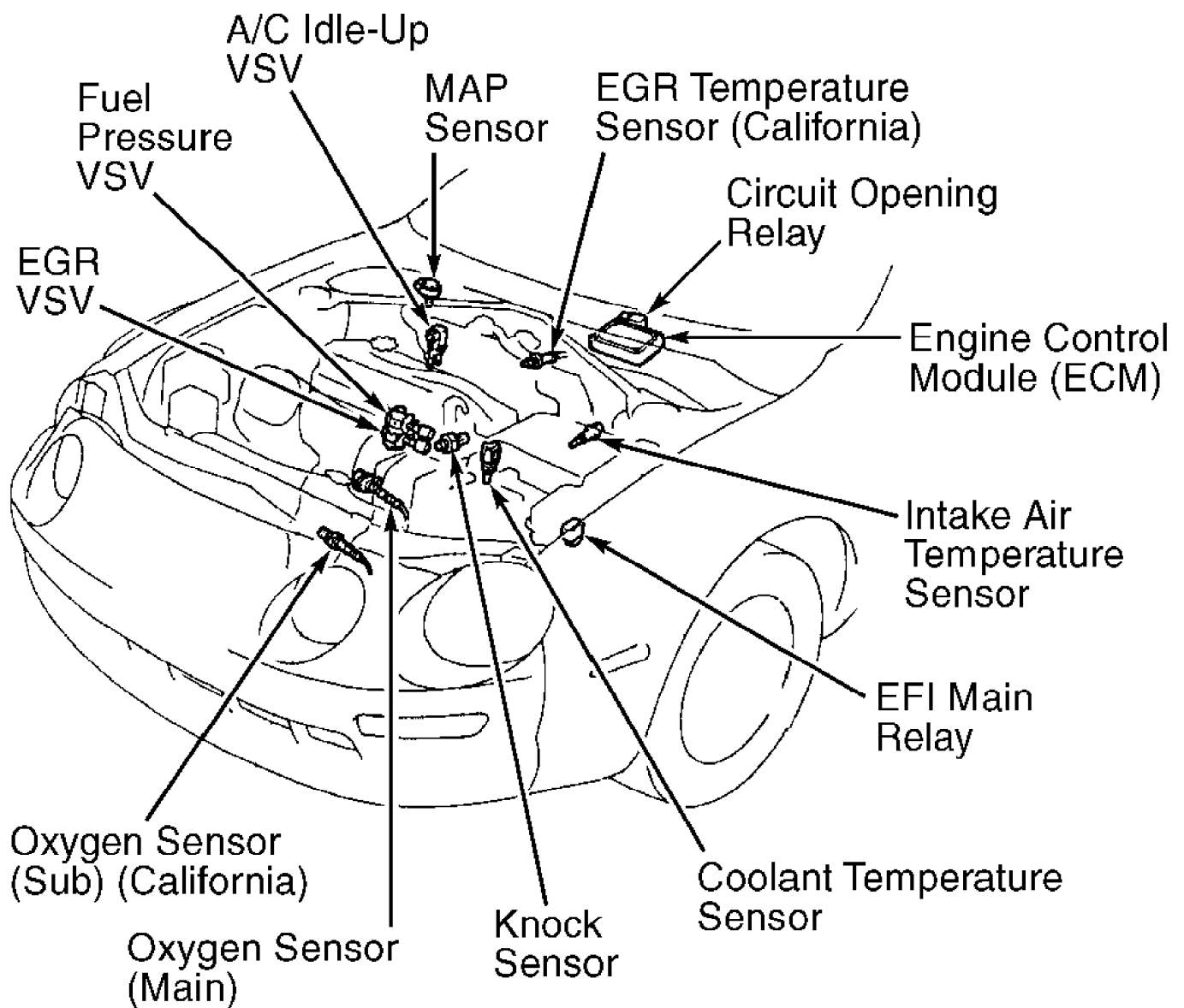


7A-FE ENGINE

95A24125

EGR VSV (1.8L 7A-FE Engine)
(Vacuum Switching Valve (VSV))

Near EGR valve.



95B24126

EGR VS (2.2L 5S-FE Engine)
(Vacuum Switching Valve (VSV))

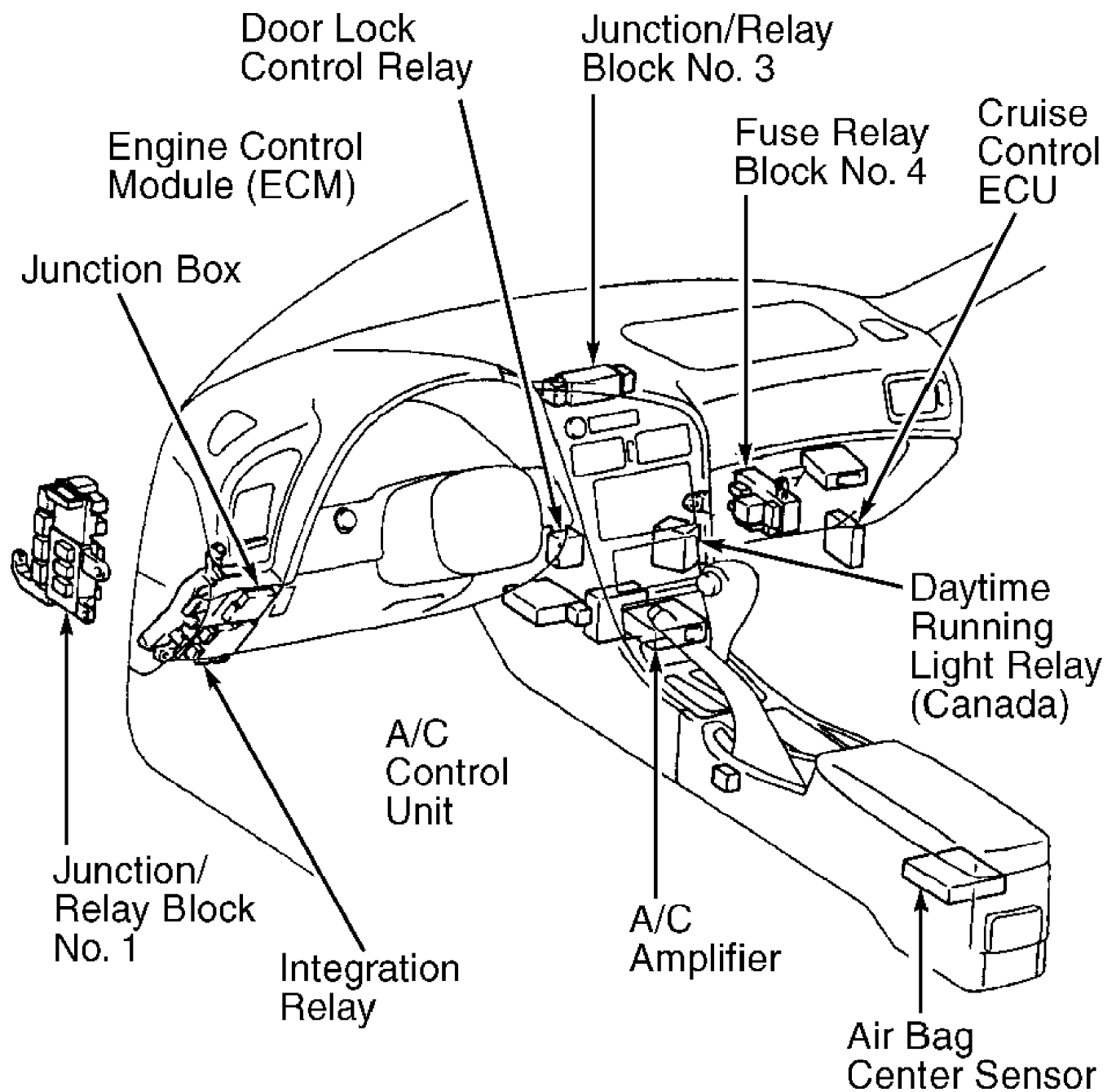
Near EGR valve.

Idle Air Control (IAC) Valve

On throttle body.

Key Interlock Solenoid

On steering column, mounted to
ignition lock cylinder
assembly.



95|24123

Shift Lock Solenoid (A/T)

Mounting on left side of transaxle.

Tension Reducer Solenoid

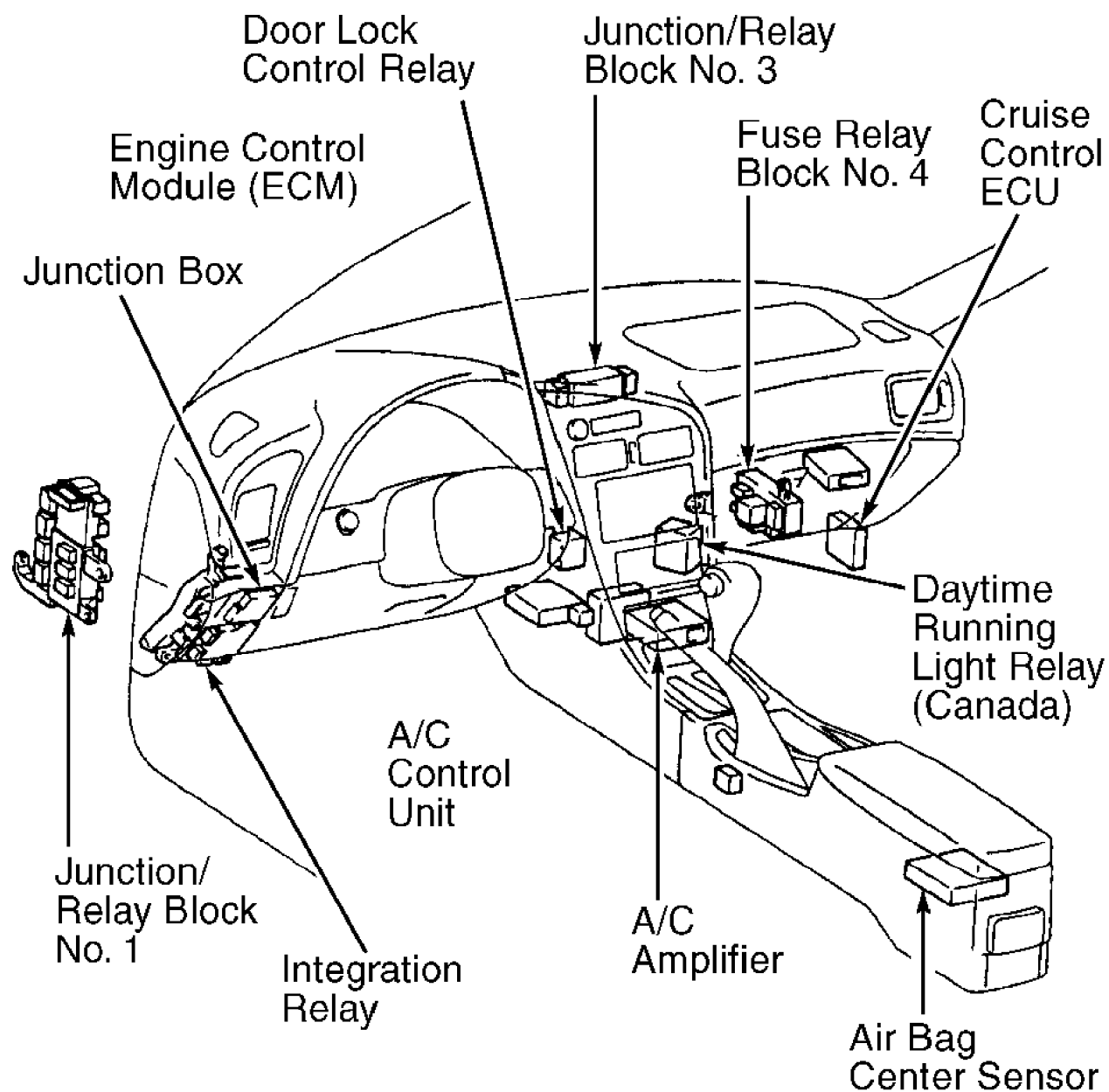
Mounting in seat belt retractor assembly.

SWITCHES

Component

Component Location

A/C Cooling Fan Temp. Switch	On top of radiator.
A/C Pressure Switch	On A/C line, in right rear corner of engine compartment.
Back-Up Light Switch (M/T)	On top of transaxle.
Brake Fluid Warning Switch	On brake fluid reservoir.



95/24123 Brake/Stoplight Switch	On brake pedal bracket.
Clutch Start Switch	On clutch pedal bracket.
Key Unlock Warning Switch	On steering column, next to

ignition switch.

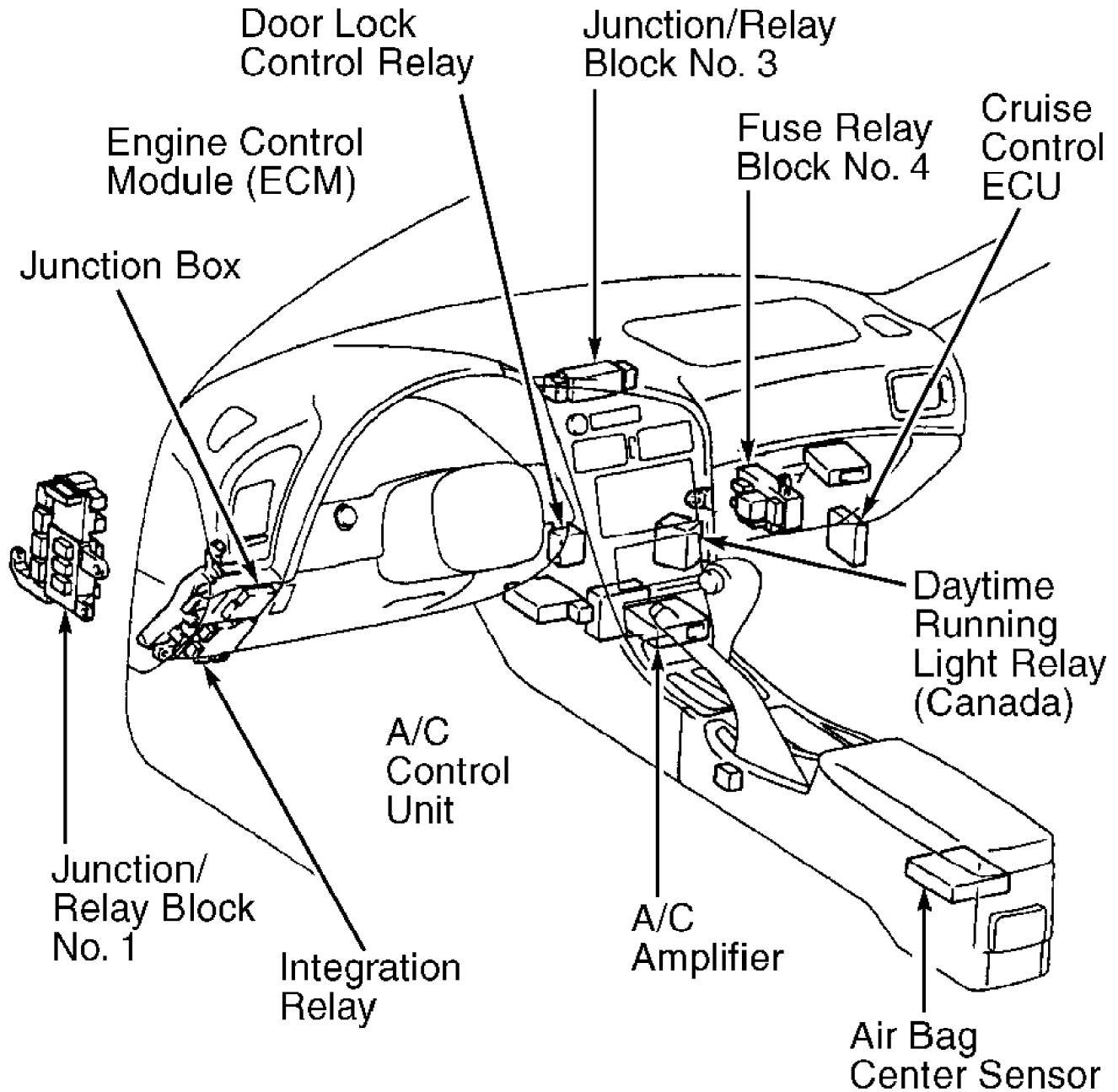
Low Oil Pressure Warning Switch

1.8L 7A-FE

On left side of engine, near
oil filter.

2.2L 5S-FE

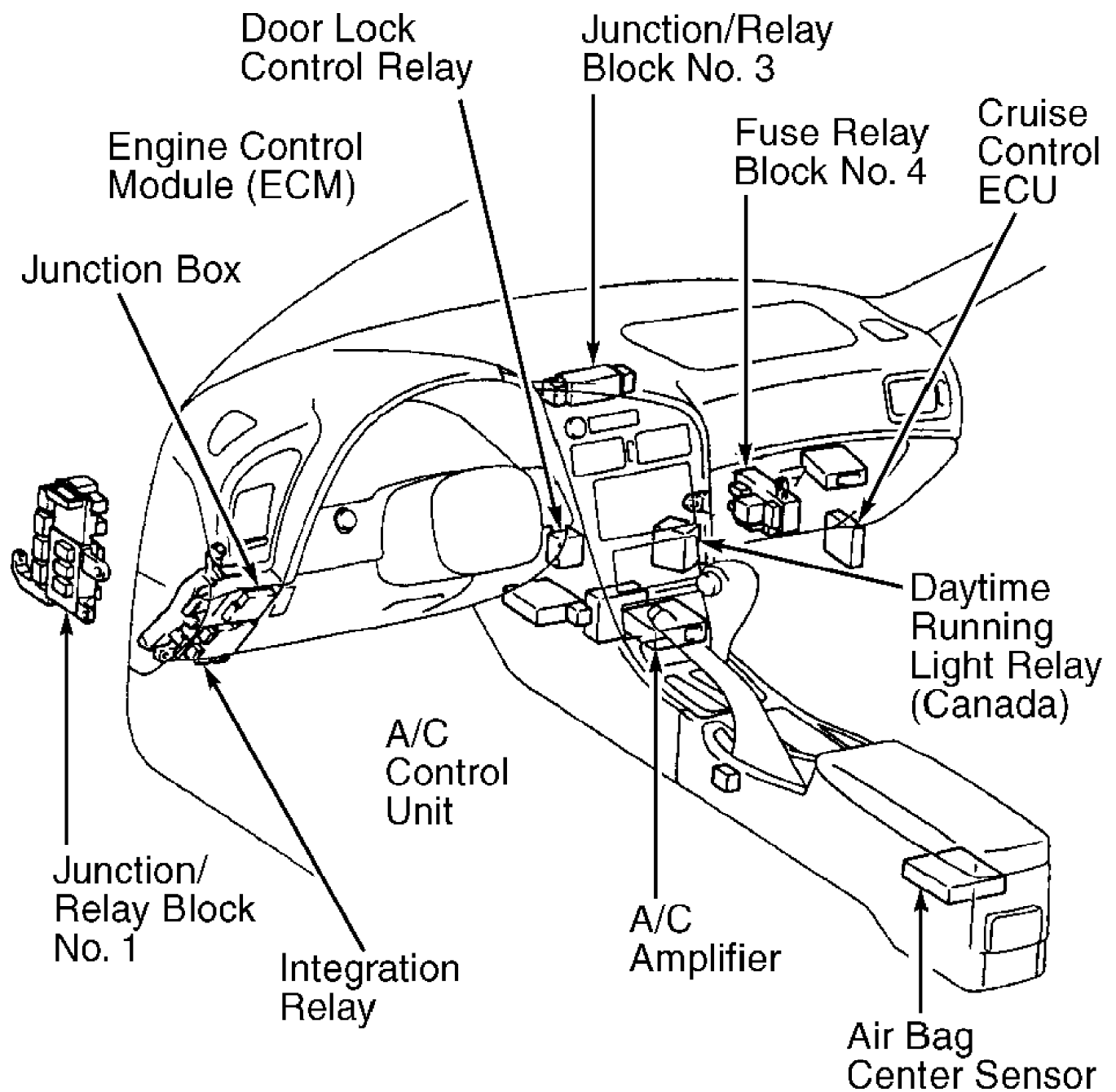
On left rear of cylinder head.



95124123

Overdrive Main Switch

On gear selector.



95/24123

Park/Neutral Position Switch
(A/T)

On left side of transaxle.

Parking Brake Switch

At base of parking brake
lever.

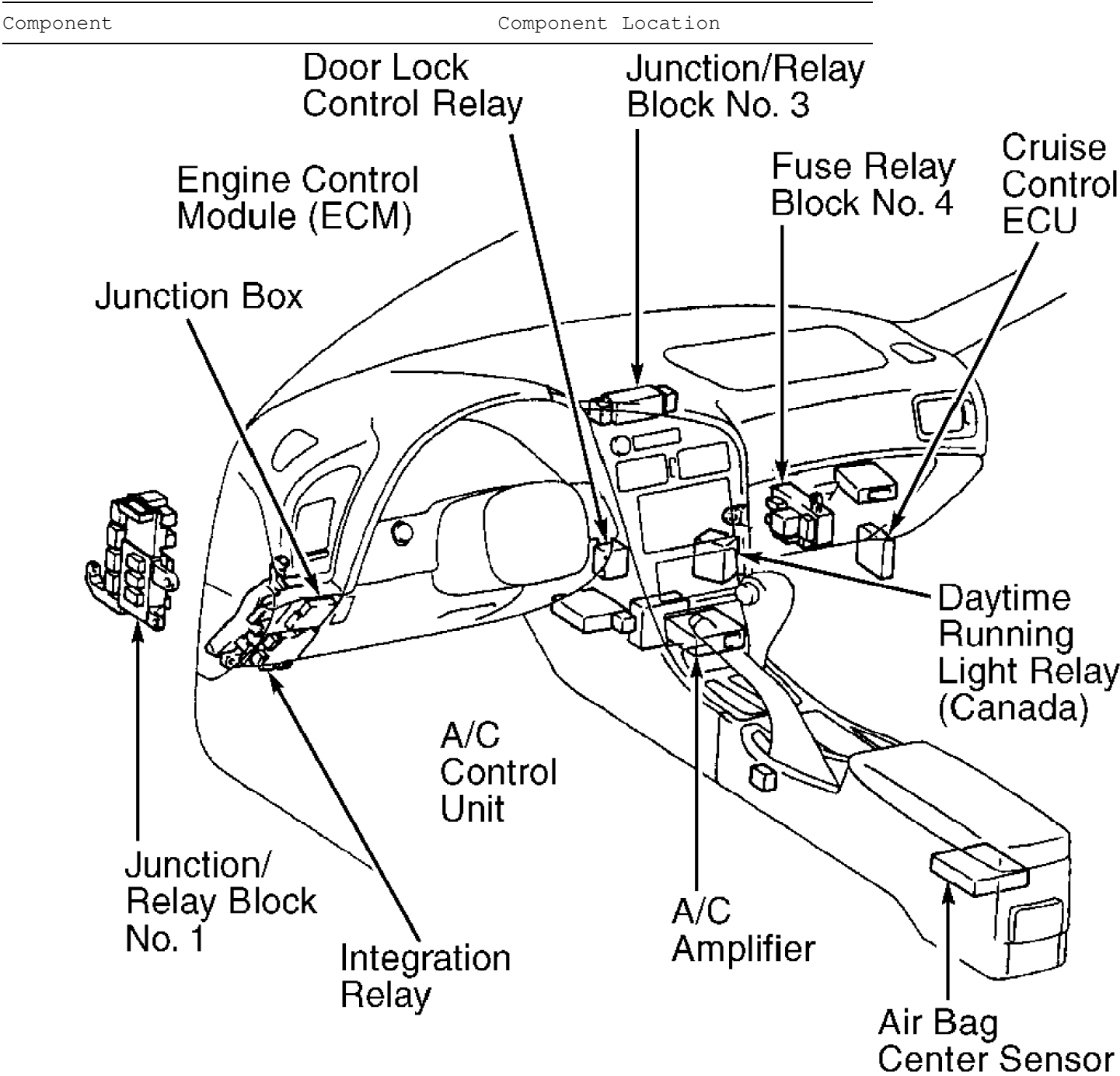
Seat Belt Buckle Switch

At base of driver's seat belt
buckle.

Sun Roof Control & Limit Switches

In sun roof front opening
rail, near sun roof motor.

MISCELLANEOUS



95/24123	
A/C Amplifier	Behind center of dash, next to A/C control.
Blower Resistor	Behind glove box, mounted to right front side of evaporator

housing.

Data Link Connector (DLC)

In left rear of engine compartment, behind strut tower.

Igniter

Under left side of dash.

Thermistor

Behind glove box, on the evaporator.
