

ELECTRICAL COMPONENT LOCATOR

1993 Toyota Celica

1993 ELECTRICAL COMPONENT LOCATION
Toyota Electrical Components

Toyota; Celica

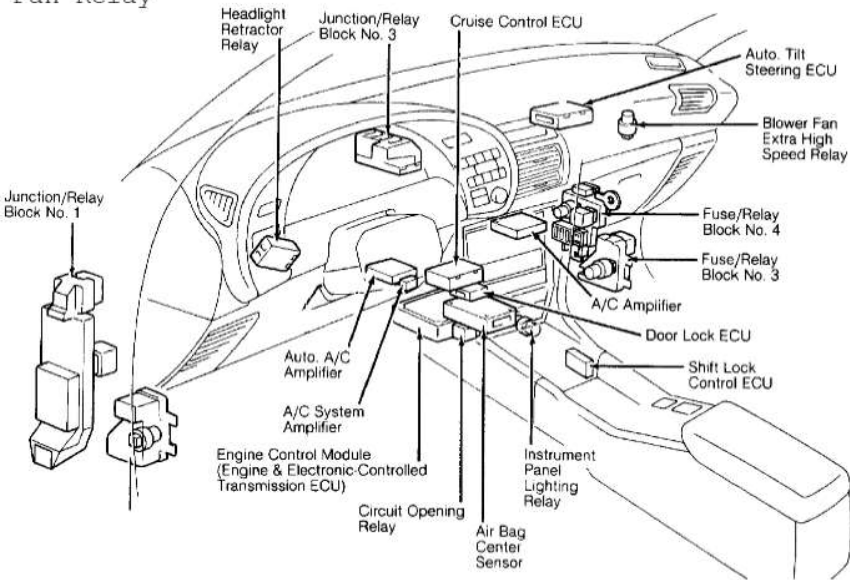
SAFETY PRECAUTION

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. For complete Air Bag Safety precautions see AIR BAGS article in ACCESSORIES/SAFETY EQUIPMENT Section.

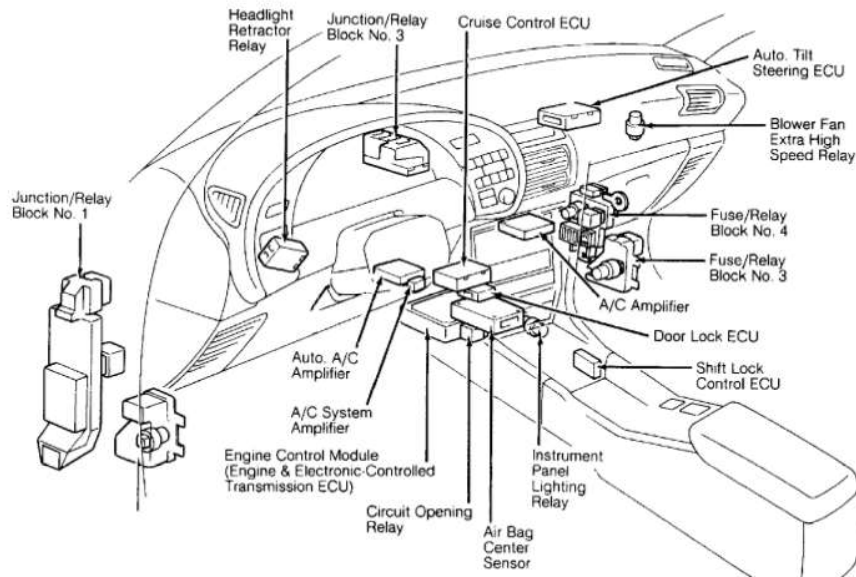
BUZZERS, RELAYS & TIMERS

Component	Component Location
ABS Control Relay	Mounted to top right side of radiator.
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.

Blower Fan Relay



94A31468 Component Location	Behind right side of dash, above glove box.
Bulb Check Relay	On rear of instrument cluster.



94A31468

Circuit Opening Relay

Under center of dash,
forward of engine control
module.

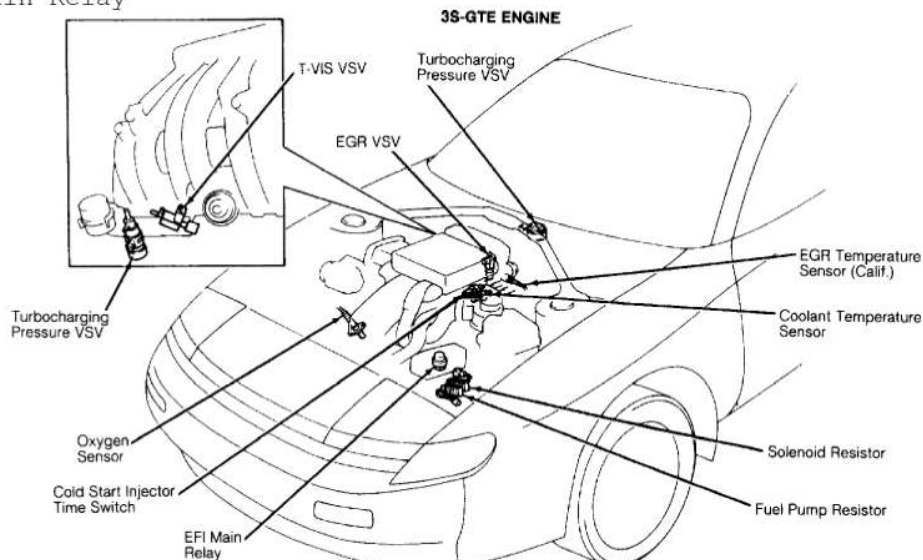
Defogger Relay

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

Door Lock Relay

Mounted under center console,
in front of gear selector.

EFI Main Relay

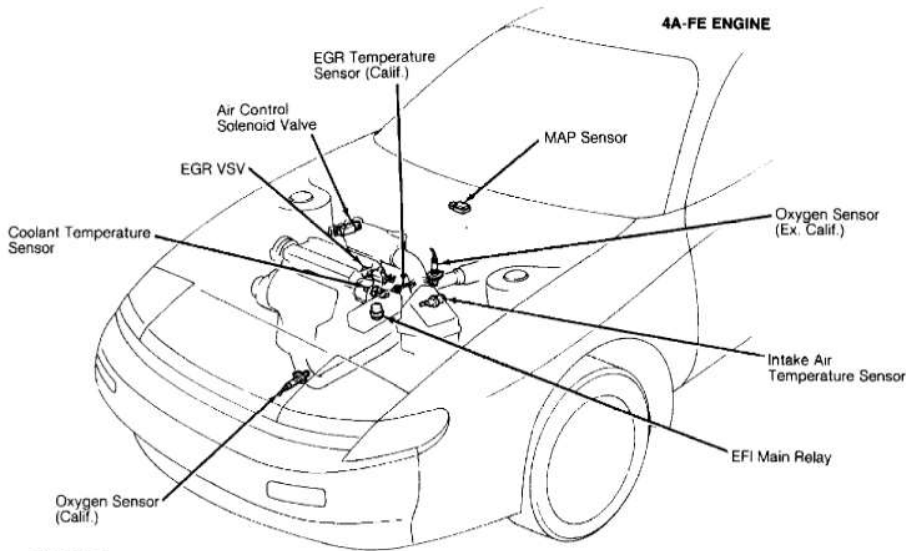


94E31470

(3S-GTE)

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

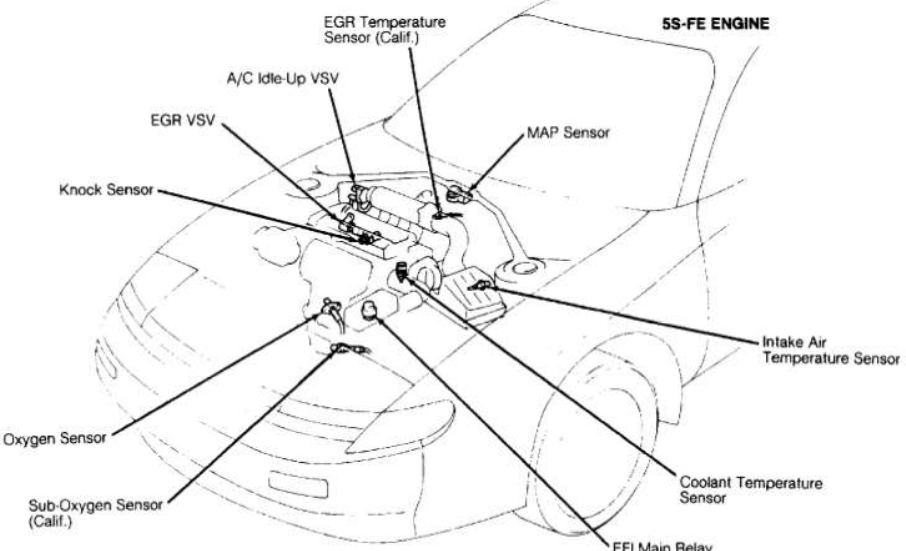
4A-FE ENGINE



94F31471
(4S-FE)

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

5S-FE ENGINE



94G31472
(5S-FE)

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

Engine Main Relay

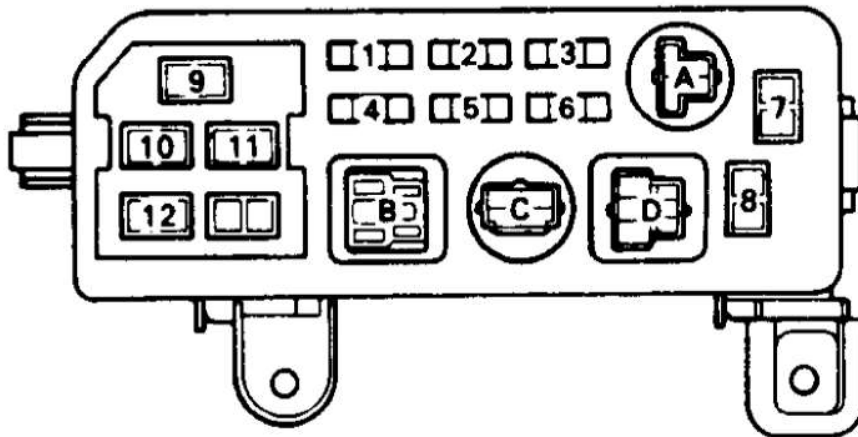
On junction/relay block No. 2,
near battery.

Foglight Relay

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

Fuel Pump Relay (All-Track/4WD)

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

4A-FE & 5S-FE SHOWN; 3S-GTE SIMILAR**JUNCTION RELAY BLOCK NO. 2****FUSES & FUSIBLE LINKS (FL)**

1. Headlight (LH)
2. Headlight Retractor
3. Headlight (RH)
4. EFI
5. Dome
6. Hazard-Horn
7. Radiator Cooling Fan (FL)
8. Condenser Cooling Fan (FL)
9. ALT (FL)
10. AM2 (FL)
11. AM1 (FL)
12. ABS (FL)

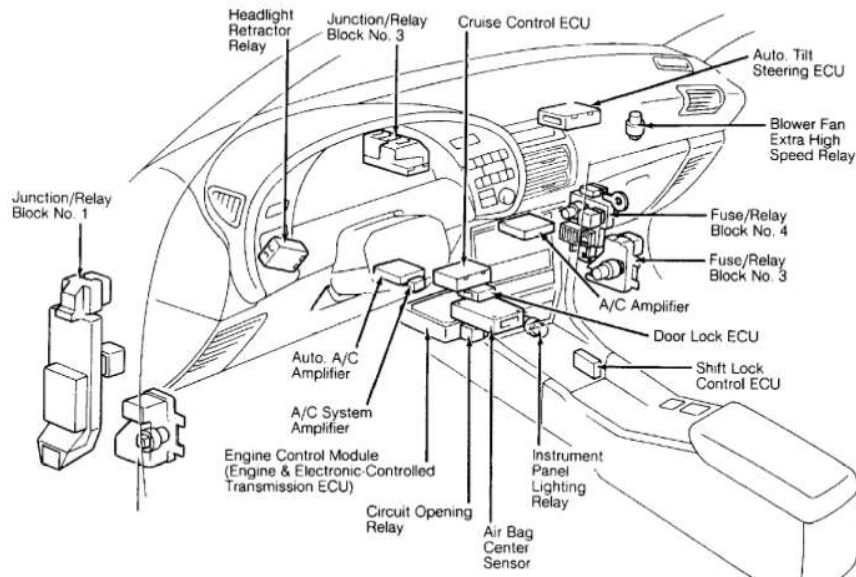
RELAYS

- A. A/C Fan Relay No. 1
- B. Headlight Control Relay
- C. EFI Main Relay
- D. Engine Main Relay

93A27565

Headlight Control Relay

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



94A31468

Headlight Retractor Relay

Behind left side of dash.

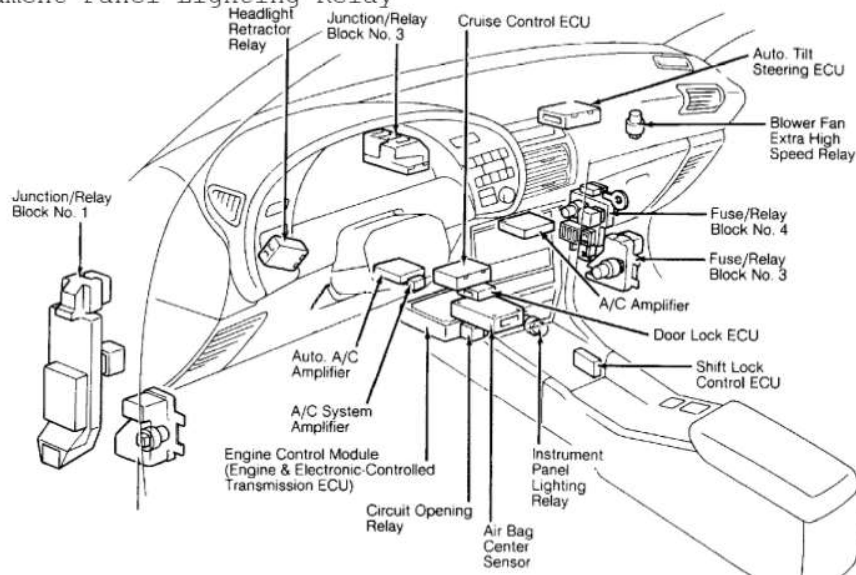
Heater Relay

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

Horn Relay

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

Instrument Panel Lighting Relay



94A31468

Component Location

Behind center of dash,
mounted near right rear of
ashtray bracket.

Integration Relay

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

Power Main Relay

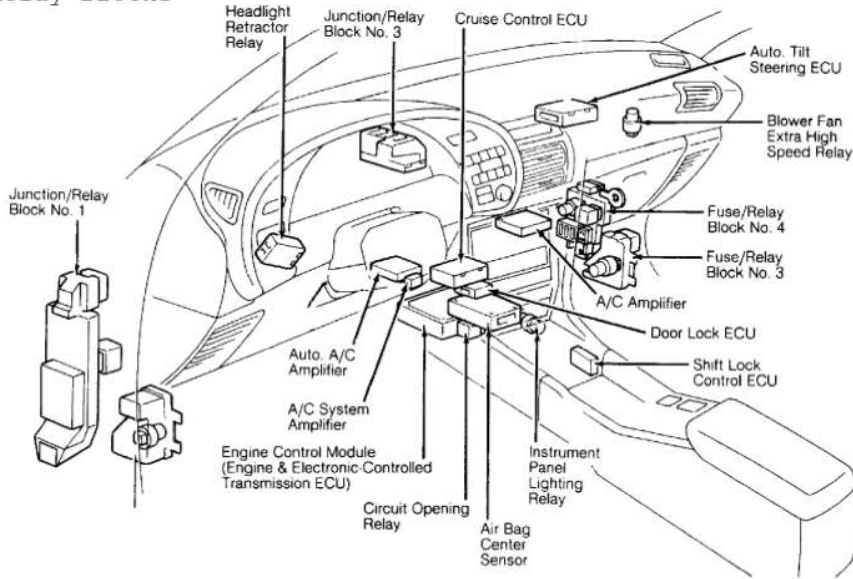
On fuse/relay block No. 2,

	behind left kick panel.
Radiator Fan Relay No. 1	On junction block No. 2, near battery.
Rear Wiper Relay	Inside liftgate, on rear window wiper motor.
Starter Relay (M/T)	On fuse/relay block No. 4, behind right side kick panel.
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/Hazard Flasher Relay	On junction/relay block No. 1, behind left kick panel.
Turn Signal/Hazard Flasher Relay	On junction/relay block No. 1, behind left kick panel.

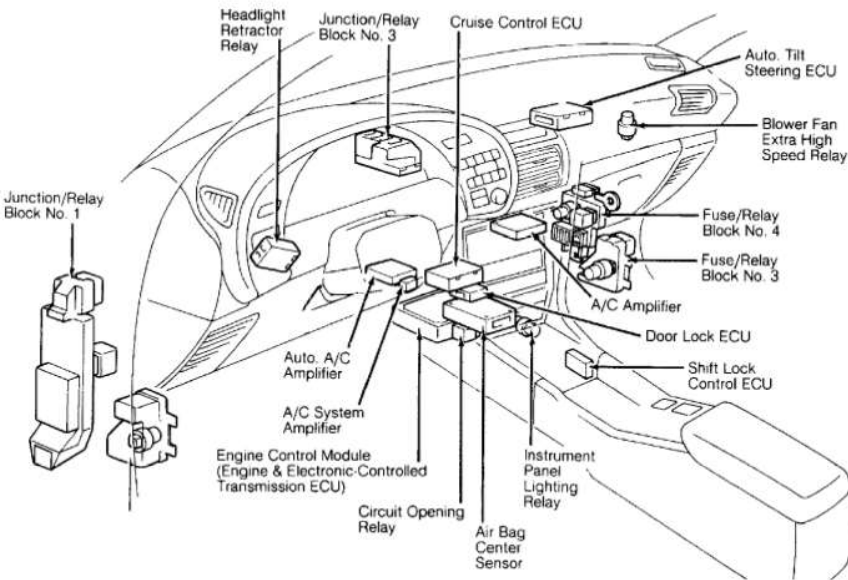
CIRCUIT PROTECTION DEVICES

Component	Component Location
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Fuse/Relay Blocks



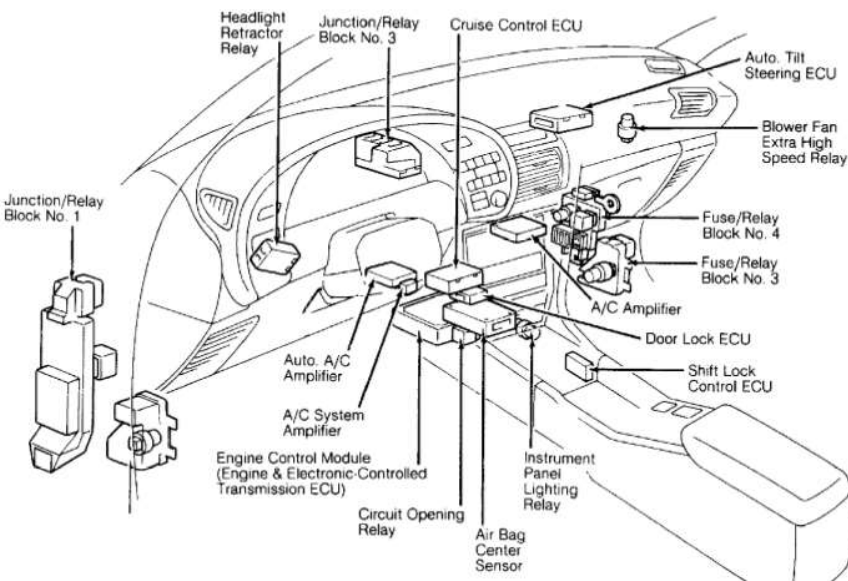
No. 2	94A31468	Beside junction/relay block No. 1, behind left kick panel.
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No. 3

94A31468

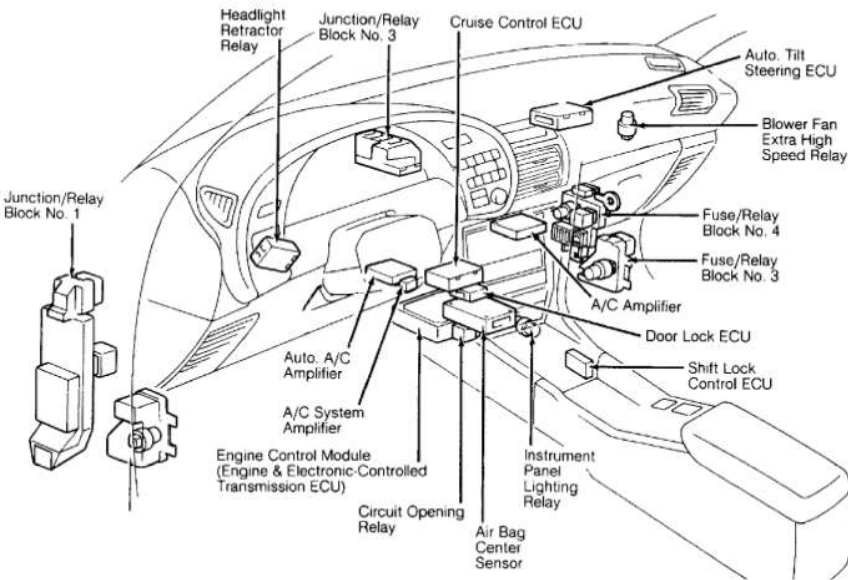
Behind right kick panel.



No. 4

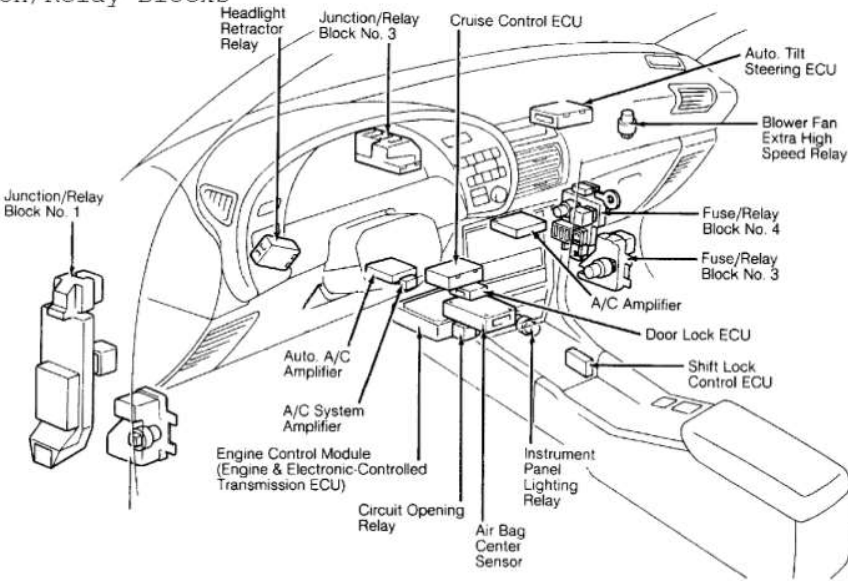
94A31468

Behind right kick panel.



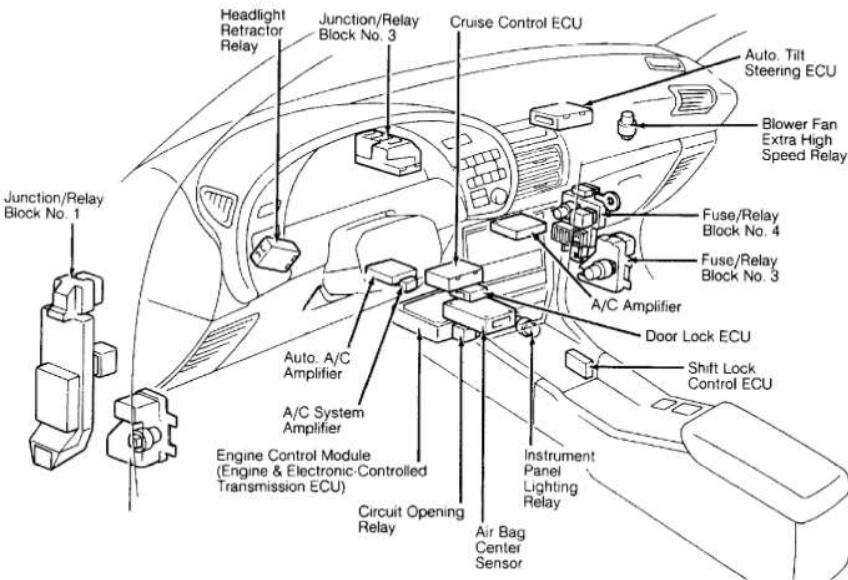
No. 5 94A31468 Right front corner of engine compartment.

Junction/Relay Blocks



No. 1 94A31468 Behind left kick panel.

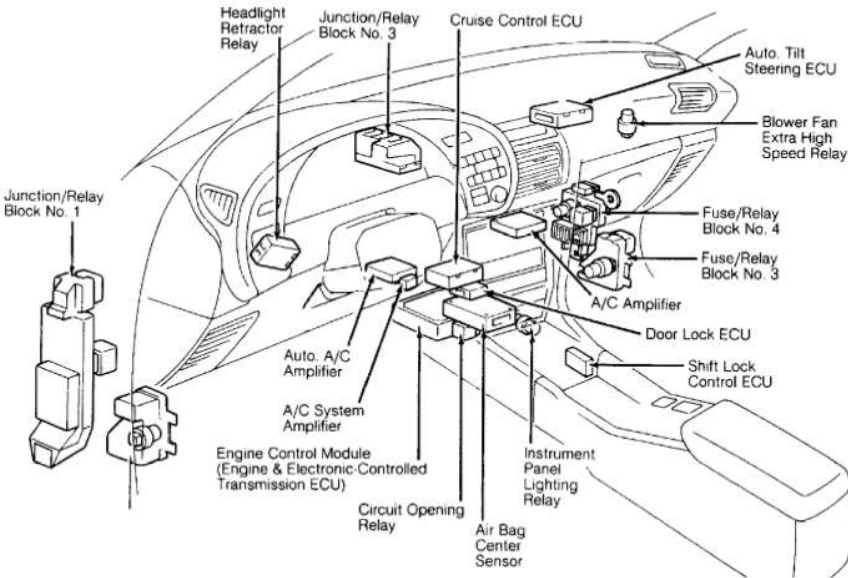
No. 4 In engine compartment, near battery.



No. 3 94A31468 Behind left side of dash, behind instrument cluster.

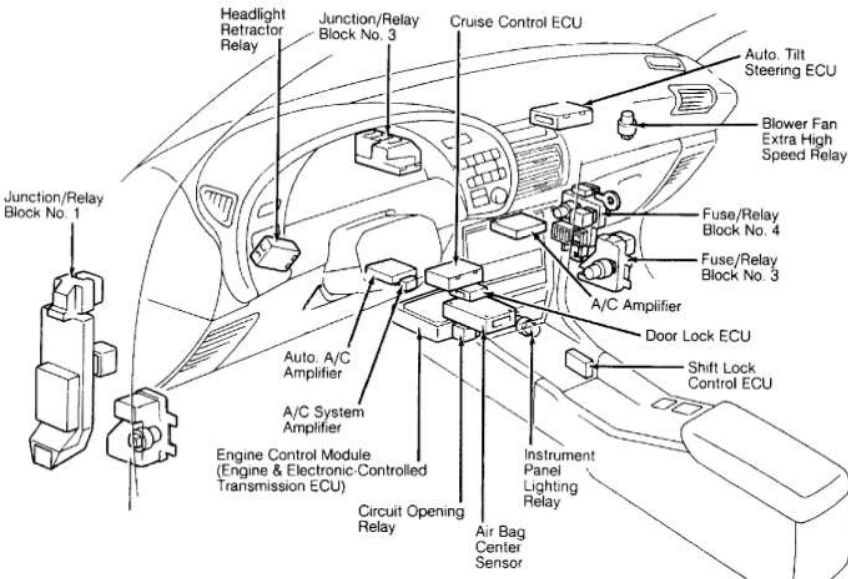
CONTROL UNITS

Component	Component Location
ABS ECU (Convertible)	In trunk, behind left rear quarter panel.
ABS ECU (Except Convertible)	In trunk, behind right rear quarter panel.



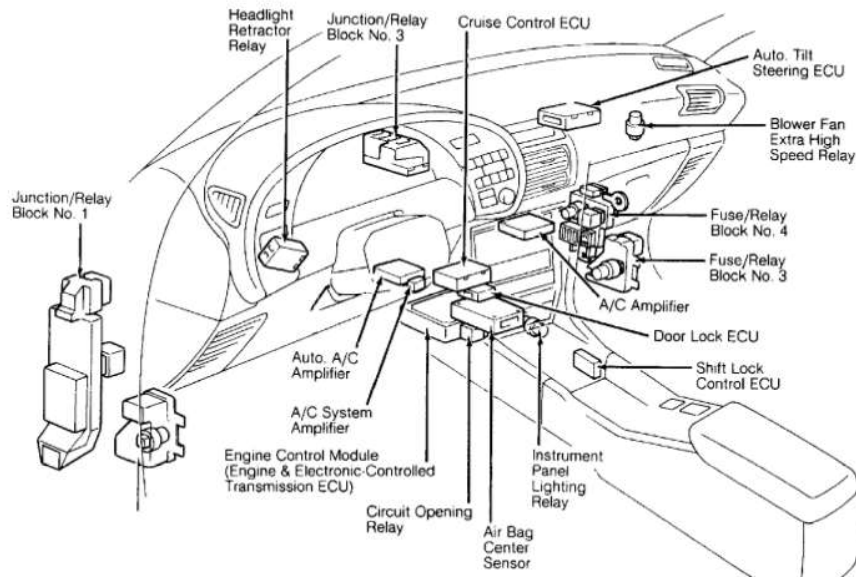
94A31468
Auto. Tilt Steering ECU

Behind right side of dash,
above glove box.



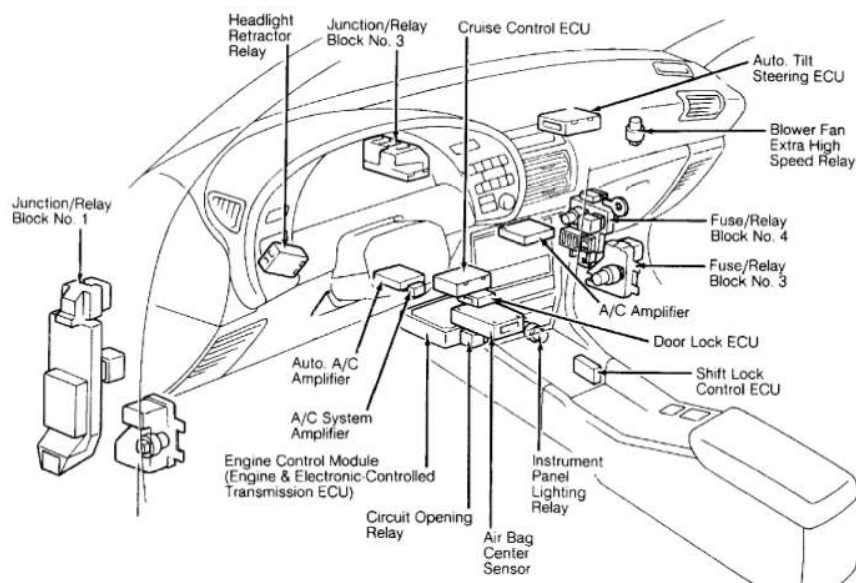
94A31468
Cruise Control ECU

Behind center of dash, below
radio.



94A31468
Door Lock ECU

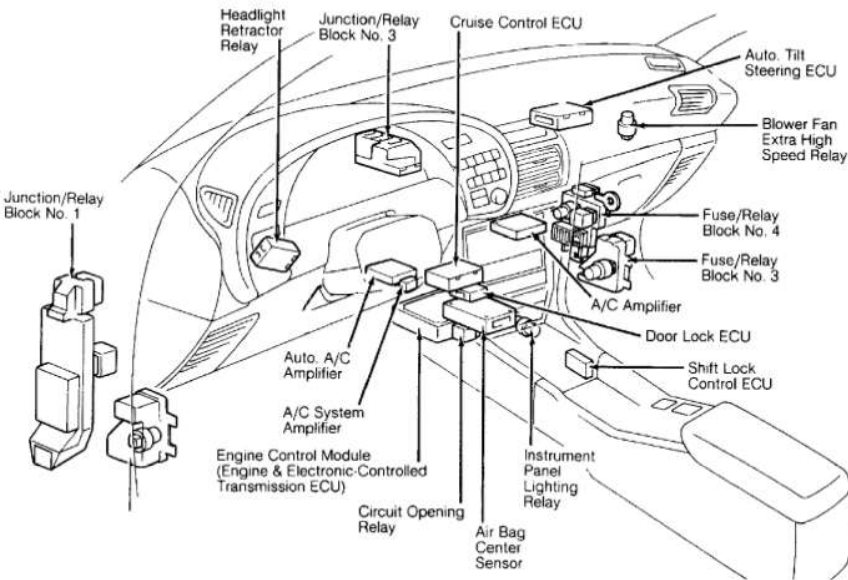
Behind center of dash behind
ashtray.



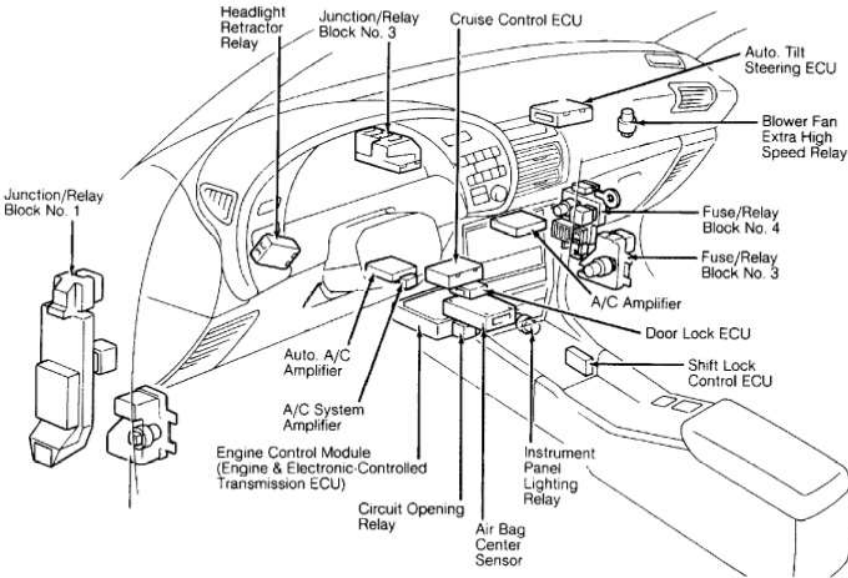
94A31468
Engine Control Module (ECM)

Behind front of center
console.

Electronic-Controlled
Transmission (ECU)



94A31468 Component Location	Integrated within engine control module.
Engine Oil Level ECU	Behind rear seat, mounted to floor in trunk.



94A31468 Shift Lock ECU	Under center floor console, at base of gear selector.
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MOTORS

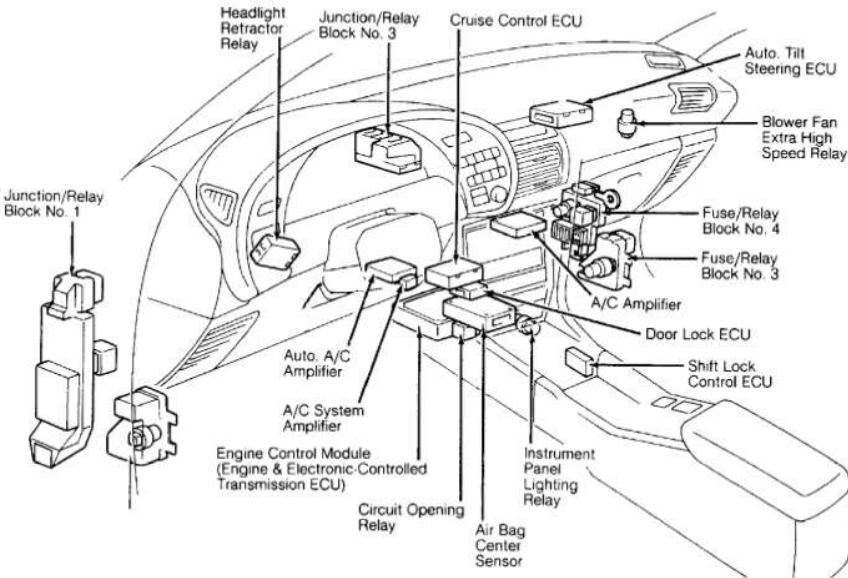
Component	Component Location
ABS Actuator	Right front corner of engine

compartment.

A/C-Heater System Air Inlet Servomotor	Behind glove box, on top left side of blower housing.
Air Mix Control Servomotor	Under center of dash, on front of A/C-heater core housing.
Airflow Mode Control Servomotor	Above accelerator pedal, mounted to A/C-heater housing.
Auto. Tilt Steering Motor	Inside steering column tilt assembly.
Front Wiper Motor	On left rear corner of engine compartment, near brake booster.
Rear 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 Deceleration Sensor (4WD)	Behind rear seat, mounted to floor of trunk.
ABS Speed Sensors	One sensor mounted to each wheel hub.
A/C-Heater System Ambient Temp. Sensor	On front grille of vehicle, near receiver-drier.
Coolant Temp. Sensor (Auto. A/C)	On heater core housing.
In-Car Temp. Sensor (Auto. A/C)	Behind A/C control panel.
Revolution Sensor	On rear of A/C compressor.
Solar Sensor (Auto. A/C)	On top right side of dash.
Air Bag	



- 94A31468
Center Sensor

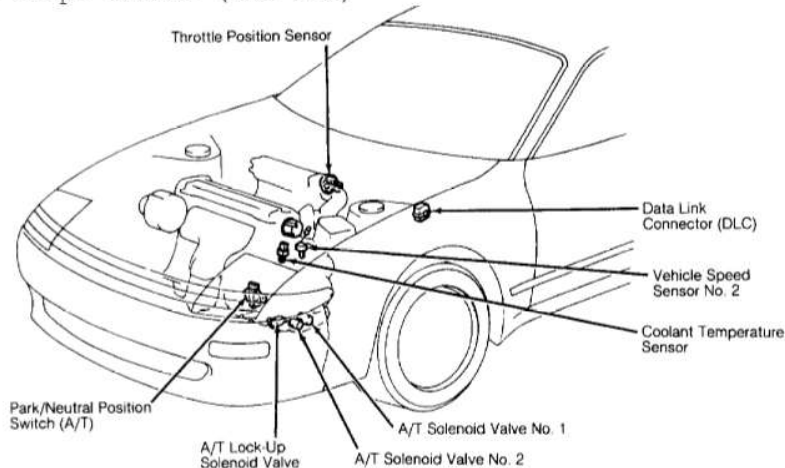
Mounted under center console,
in front of gear selector.
- Impact Sensors

On top of left and right inner
fender panels.
- Coolant Temp. Gauge Sending Unit
3S-GTE & 5S-FE

Threaded into under side of
coolant outlet flange.
- 4A-FE

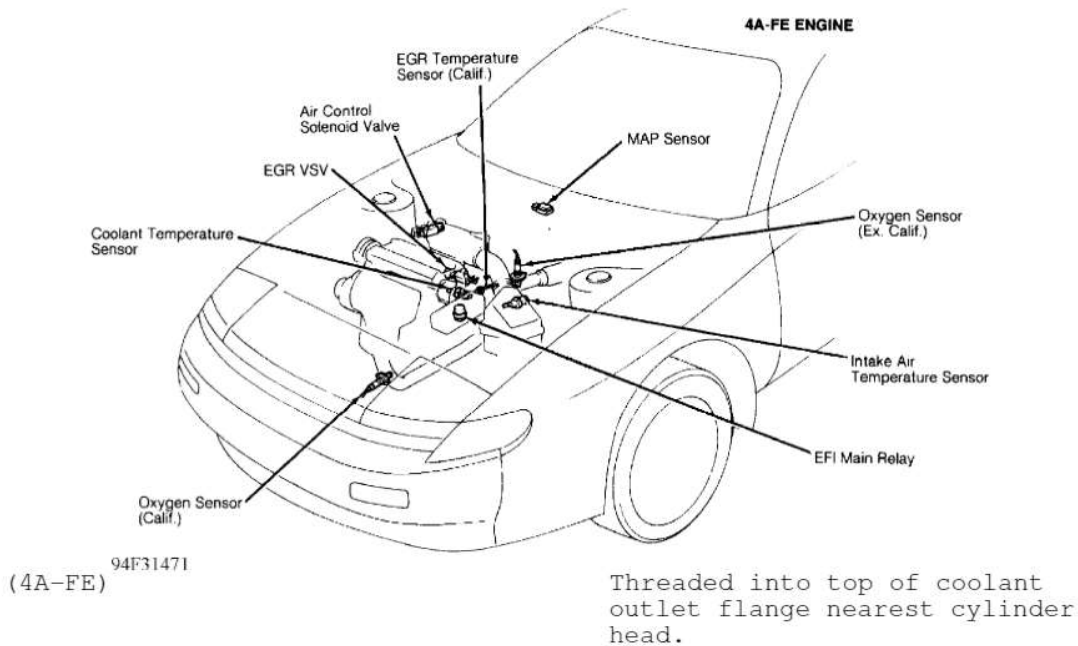
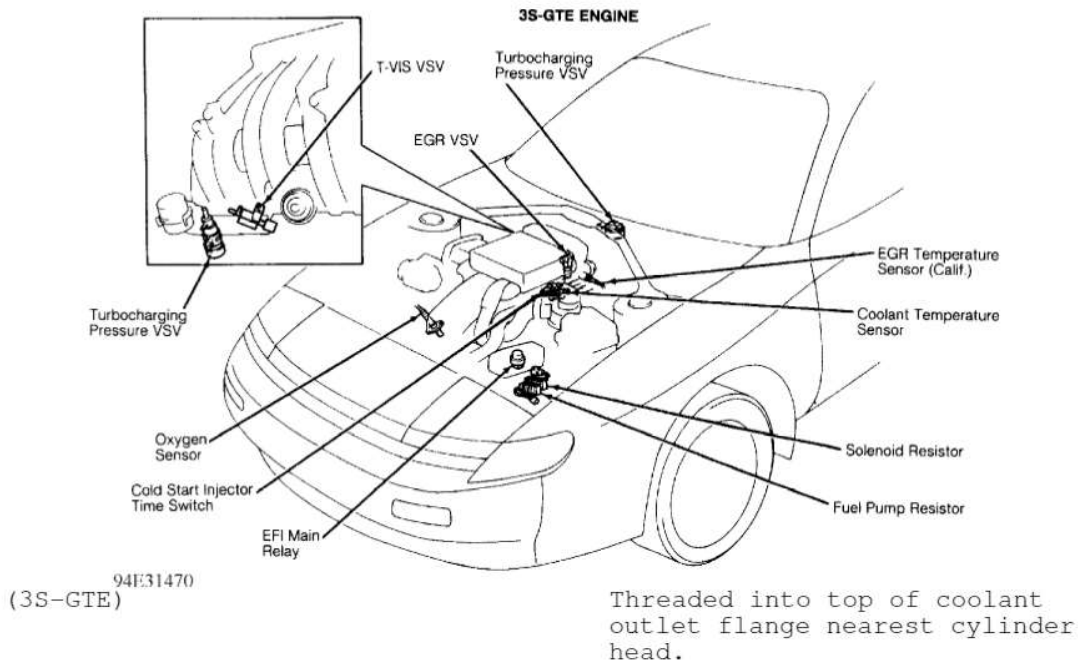
Threaded into top of coolant
outlet flange.

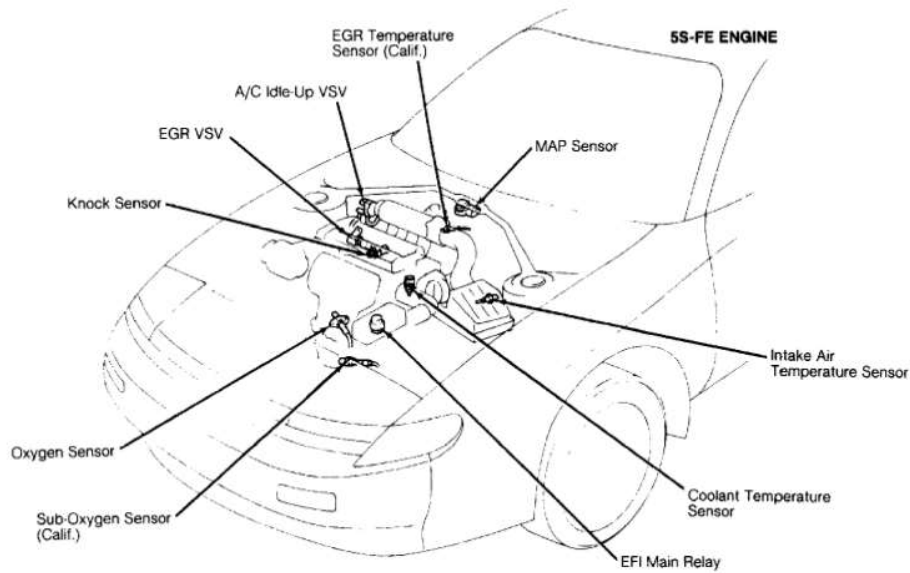
Coolant Temp. Sensor (For ECU)



- 94B31469
(3S-GTE)

Threaded into top of coolant
outlet flange nearest cylinder
head.

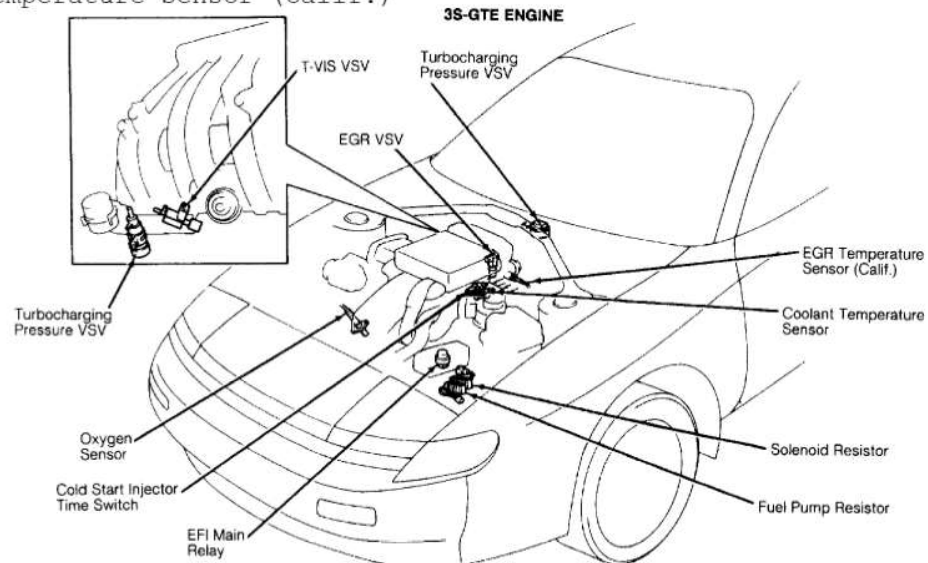




94G31472
(5S-FE)

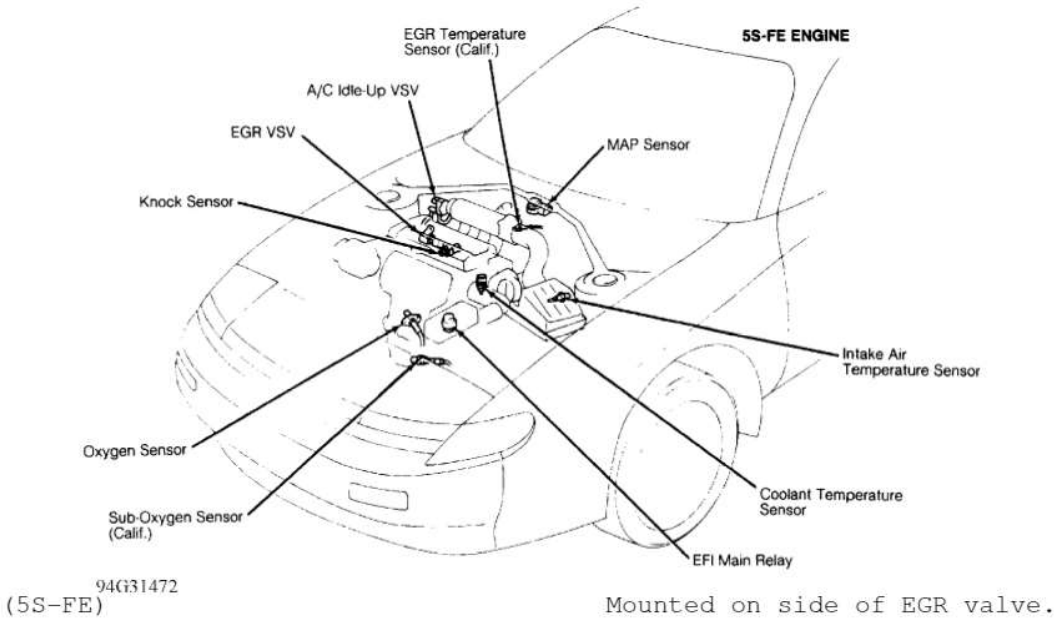
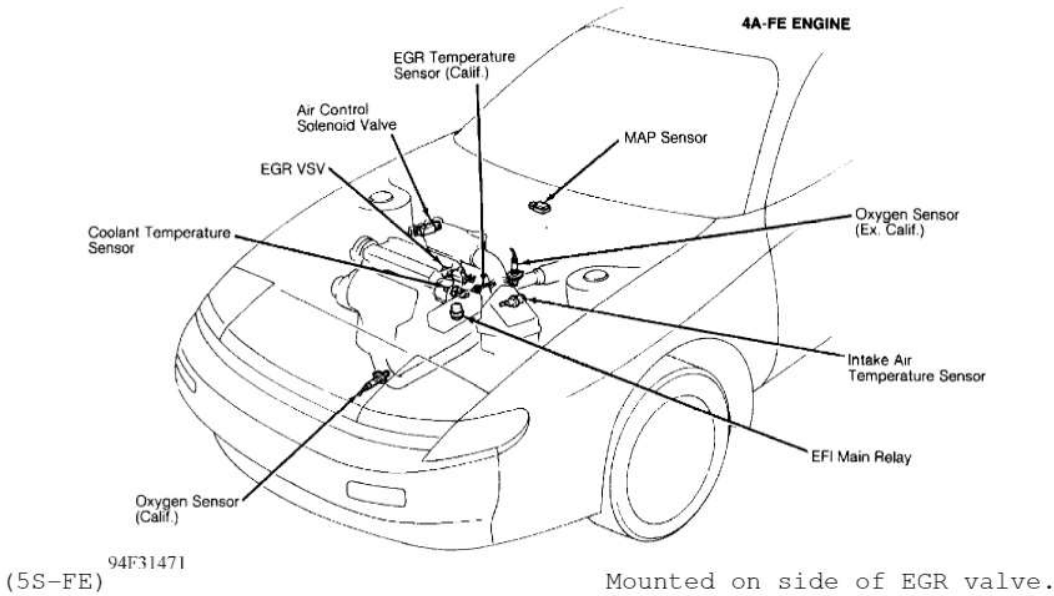
Threaded into top of coolant outlet flange nearest cylinder head.

EGR Temperature Sensor (Calif.)

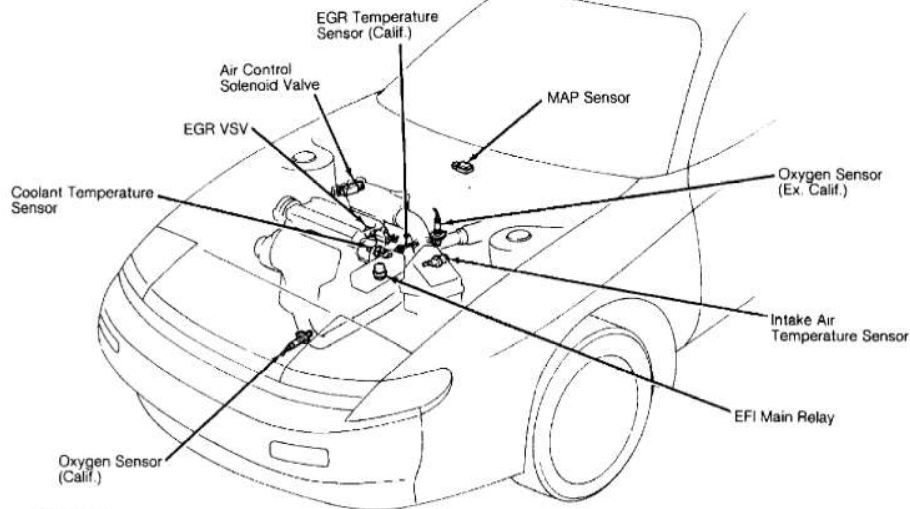


94E31470
(3S-GTE)

Mounted on side of EGR valve.

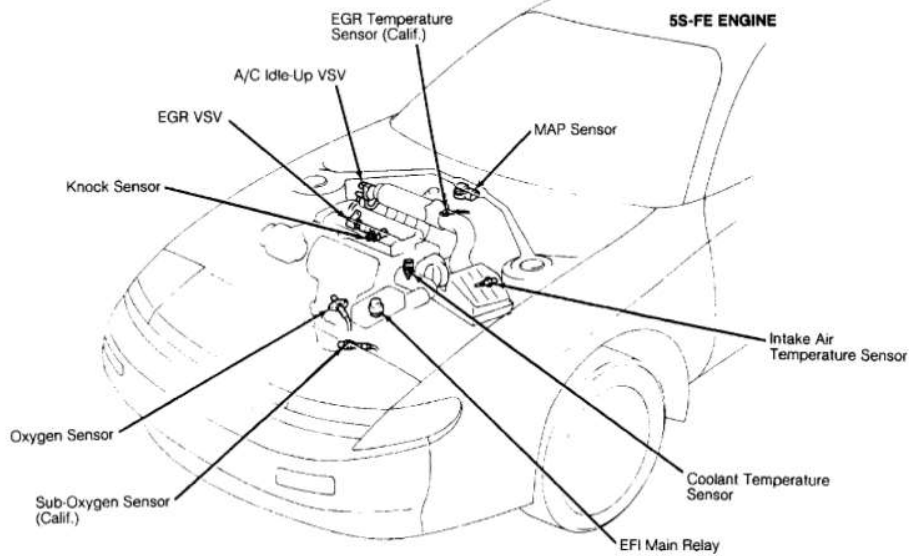


Intake Air Temperature Sensor

4A-FE ENGINE

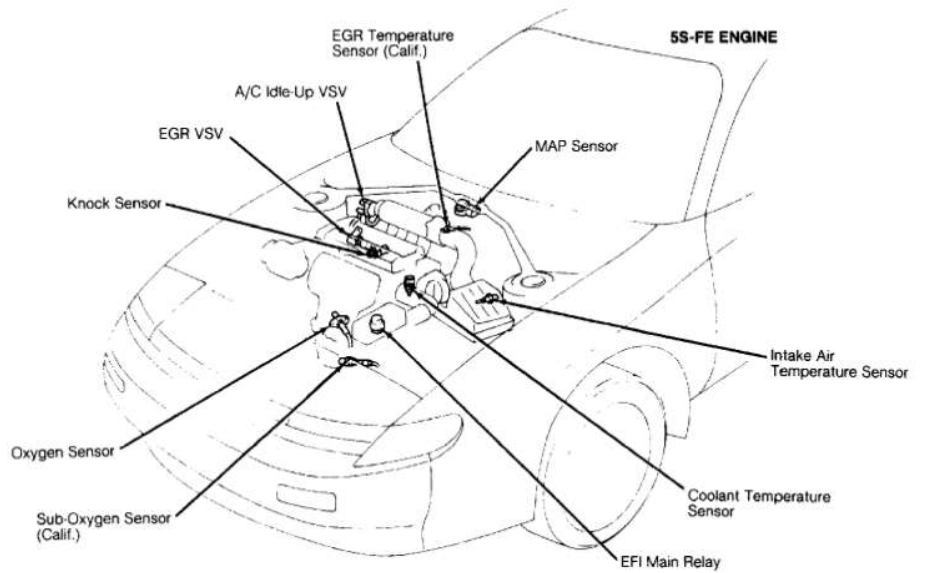
94F31471
(4E-FE)

Mounted to air cleaner
assembly or in air intake
duct.

5S-FE ENGINE

94G31472
(5E-FE)

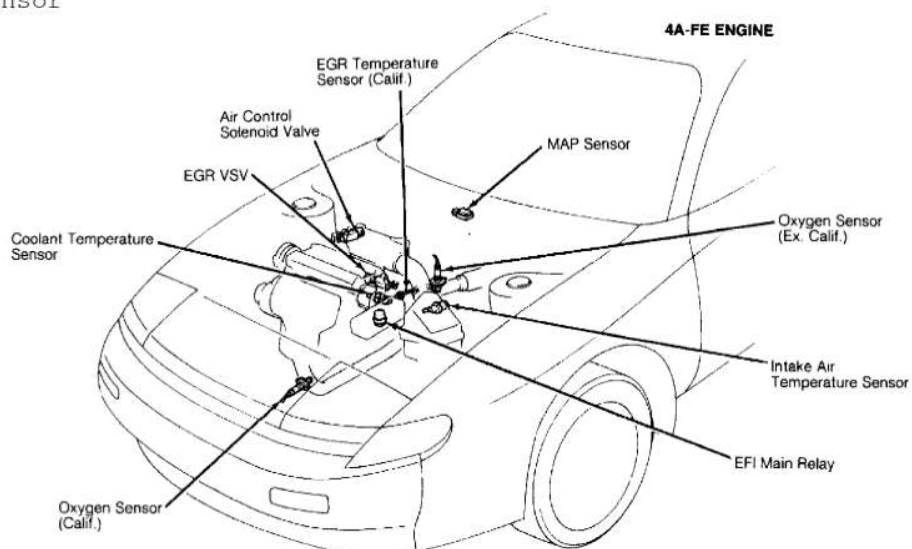
Mounted to air cleaner
assembly or in air intake
duct.



94G31472
Knock Sensor (3S-GTE & 5S-FE)

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

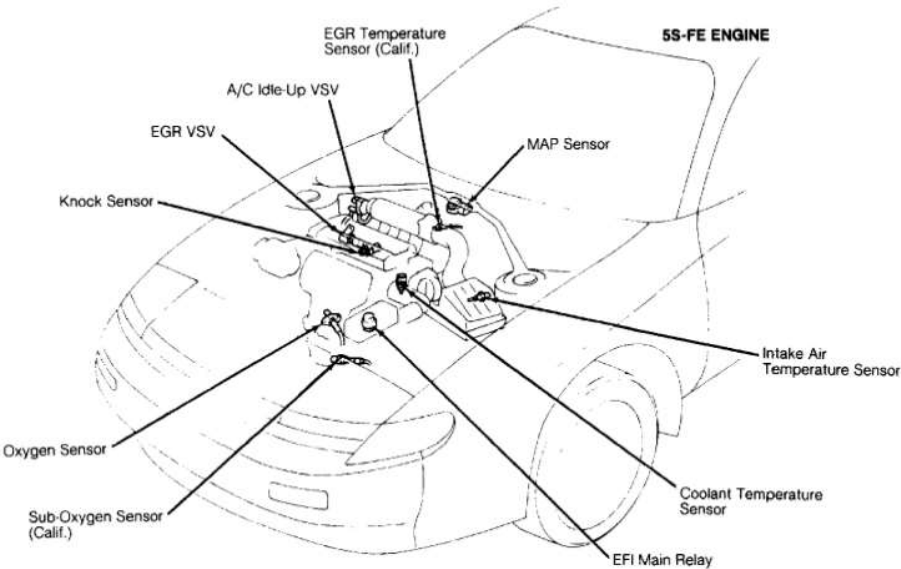
MAP Sensor



94F31471
(4S-FE Shown 4S-FE Similar)

In engine compartment, near center of firewall.

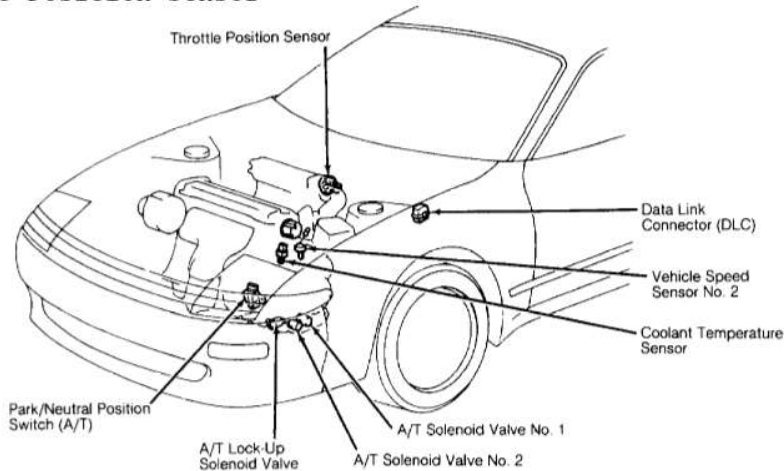
Speed Sensor



94G31472
(5S-FE

On rear of speedometer
assembly.

Throttle Position Sensor



94B31469
(5S-FE Shown 4S-FE Similar)

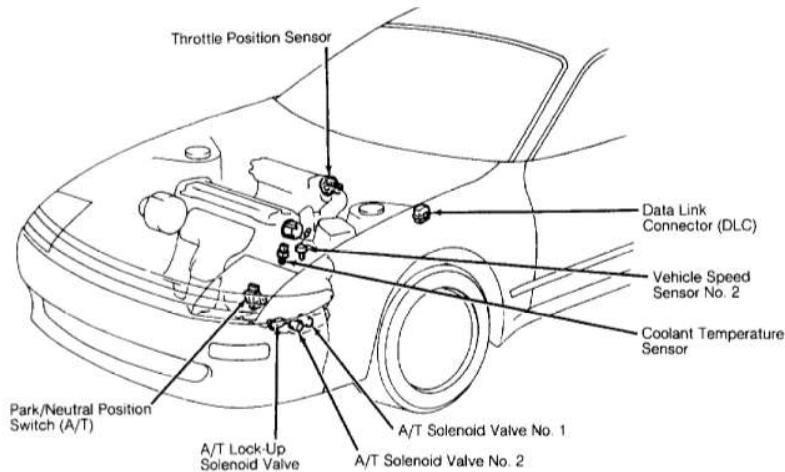
On throttle body housing.

Turbo Pressure Sensor (3S-GTE)

On center of firewall.

Vehicle Speed Sensors
No. 1

On rear of speedometer
assembly.

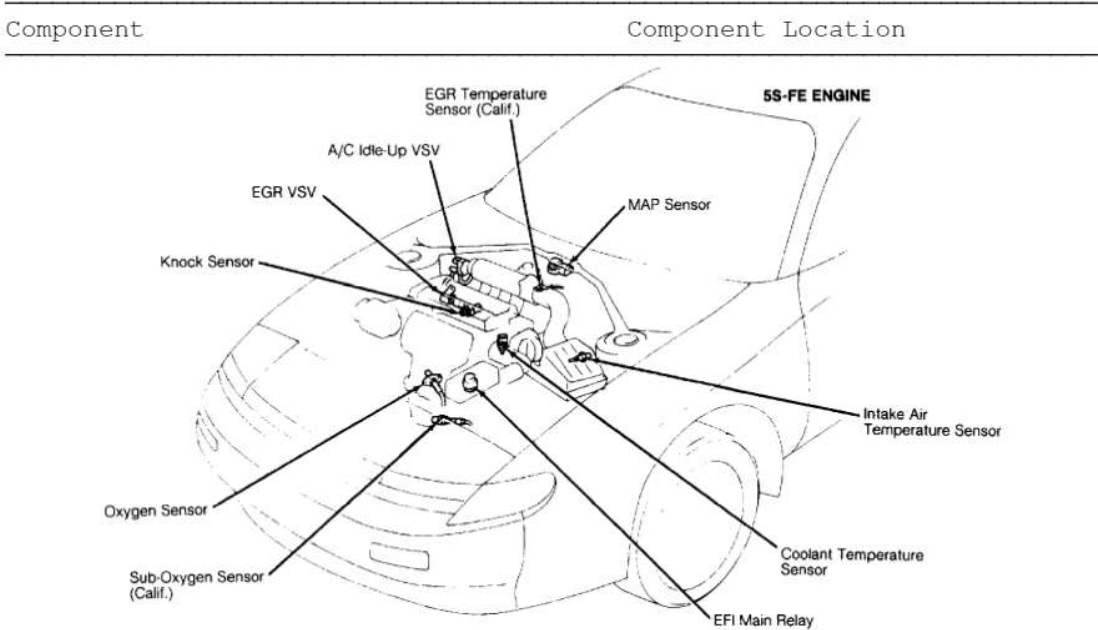


No. 2

94B31469

Mounted to top of transaxle.

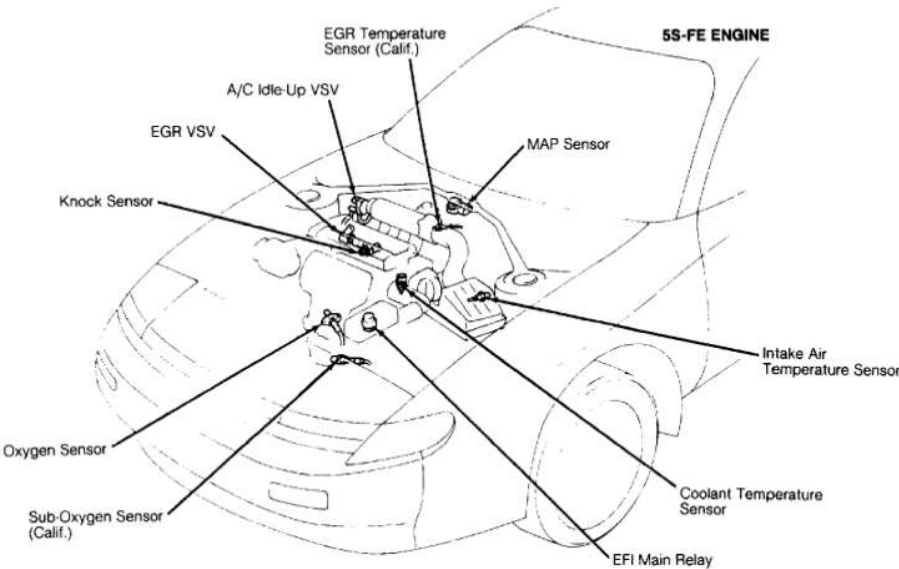
SOLENOIDS & SOLENOID VALVES



94G31472

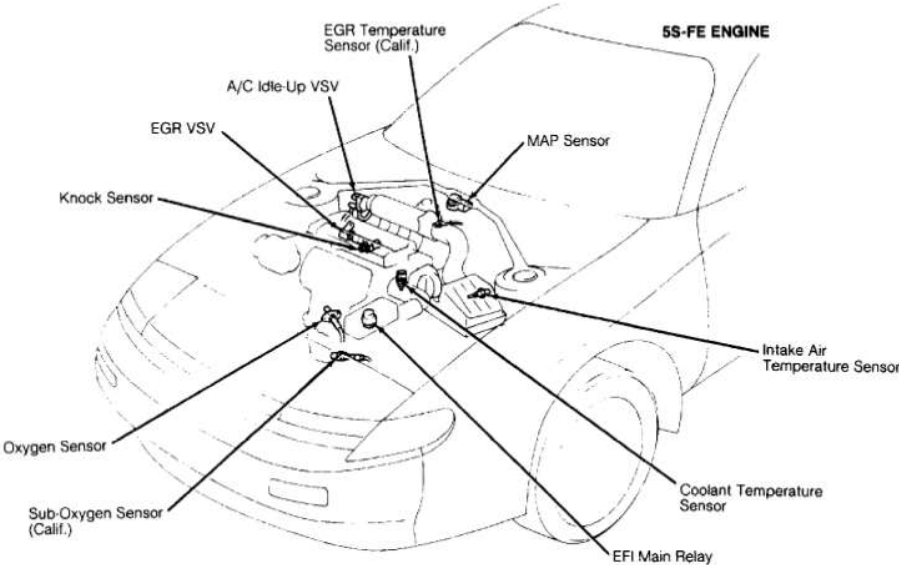
A/C Idle-Up Vacuum Switching Valve (VSV)

In engine compartment, on right side of firewall, behind shock tower.



94G31472
Air Control Solenoid Valve

In right rear corner of engine compartment.

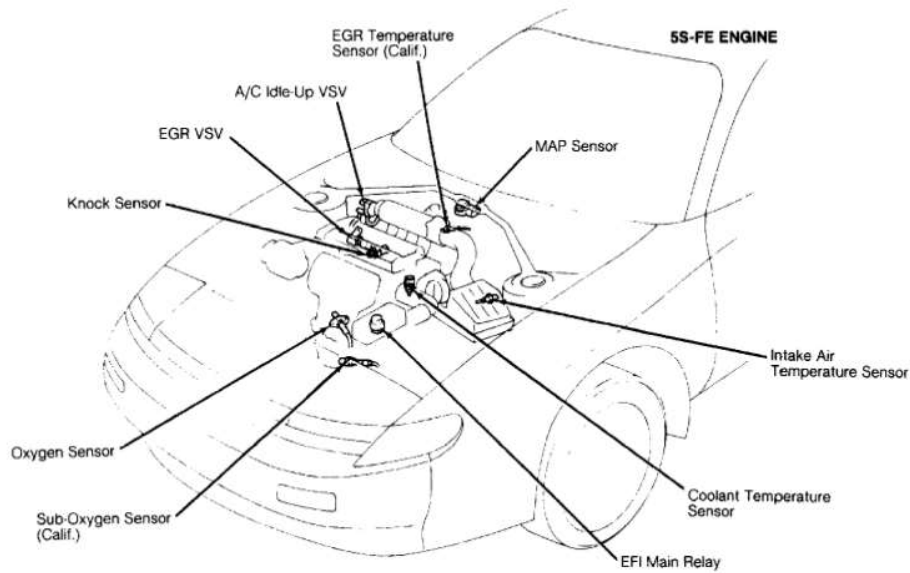


94G31472
A/T Lock-Up Solenoid

On transaxle valve body.

A/T Overdrive Solenoid

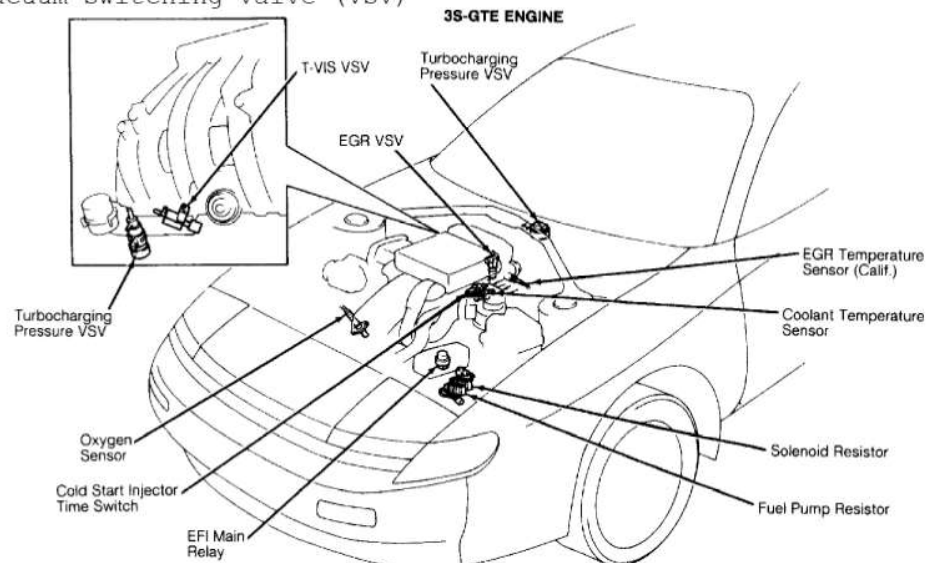
On transaxle valve body.



94G31472
A/T Solenoid Valves No. 1 & 2

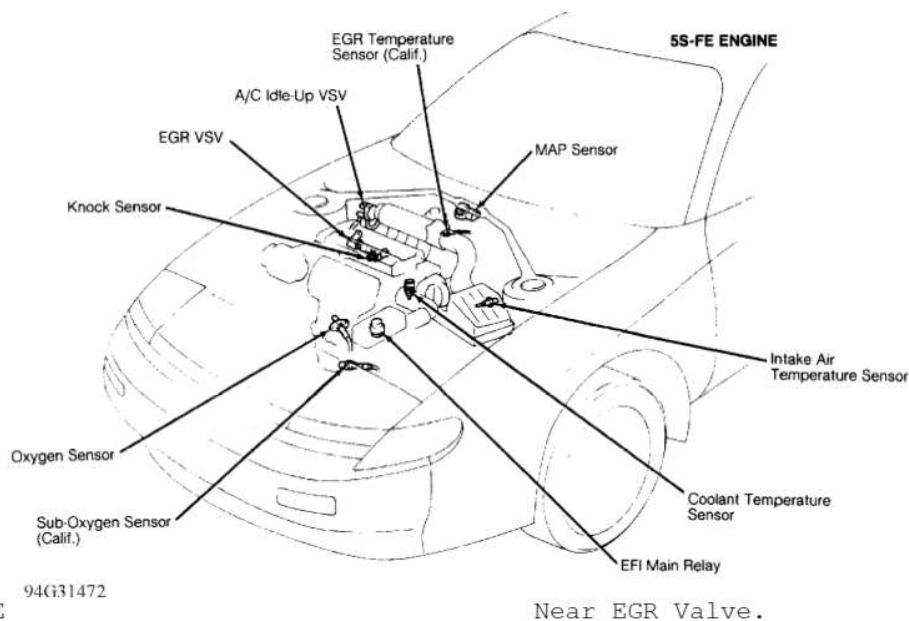
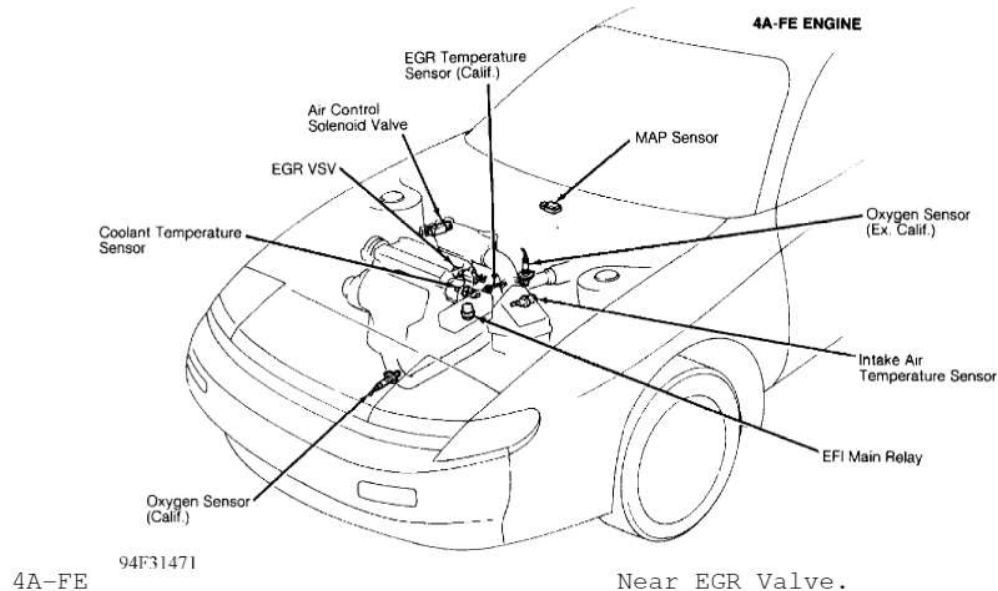
On transaxle valve body.

EGR Vacuum Switching Valve (VSV)



3S-GTE 94E31470

Near EGR Valve.



Idle Air Control (IAC) Valve
(3S-GTE & 5S-FE)

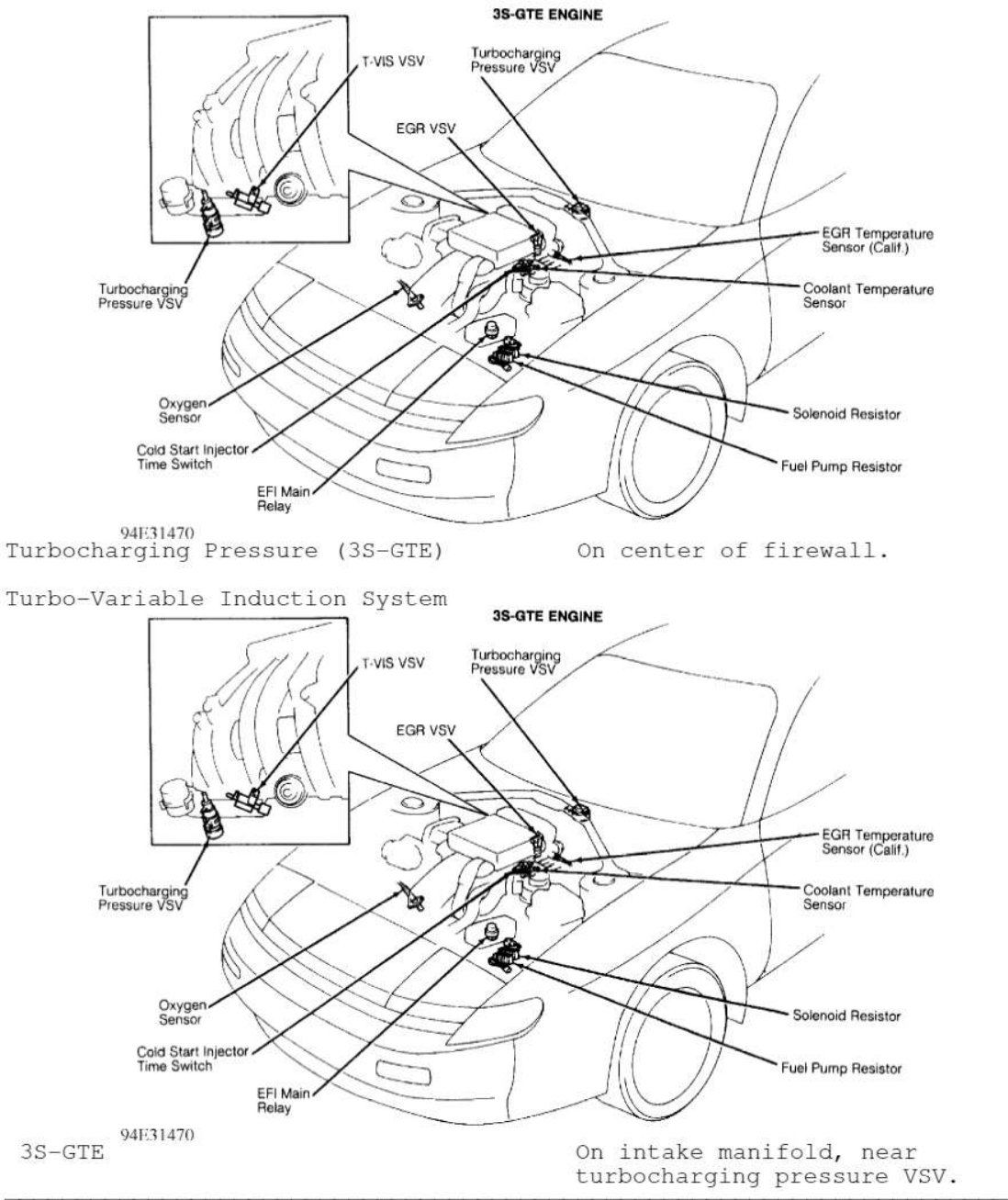
On throttle body.

Key Interlock Solenoid

On steering column, mounted to
lock cylinder assembly.

Shift Lock Solenoid (A/T)

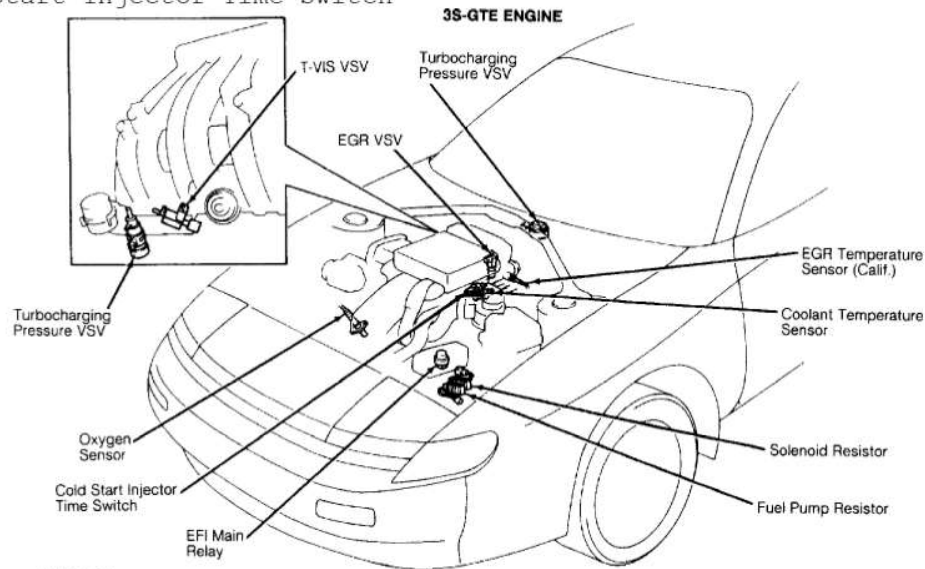
Under center floor console
at base of gear selector.



SWITCHES

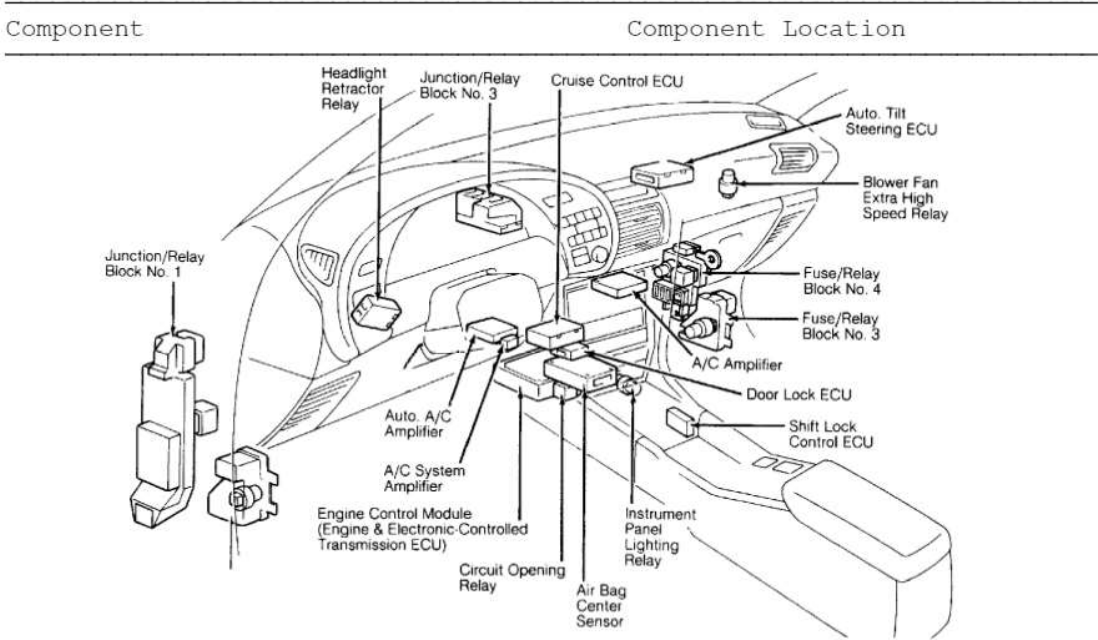
Component	Component Location
A/C Cooling Fan Temp. Switch	On top of radiator.
A/C Pressure Switch	On A/C line, in right rear corner of engine compartment.
Back-Up Light Switch (M/T)	On transaxle.

Brake Fluid Warning Switch	On cap of brake fluid reservoir.
Brake/Stoplight Switch	On brake pedal bracket.
Clutch Start Switch	On clutch pedal bracket.
Cold Start Injector Time Switch	



94E31470 (3S-GTE)	On left side of engine, on coolant outlet.
Coolant Temperature Switch 3S-GTE & 5S-FE 4A-FE	In radiator. Threaded into top of coolant outlet flange.
Key Unlock Warning Switch	On steering column, next to ignition switch.
Low Oil Pressure Warning Switch 3S-GTE	On rear of engine, near distributor.
4A-FE	On left side of engine, near oil filter.
5S-FE	On left rear of cylinder head.
Par/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 seat belt buckle.
Shift Lock Control Switch (A/T)	Under center floor console, at base of gear selector.
Sun Roof Control & Limit Switches	In sun roof front opening rail, near sun roof motor.

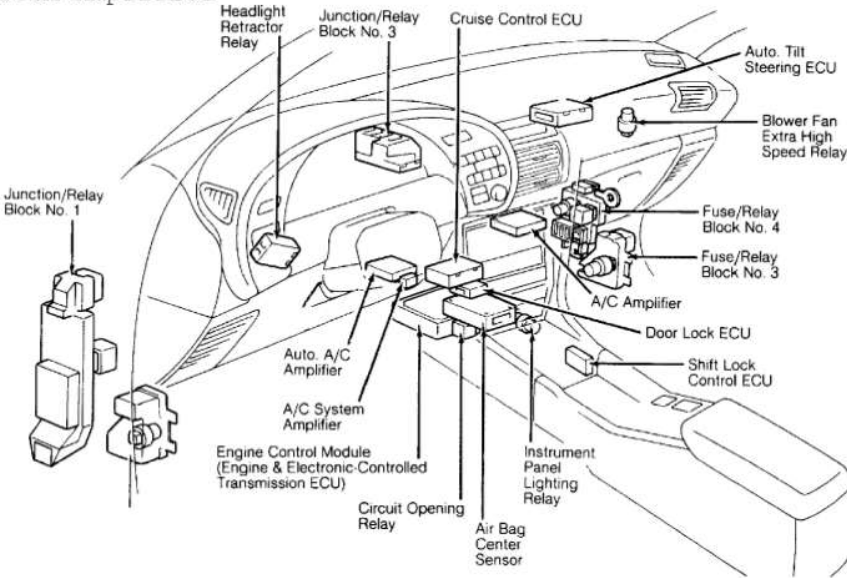
MISCELLANEOUS



94A31468
A/C Amplifier

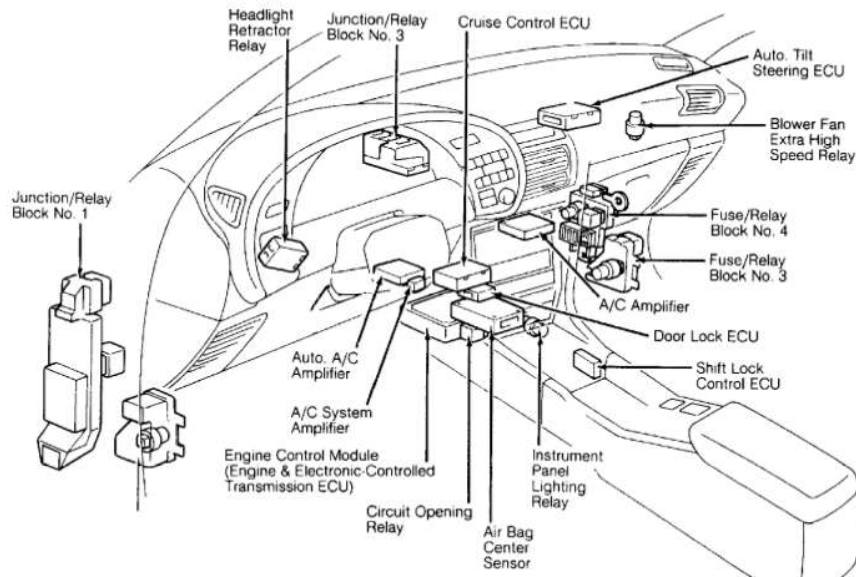
Behind glove box, attached to bottom of evaporator housing.

A/C System Amplifier



94A31468
(Push-Button Control Switch)

Behind center of dash, in front of Auto. A/C Amplifier.



94A31468
Auto. A/C Amplifier

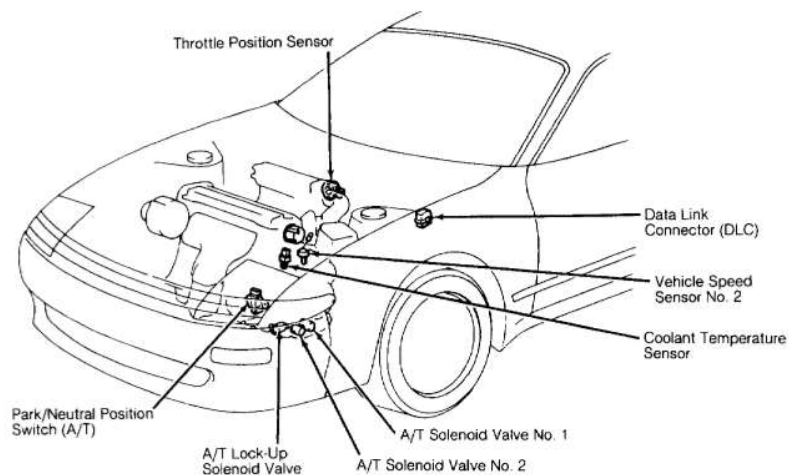
Behind center of dash, on bottom left of heater core housing.

Auto. A/C Power Transistor

Behind glove box, mounted to right rear side of evaporator housing.

Blower Resistor

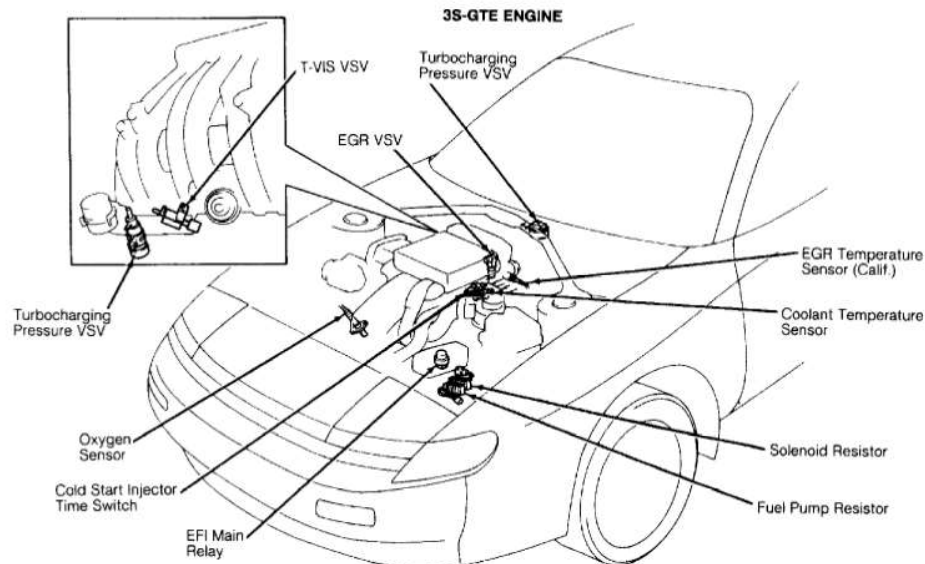
Behind glove box, mounted to right front side of evaporator housing.



94B31469
Data Link Connector

In left rear of engine compartment, behind strut tower.

Fuel Pump Resistor



94E31470
(3S-GTE)

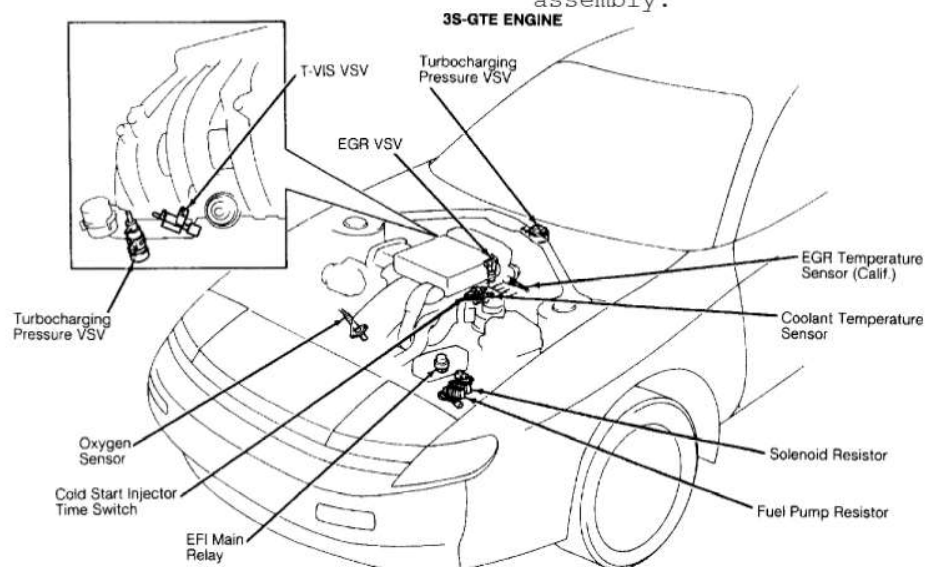
On left front corner of engine compartment.

Igniter
3S-GTE

On left side of firewall.

4A-FE

Integrated within distributor assembly.



94E31470
Solenoid Resistor

On left front corner of engine compartment.