

ELECTRICAL COMPONENT LOCATOR

1988 Toyota Celica

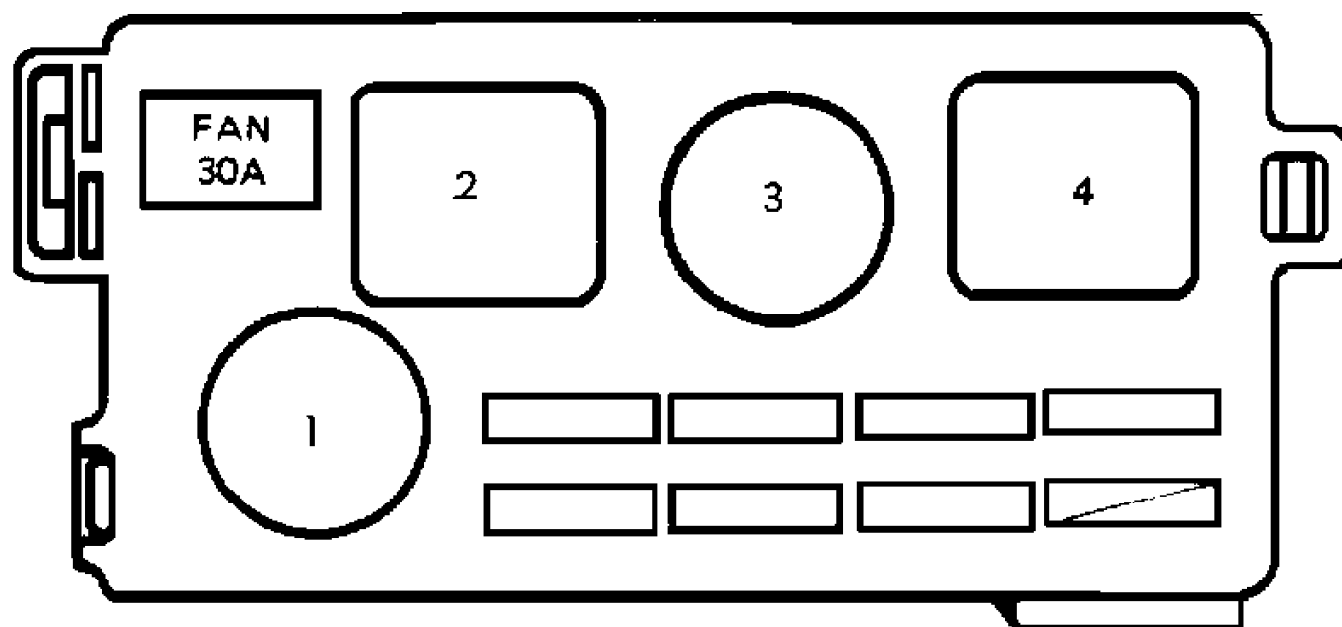
1988 TOYOTA
Celica Electrical Components

BUZZERS, RELAYS & TIMERS

Component	Component Location
Sun Roof Control Relay	
ABS Computer (4WD)	
Door Lock Control Relay	
Taillight Failure Sensor	
Automatic Antenna Relay	Left rear fender, near automatic antenna.
Rear Wiper Relay	

Automatic Antenna Relay

A/C Fan Relay No. 1



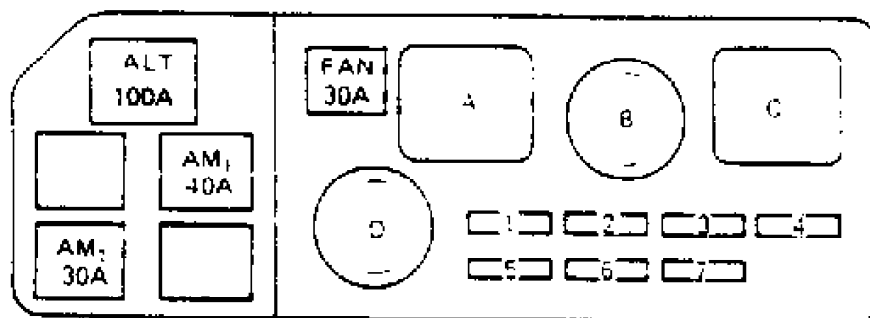
FUSE/RELAY BLOCK NO. 2

1. Fan No. 1 Relay
2. Engine Main Relay
3. EFI Main Relay
4. Headlight Control Relay

33913
(3S-GE)

On fuse/relay block No. 2, on
front left inner fender.

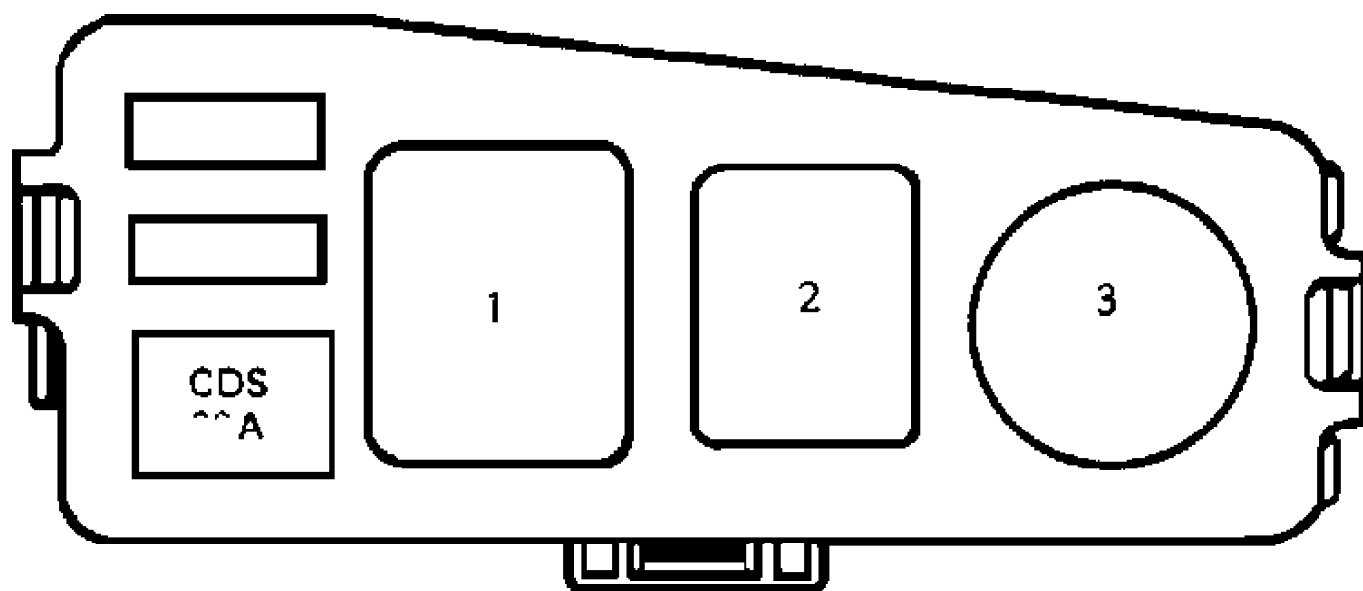
FUSE/RELAY BLOCK NO. 2 (3S-FE & 3S-GTE)



1. Engine Main Relay
2. EFI Main Relay
3. Headlight Control Relay
4. A/C Fan Relay No. 1

(3S-FE & 3S-GTE)

On fuse/relay block No. 2, on
front left inner fender.



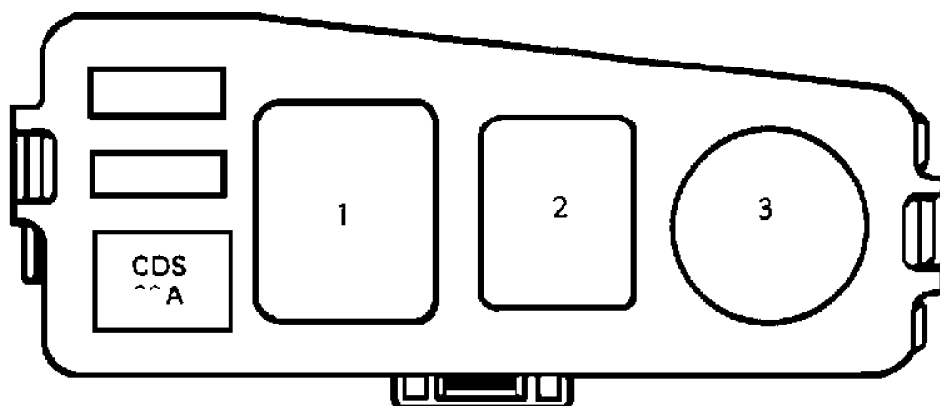
FUSE/RELAY BLOCK NO. 5

1. A/C Fan No. 2 Relay
2. A/C Magnet Clutch Relay
3. A/C Fan No. 3 Relay

33914

A/C Fan Relay No. 2

On fuse/relay block No. 5, on left side of radiator.



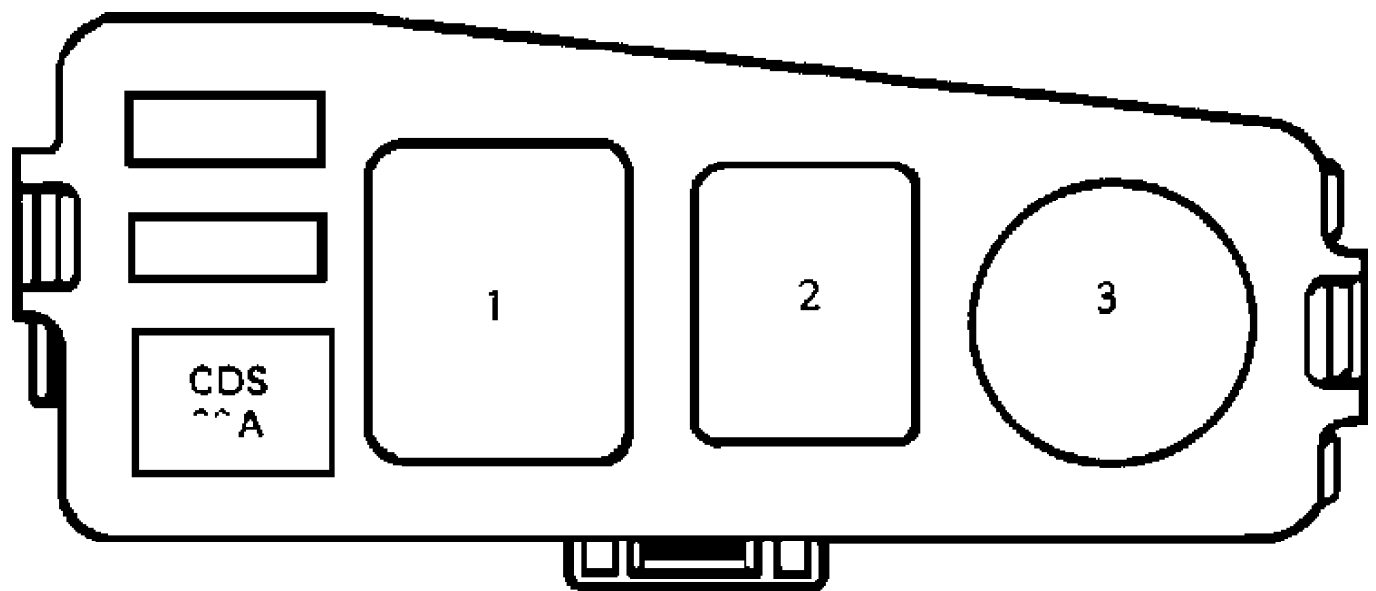
FUSE/RELAY BLOCK NO. 5

1. A/C Fan No. 2 Relay
2. A/C Magnet Clutch Relay
3. A/C Fan No. 3 Relay

33914

A/C Fan Relay No. 3

On fuse/relay block No. 5, on left side of radiator.



FUSE/RELAY BLOCK NO. 5

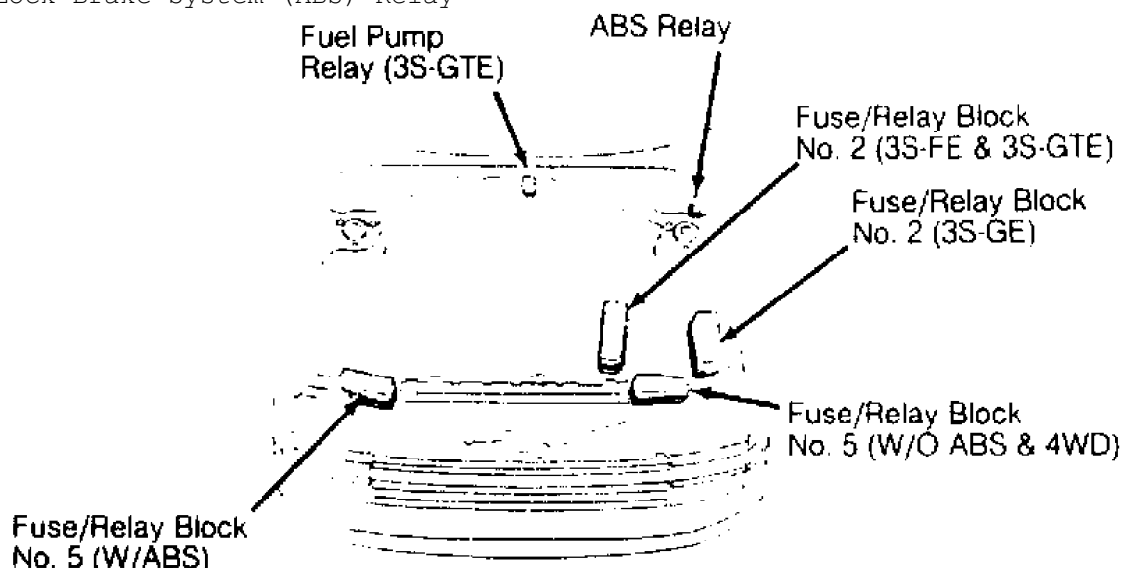
1. A/C Fan No. 2 Relay
2. A/C Magnet Clutch Relay
3. A/C Fan No. 3 Relay

33914

A/C Clutch Relay

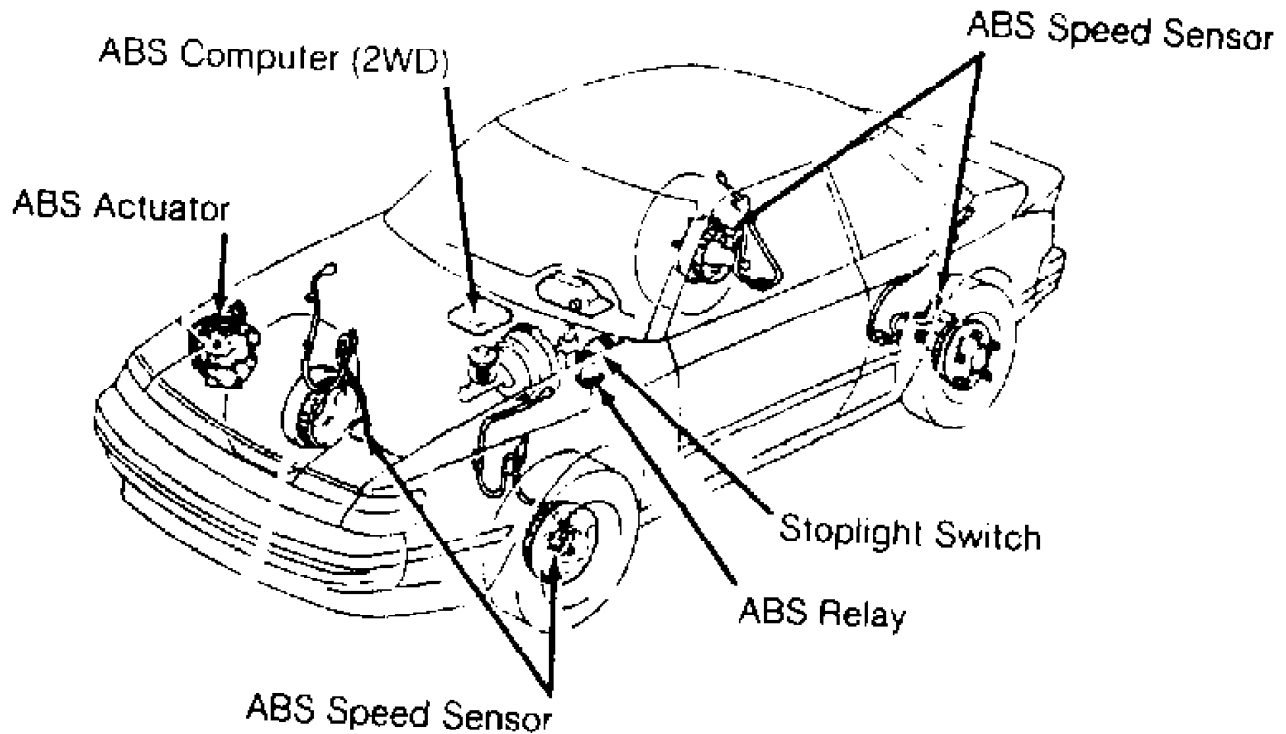
On fuse/relay block No. 5, on left side of radiator.

Anti-Lock Brake System (ABS) Relay



2WD ABS Location (Graphic 1)

Near left strut tower.

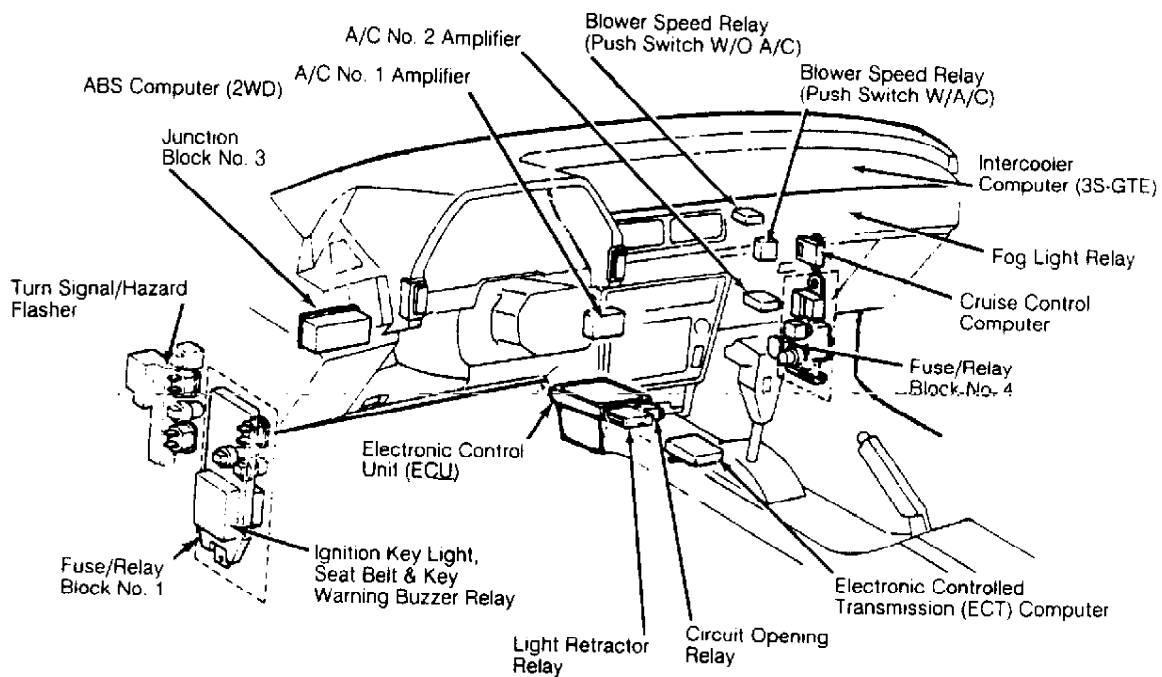


2WD ABS Location (Graphic 2)

Near left strut tower.

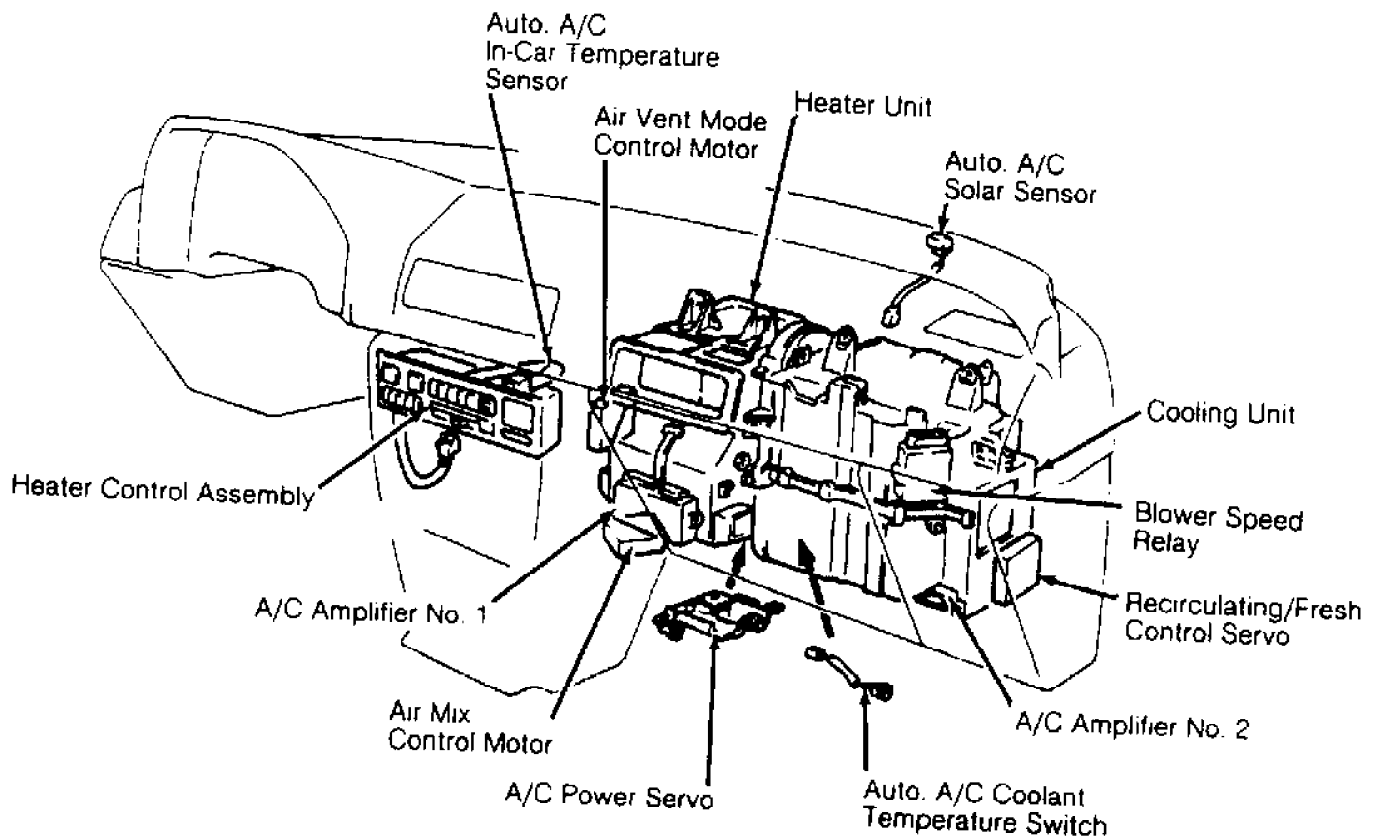
4WD

Under case cover on actuator.



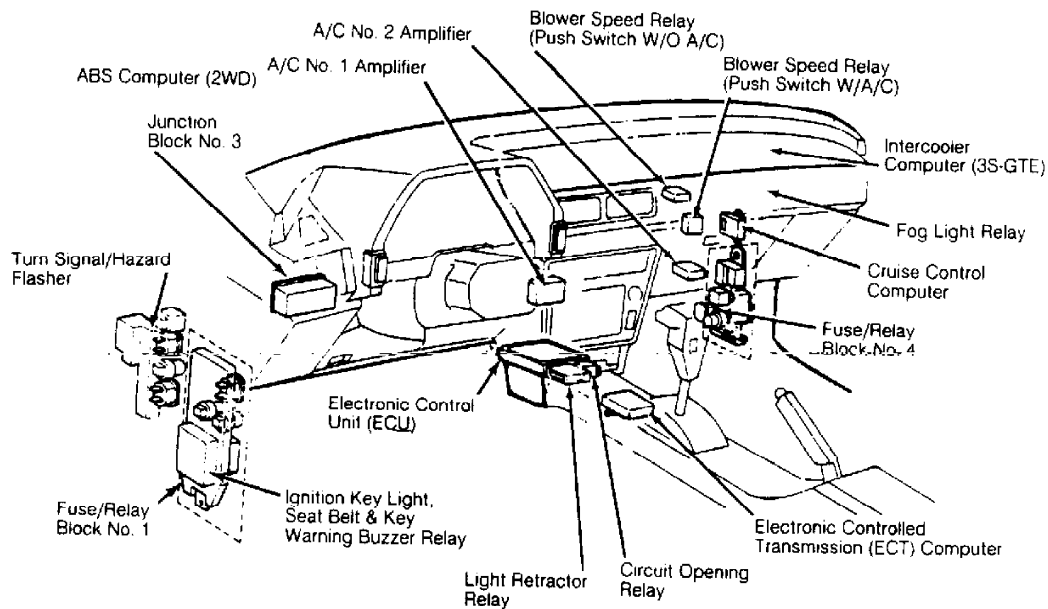
Blower Speed Relay
(Graphic No. 1)

Behind right side of dash, on evaporator housing.



Blower Speed Relay
(Graphic No. 2)

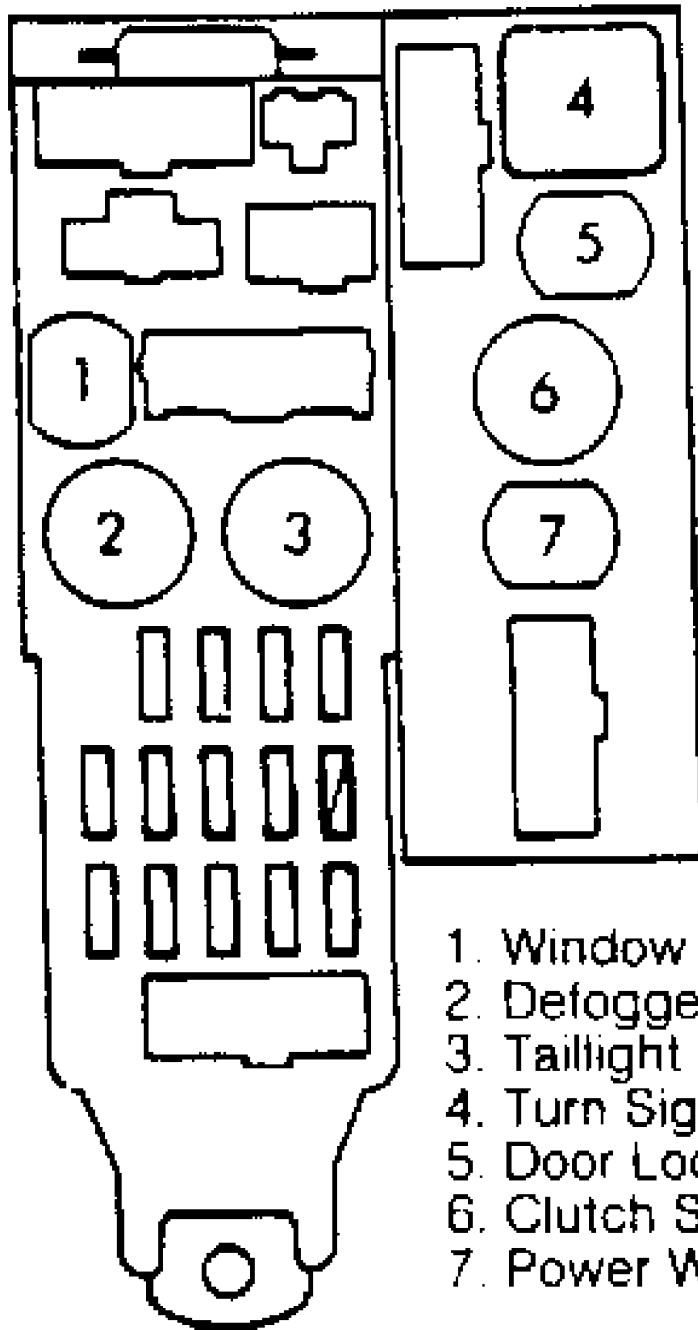
Behind right side of dash, on
evaporator housing.



Circuit Opening Relay

On center of dash, near ECU.

FUSE/RELAY BLOCK NO. 1

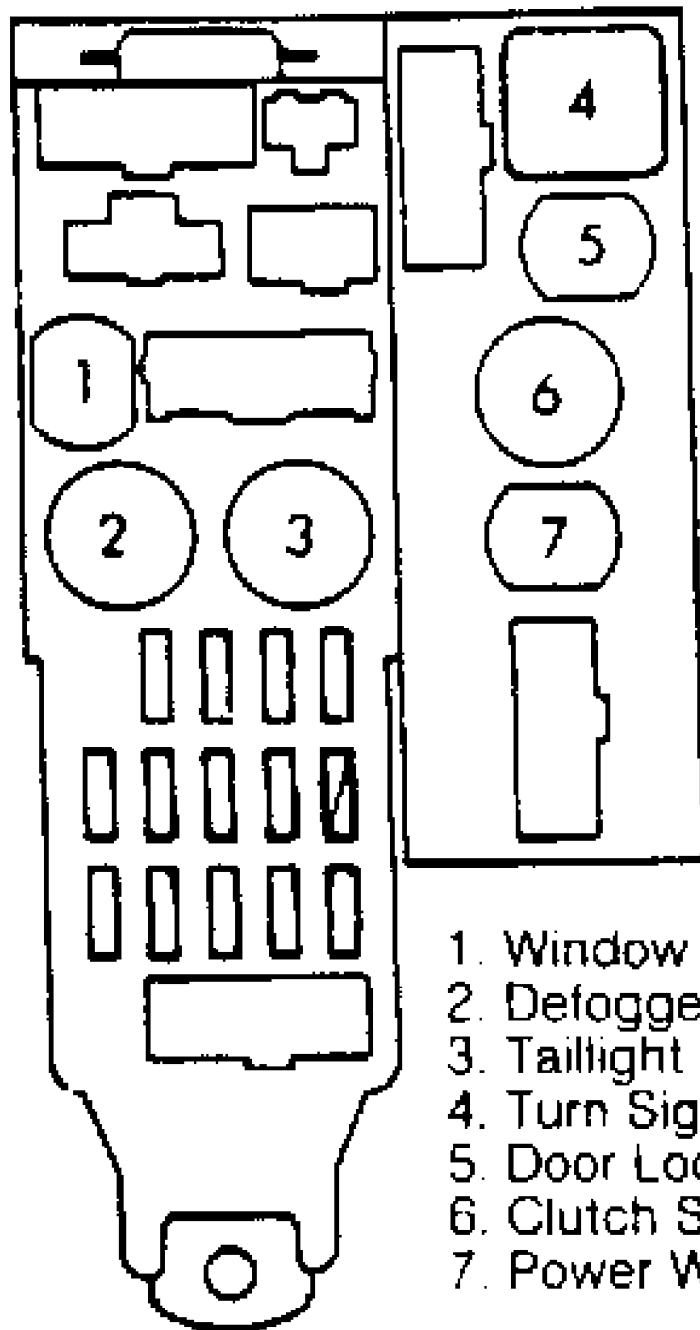


1. Window Defogger Circuit Breaker
2. Defogger Relay
3. Taillight Control Relay
4. Turn Signal/Hazard Flasher
5. Door Lock Circuit Breaker
6. Clutch Starter Relay
7. Power Window Circuit Breaker

Clutch Starter Relay

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

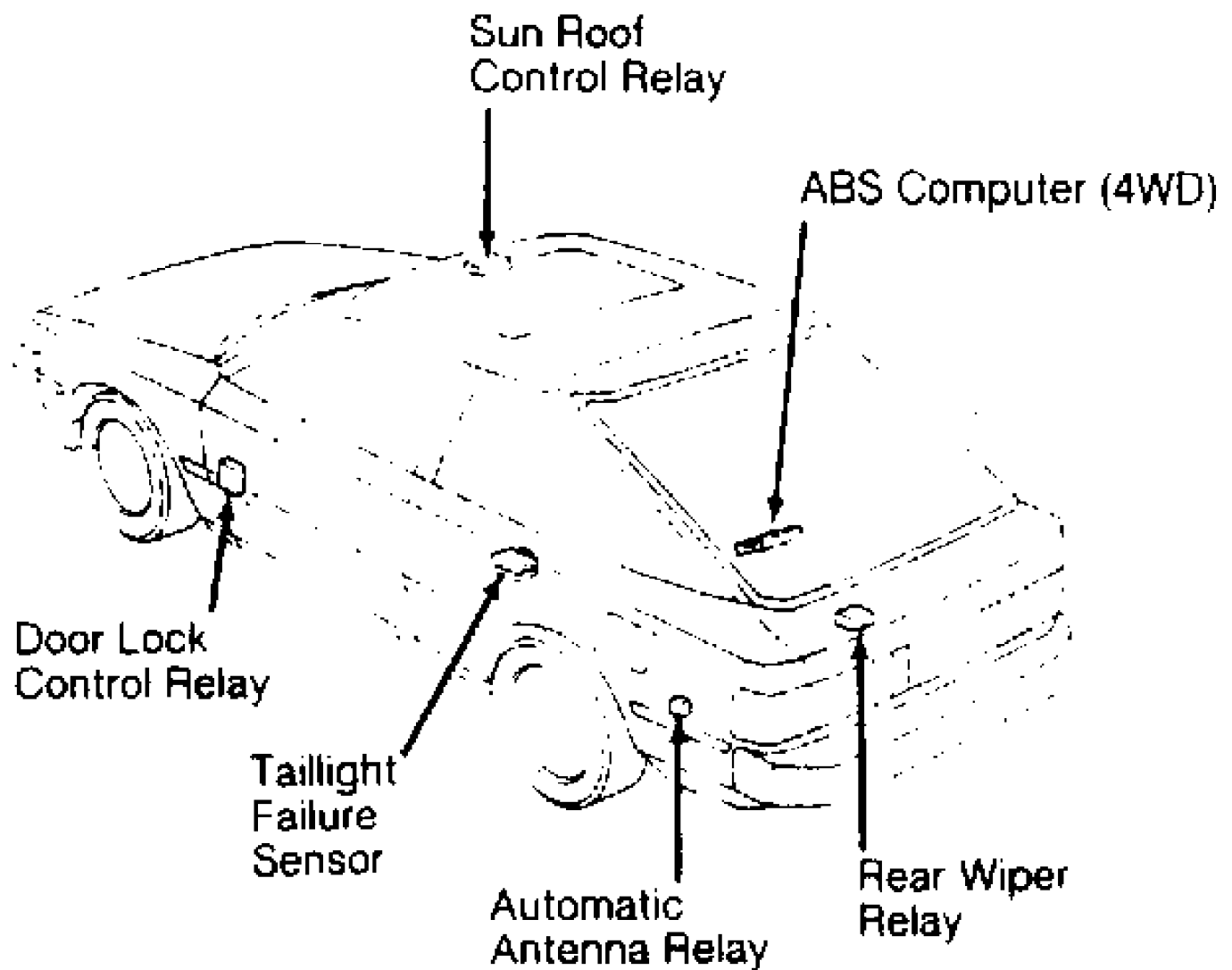
FUSE/RELAY BLOCK NO. 1



1. Window Defogger Circuit Breaker
2. Defogger Relay
3. Taillight Control Relay
4. Turn Signal/Hazard Flasher
5. Door Lock Circuit Breaker
6. Clutch Starter Relay
7. Power Window Circuit Breaker

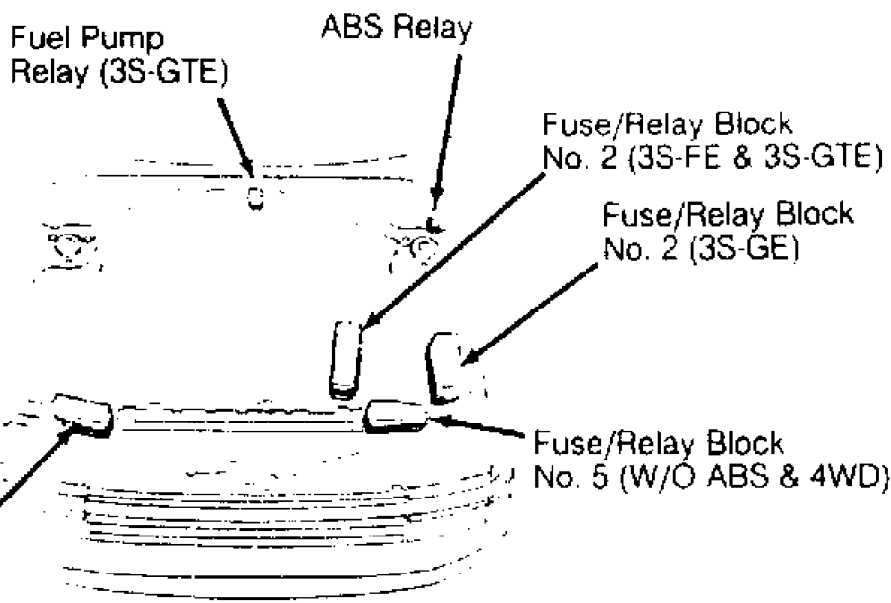
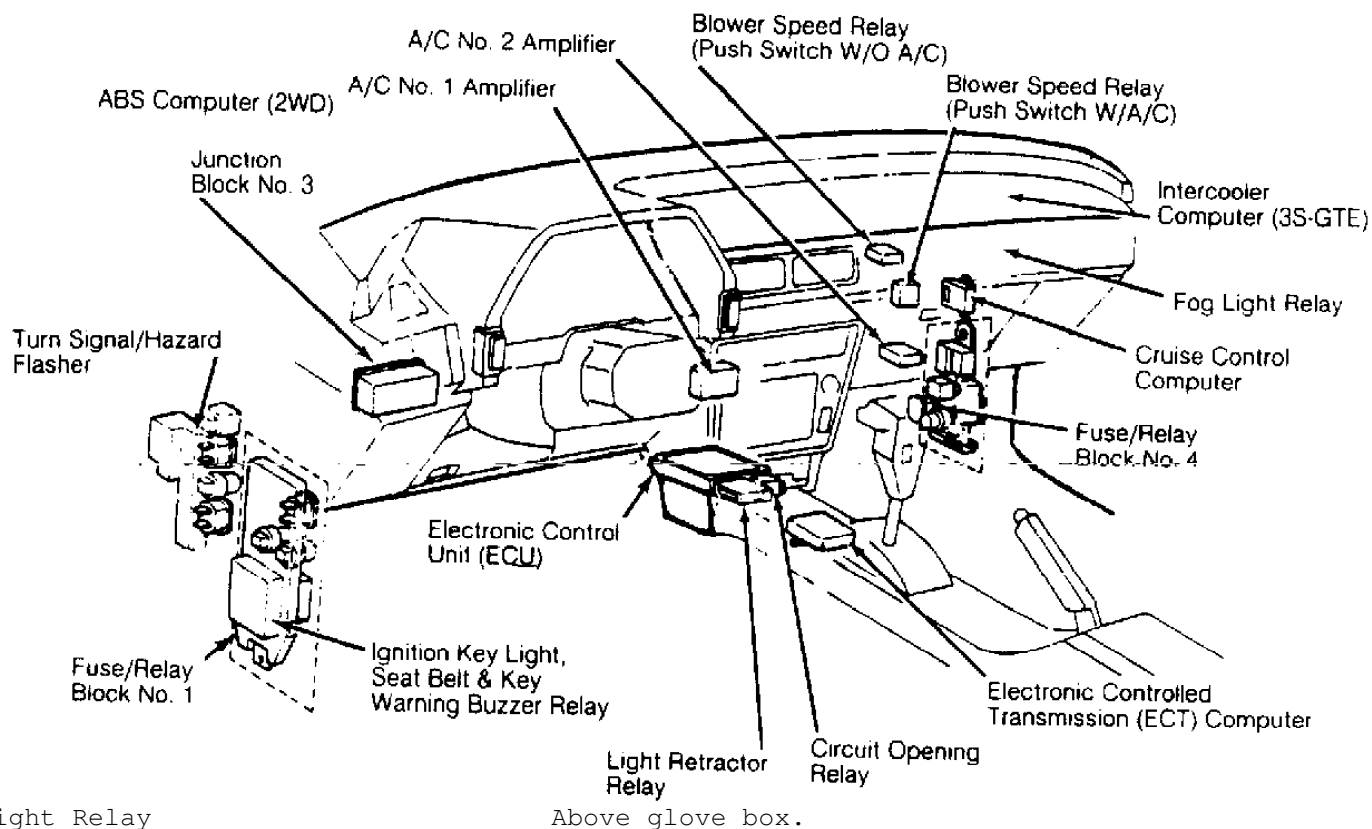
Defogger Relay

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



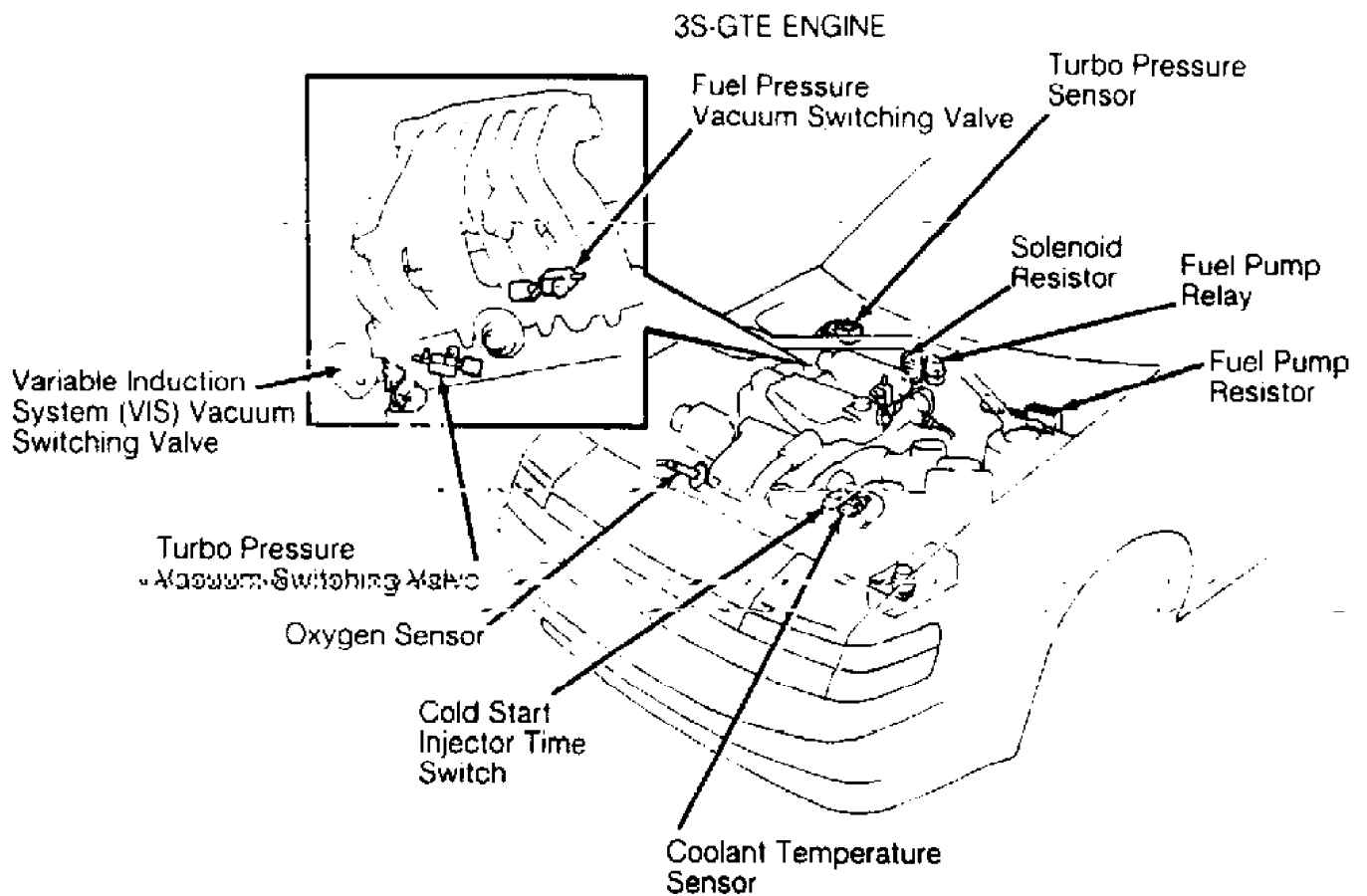
Door Lock Control Relay

Inside driver's door, behind door panel.



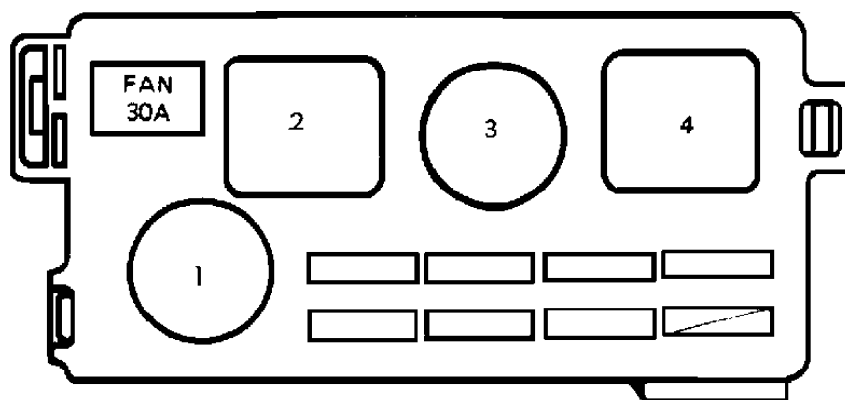
Fuel Pump Relay (3S-GTE)
(Graphic 1)

Center of firewall.



Fuel Pump Relay (3S-GTE)
(Graphic 2)

Center of firewall.



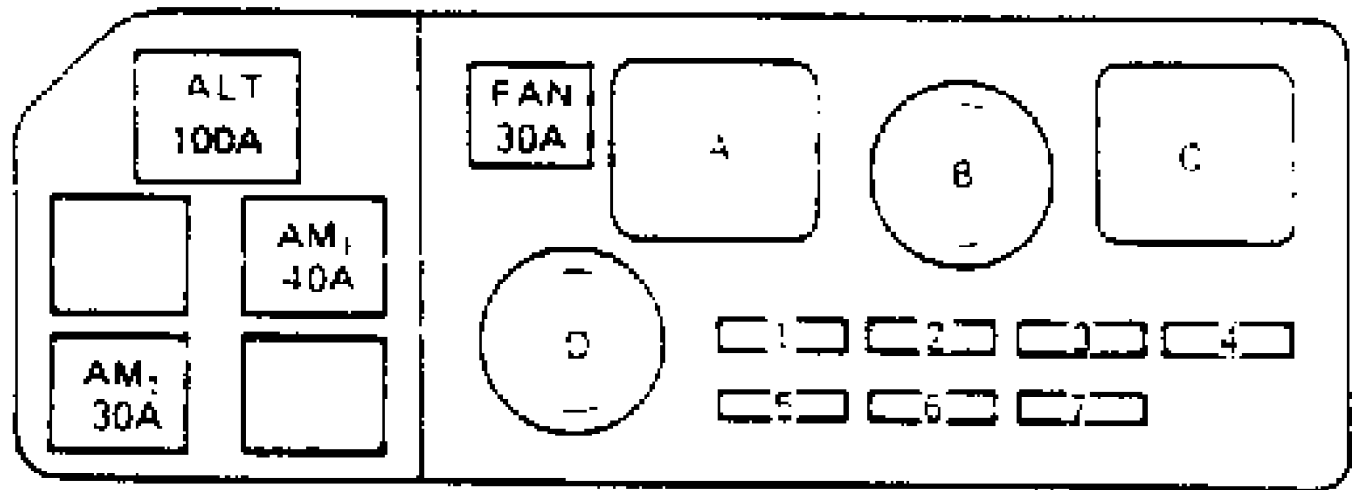
FUSE/RELAY BLOCK NO. 2

1. Fan No. 1 Relay
2. Engine Main Relay
3. EFI Main Relay
4. Headlight Control Relay

33913
EFI Main Relay (3S-GE)

On fuse/relay block No. 2, on
front left inner fender.

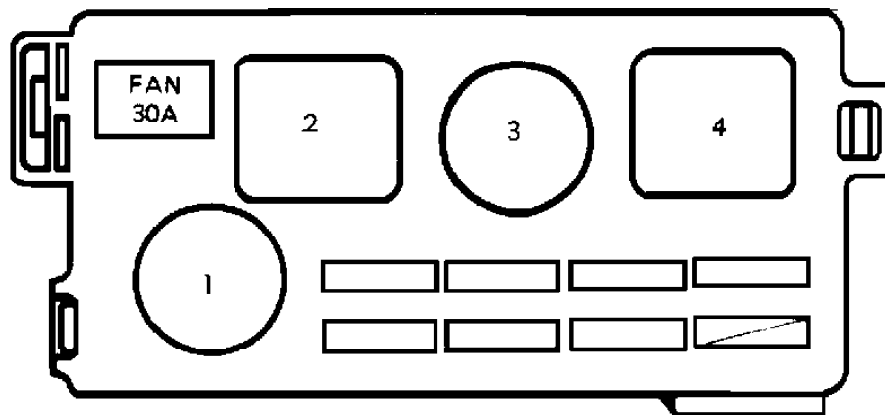
FUSE/RELAY BLOCK NO. 2 (3S-FE & 3S-GTE)



1. Engine Main Relay
2. EFI Main Relay
3. Headlight Control Relay
4. A/C Fan Relay No. 1

EFI Main Relay (3S-FE & 3S GTE)

On fuse/relay block No. 2, on front left inner fender.



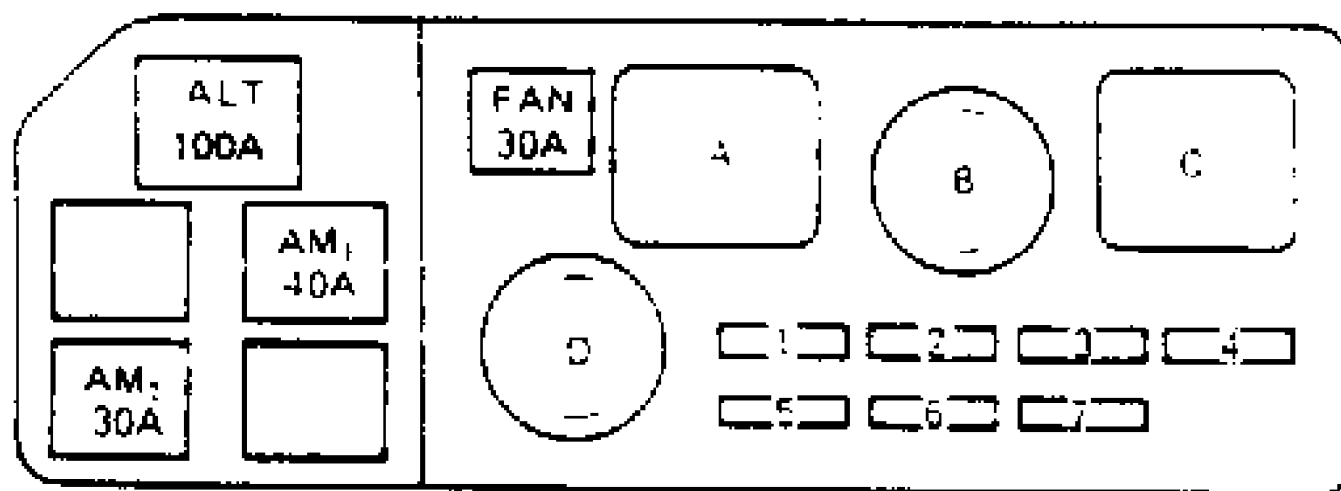
FUSE/RELAY BLOCK NO. 2

1. Fan No. 1 Relay
2. Engine Main Relay
3. EFI Main Relay
4. Headlight Control Relay

33913
Engine Main Relay (3S-GE)
(Graphic 1)

On fuse/relay block No. 2, on front left inner fender.

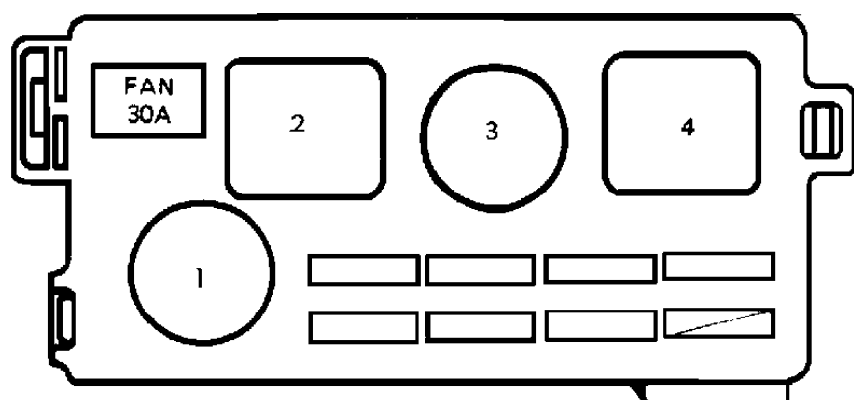
FUSE/RELAY BLOCK NO. 2 (3S-FE & 3S-GTE)



1. Engine Main Relay
2. EFI Main Relay
3. Headlight Control Relay
4. A/C Fan Relay No. 1

Engine Main Relay (3S-FE & 3S GTE) (Graphic 2)

On fuse/relay block No. 2, on front left inner fender.



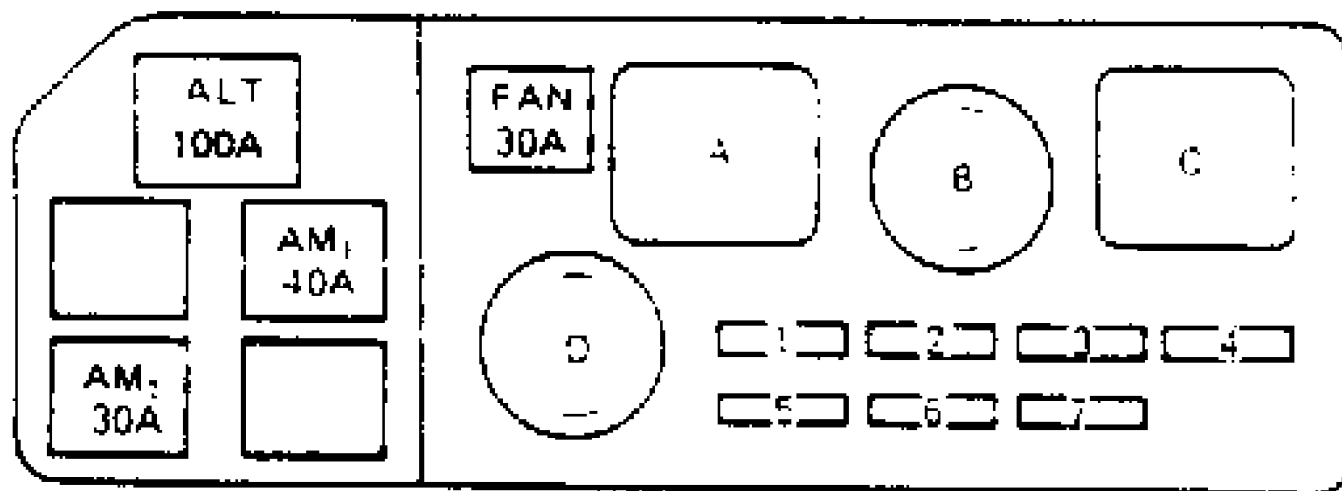
FUSE/RELAY BLOCK NO. 2

1. Fan No. 1 Relay
2. Engine Main Relay
3. EFI Main Relay
4. Headlight Control Relay

33913
Headlight Control Relay (3S-GE)
(Graphic 1)

On fuse/relay block No. 2, on front left inner fender.

FUSE/RELAY BLOCK NO. 2 (3S-FE & 3S-GTE)

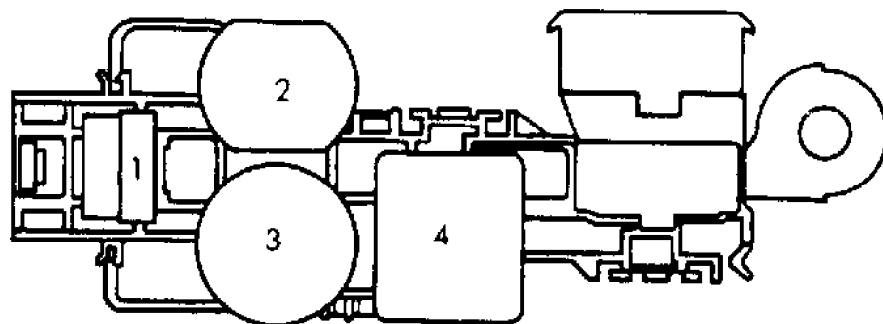


1. Engine Main Relay
2. EFI Main Relay
3. Headlight Control Relay
4. A/C Fan Relay No. 1

Headlight Control Relay (3S-FE & 3S GTE) (Graphic 2)

On fuse/relay block No. 2, on front left inner fender.

FUSE/RELAY BLOCK NO. 4

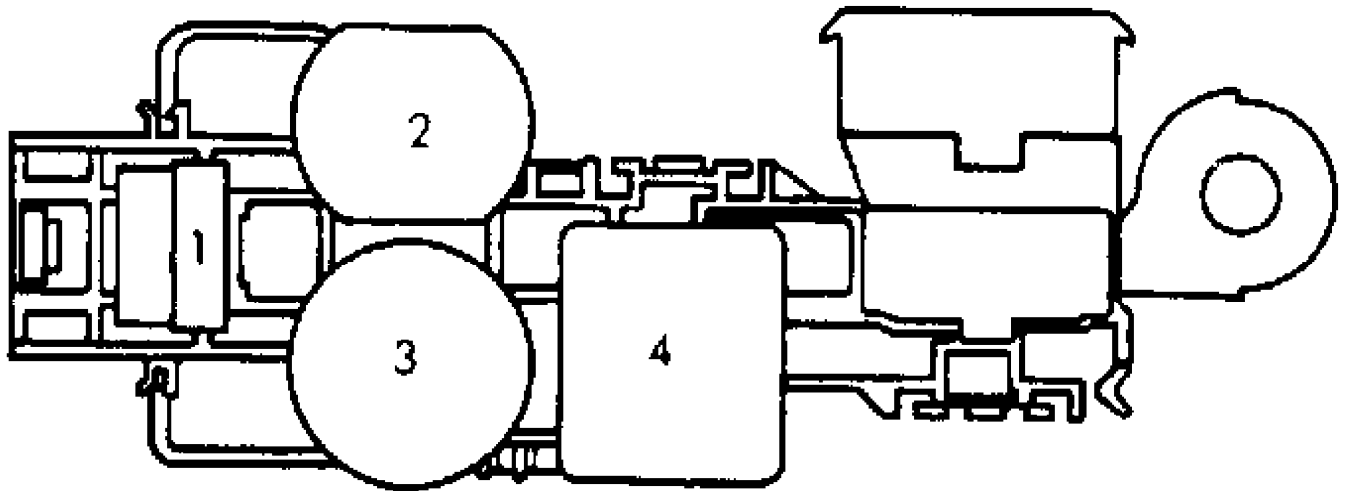


1. A/C Fuse
2. Heater Circuit Breaker
3. Horn Relay
4. Heater Relay

Heater Relay

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

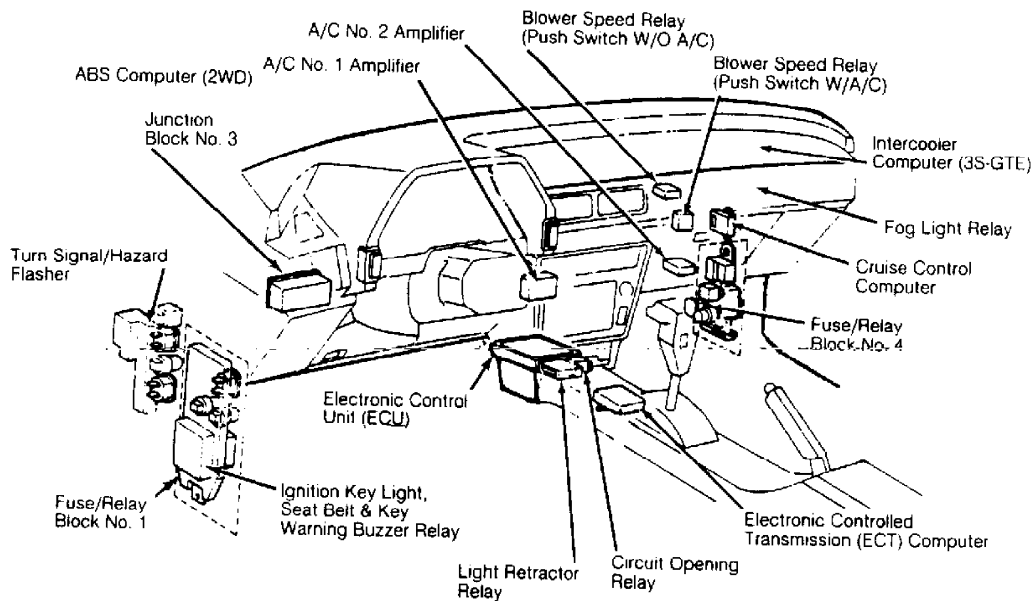
FUSE/RELAY BLOCK NO. 4



1. A/C Fuse
2. Heater Circuit Breaker
3. Horn Relay
4. Heater Relay

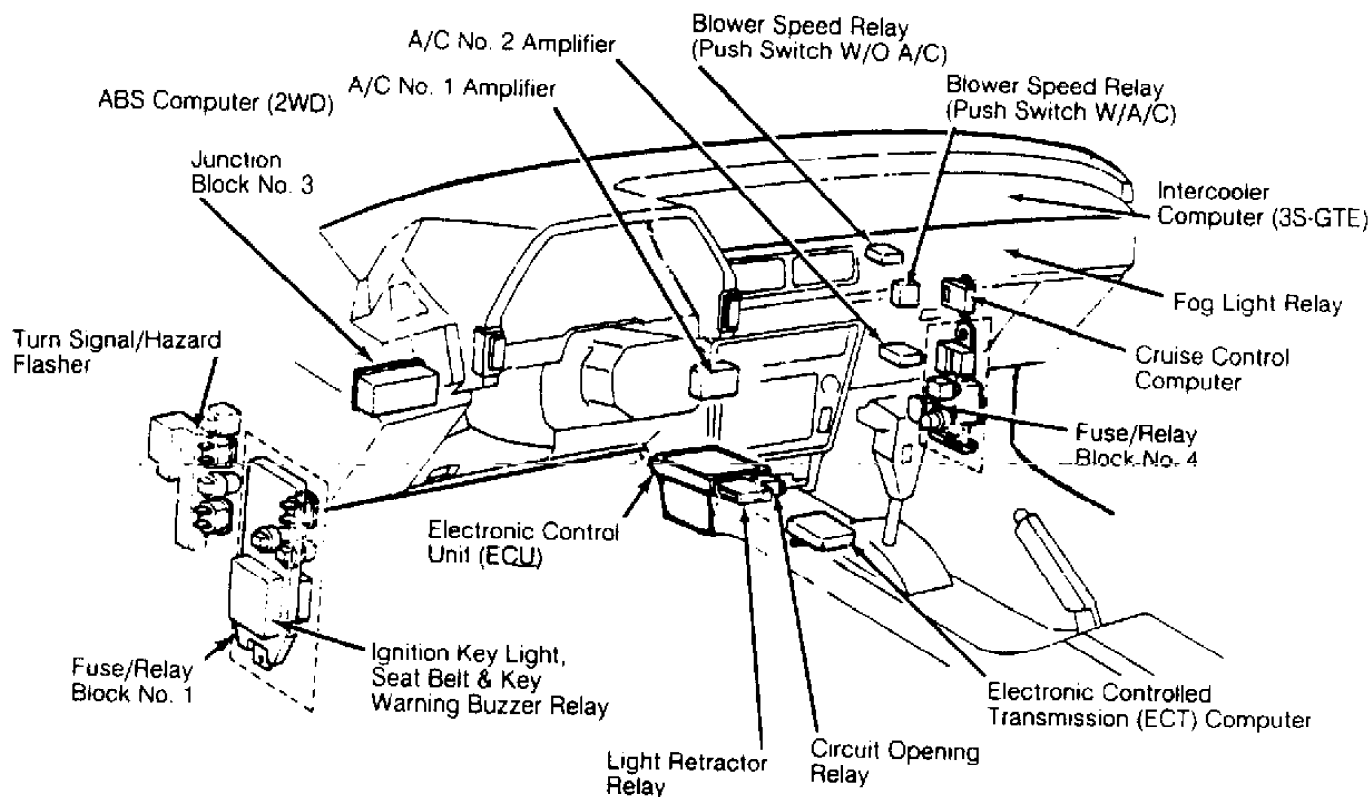
Horn Relay

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



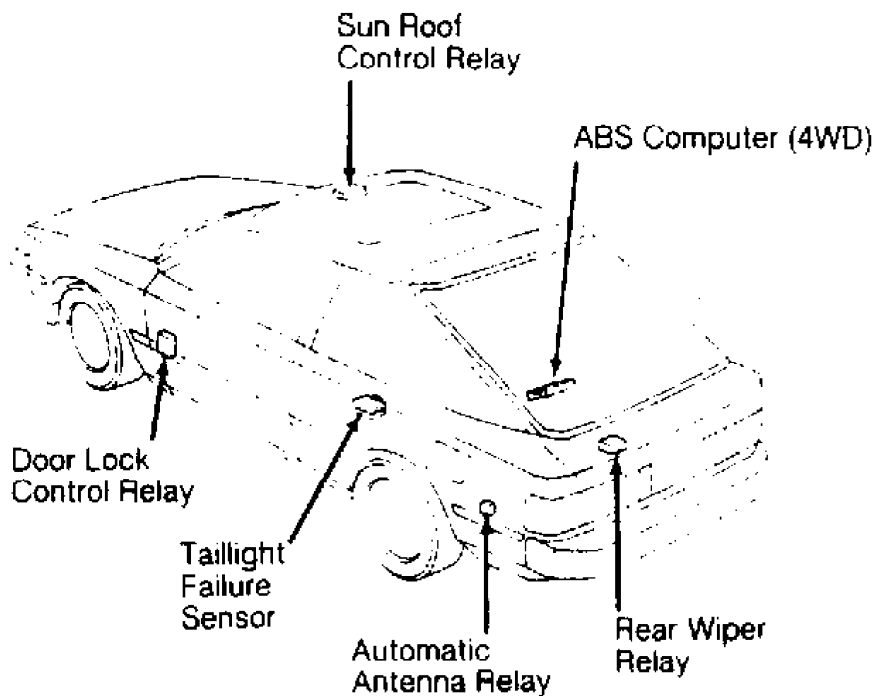
Ignition Key Light, Seat Belt &
Key Warning Buzzer Relay

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



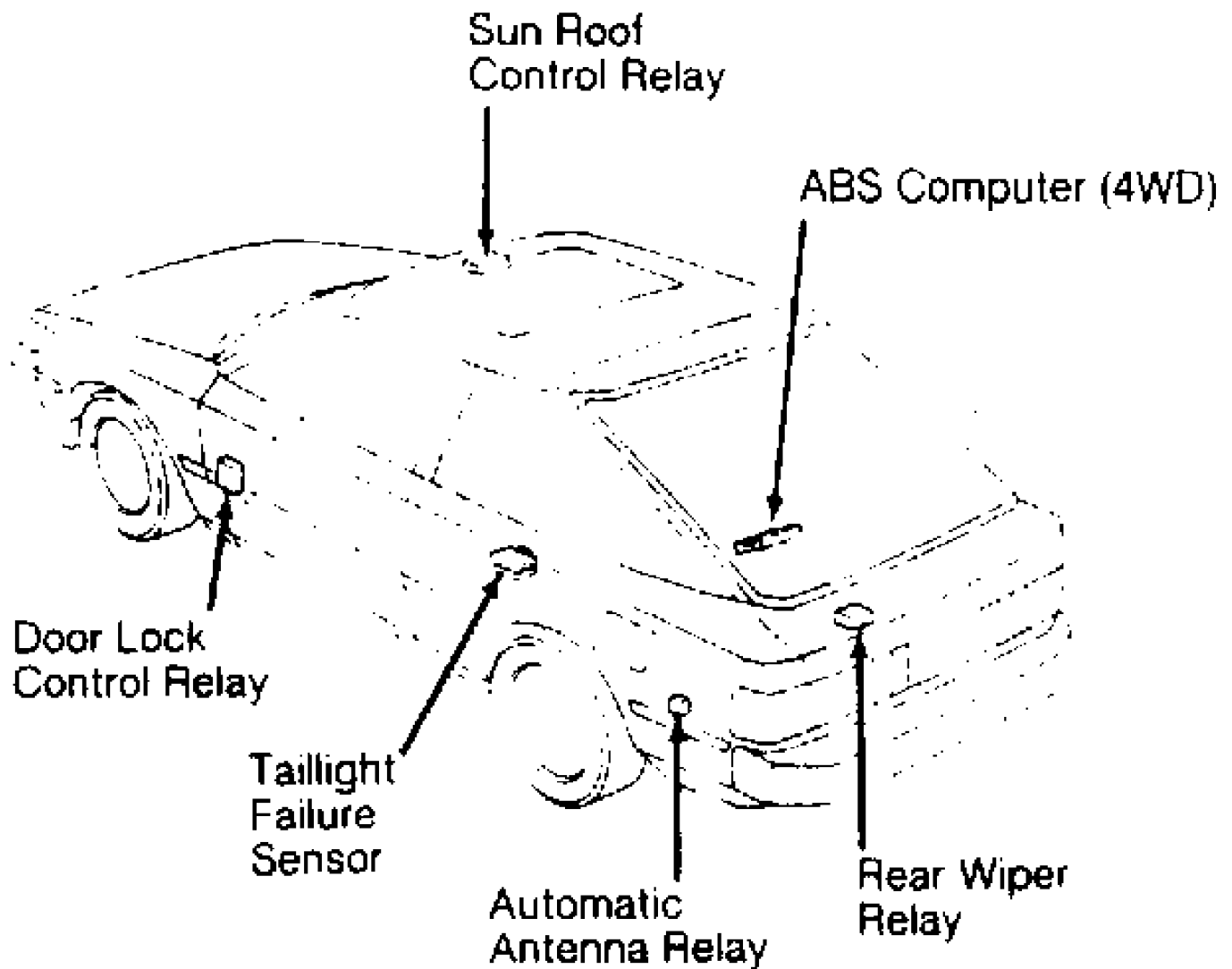
Light Retractor Relay

Behind center dash console.



Rear Wiper Relay

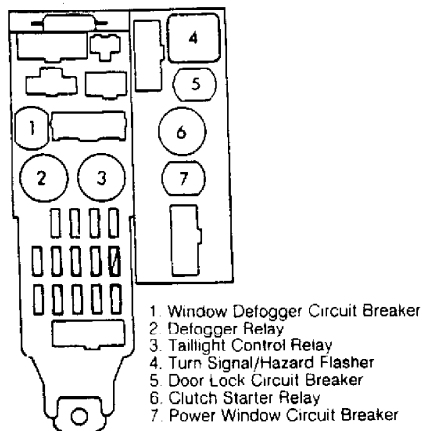
Inside liftgate, near rear window wiper motor.



Sun Roof Control Relay

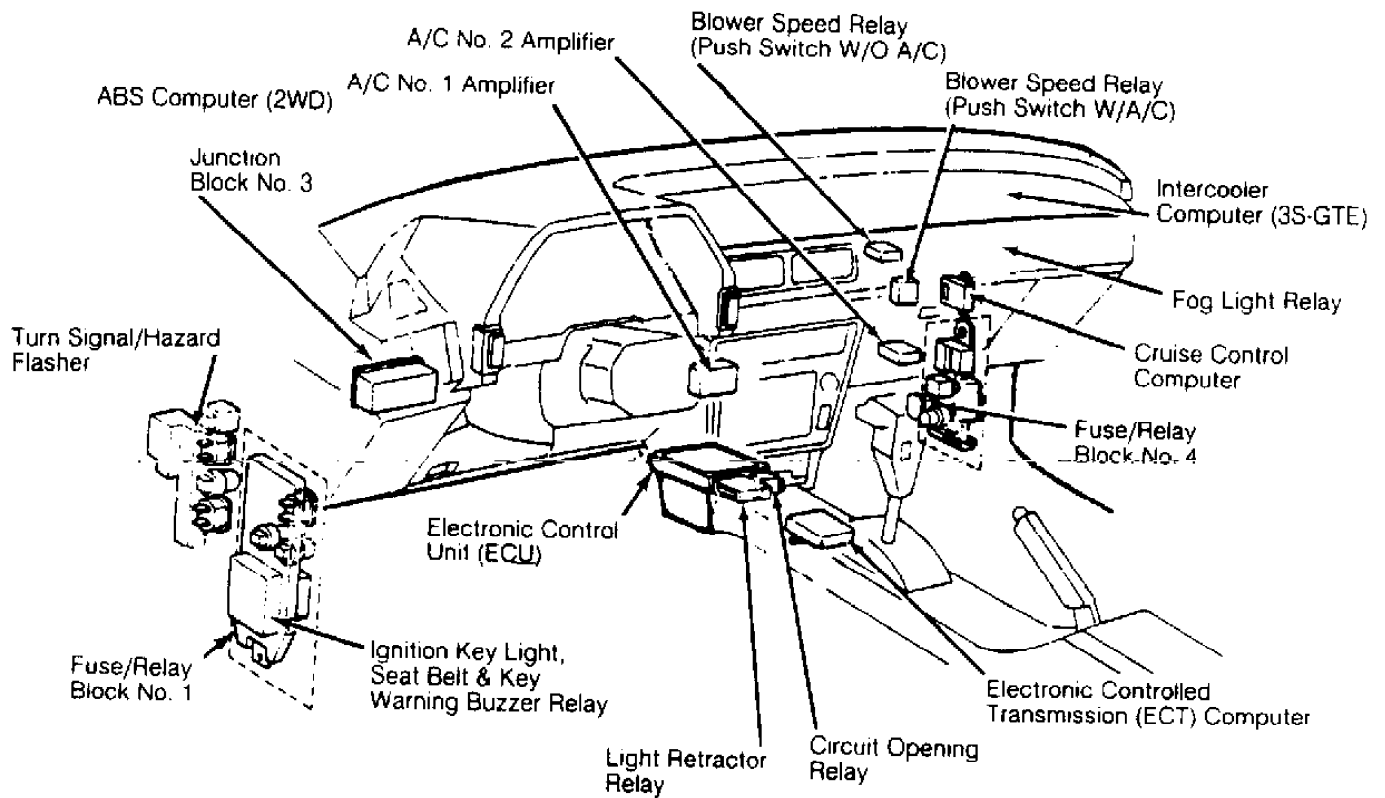
In front of sun roof opening.

FUSE/RELAY BLOCK NO. 1



Taillight Control Relay

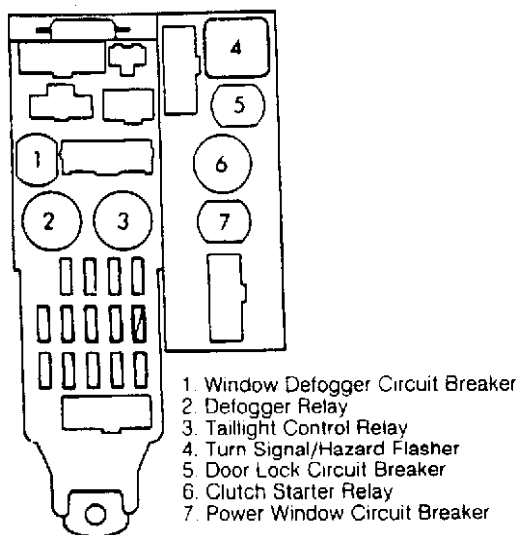
On fuse/relay block No. 1,
behind left kick panel.



Turn Signal/Hazard Flasher
(Graphic 1)

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

FUSE/RELAY BLOCK NO. 1



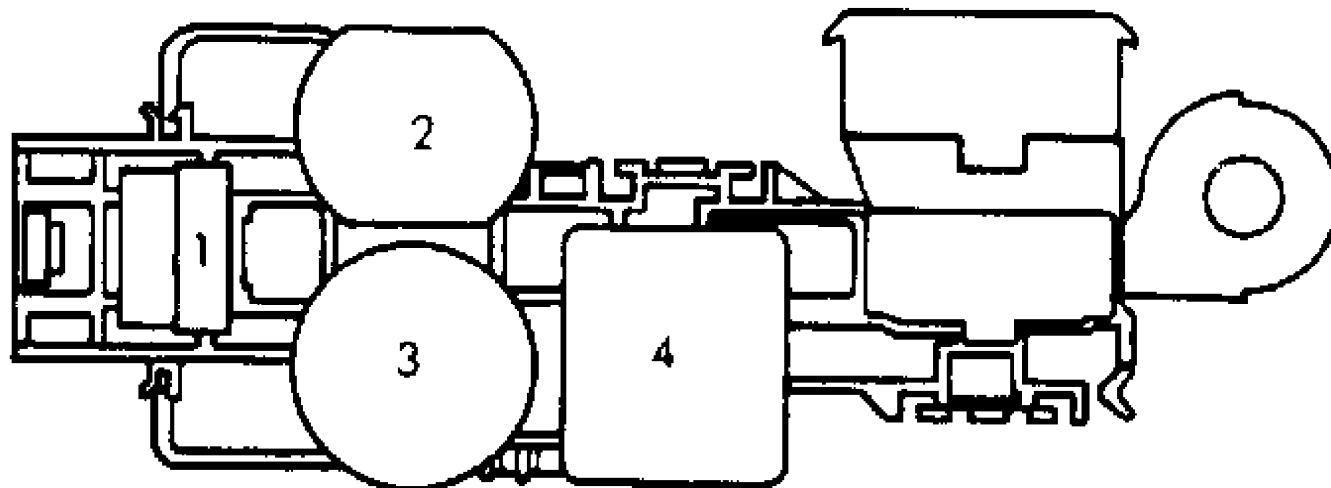
Turn Signal/Hazard Flasher
(Graphic 2)

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

CIRCUIT PROTECTION DEVICES

Component	Component Location
1. Main Body	1. Main Body
2. Base	2. Base
3. Top Cover	3. Top Cover
4. Side Panel	4. Side Panel
5. Front Panel	5. Front Panel
6. Back Panel	6. Back Panel
7. Internal Components	7. Internal Components
8. External Components	8. External Components
9. Accessory Components	9. Accessory Components
10. Miscellaneous Components	10. Miscellaneous Components

FUSE/RELAY BLOCK NO. 4



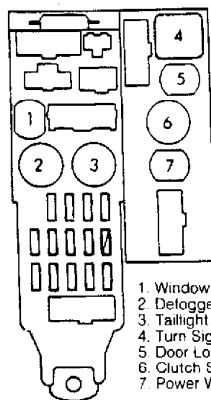
1. A/C Fuse
2. Heater Circuit Breaker
3. Horn Relay
4. Heater Relay

A/C Fuse

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

Circuit Breakers

FUSE/RELAY BLOCK NO. 1

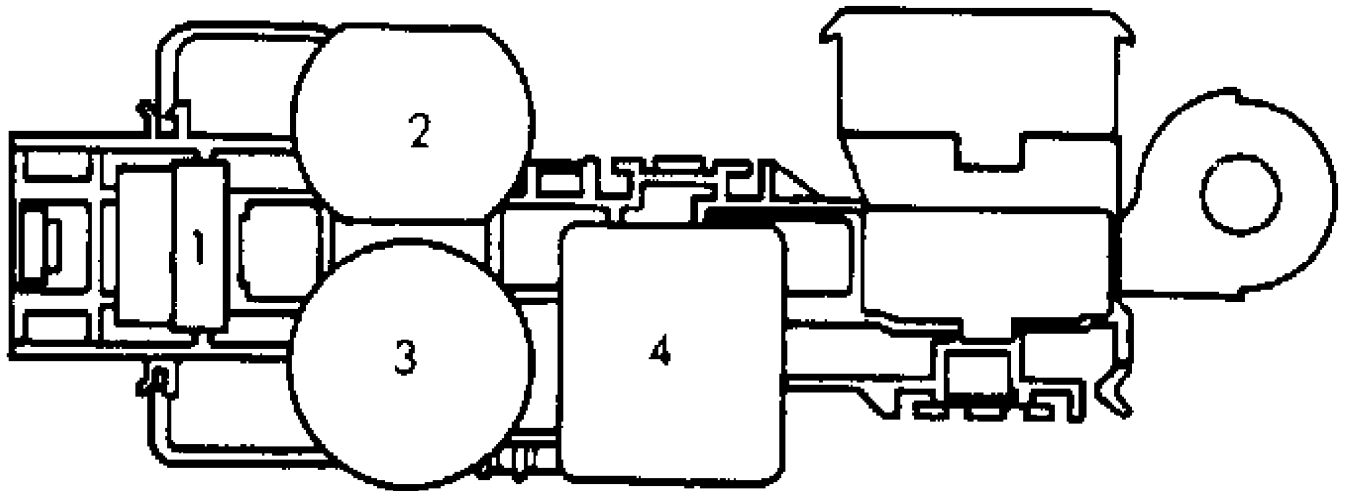


1. Window Defogger Circuit Breaker
2. Defogger Relay
3. Taillight Control Relay
4. Turn Signal/Hazard Flasher
5. Door Lock Circuit Breaker
6. Clutch Starter Relay
7. Power Window Circuit Breaker

Door Lock

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

FUSE/RELAY BLOCK NO. 4

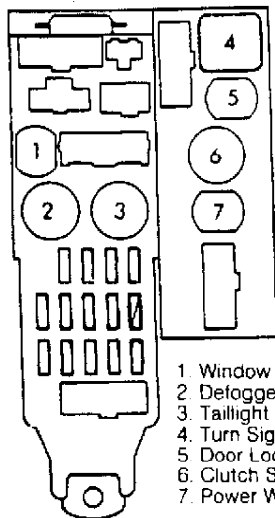


1. A/C Fuse
2. Heater Circuit Breaker
3. Horn Relay
4. Heater Relay

Heater

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

FUSE/RELAY BLOCK NO. 1

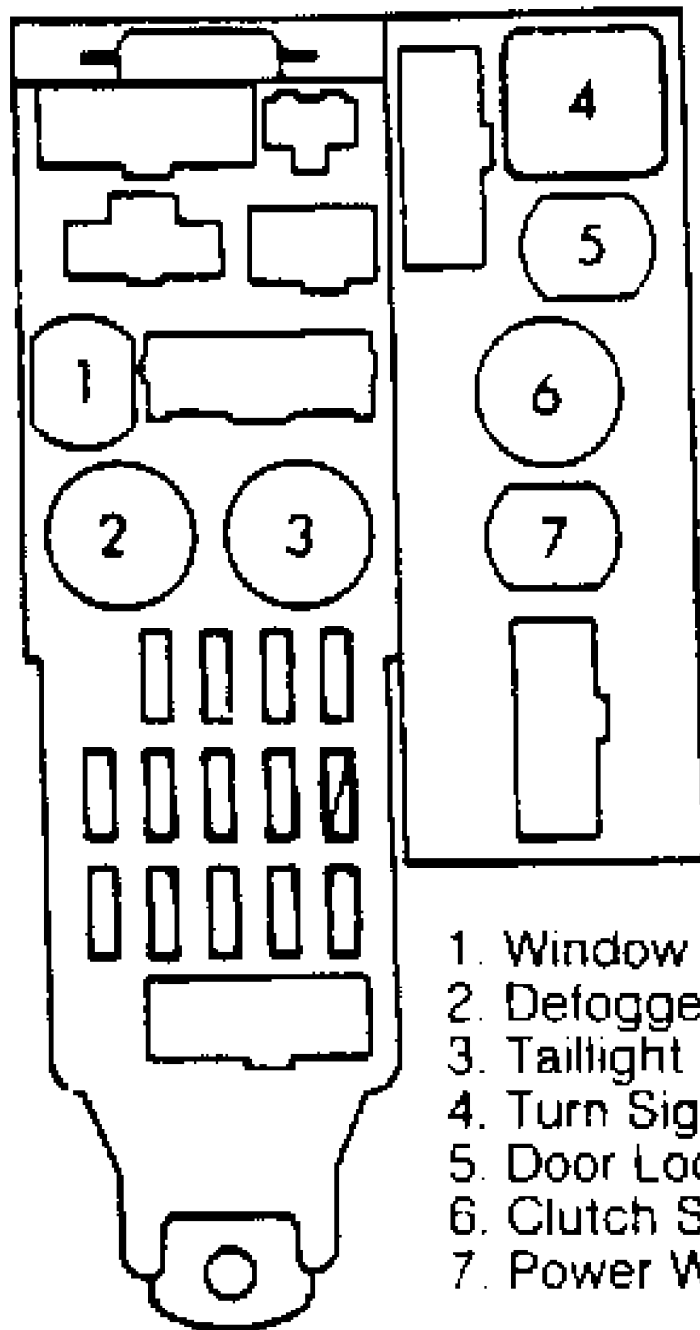


1. Window Defogger Circuit Breaker
2. Defogger Relay
3. Taillight Control Relay
4. Turn Signal/Hazard Flasher
5. Door Lock Circuit Breaker
6. Clutch Starter Relay
7. Power Window Circuit Breaker

Power Window

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

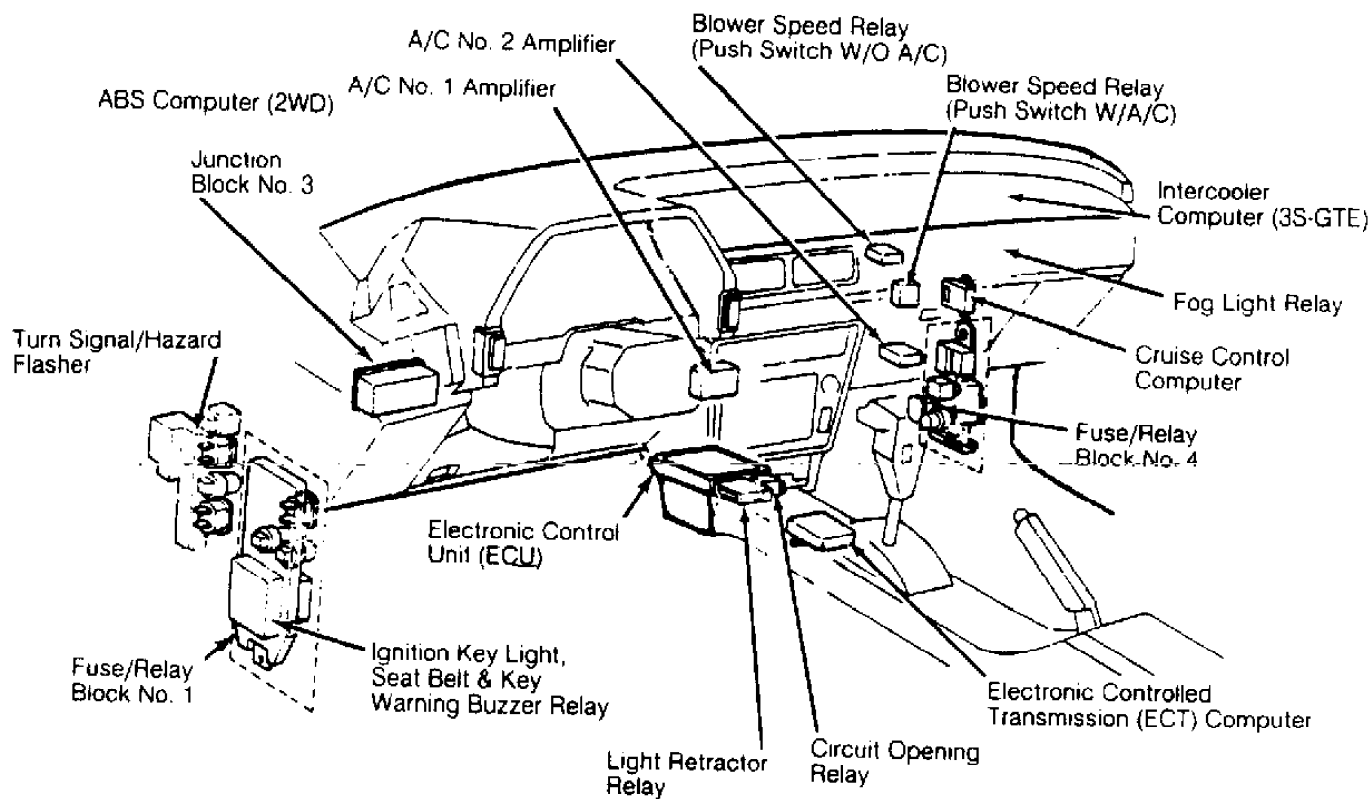
FUSE/RELAY BLOCK NO. 1



1. Window Defogger Circuit Breaker
2. Defogger Relay
3. Taillight Control Relay
4. Turn Signal/Hazard Flasher
5. Door Lock Circuit Breaker
6. Clutch Starter Relay
7. Power Window Circuit Breaker

Window Defogger

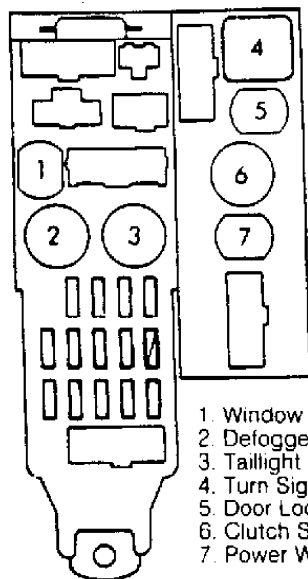
On fuse/relay block No. 1,
behind left kick panel.



Fuse/Relay Block No. 1
(Graphic 1)

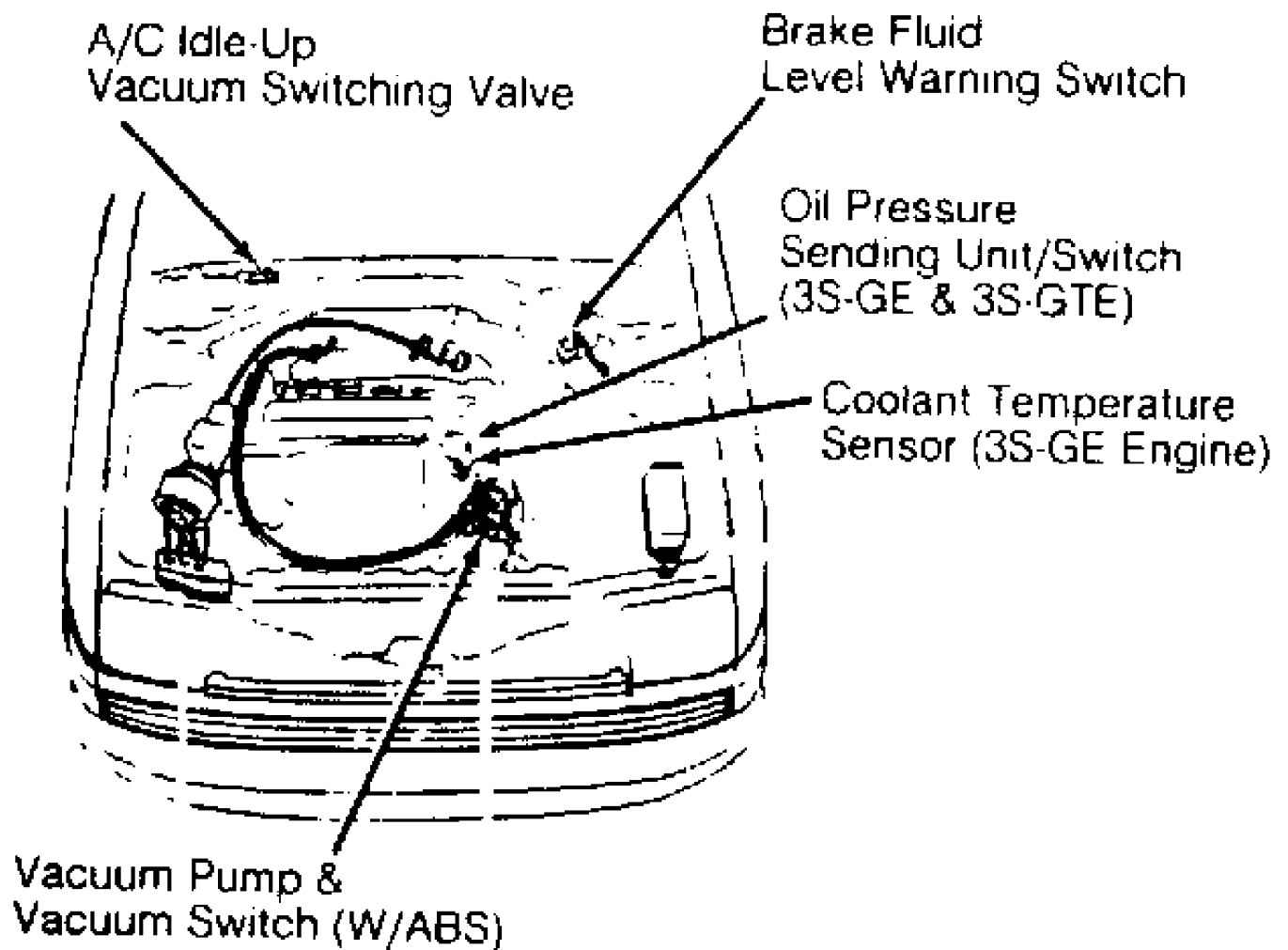
Behind left kick panel.

FUSE/RELAY BLOCK NO. 1



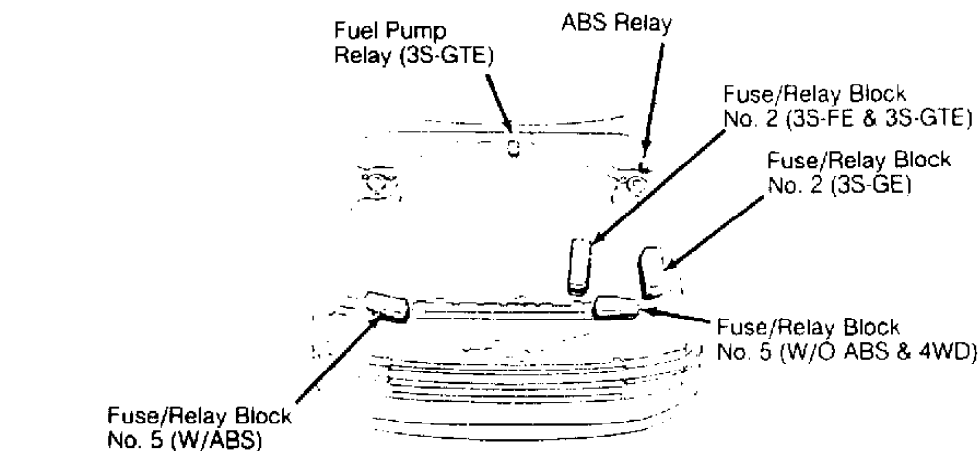
Fuse/Relay Block No. 1
(Graphic 2)

Behind left kick panel.



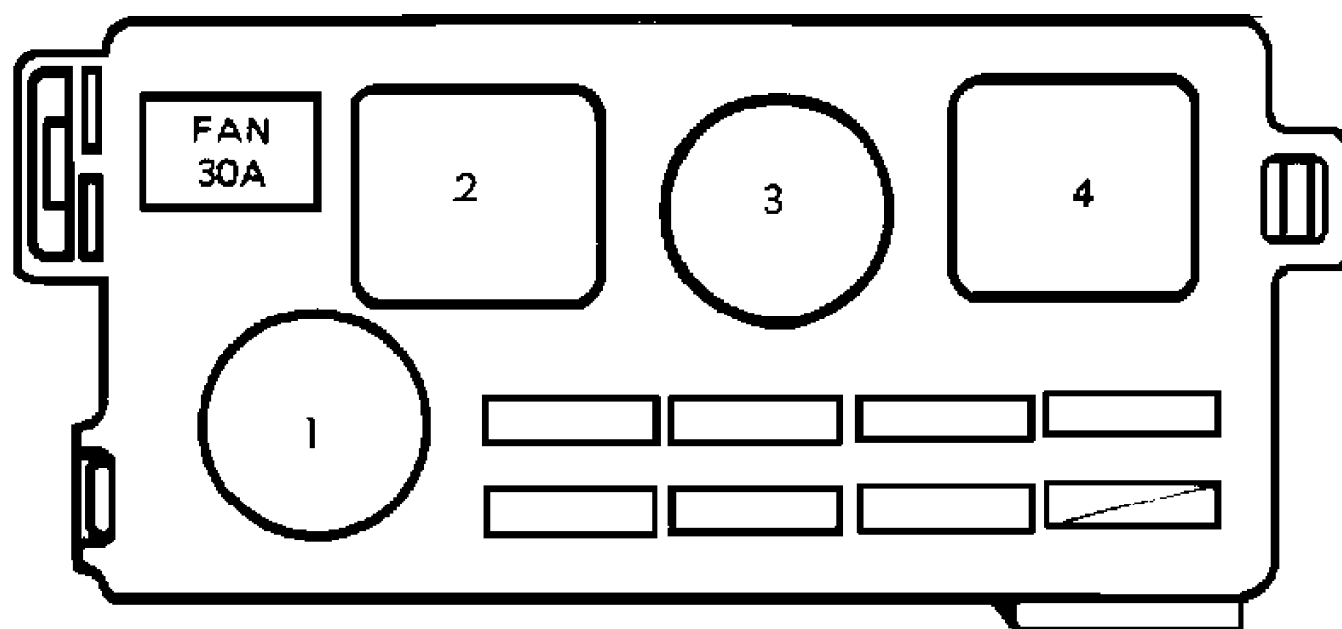
Fuse/Relay Block No. 2
(Graphic 1)

On front left inner fender.



Fuse/Relay Block No. 2
(Graphic 2)

On front left inner fender.



FUSE/RELAY BLOCK NO. 2

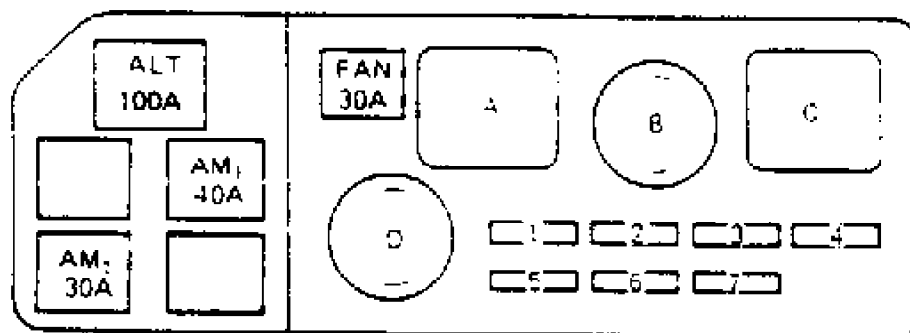
1. Fan No. 1 Relay
2. Engine Main Relay
3. EFI Main Relay
4. Headlight Control Relay

33913

Fuse/Relay Block No. 2 (3S-GE)

On front left inner fender.

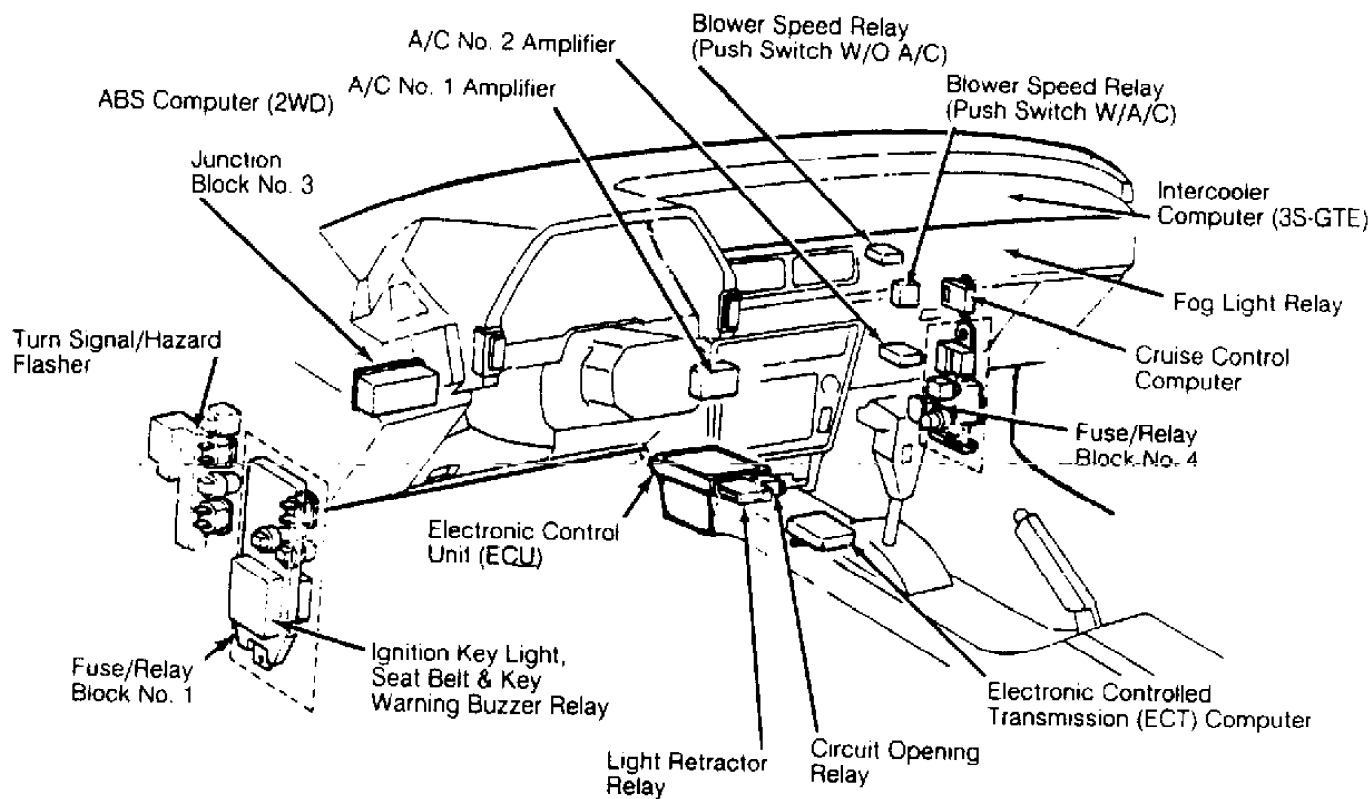
FUSE/RELAY BLOCK NO. 2 (3S-FE & 3S-GTE)



1. Engine Main Relay
2. EFI Main Relay
3. Headlight Control Relay
4. A/C Fan Relay No. 1

Fuse/Relay Block No. 2
(3S-FE & 3S-GTE)

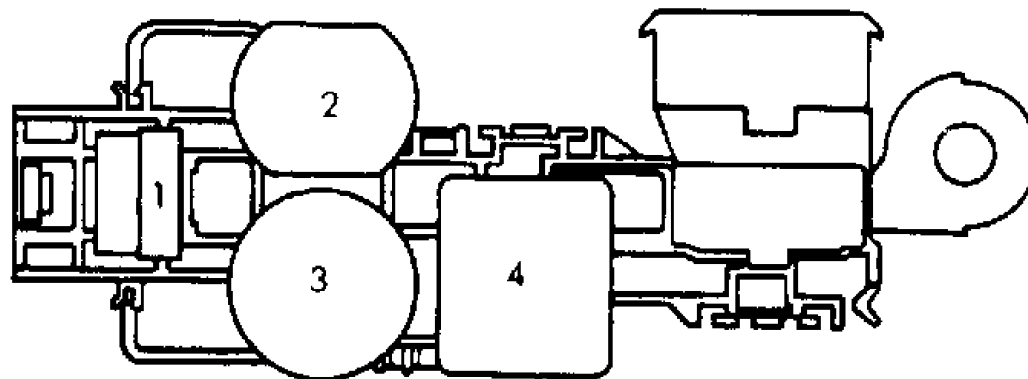
On front left inner fender.



Fuse/Relay Block No. 4
(Graphic 1)

Behind right kick panel.

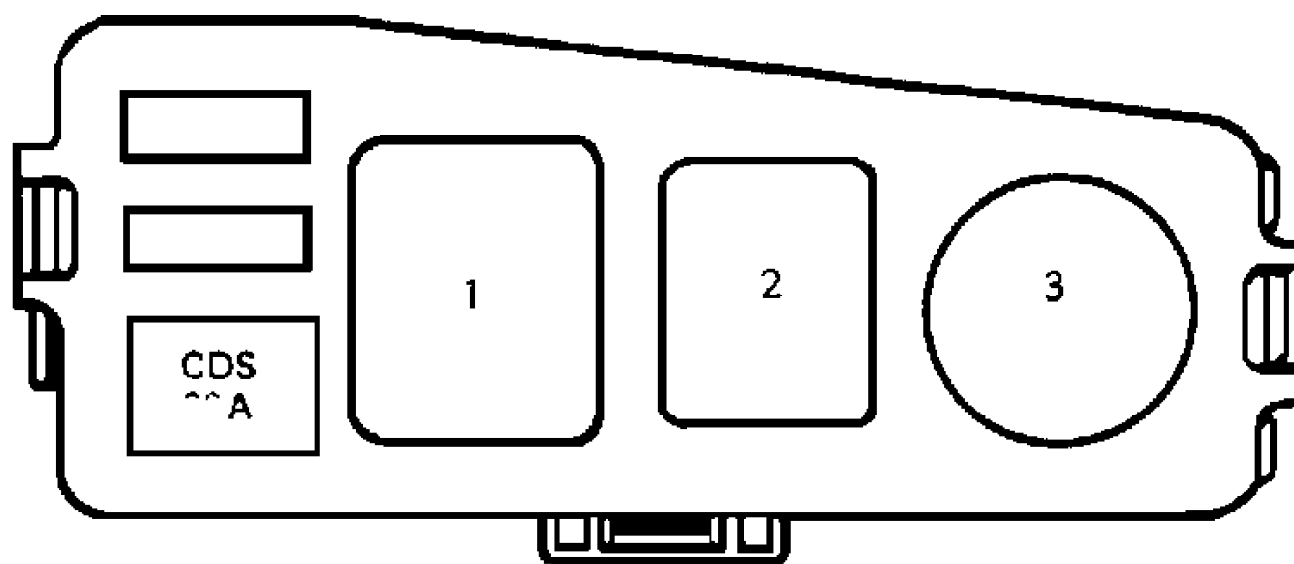
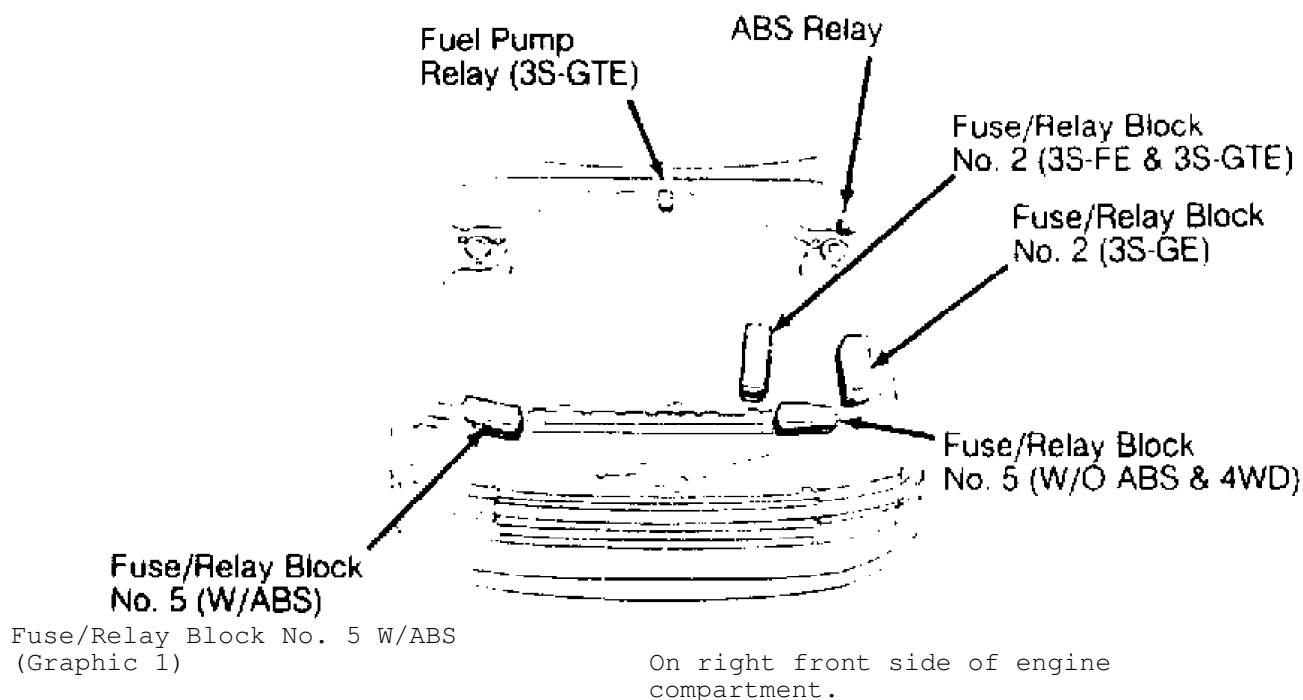
FUSE/RELAY BLOCK NO. 4



1. A/C Fuse
2. Heater Circuit Breaker
3. Horn Relay
4. Heater Relay

Fuse/Relay Block No. 4
(Graphic 2)

Behind right kick panel.



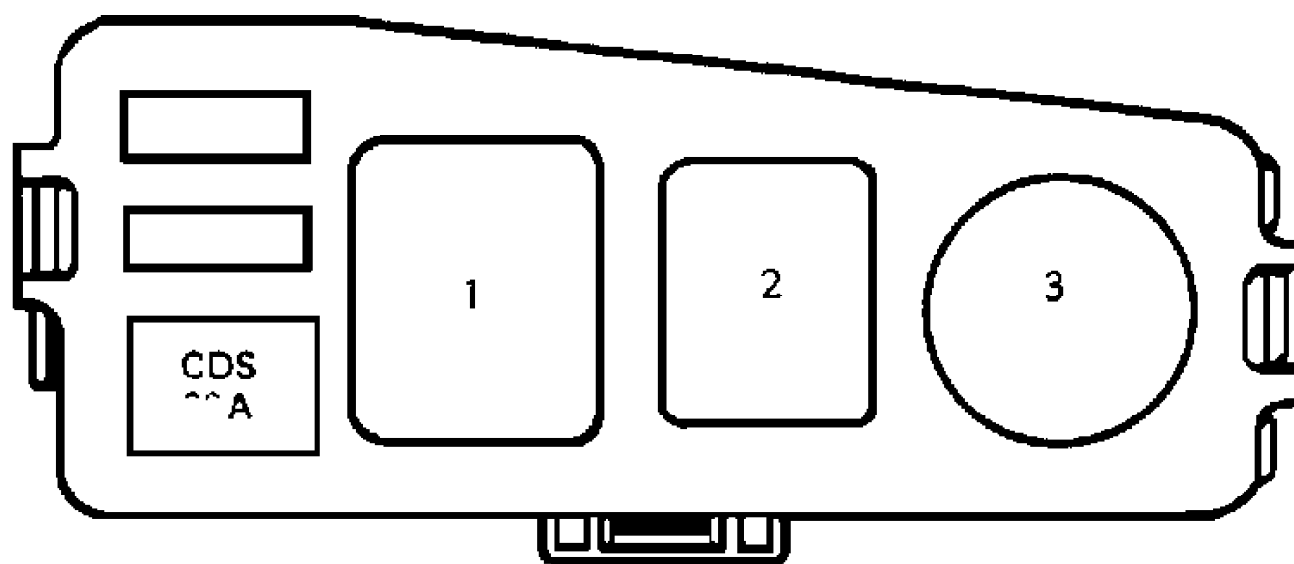
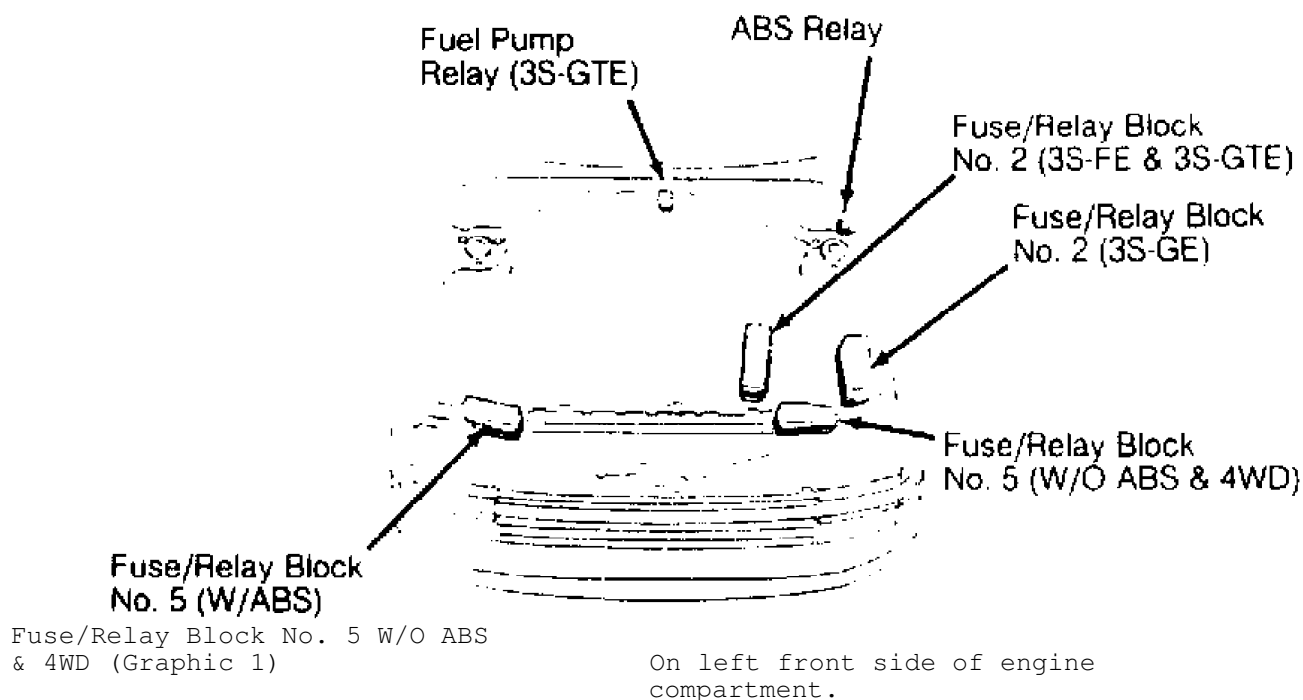
FUSE/RELAY BLOCK NO. 5

1. A/C Fan No. 2 Relay
2. A/C Magnet Clutch Relay
3. A/C Fan No. 3 Relay

33914

Fuse/Relay Block No. 5 W/ABS (Graphic 2)

On right front side of engine compartment.



FUSE/RELAY BLOCK NO. 5

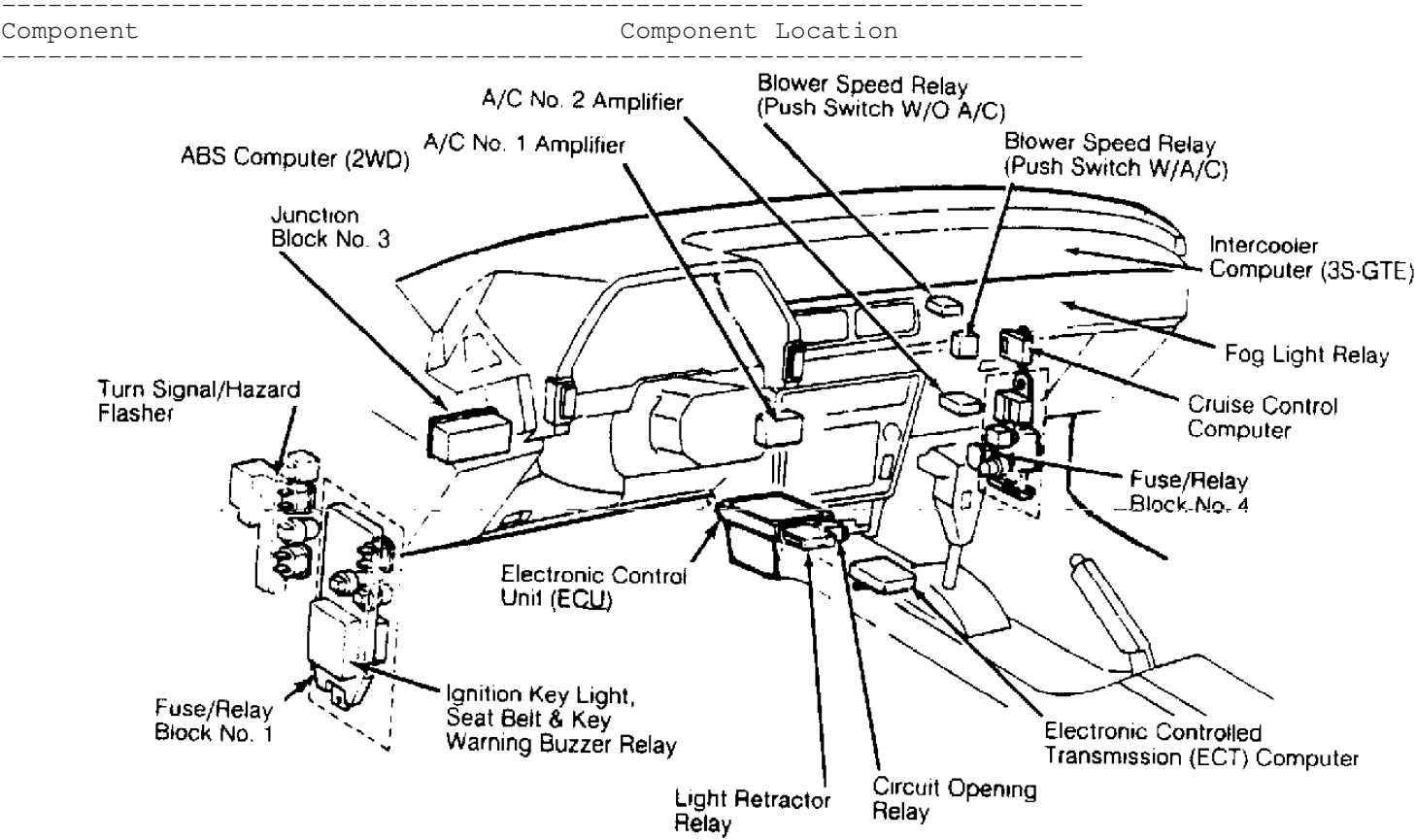
1. A/C Fan No. 2 Relay
2. A/C Magnet Clutch Relay
3. A/C Fan No. 3 Relay

33914

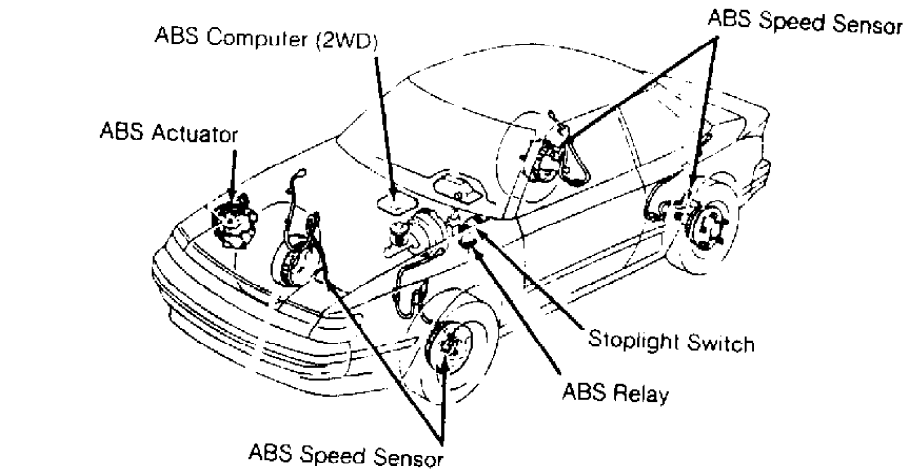
Fuse/Relay Block No. 5 W/O ABS & 4WD (Graphic 2)

On left front side of engine compartment.

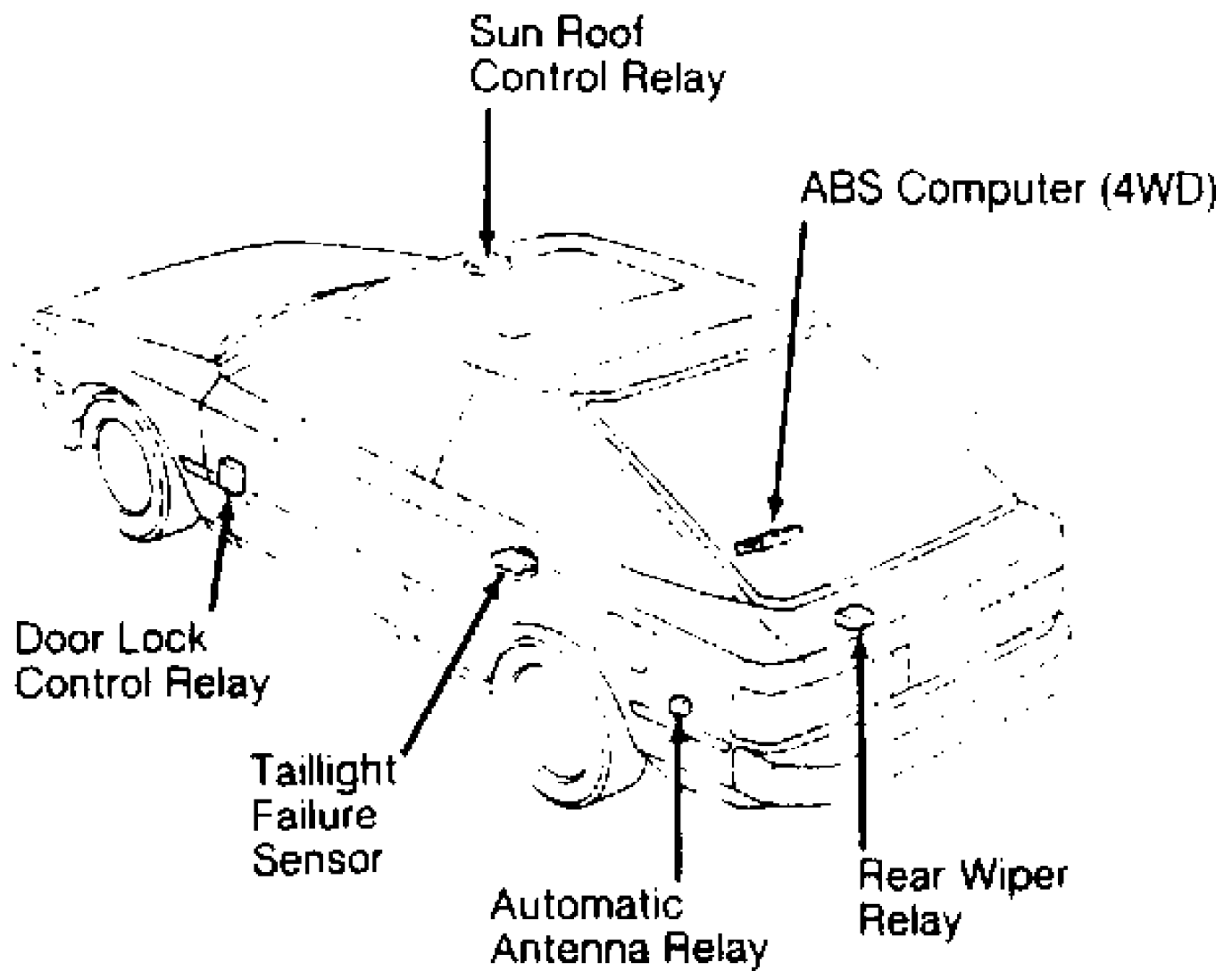
CONTROL UNITS



Anti-Lock Brake System (ABS)
Computer 2WD Models (Graphic 1)

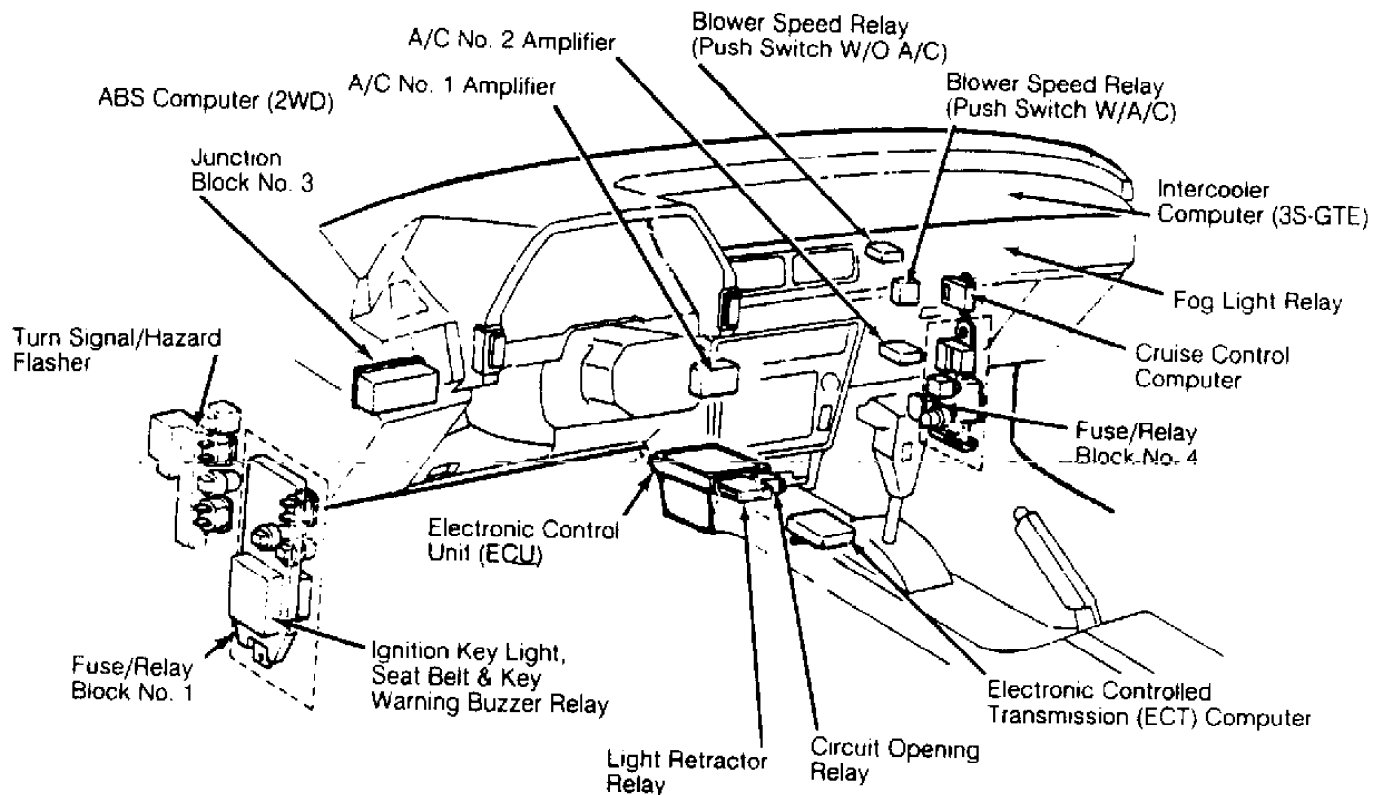


Anti-Lock Brake System (ABS)
Computer 2WD Models (Graphic 2)



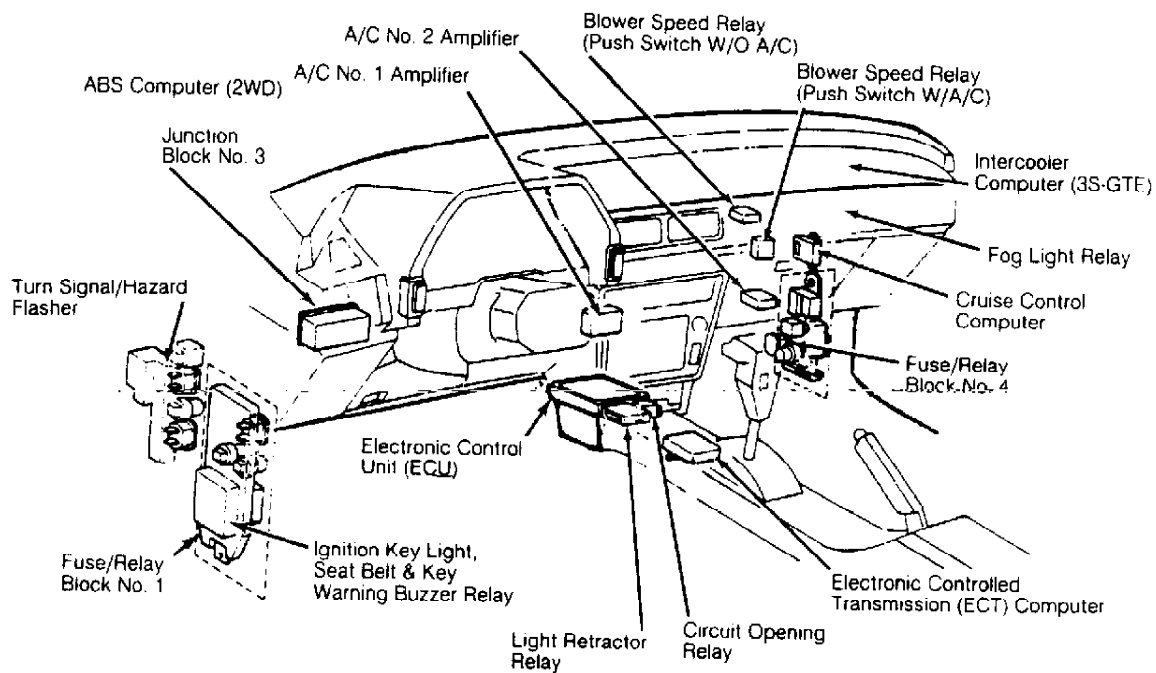
Anti-Lock Brake System (ABS)
Computer 4WD Models

Behind rear seat.



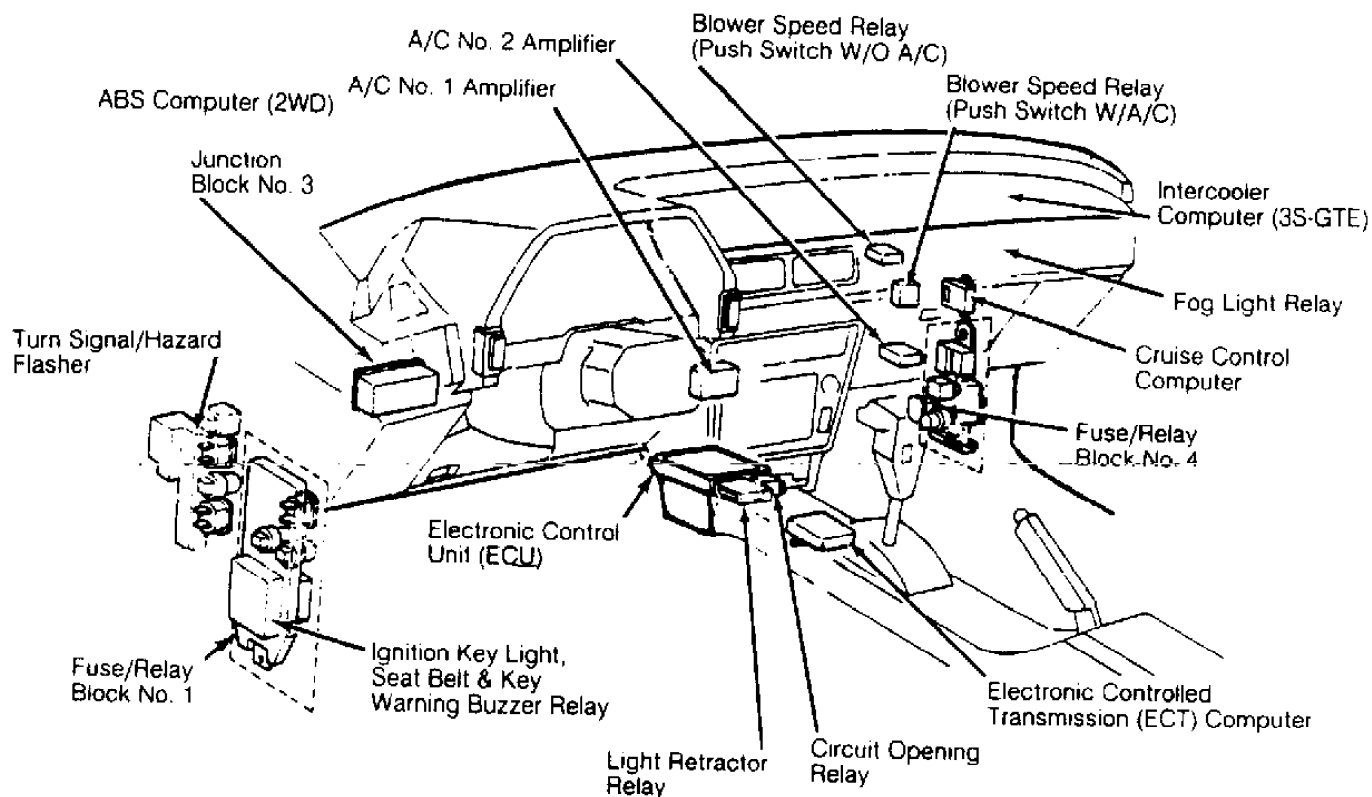
Cruise Control Computer

Behind right kick panel, above fuse/relay block No. 4.



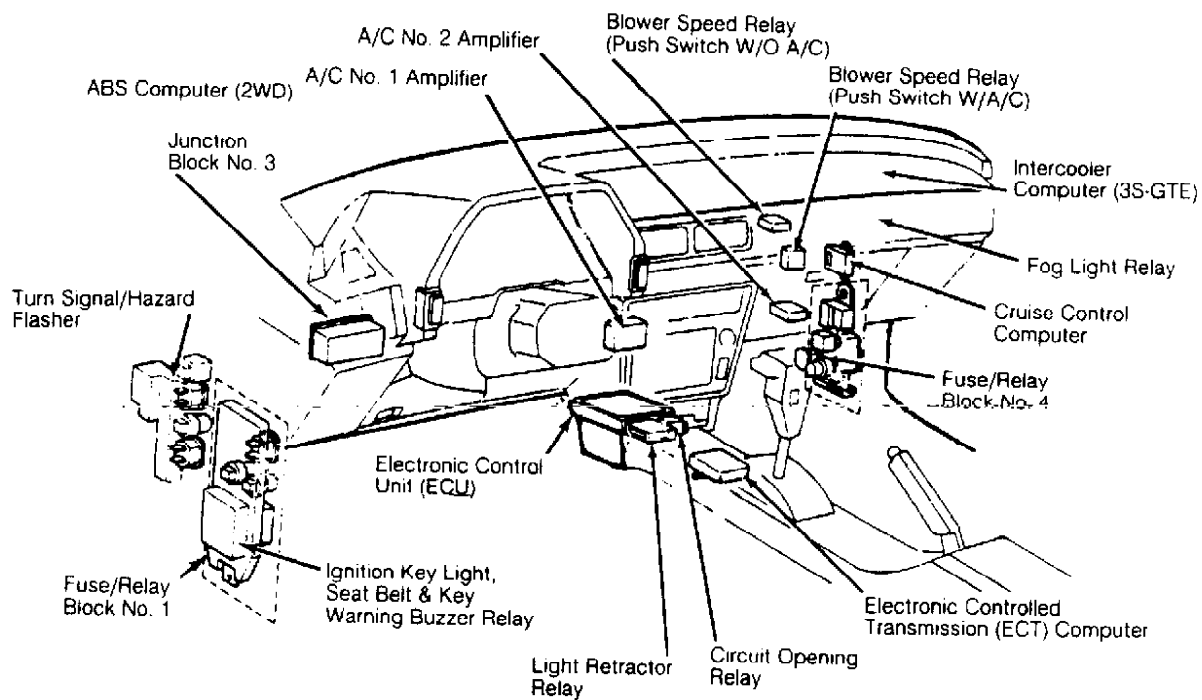
Electronic Controlled Transmission (ECT) Computer

Under center console, near shift lever.



Electronic Control Unit (ECU)

Under center of dash.

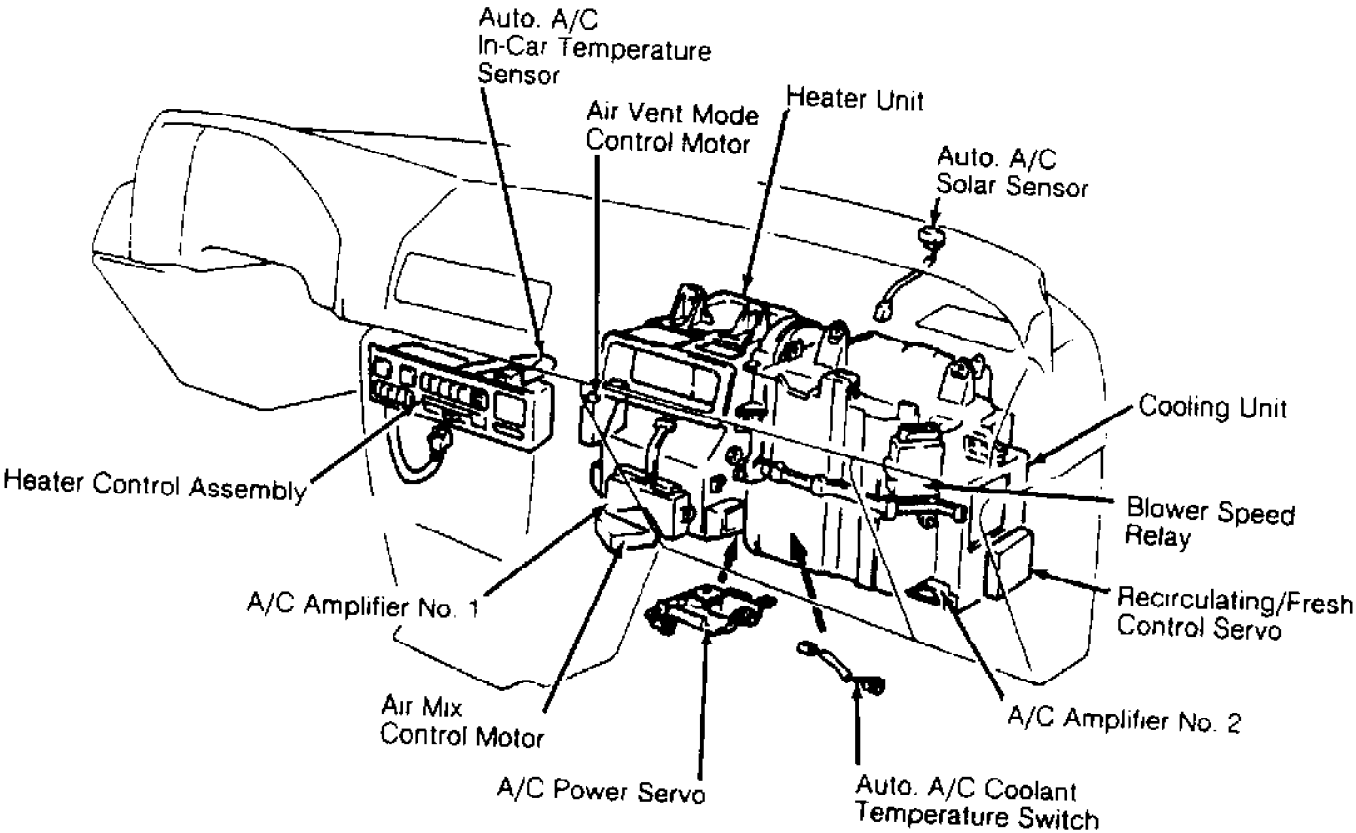


Intercooler Computer (3S-GTE)

Under right side of dash.

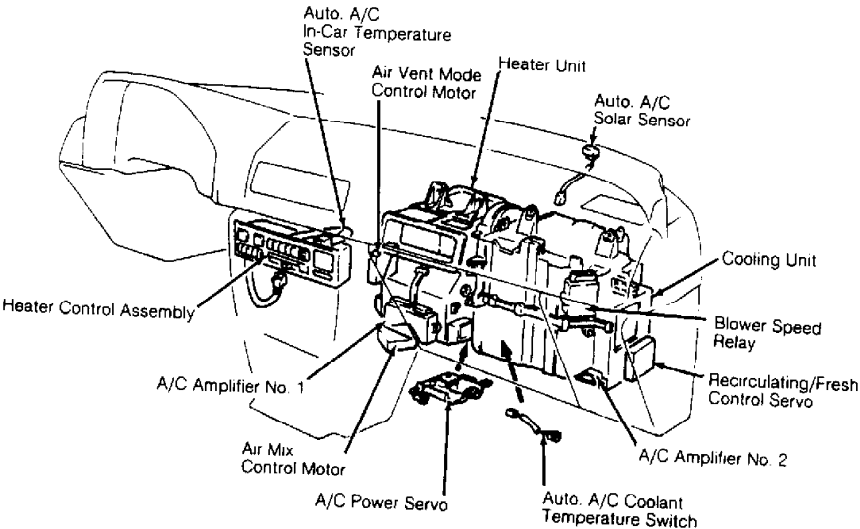
MOTORS

Component	Component Location
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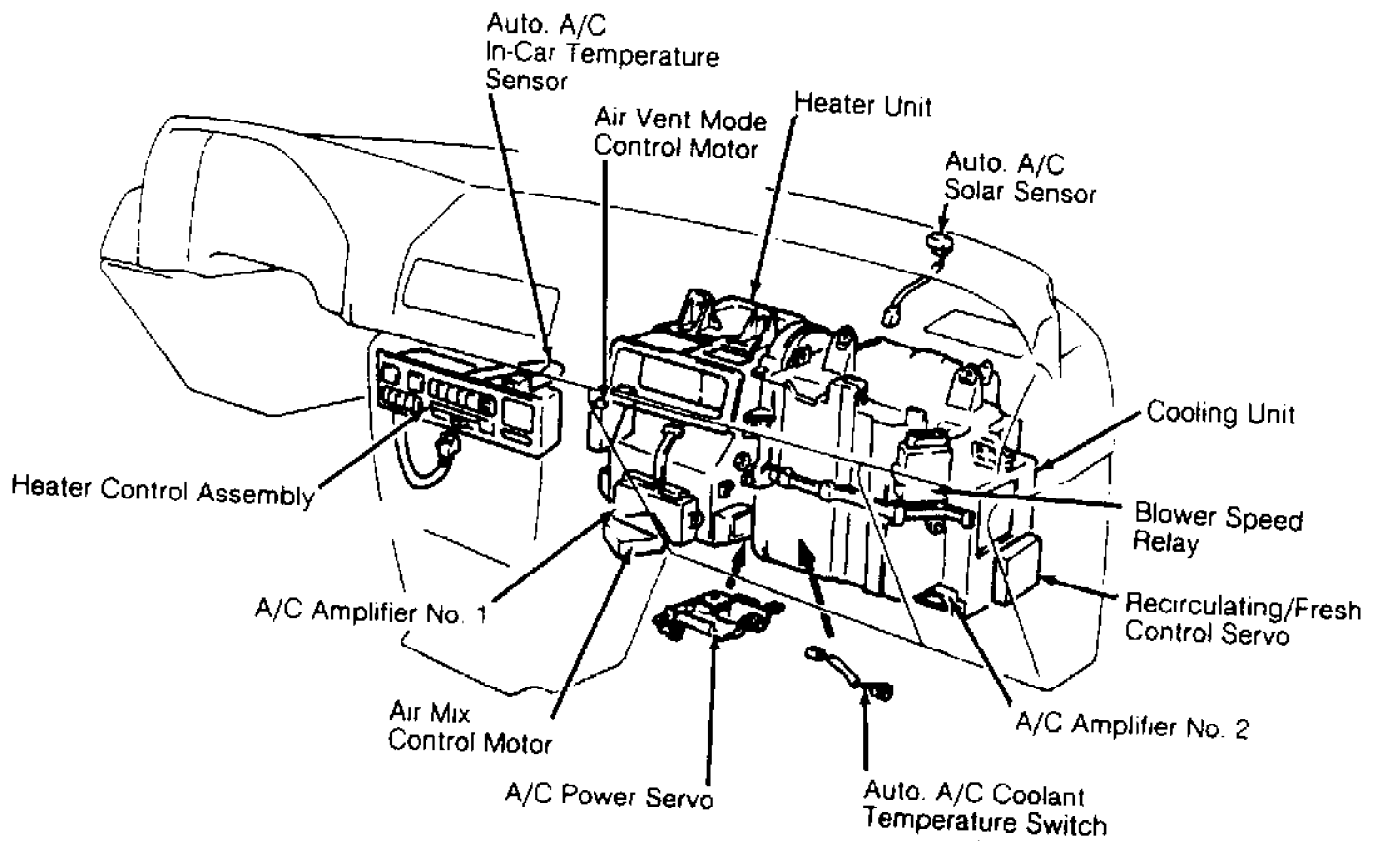
A/C Power Servo

Under center of dash, on A/C unit.



Air Mix Control Motor

Under center of dash, on A/C unit.



Air Vent Mode Control Motor

Under center of dash, on A/C unit.

Blower Motor

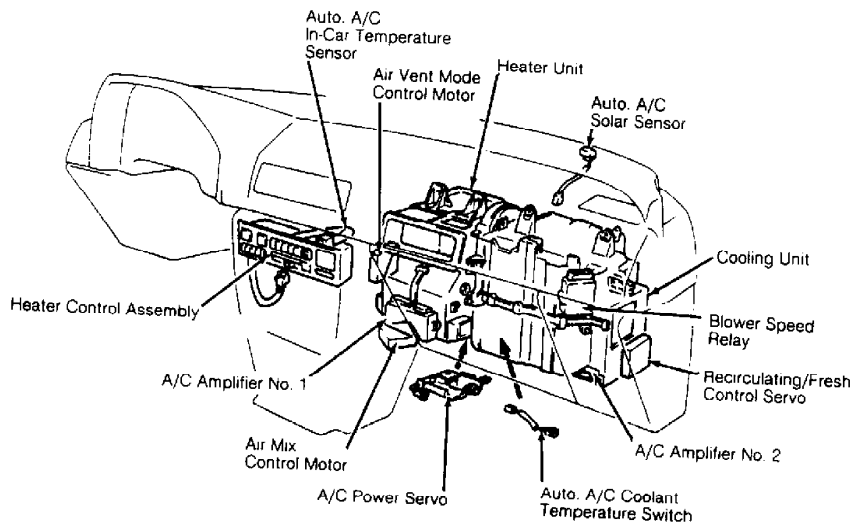
On bottom of blower motor housing.

Fuel Pump Motor

In fuel tank.

Headlight Retract Motors

On radiator side of each headlight.



Recirculating/Fresh Control Servo

Under center of dash, on A/C

unit.

Window Washer Motor

On right front corner of engine compartment.

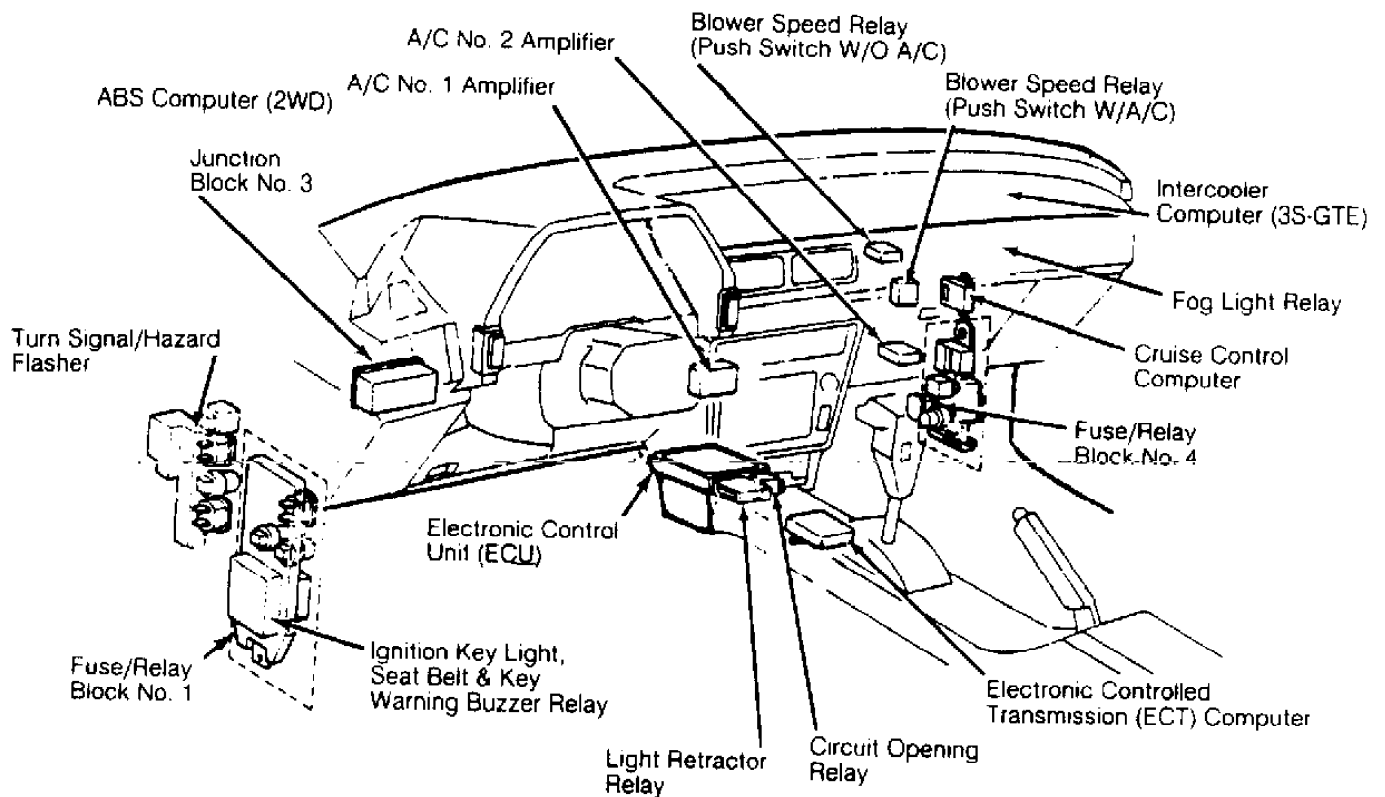
Windshield Wiper Motor

On right rear corner of engine compartment.

SENDING UNITS & SENSORS

Component

Component Location



ABS Speed Sensor

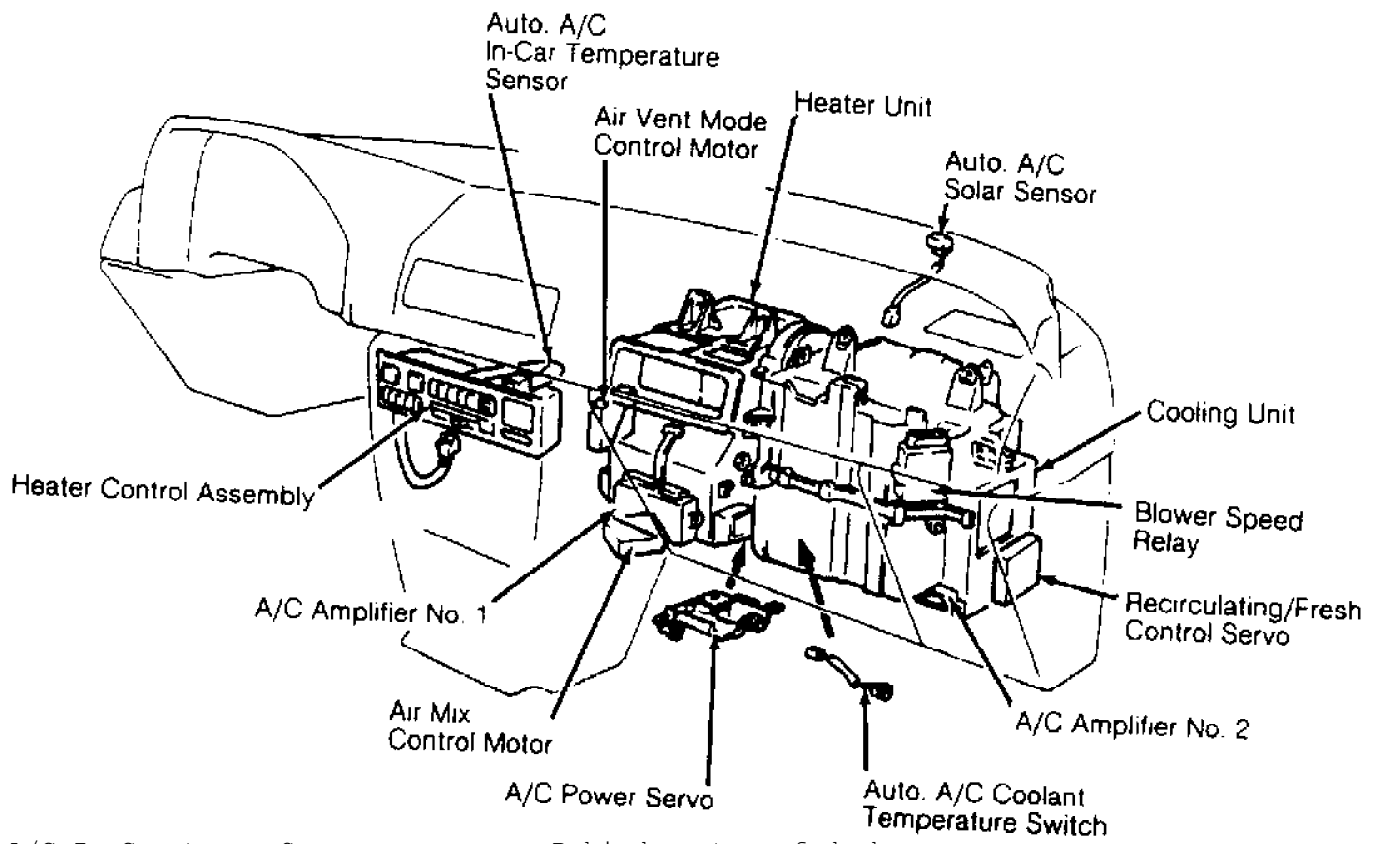
One in each wheel hub.

A/T Speed Sensors

The No. 1 is on speedometer and No. 2 on rear of transaxle.

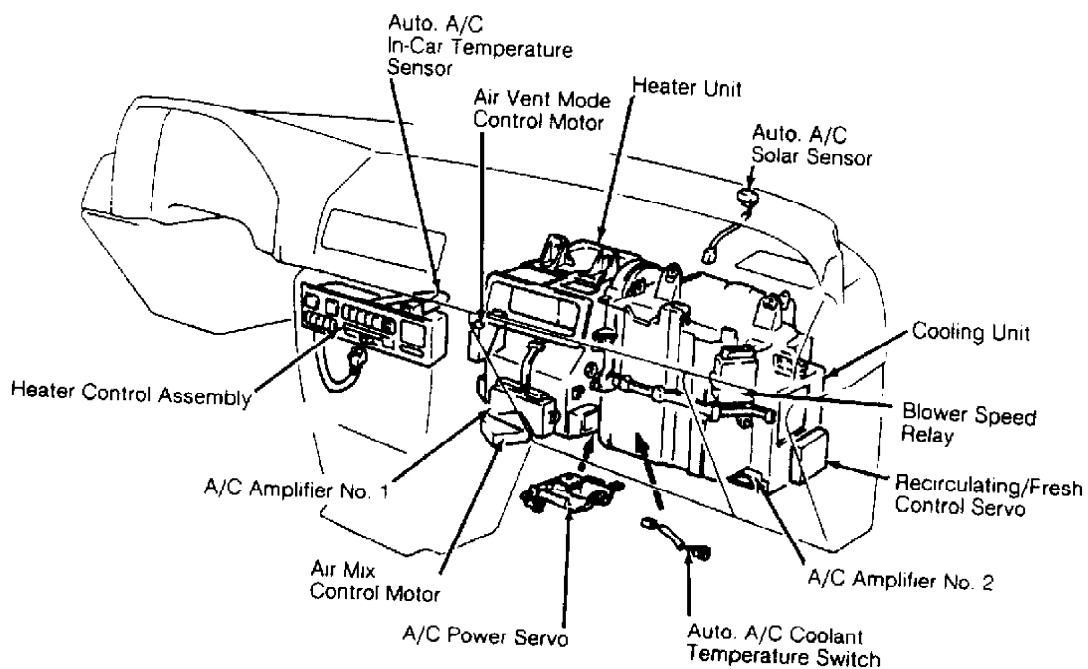
Auto. A/C Ambient Temp. Sensor

On front grille of vehicle, near hood latch.



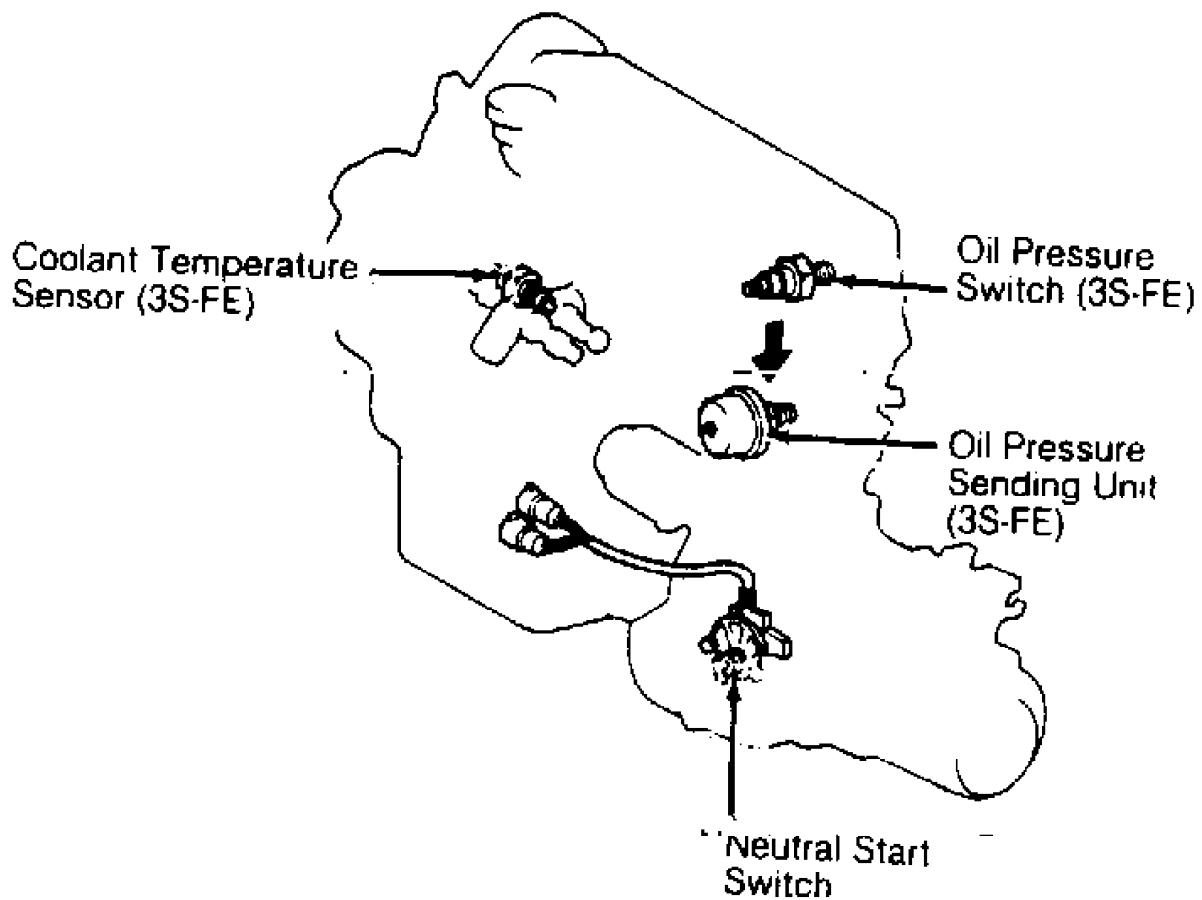
Auto. A/C In-Car temp. Sensor

Behind center of dash.



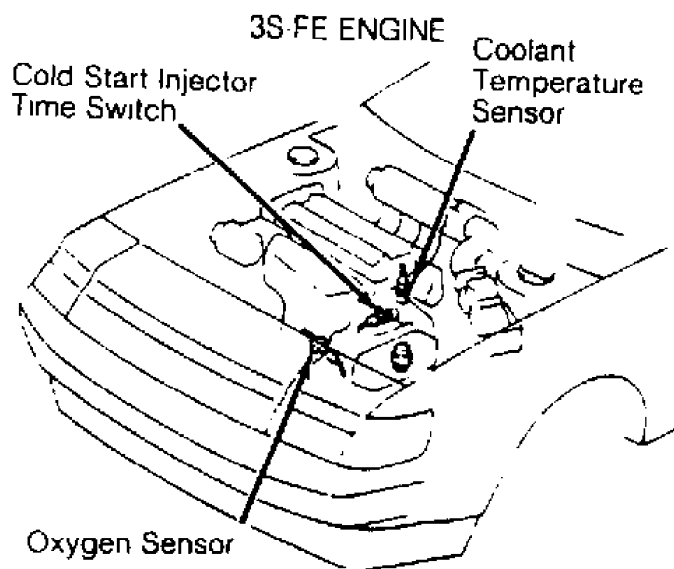
Auto. A/C Solar Sensor

On top of right side of dash.



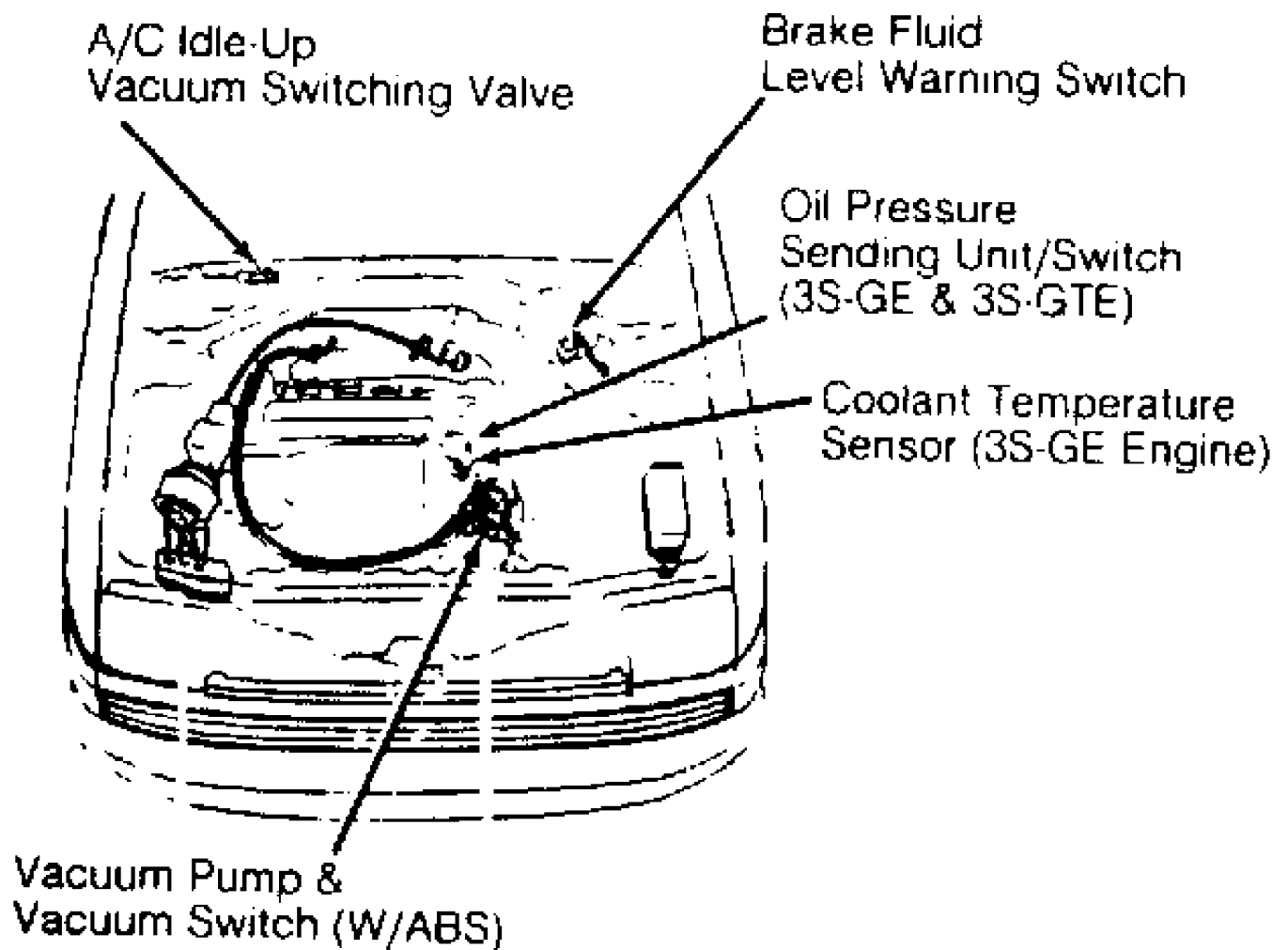
Coolant Temperature Sensor (3S-FE) (Graphic 1)

On coolant outlet flange.



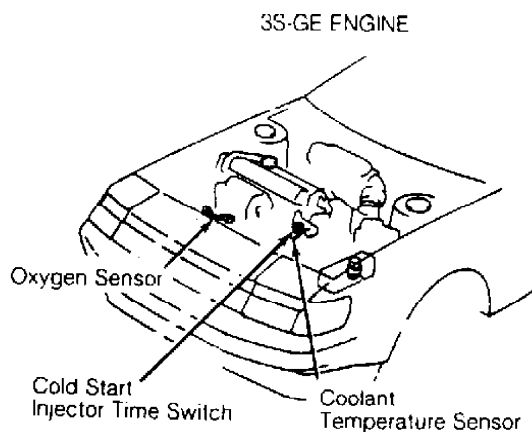
Coolant Temperature Sensor (3S-FE) (Graphic 2)

On coolant outlet flange.



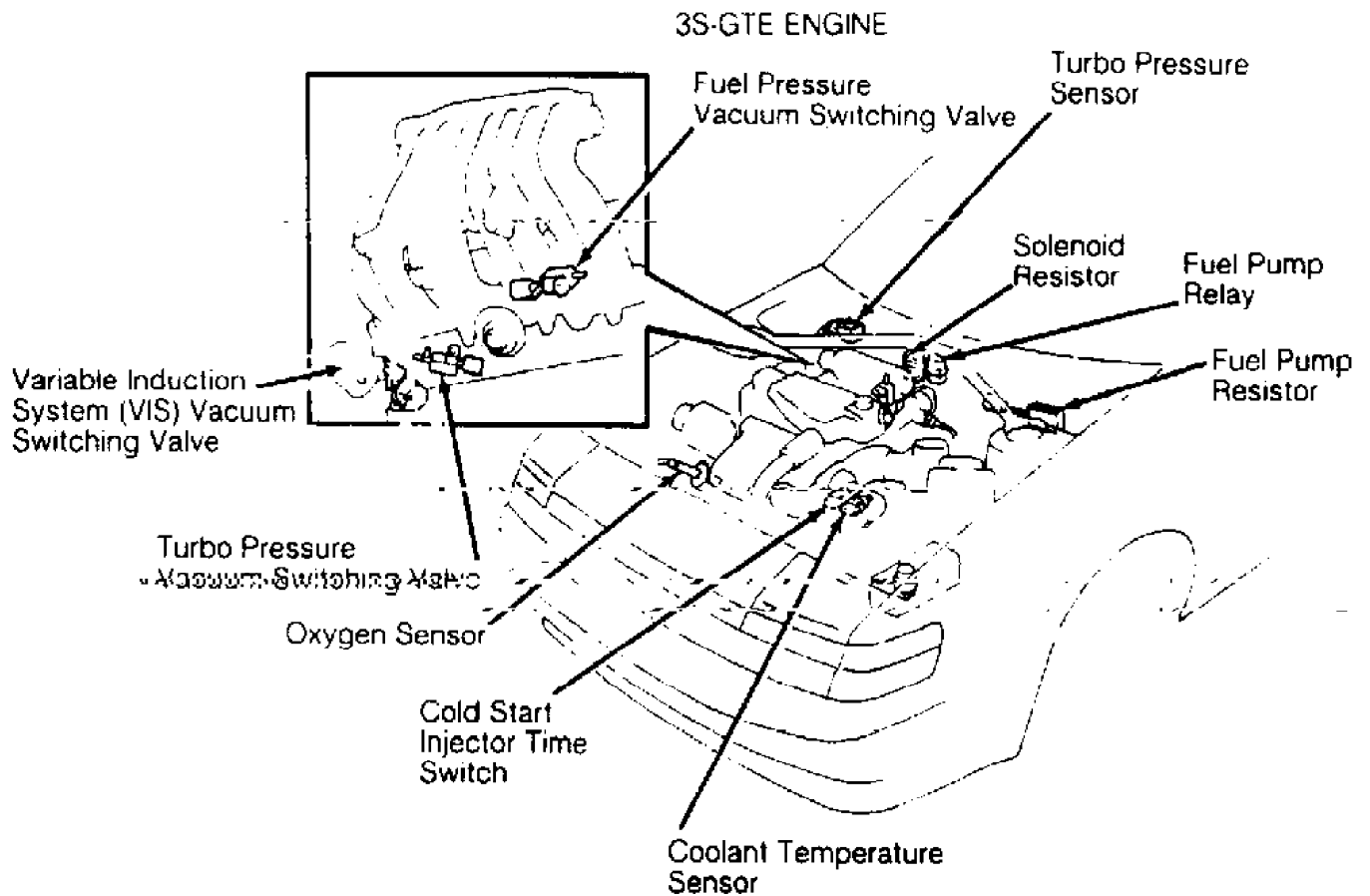
Coolant Temperature Sensor
(3S-GE) (Graphic 1)

On rear of engine, on coolant outlet flange.



Coolant Temperature Sensor
(3S-GE) Graphic 2

On rear of engine, on coolant outlet flange.



Coolant Temperature Sensor
(3S-GTE)

On rear of engine, on coolant outlet flange.

Coolant Level Sensor (3S-GTE)

Mounted on top of intercooler.

Deceleration Sensor (4WD)

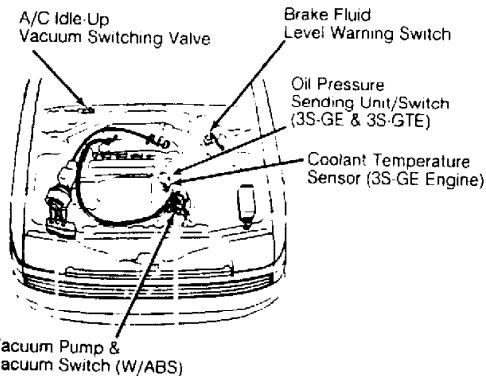
Behind rear seat, near ABS computer.

EGR Gas Temp. Sensor (Calif.)

Mounted on side of EGR valve.

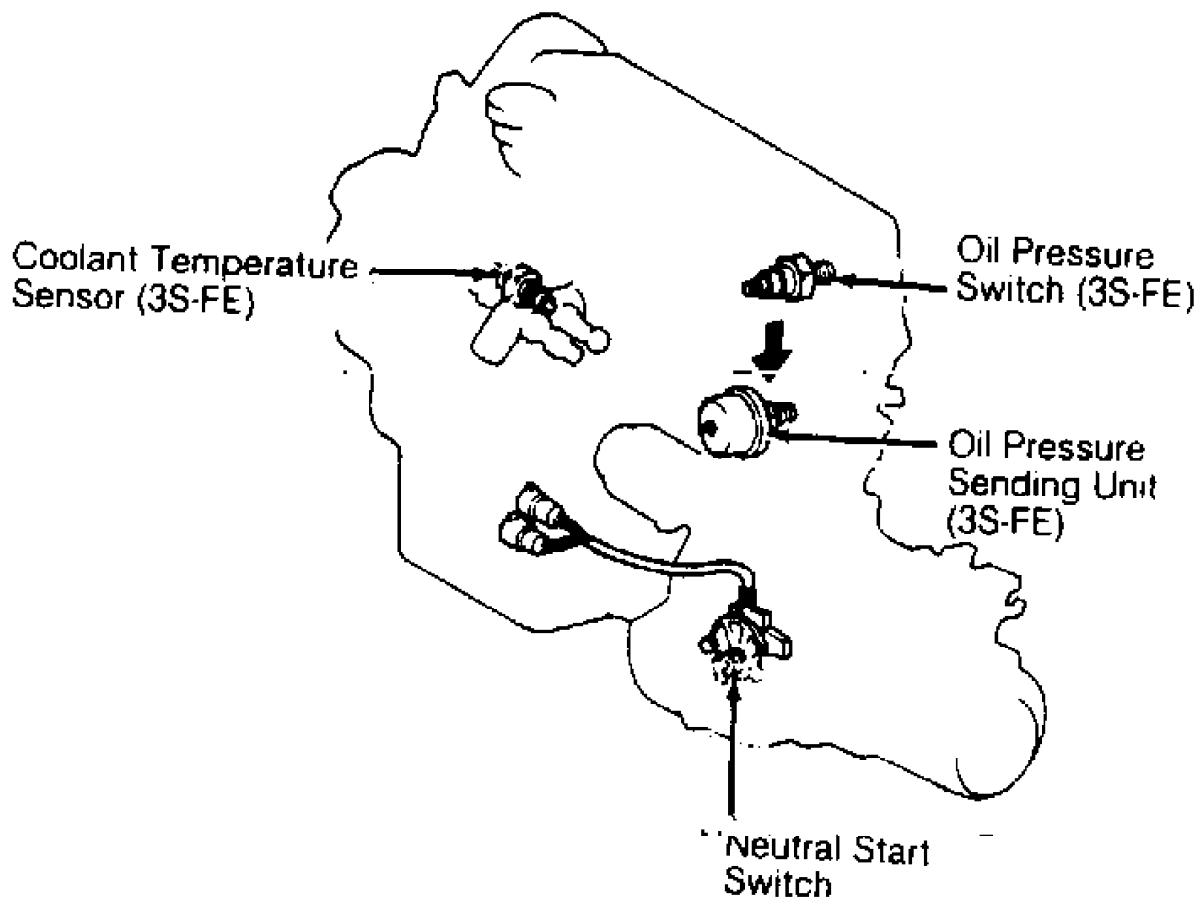
Knock Sensor (3S-GTE)

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



Oil Pressure Sending Unit
(3S-GE & 3S-GTE)

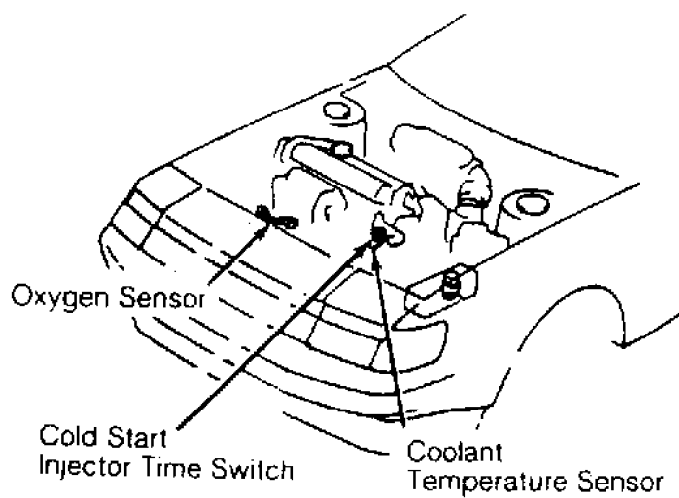
On left side of engine.



Oil Pressure Sending Unit
(3S-FE)

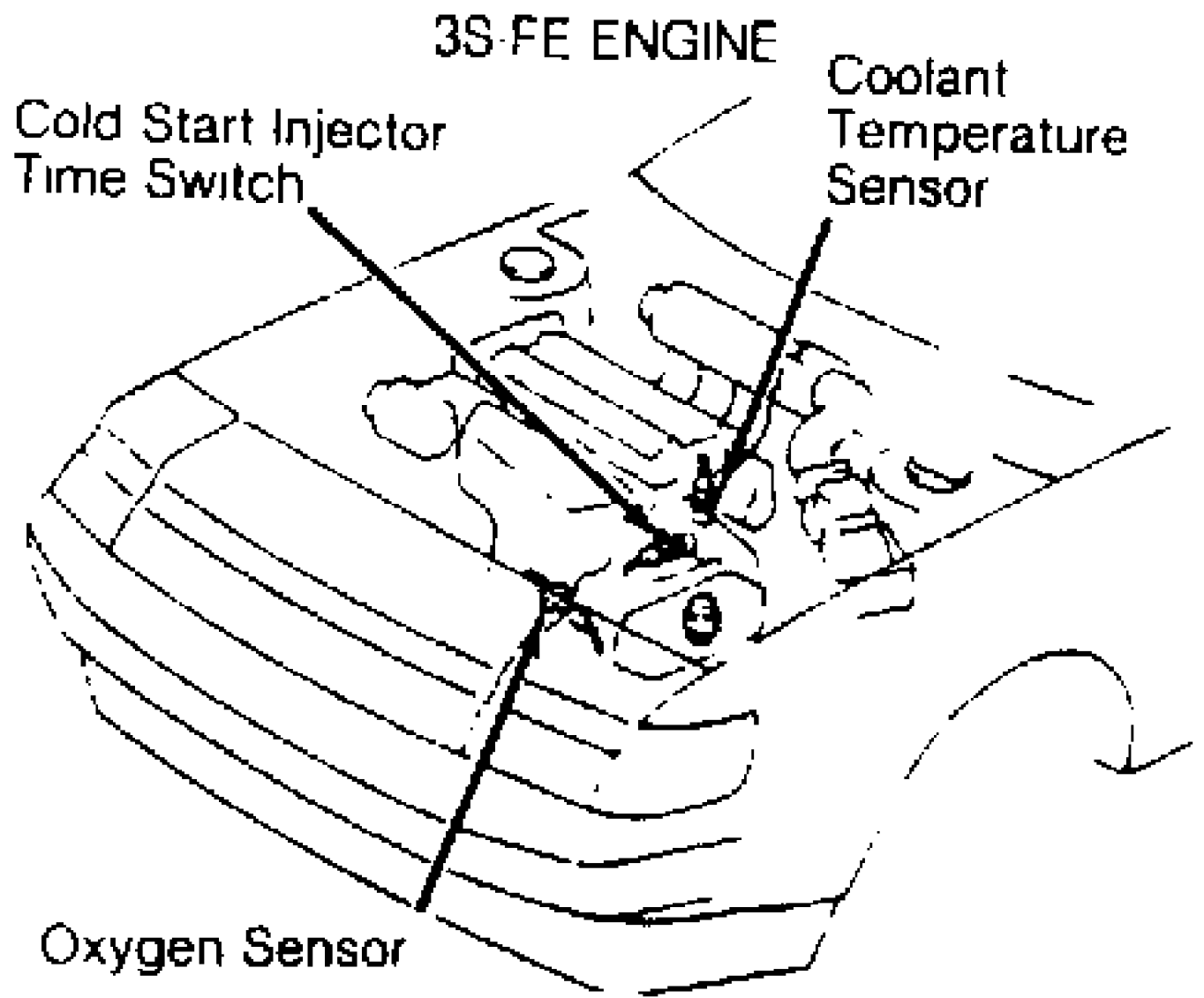
On left side of engine.

3S-GE ENGINE



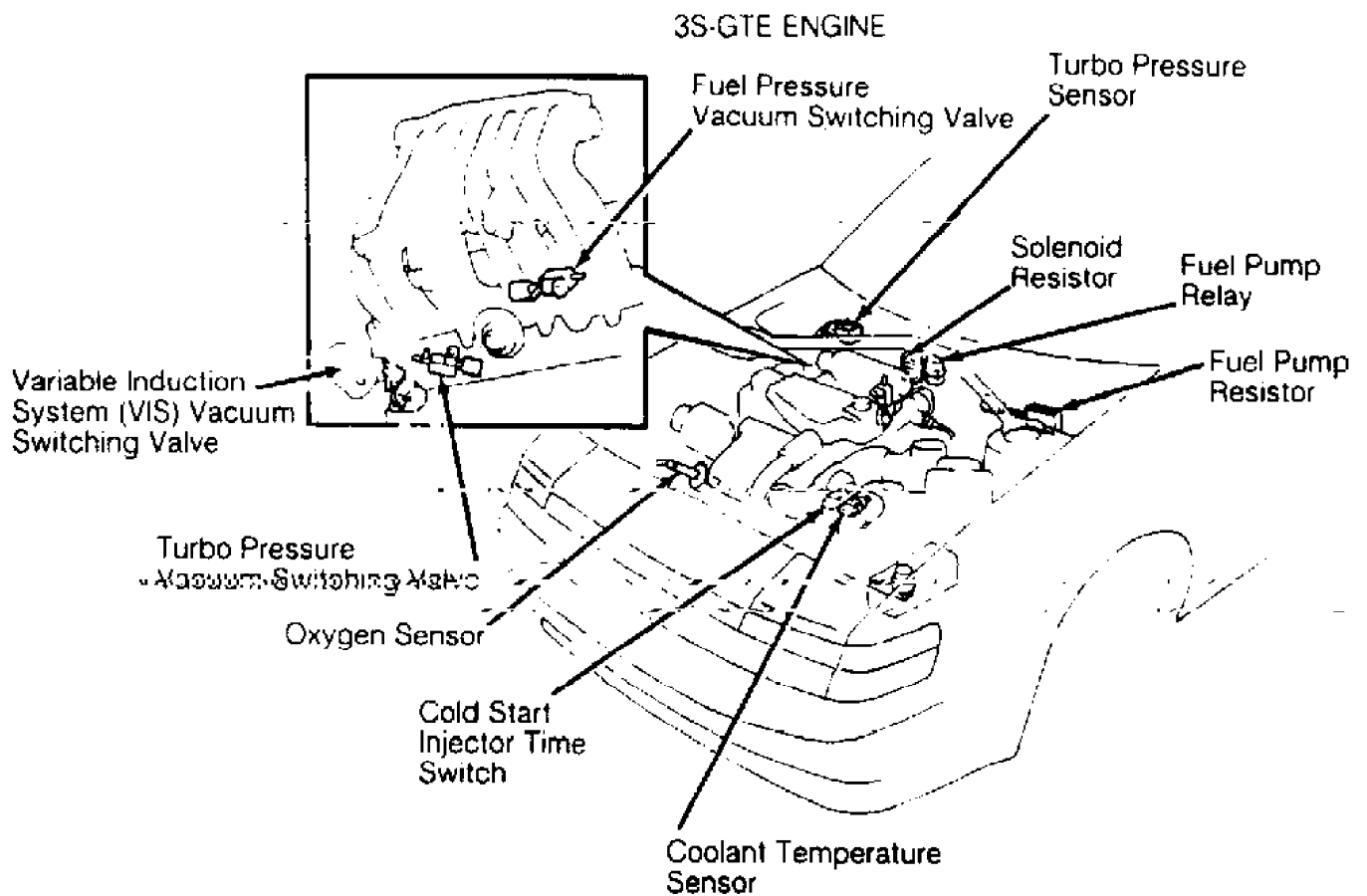
Oxygen Sensor (3S-GE)

In exhaust manifold.



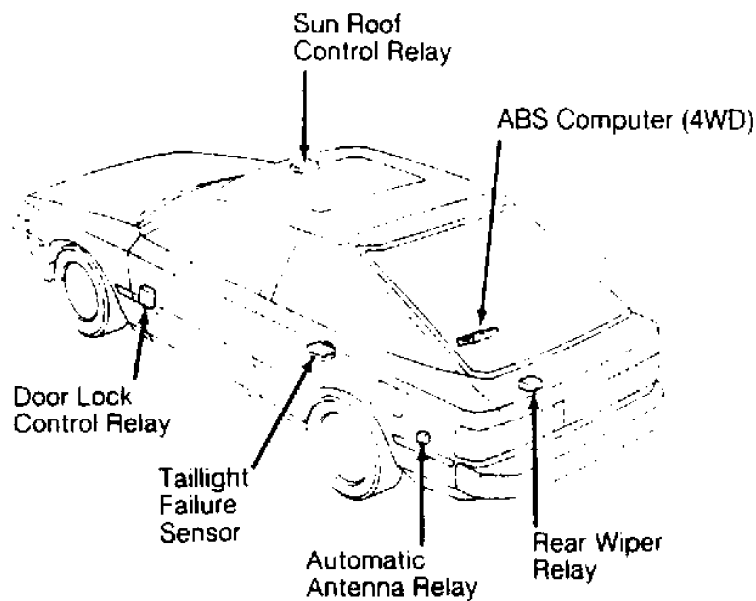
Oxygen Sensor (3S-FE)

In exhaust manifold.



Oxygen Sensor (3S-GTE)

In exhaust manifold.

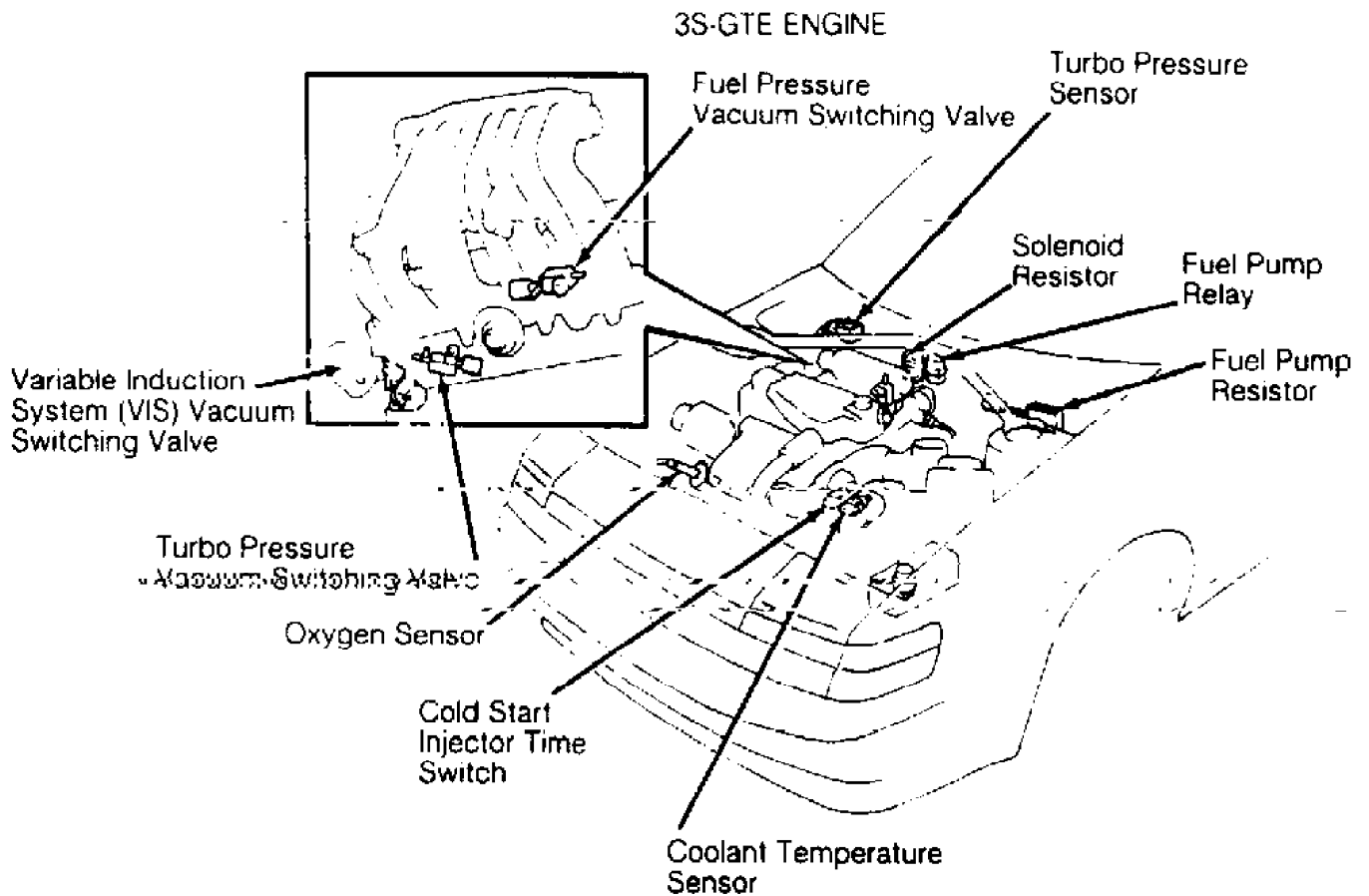


Taillight Failure Sensor

Above rear left wheelwell.

Throttle Position Sensor

On throttle body housing.



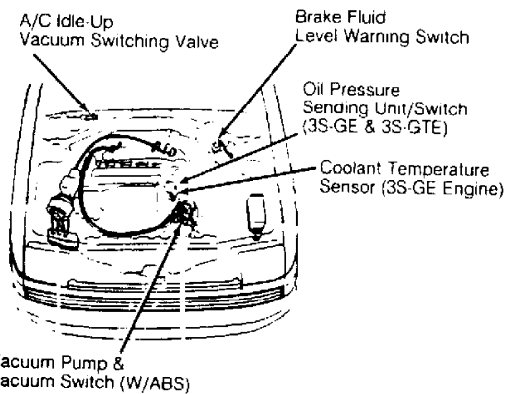
Turbo Pressure Sensor (3S-GTE)

On left rear corner of engine compartment.

SOLENOIDS & SOLENOID VALVES

Component

Component Location



A/C Idle-Up VSV

On firewall, near windshield wiper motor.

A/T No. 1 & No. 2 Solenoids

On transaxle valve body.A/T

Lock-Up Solenoid

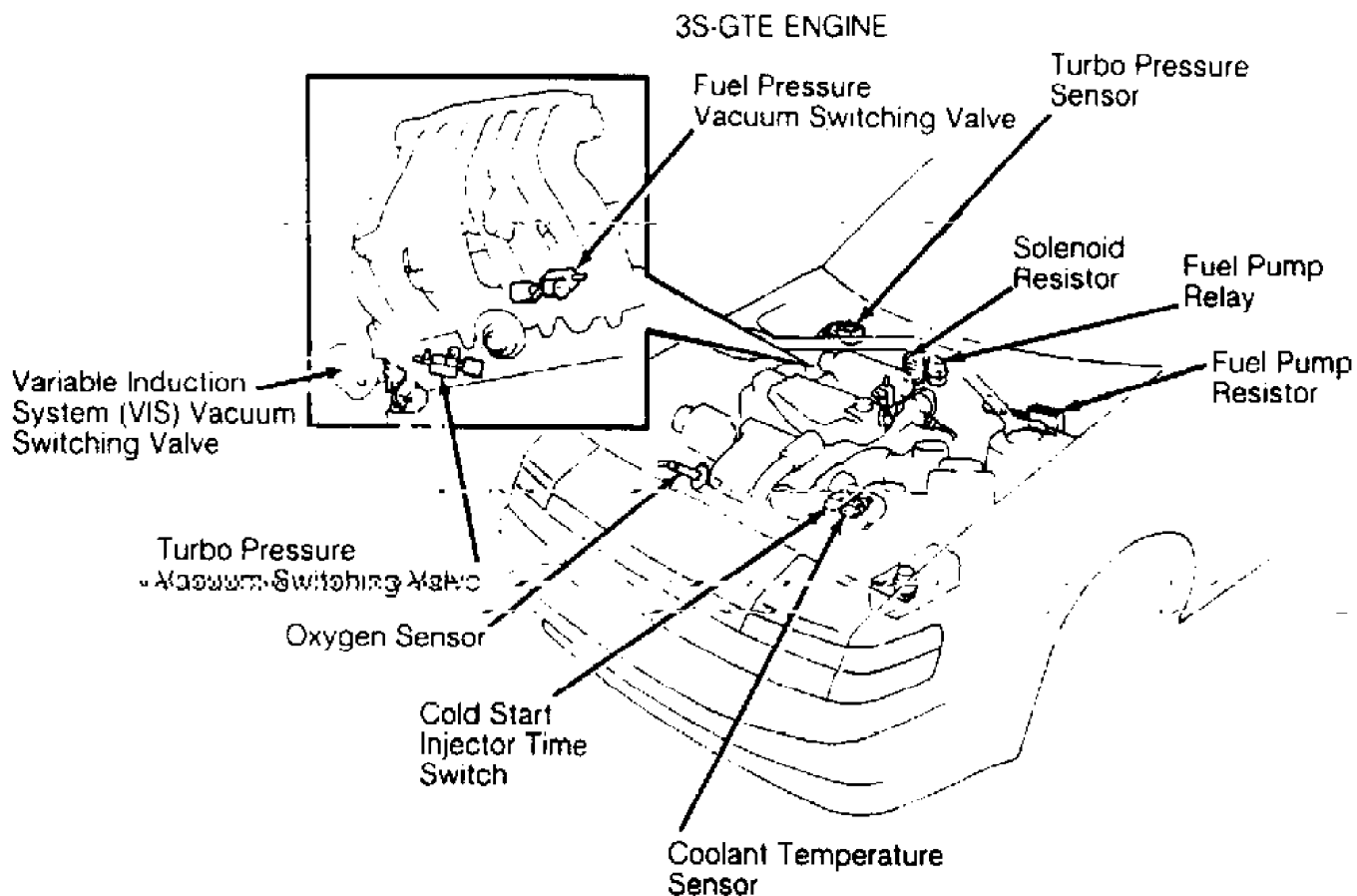
On transaxle case, near oil filler tube.

Door Lock Solenoid

Inside door, behind door panel.

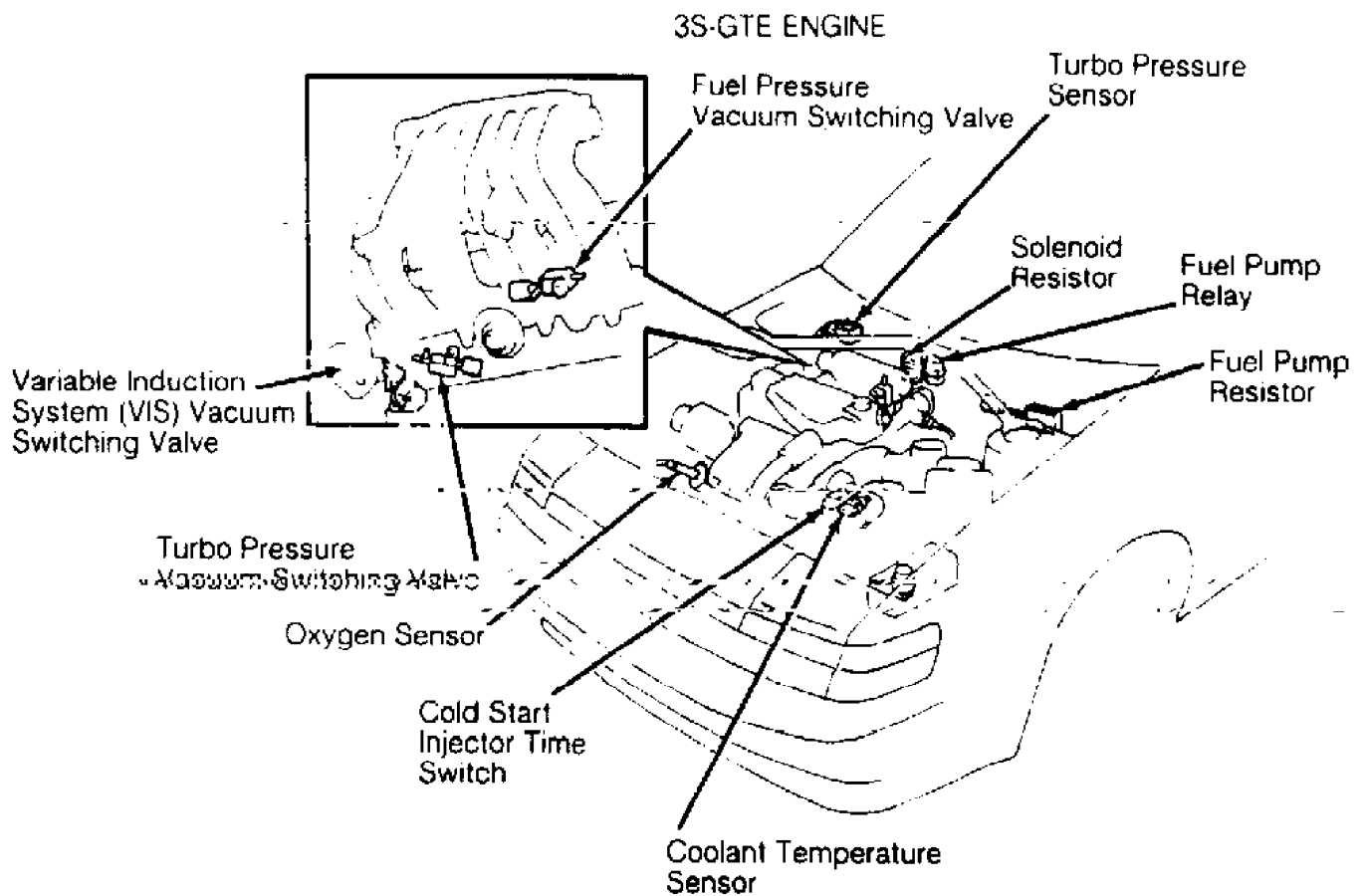
EGR VSV (3S-GTE)

In front of EGR vacuum modulator.



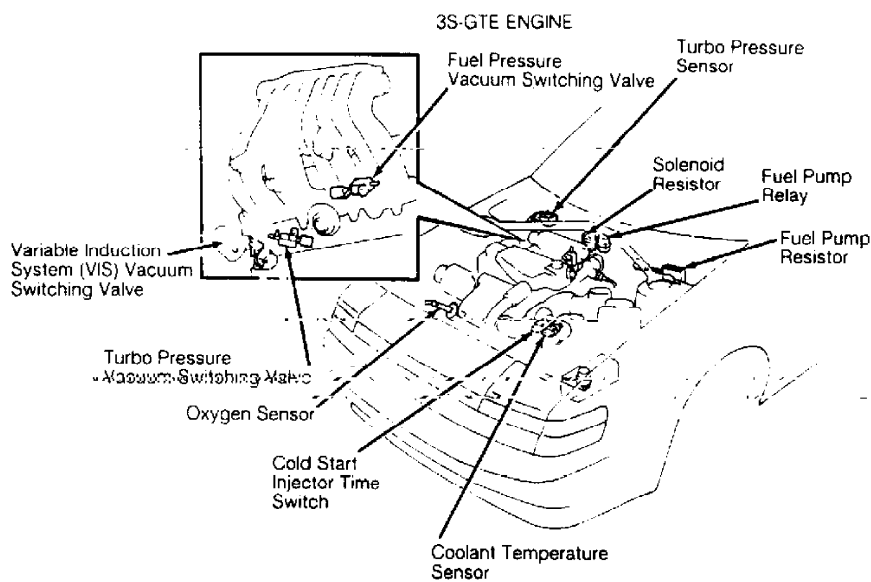
Fuel Pressure VSV (3S-GTE)

On lower side of intake manifold.



Turbo Pressure VSV

On lower side of intake manifold.

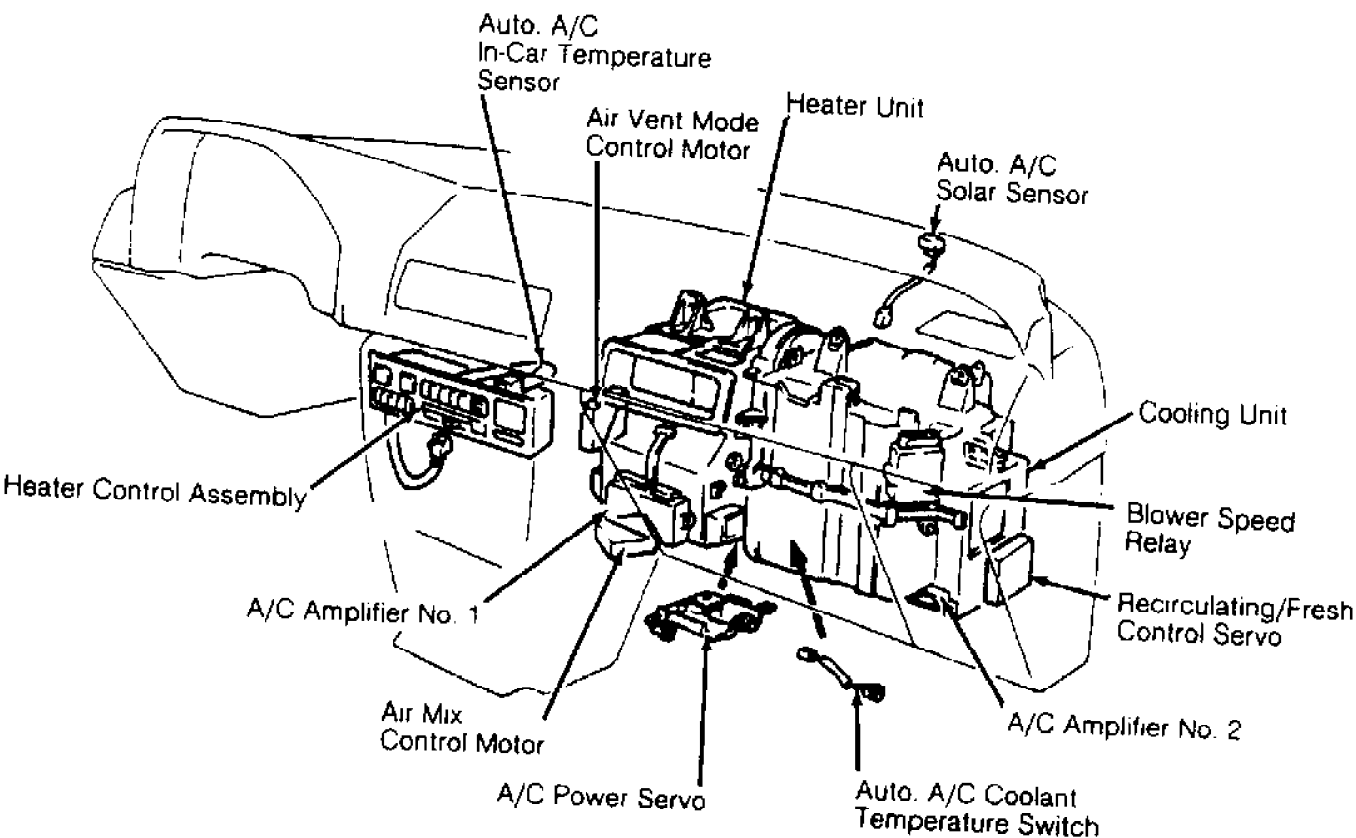


VIS VSV (3S-GTE)

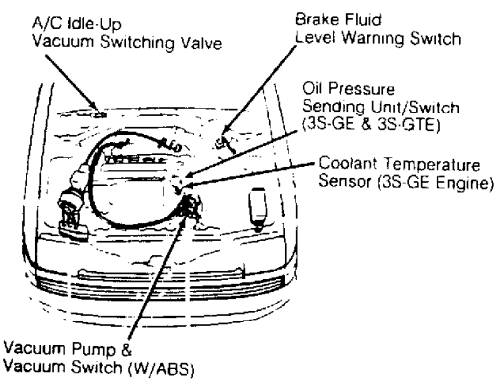
On lower side of intake manifold.

SWITCHES

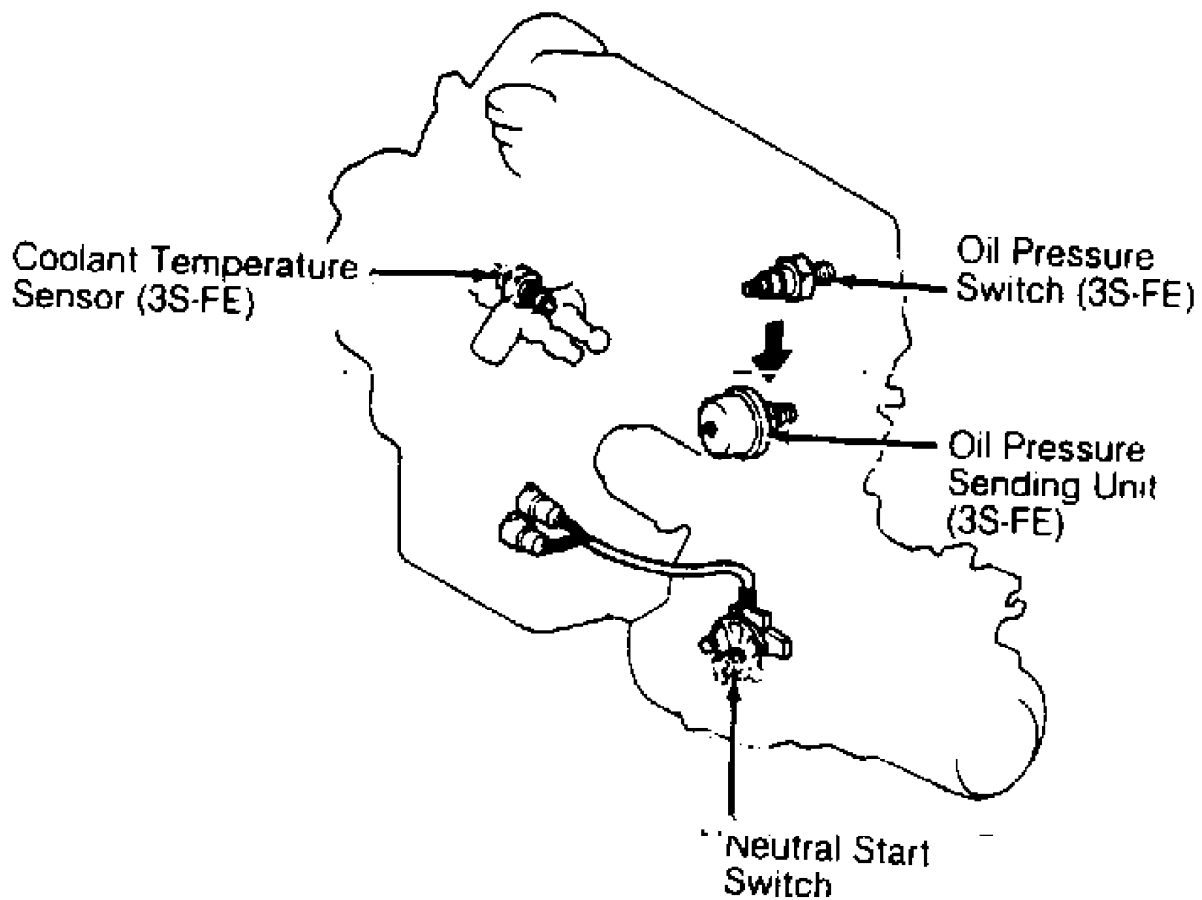
Component	Component Location
A/C Pressure Switches	On A/C line, in right rear corner of engine compartment.



Auto. A/C Coolant Temp. Switch	Under heater core.
Back-Up Light Switch (M/T)	On top of transaxle.

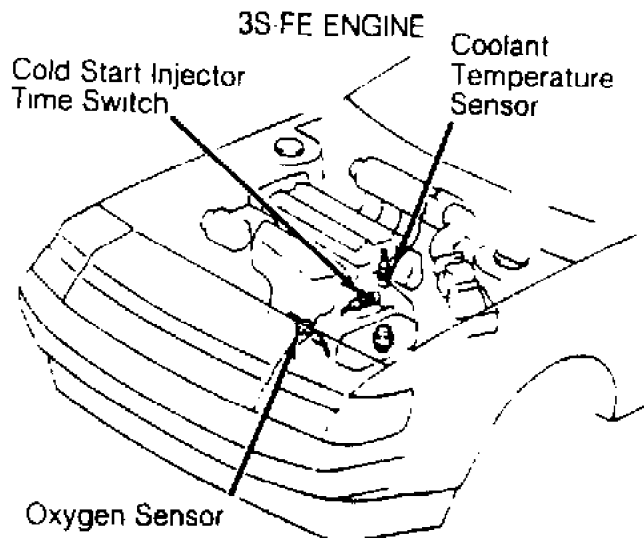


Brake Fluid Level Warning Switch	On bottom of brake fluid reservoir cap.
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Cold Start Injector Time Switch
(3E-FE) (Graphic 1)

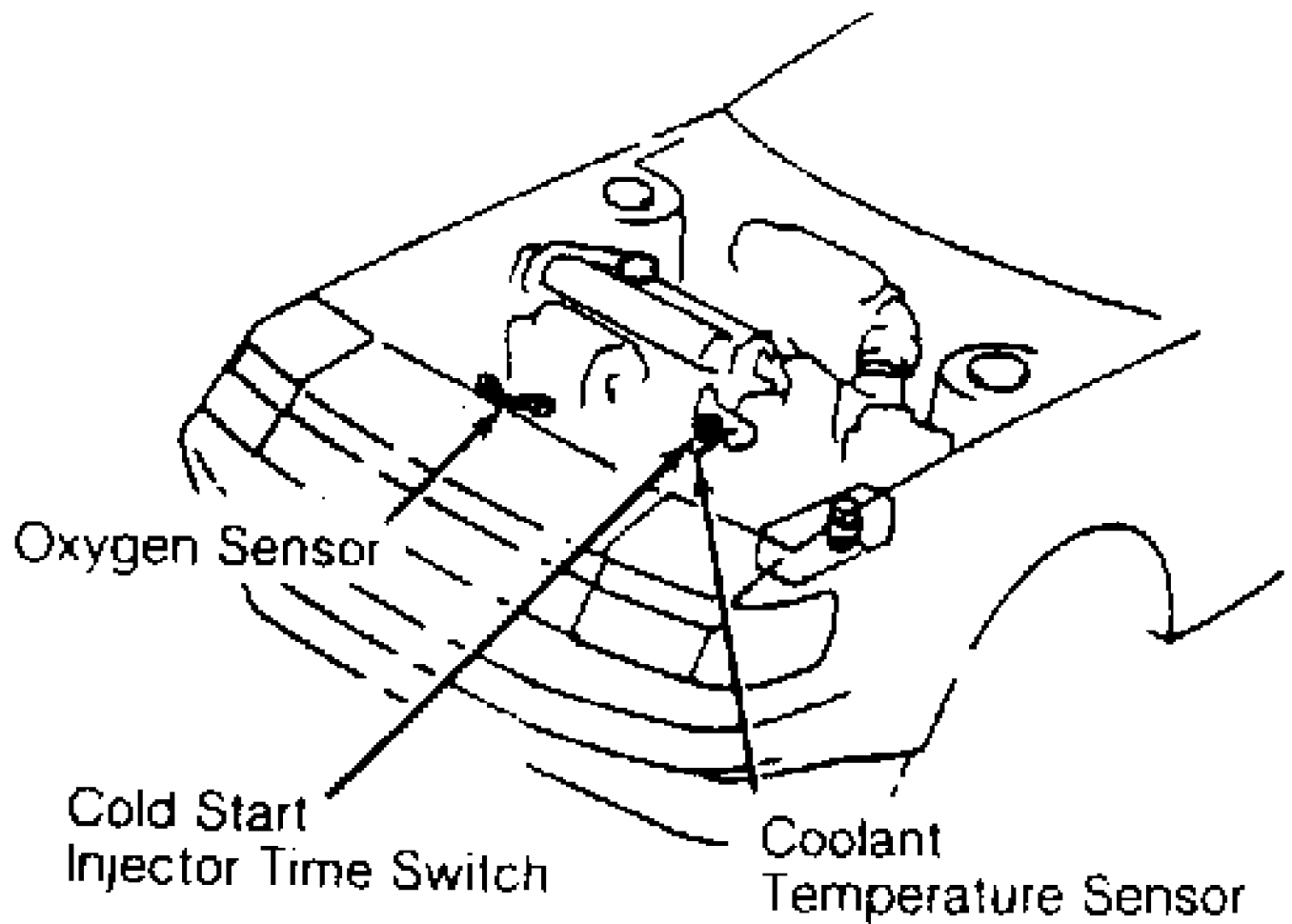
On rear of engine, on coolant
outlet.



Cold Start Injector Time Switch
(3E-FE) (Graphic 2)

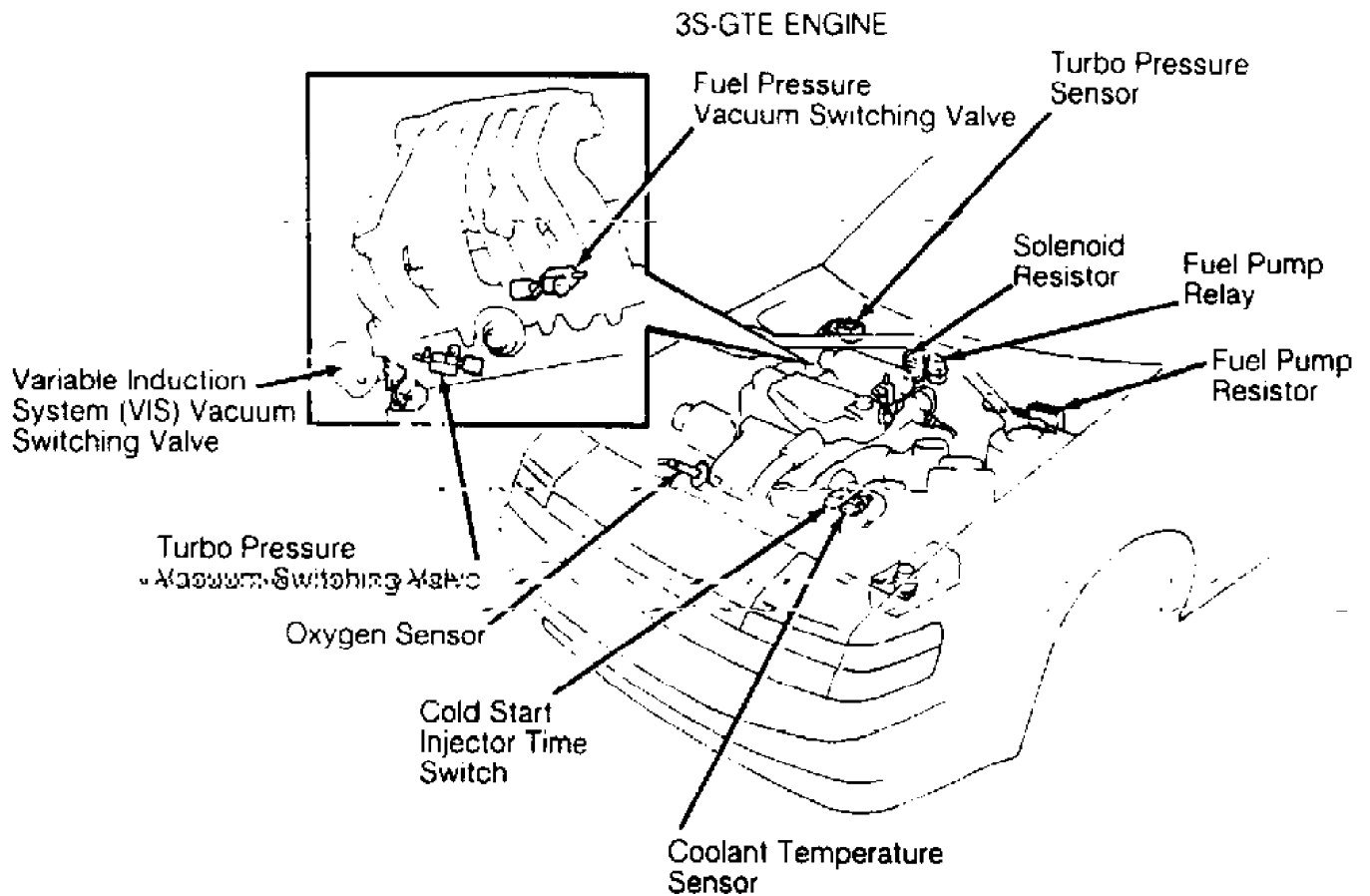
On rear of engine, on coolant
outlet.

3S-GE ENGINE



Cold Start Injector Time Switch
(3E-GE)

On rear of engine, on coolant
outlet.



Cold Start Injector Time Switch
(3E-GTE)

On rear of engine, on coolant outlet.

Cruise Control Brake Switch

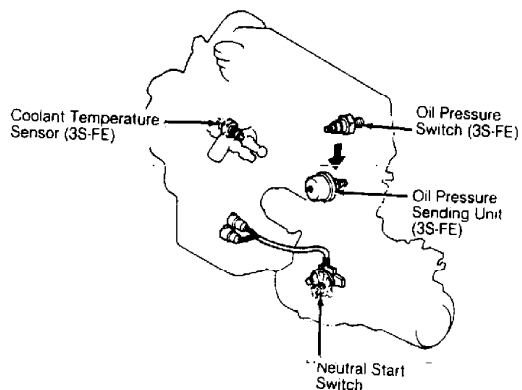
On brake pedal bracket.

Cruise Control Clutch Switch (M/T)

On clutch pedal bracket.

ECT Pattern Select Switch

At base of shift lever.



Neutral Start Switch (A/T)

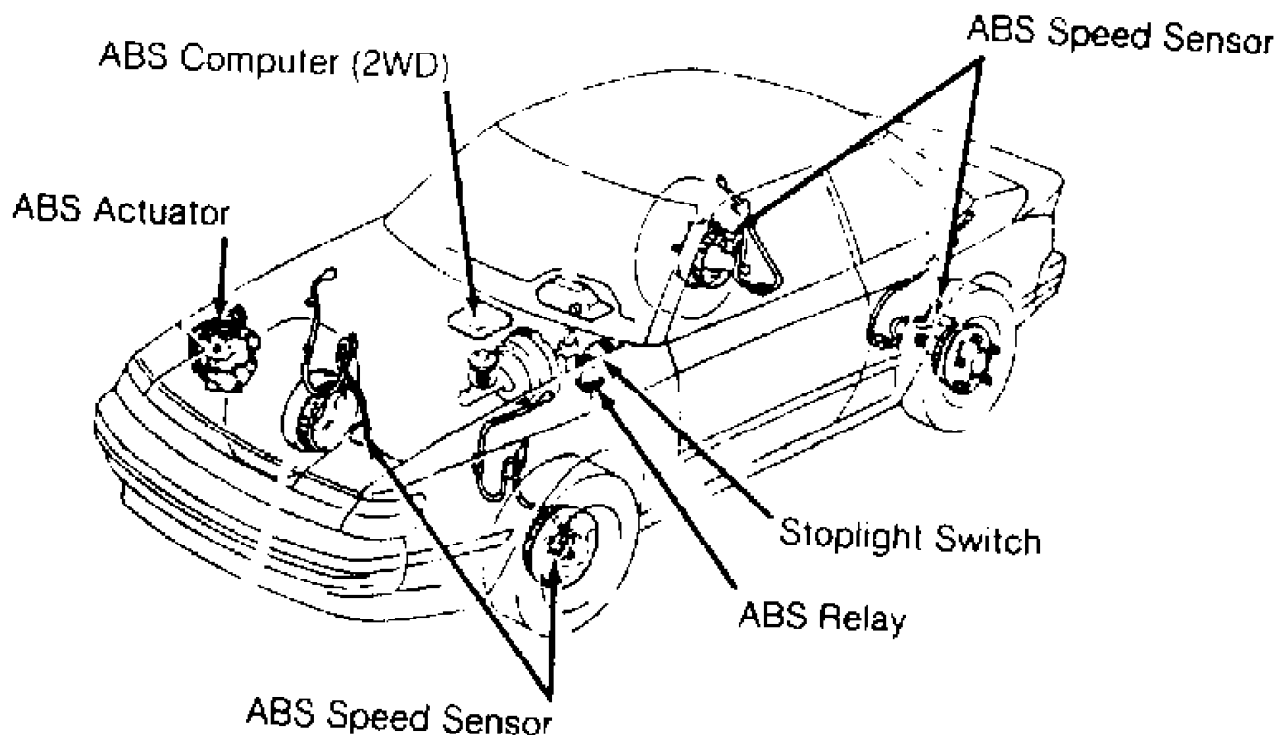
On left edge of transaxle.

Parking Brake Switch

At base of parking brake lever.

Seat Belt Buckle Switch

At base of seat belt buckle.



Stoplight Switch

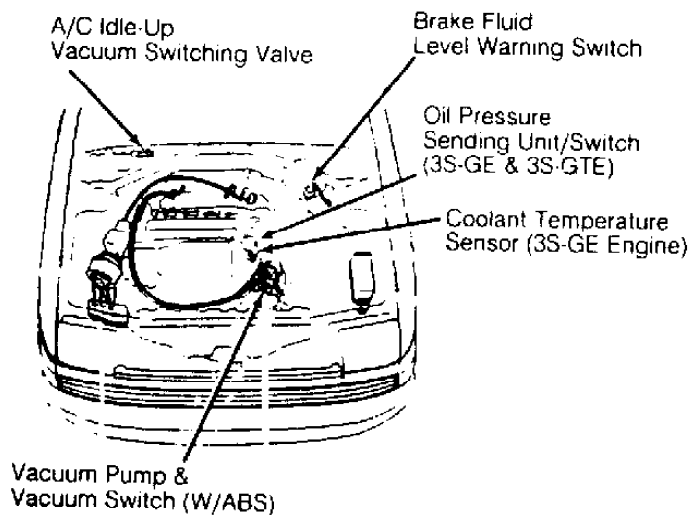
On brake pedal bracket.

Sun Roof Limit Switches

In sun roof rail, near sun roof motor.

Unlock Warning Switch

On steering column, next to ignition switch.

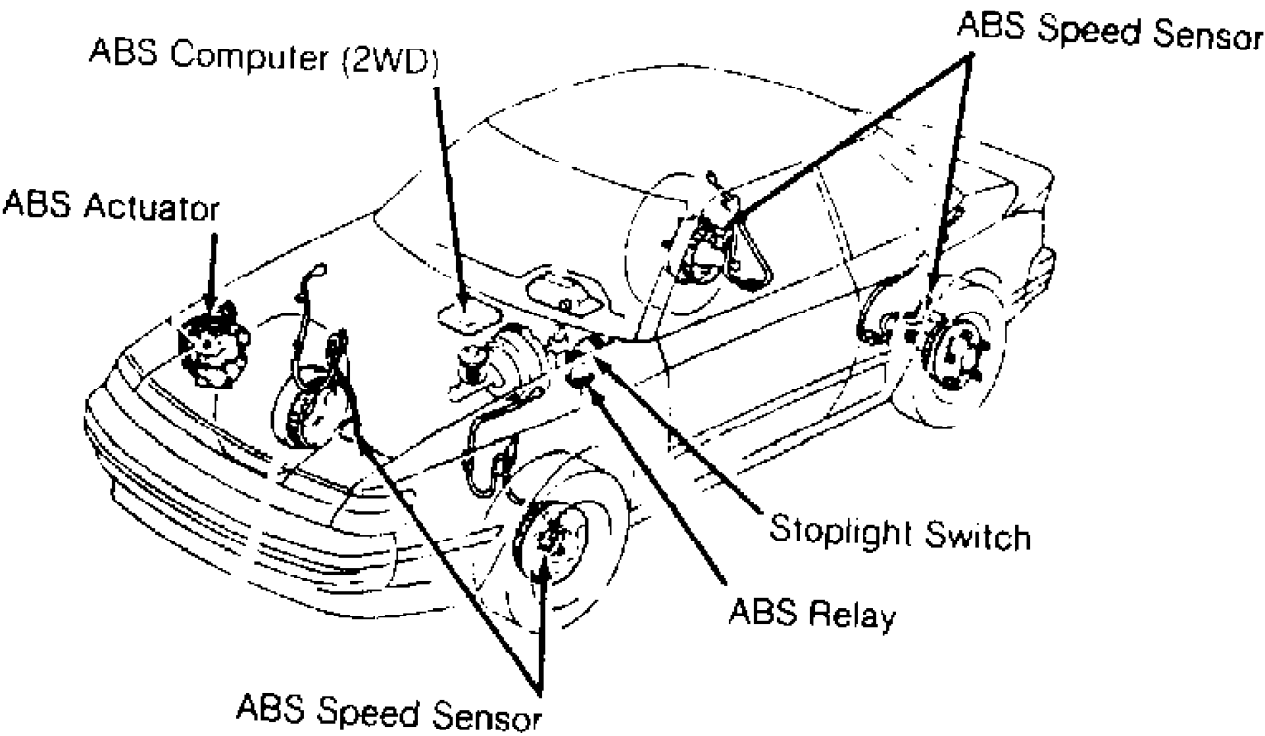


Vacuum Switch (W/ABS)

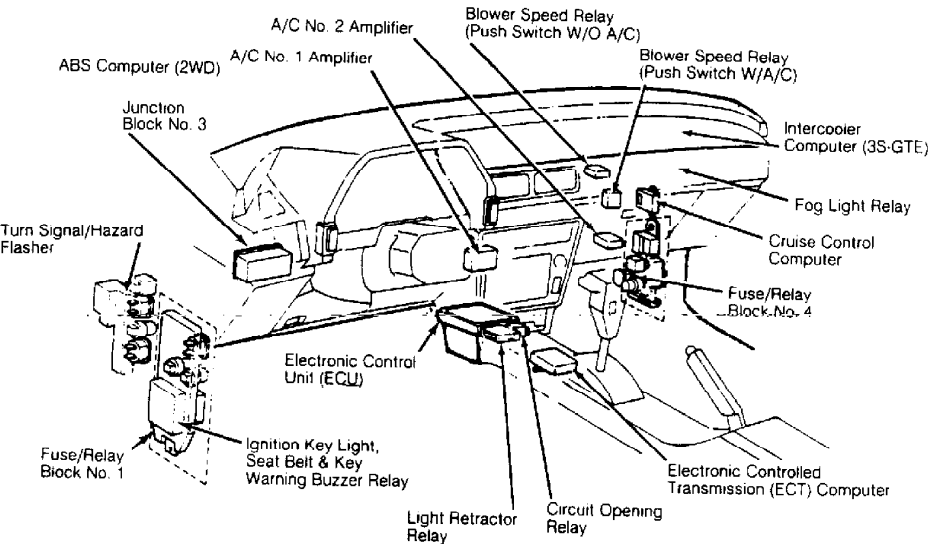
Left front corner of engine compartment.

MISCELLANEOUS

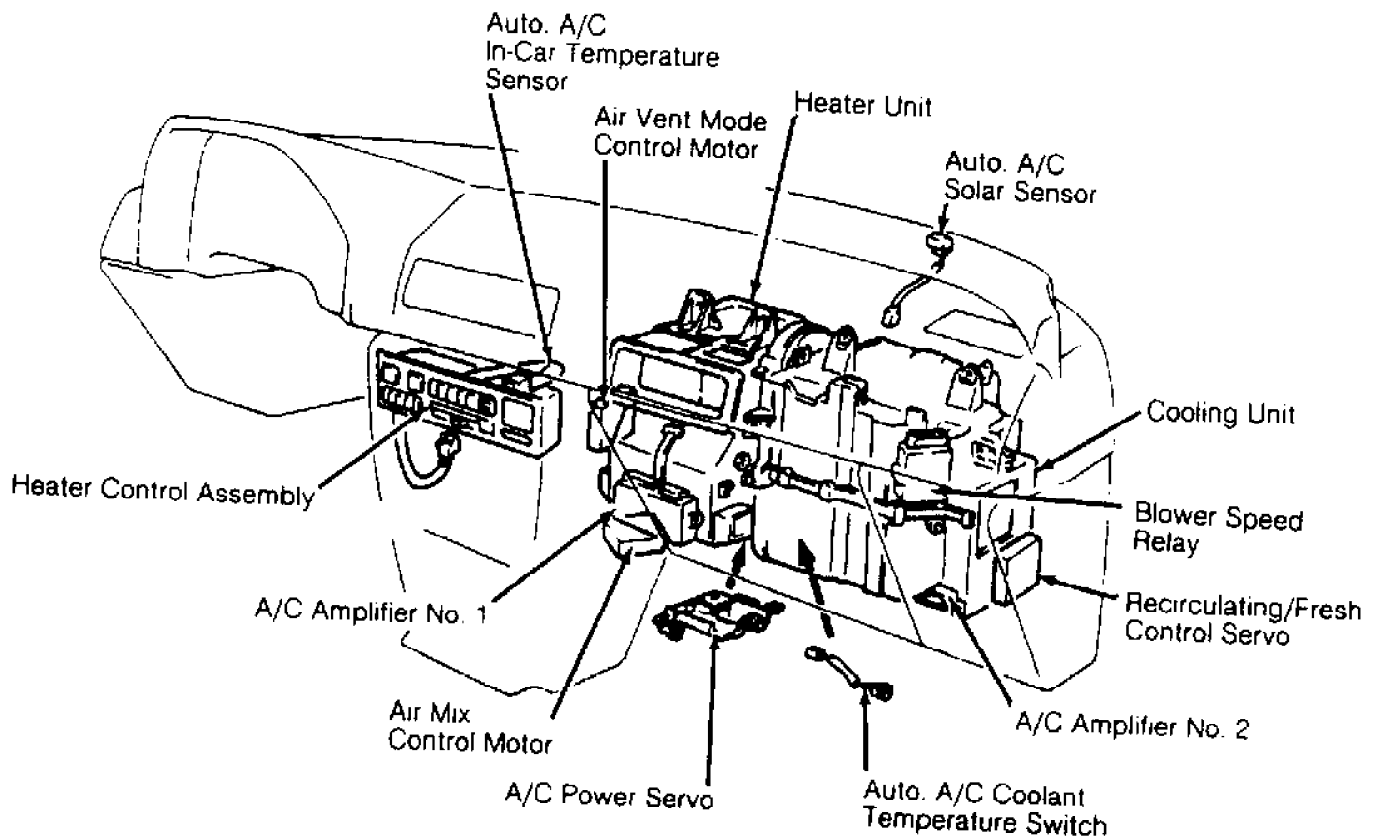
Component	Component Location
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ABS Actuator	On right front fender inner panel.
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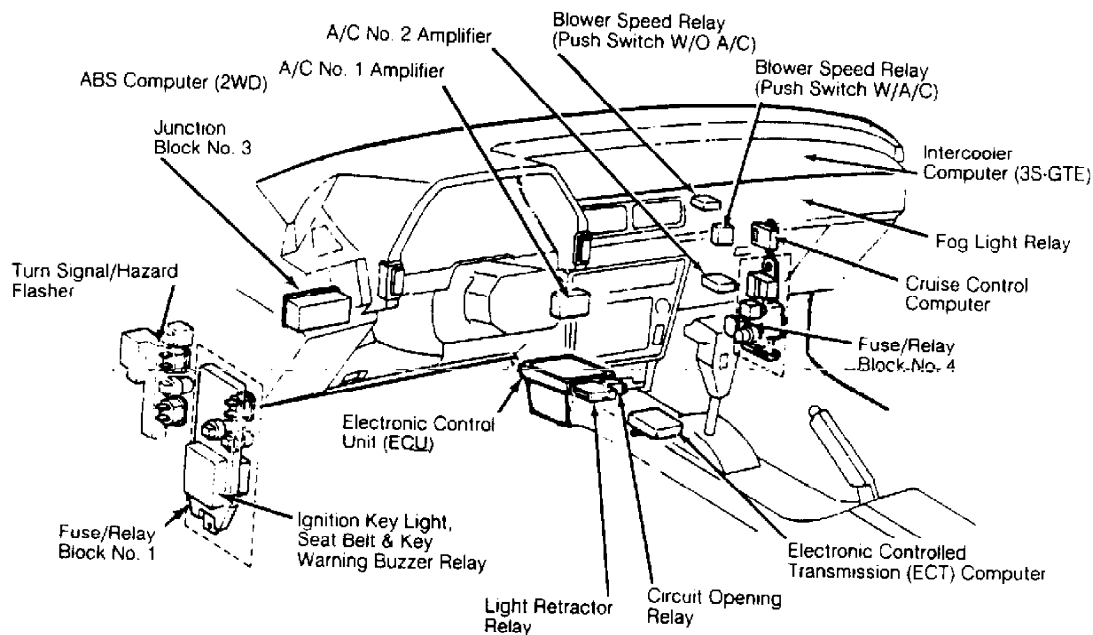


A/C Amplifier No. 1 (Graphic 1)	Behind glove box, attached to bottom of evaporator housing.
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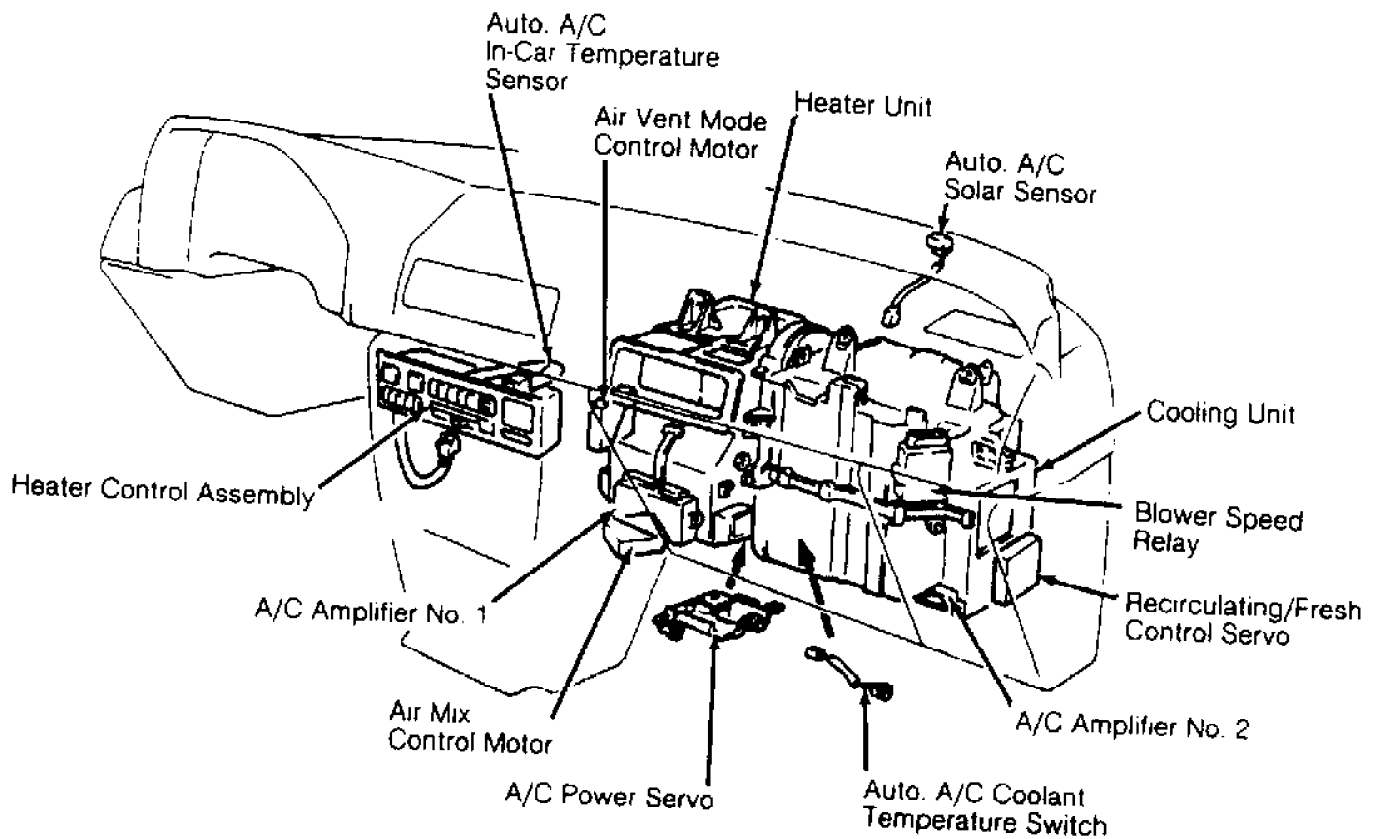
A/C Amplifier No. 1 (Graphic 2)

Behind glove box, attached to bottom of evaporator housing.



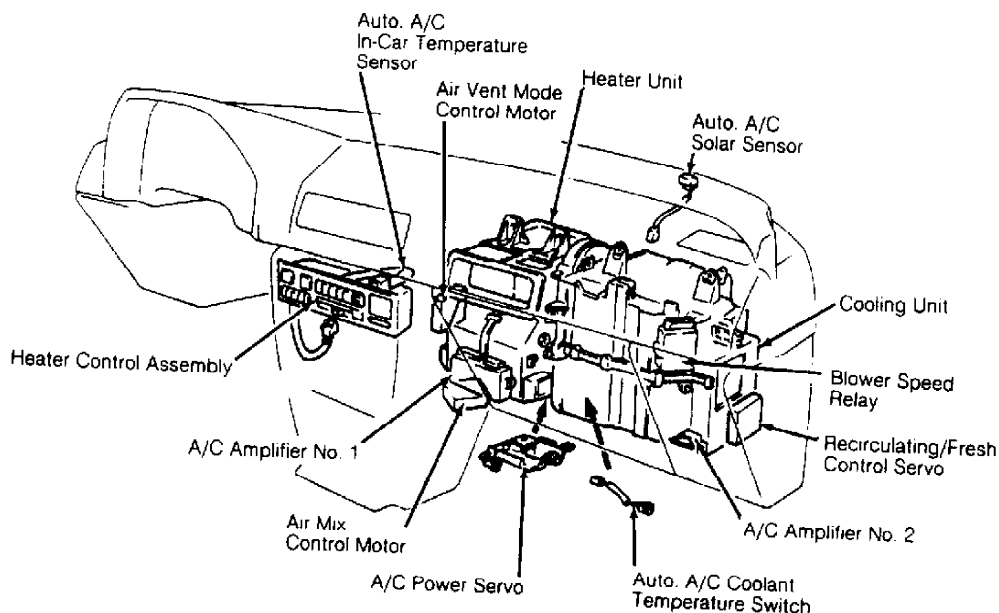
A/C Amplifier No. 1 (Graphic 1)

Behind center of dash, attached to front of heater unit.



A/C Amplifier No. 1 (Graphic 2)

Behind center of dash,
attached to front of heater
unit.



A/C Power Servo

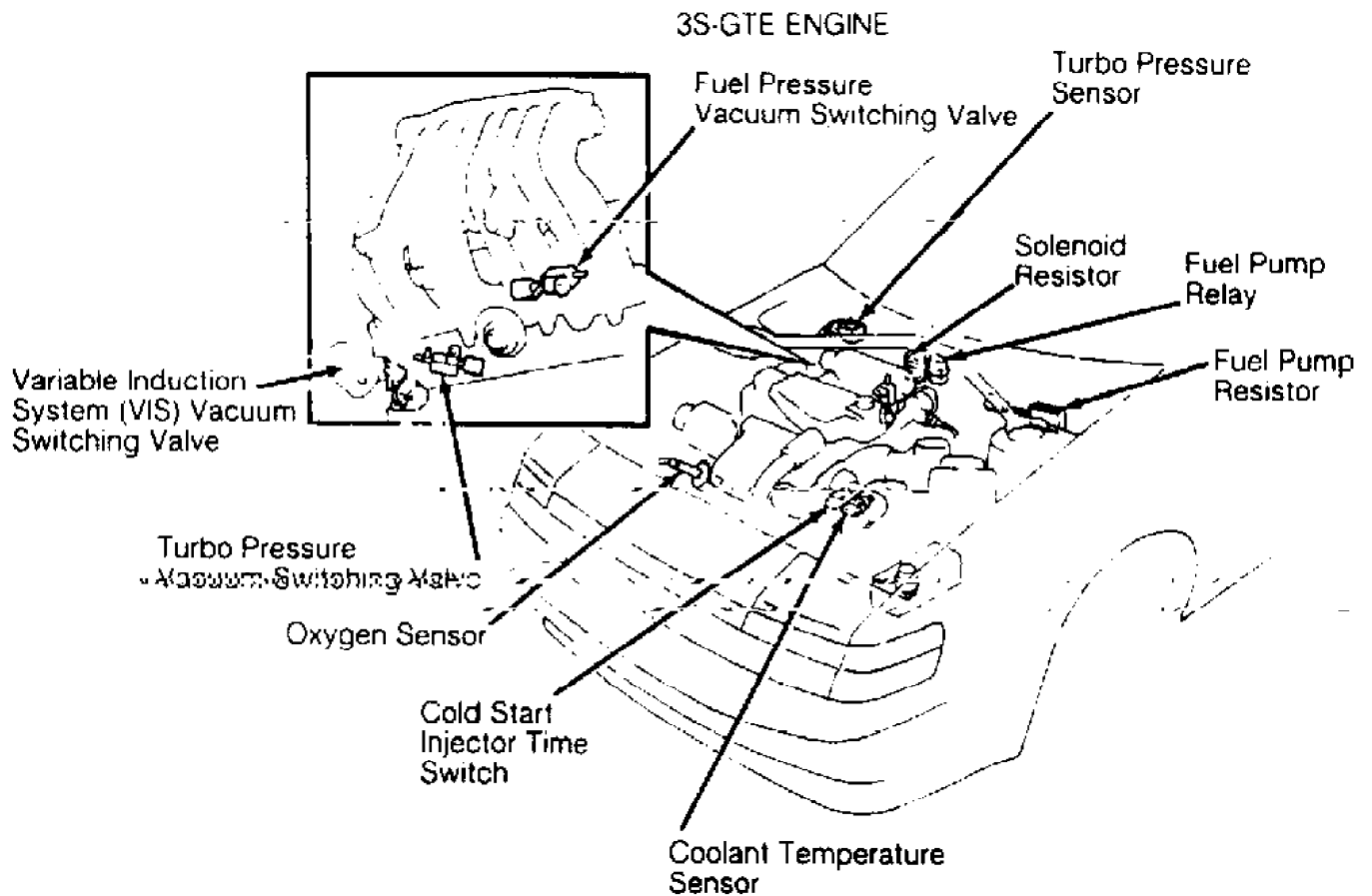
Behind center of dash, under
heater unit.

Cruise Control Actuator

On right front inner fender,
in front of right shock tower.

Diagnostic Test Connector

Behind front left shock tower.

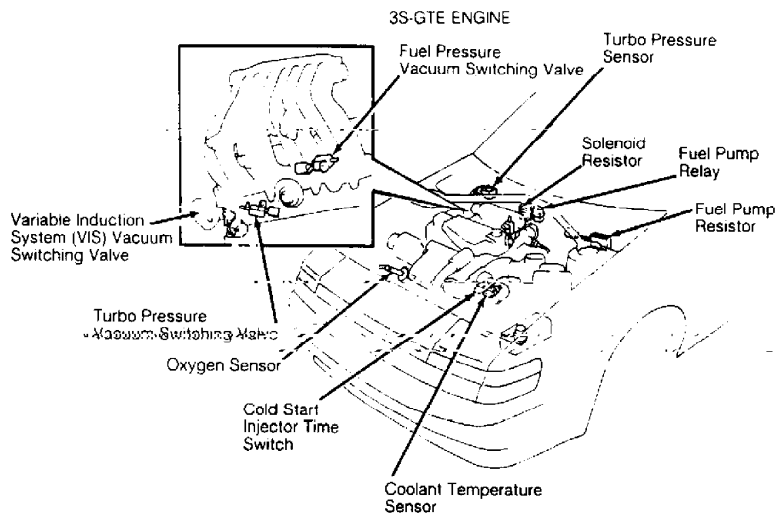


Fuel Pump Resistor (3S-GTE)

Left corner of engine compartment.

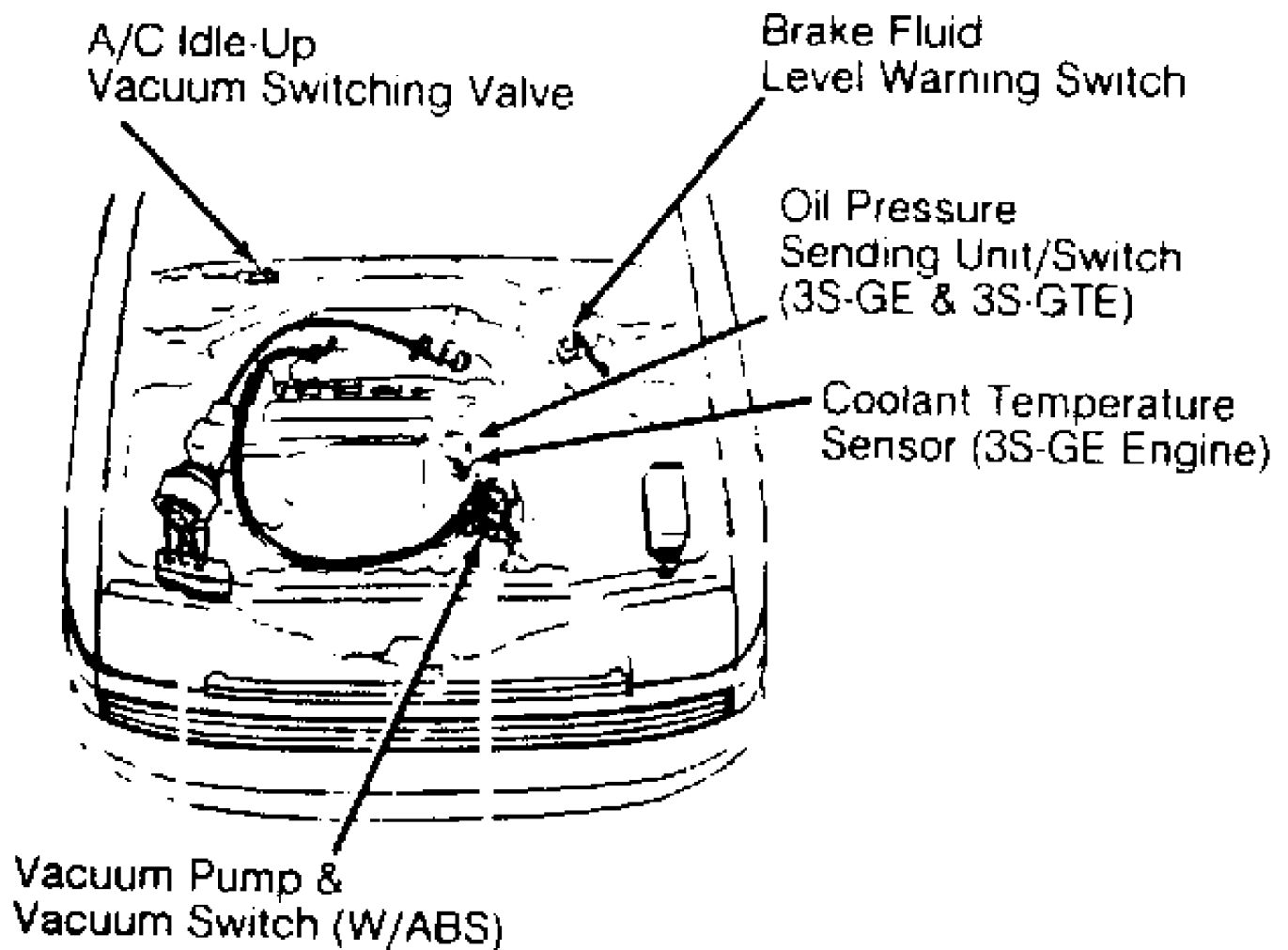
Intercooler Coolant Pump (3S-GTE)

In the line from intercooler radiator to intercooler.



Solenoid Resistor (3S-GTE)

Center of firewall.



Vacuum Pump (W/ABS)

Left front corner of engine compartment.
