

# ELECTRICAL COMPONENT LOCATOR - 2.4L 4-CYL

1995 Toyota 4Runner

1995 ELECTRICAL COMPONENT LOCATION  
Toyota Electrical Components - 2.4L 4-Cyl.

Pickup, 4Runner

## 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

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Component

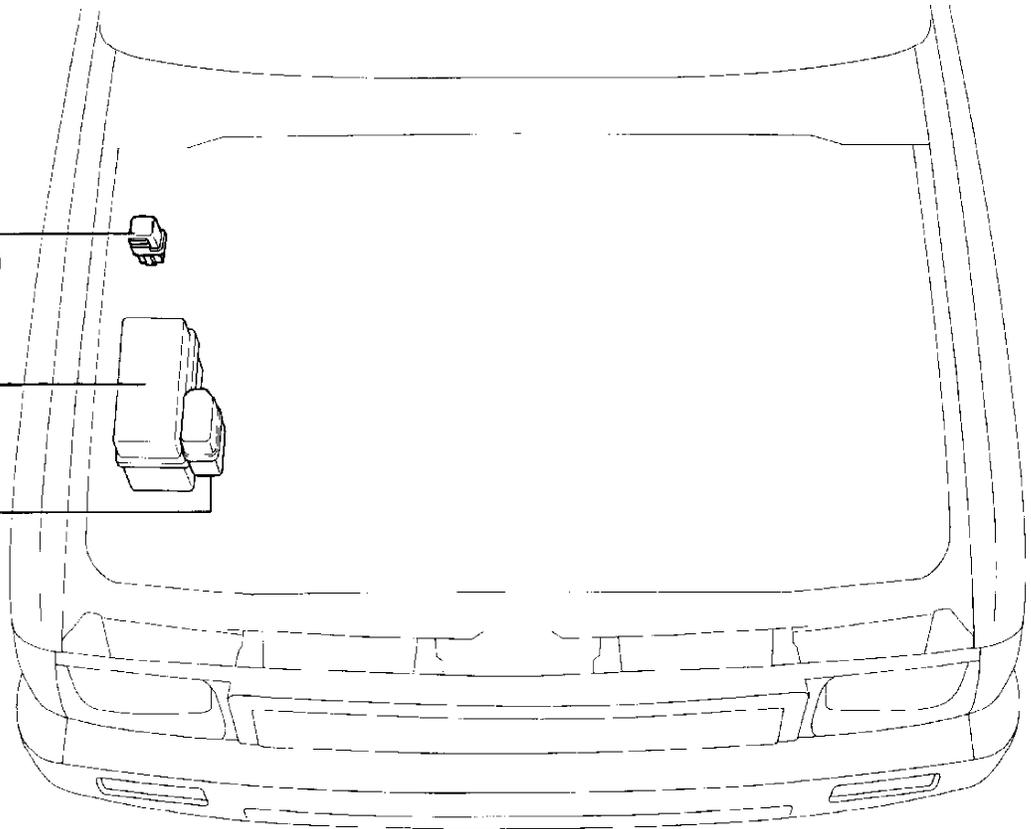
Component Location

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Anti-Lock  
Relay (Pickup)  
ABS Relay  
(Rear Wheel ABS)  
(4Runner)

R/B No. 2

R/B No. 4  
(4Runner)



## Pickup & 2.4L 4Runner

96D03731  
ABS Relay (Rear Wheel ABS)  
(4Runner)

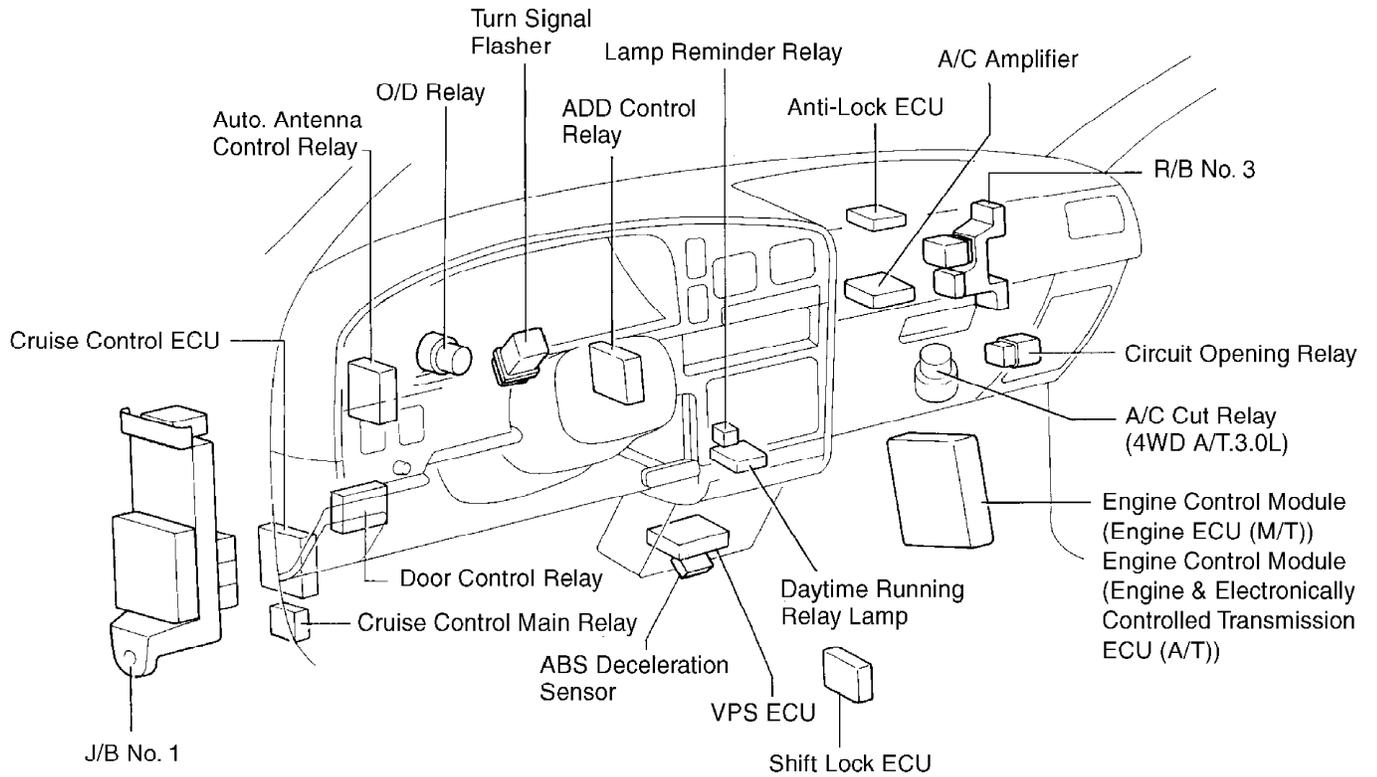
On right side of engine  
compartment.

A/C Condenser Fan Relay No. 1

On R/B No. 4.

A/C Condenser Fan Relay No. 2

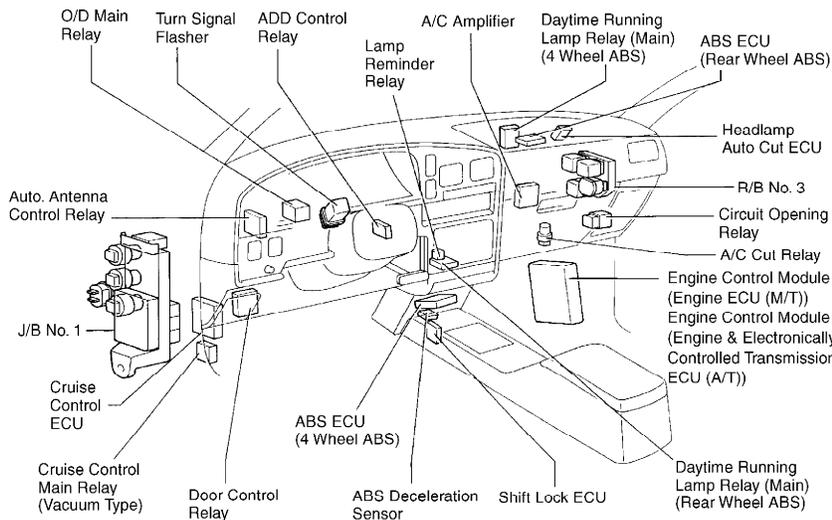
On R/B No. 4.



### Pickup

96H03733  
Circuit Opening Relay (Pickup)

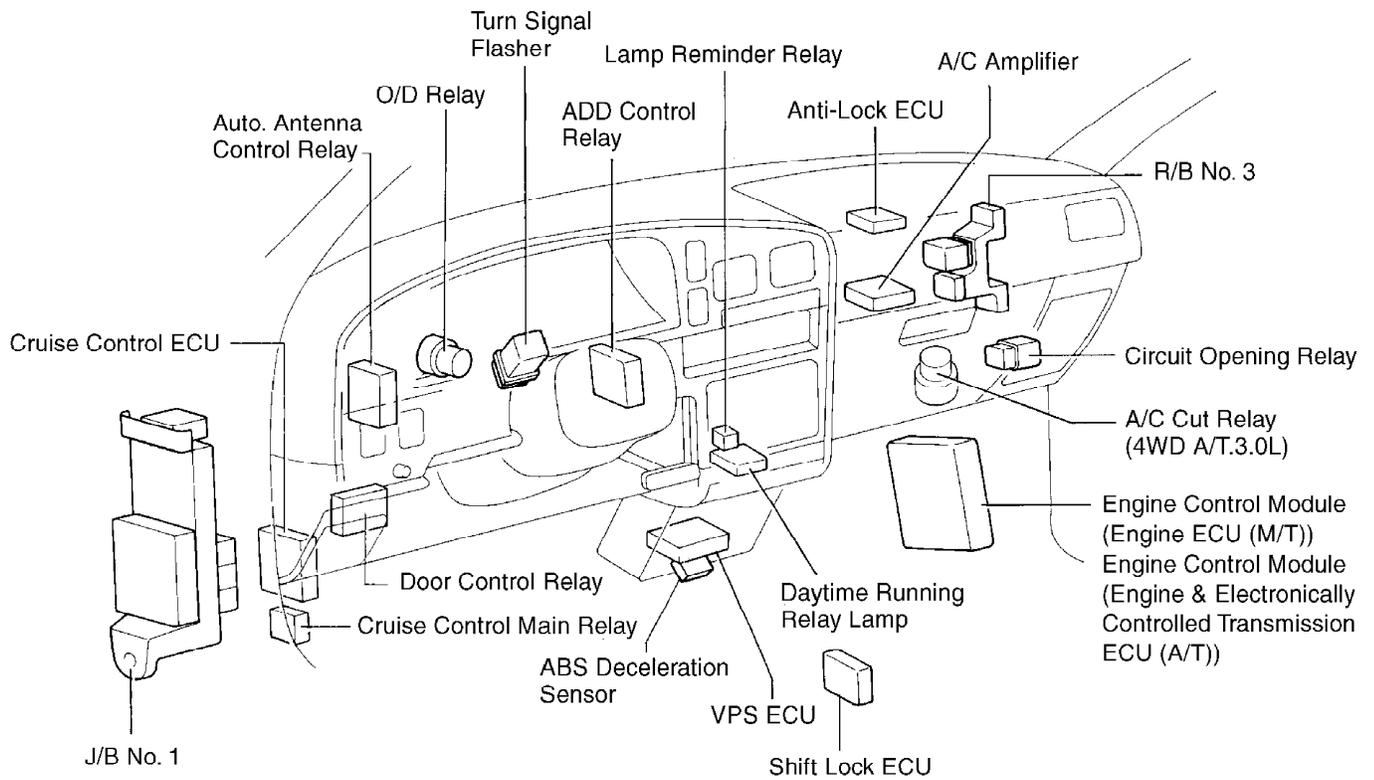
Behind right side of dash.



96J03734  
Circuit Opening Relay (4Runner)

### 4Runner

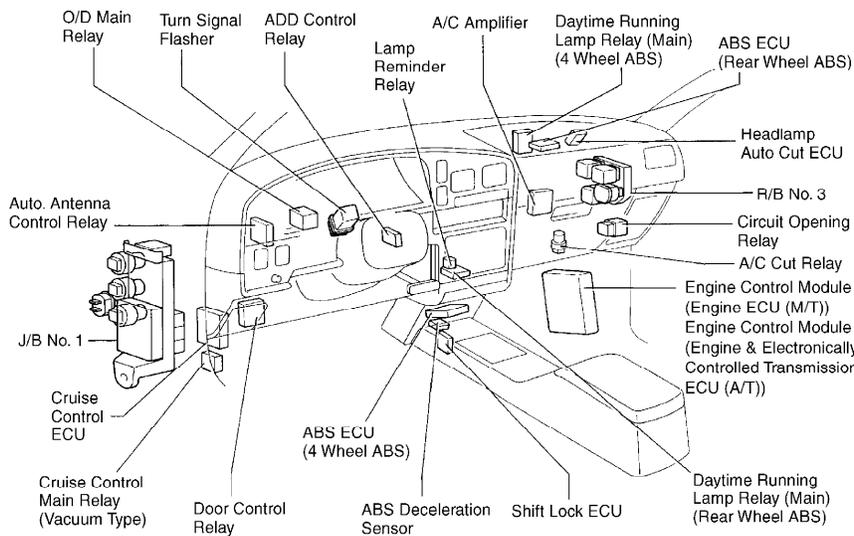
Behind right side of dash.



**Pickup**

96H03733  
Cruise Control Main Relay  
(Pickup)

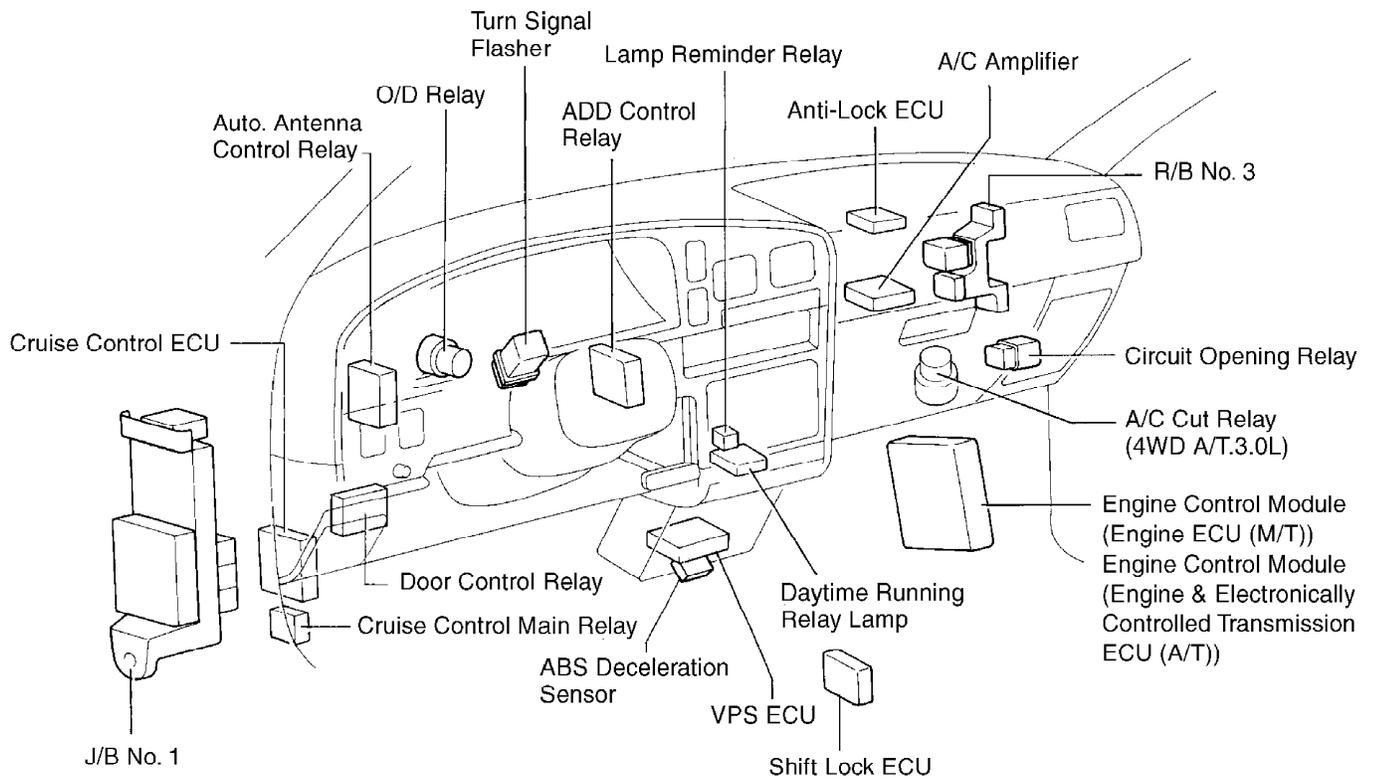
Behind dash, left of steering column.



**4Runner**

96J03734  
Cruise Control Main Relay  
(Vacuum Type) (4Runner)

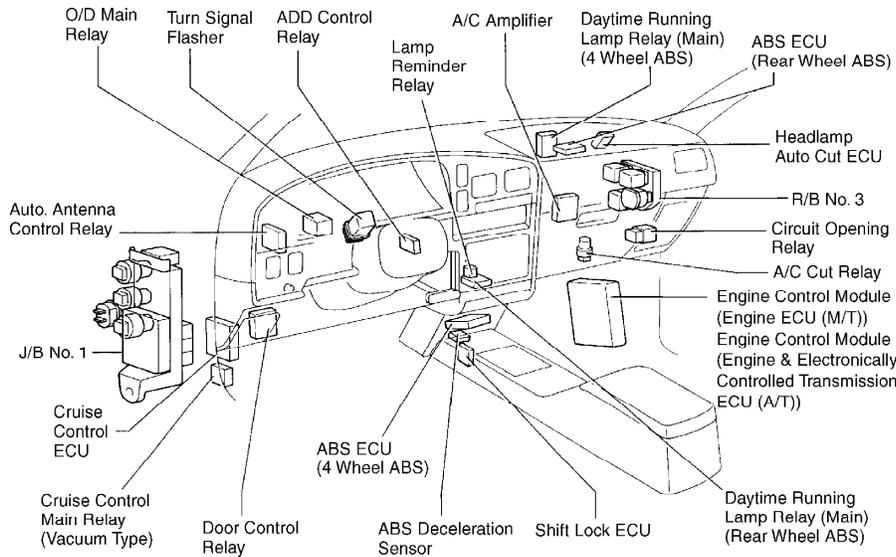
Behind dash, left of steering column.



**Pickup**

96H03733  
Daytime Running Lamp  
Relay (Pickup)

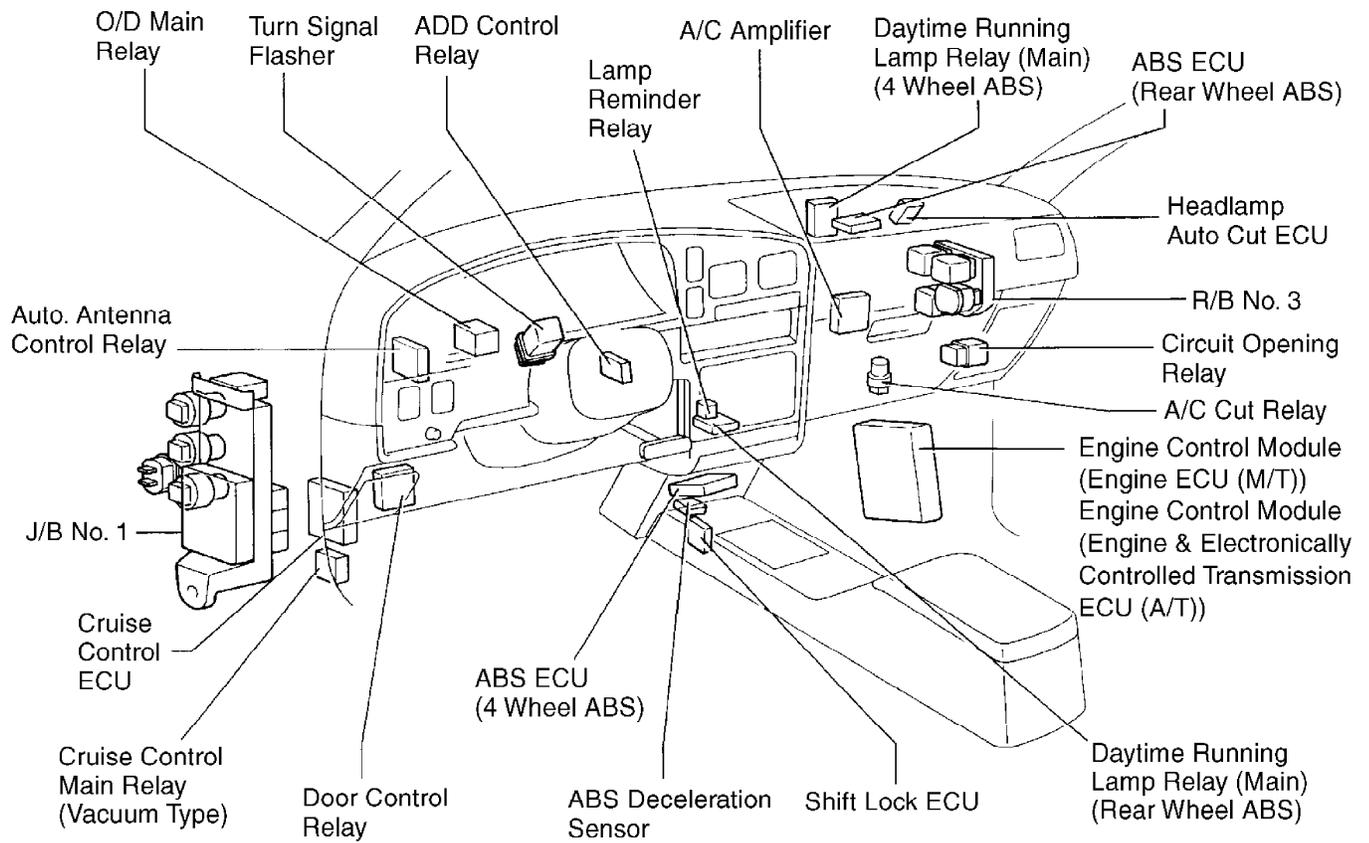
Behind center of dash.



96J03734  
Daytime Running Lamp Relay  
(Main) (4Runner) (4 Wheel ABS)

**4Runner**

Behind right side of dash.



### 4Runner

96J03734  
Daytime Running Lamp Relay  
(Main) (4Runner) (Rear Wheel ABS)

Behind center of dash.

Daytime Running Lamp Relay No. 4  
(Pickup) (Canada)

On front of J/B No. 1.

Daytime Running Lamp Relay No. 4  
(4Runner) (Canada)

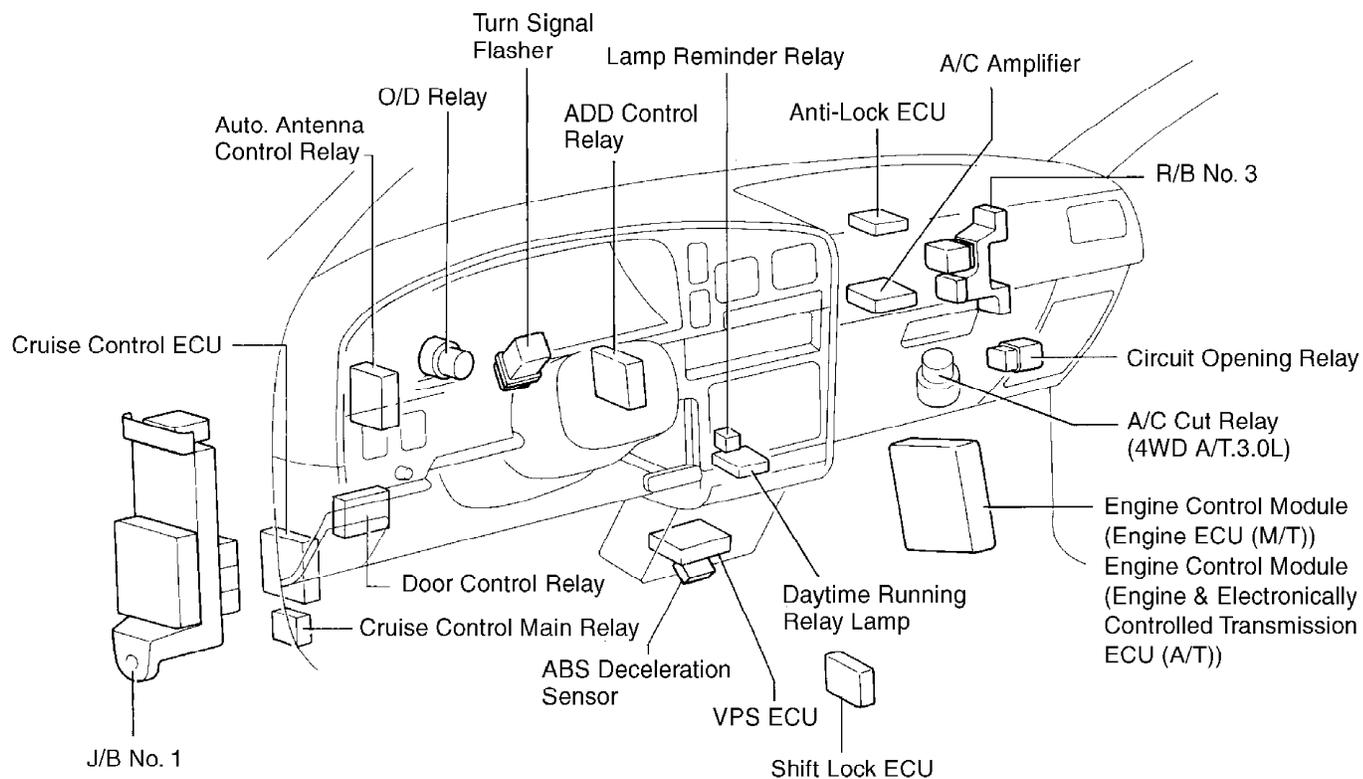
On front of J/B No. 1.

Defogger Relay

On front of J/B No. 1.

Dimmer Relay (Canada)

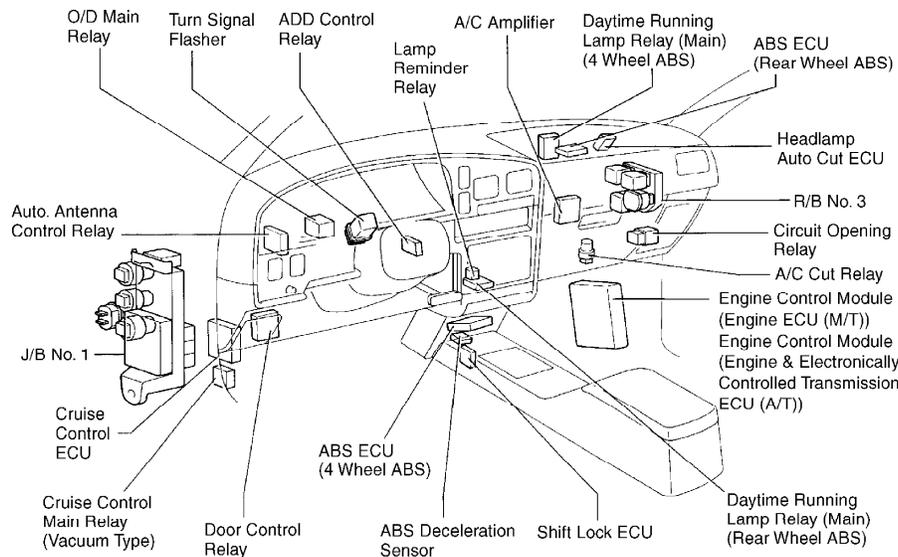
On R/B No. 2.



**Pickup**

96H03733  
Door Control Relay (Pickup)

Behind dash, left of steering column.



96J03734  
Door Control Relay (4Runner)

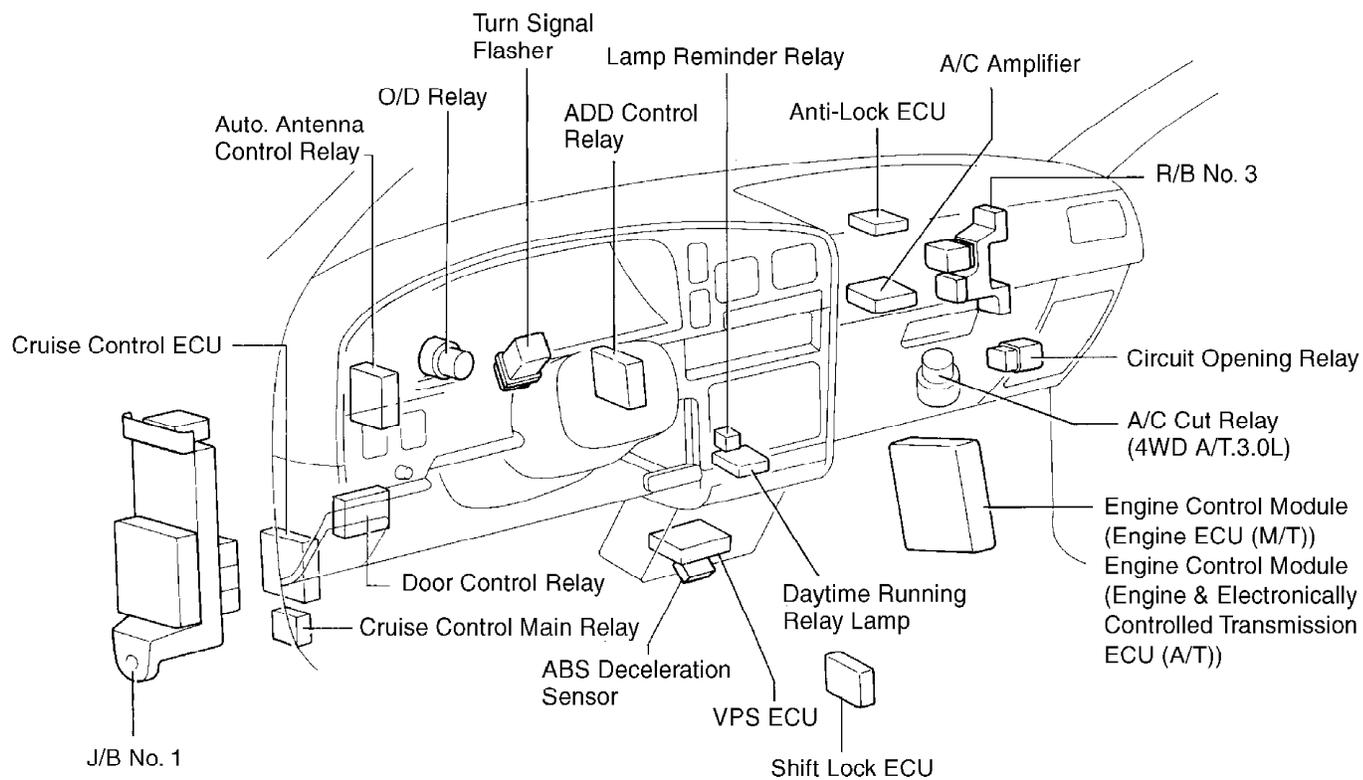
Behind dash, left of steering column.

EFI Main Relay

On R/B No. 2.

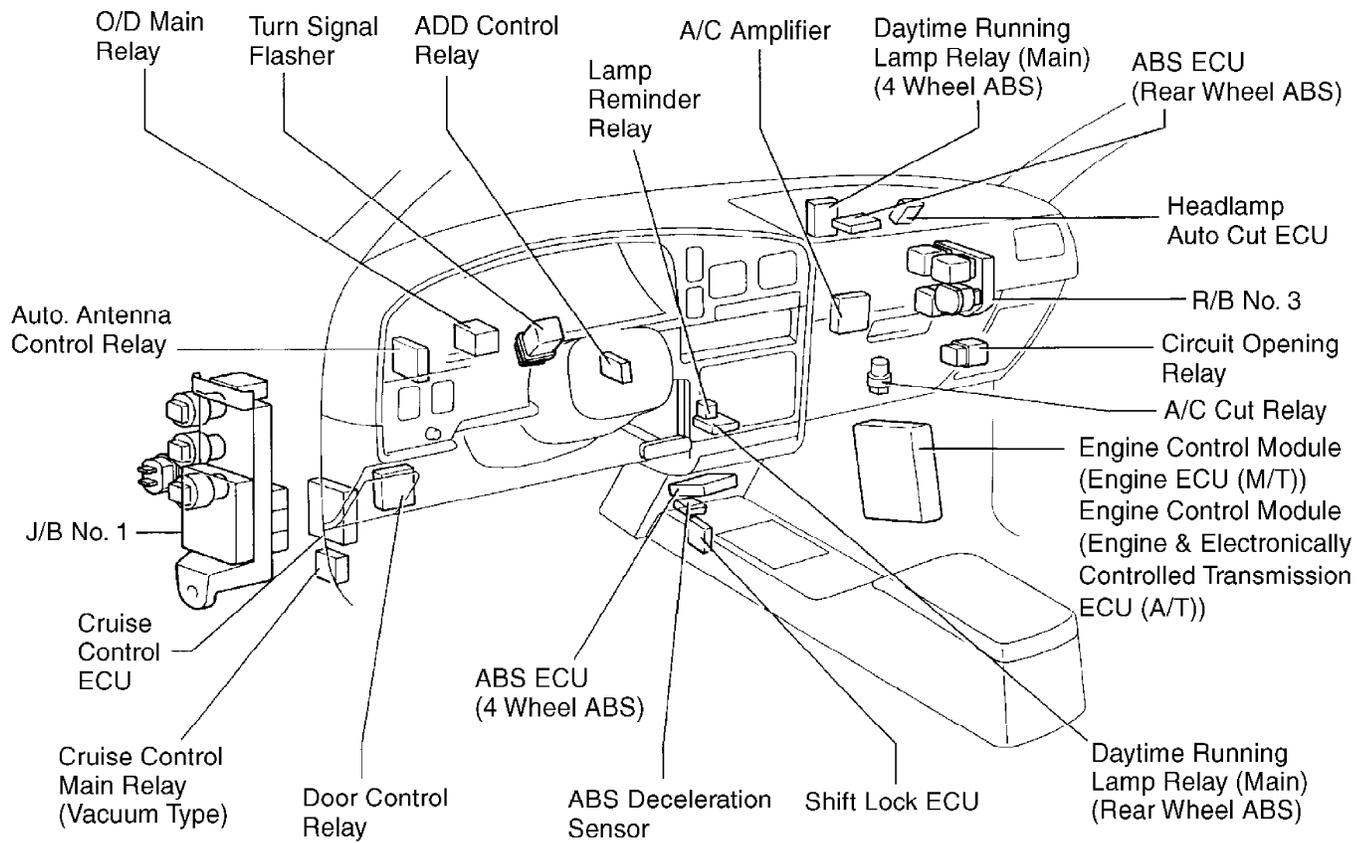
**4Runner**

Headlamp Relay	On R/B No. 2.
Heater Relay (Front) (4Runner)	On R/B No. 3.
Heater Relay (Rear) (4Runner)	On R/B No. 3.
Heater Relay (Pickup)	On R/B No. 3.
Horn Relay	On front of J/B No. 1.
Integration Relay (4Runner)	On rear of J/B No. 1.



**Pickup**

96H03733  
Lamp Reminder Relay (Pickup) Behind center of dash.

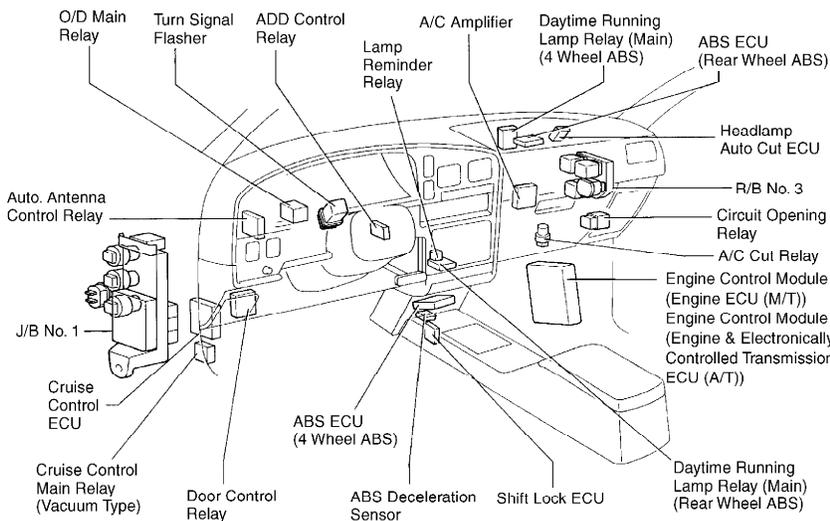


96J03734  
Lamp Reminder Relay (4Runner)

**4Runner**  
Behind center of dash.

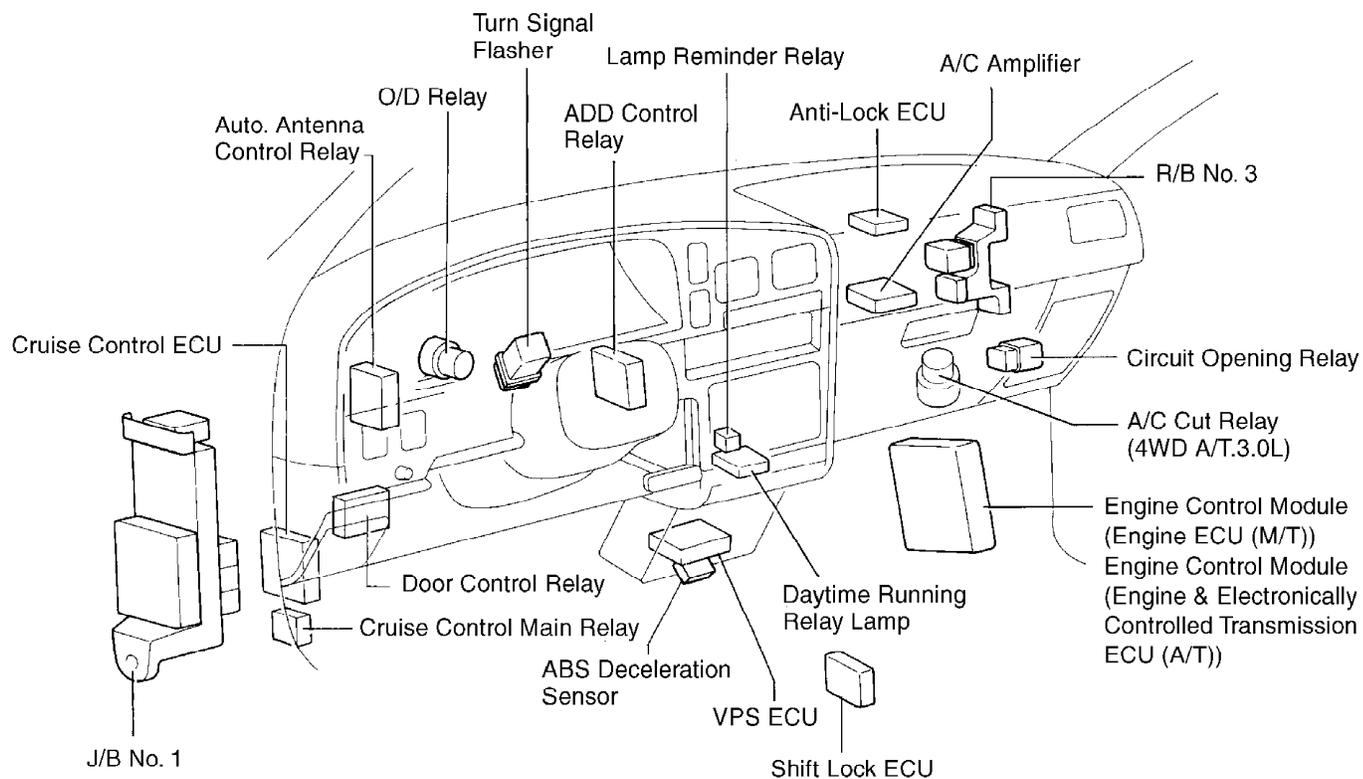
Moon Roof Relay

On front of J/B No. 1.



96J03734  
O/D Main Relay (4Runner)

**4Runner**  
Behind left side of dash.



### Pickup

96H03733  
O/D Relay (Pickup)

Behind left side of dash.

Rear Power Window Relay (4Runner)

On left side of cargo area.

Rear Wiper Control Relay (4Runner)

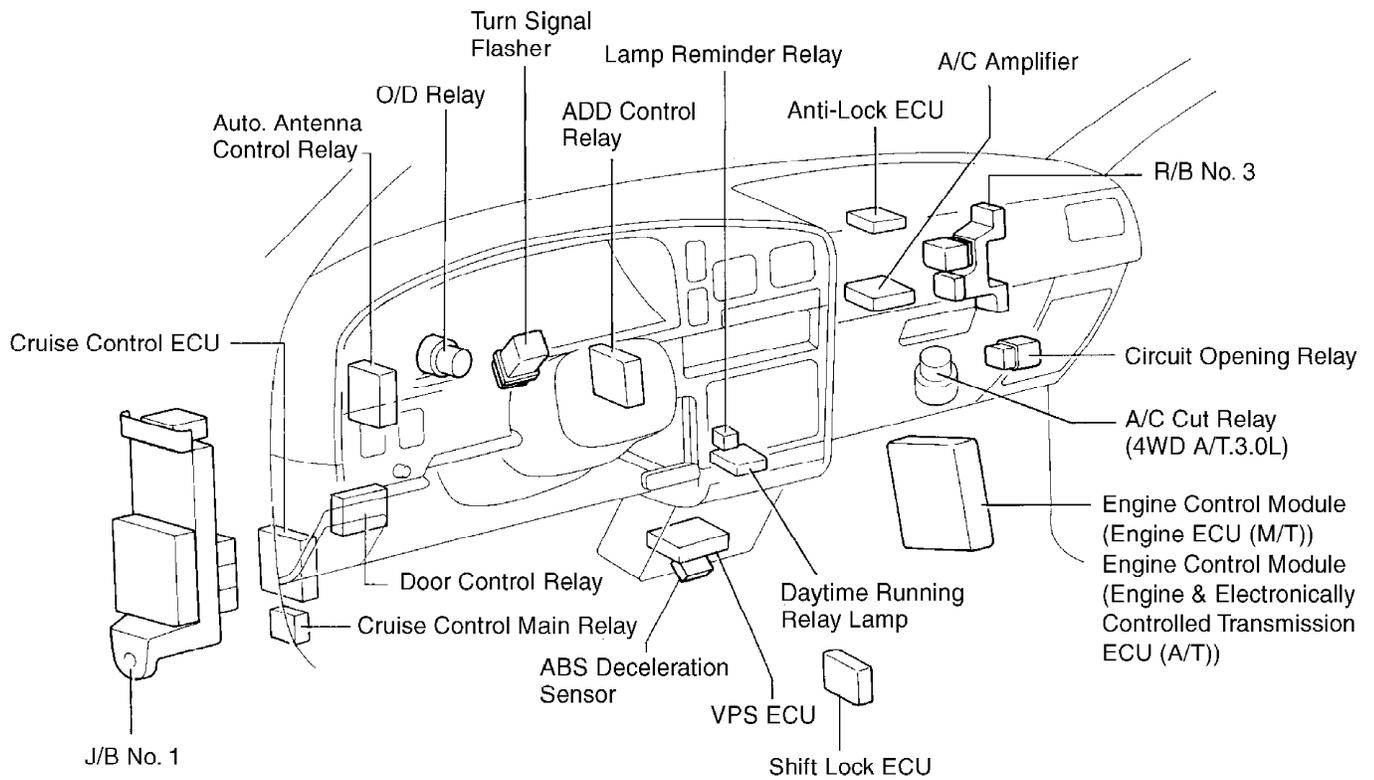
On left side of cargo area.

Starter Relay

On R/B No. 2.

Taillamp Relay

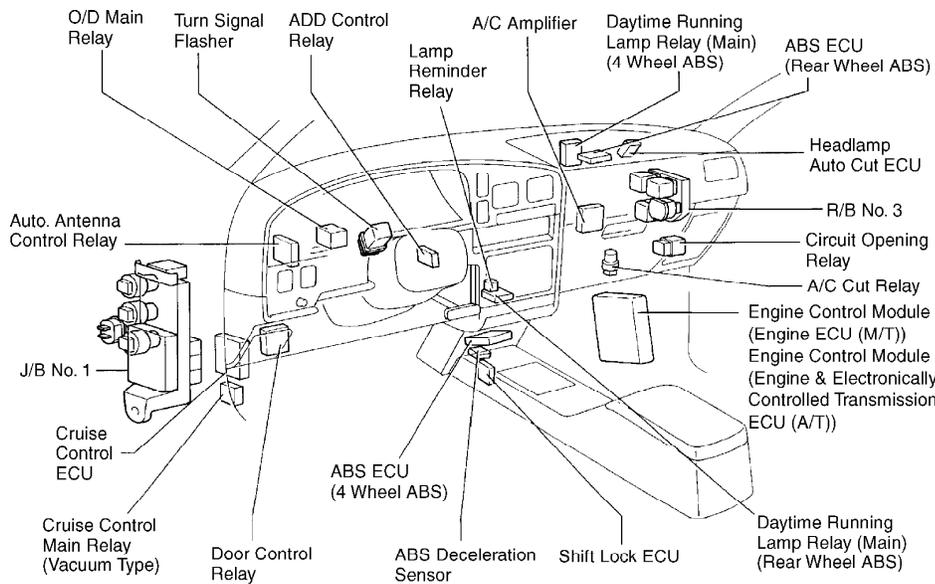
On front of J/B No. 1.



**Pickup**

96H03733  
Turn Signal Flasher (Pickup)

Behind left side of dash.



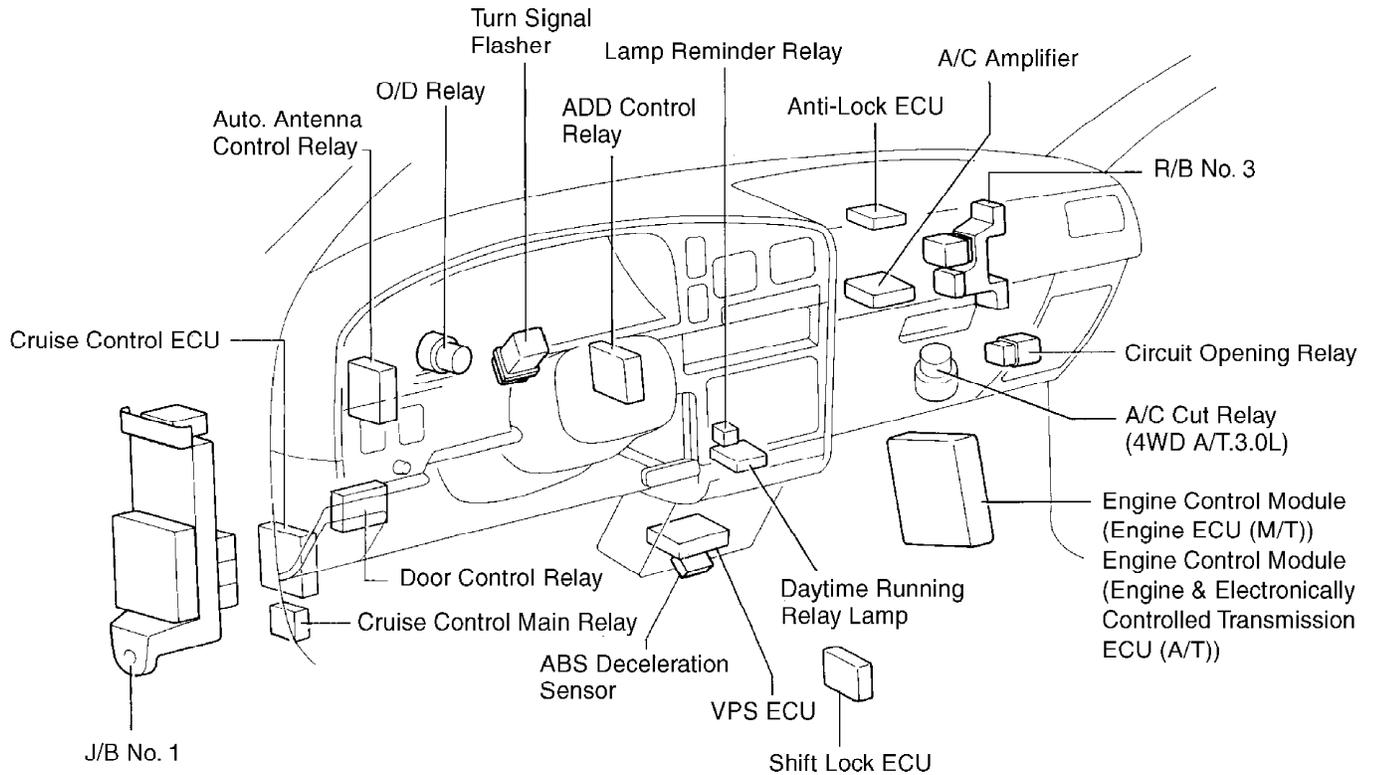
96J03734  
Turn Signal Flasher (4Runner)

**4Runner**

Behind left side of dash.

**CIRCUIT PROTECTION DEVICES**

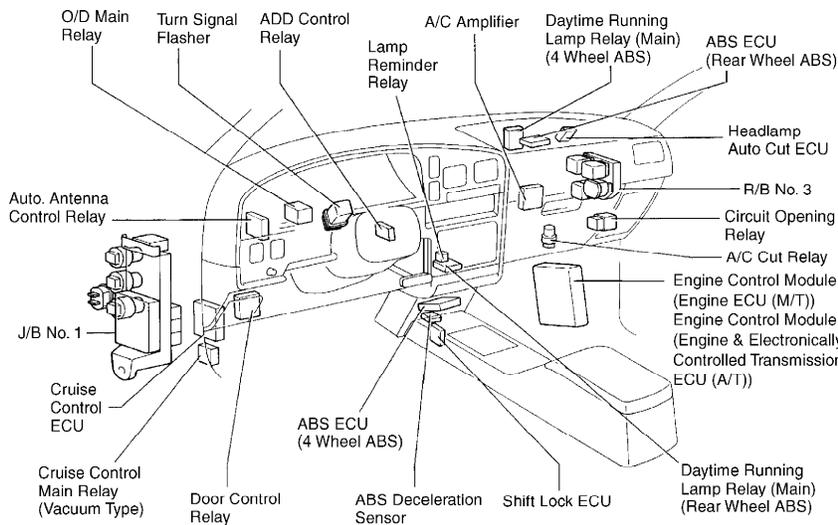
Component	Component Location
Fuse Block	On J/B No. 1.



**Pickup**

96H03733  
J/B No. 1 (Pickup)

On left kick panel.



96J03734  
J/B No. 1 (4Runner)

**4Runner**

On left kick panel.

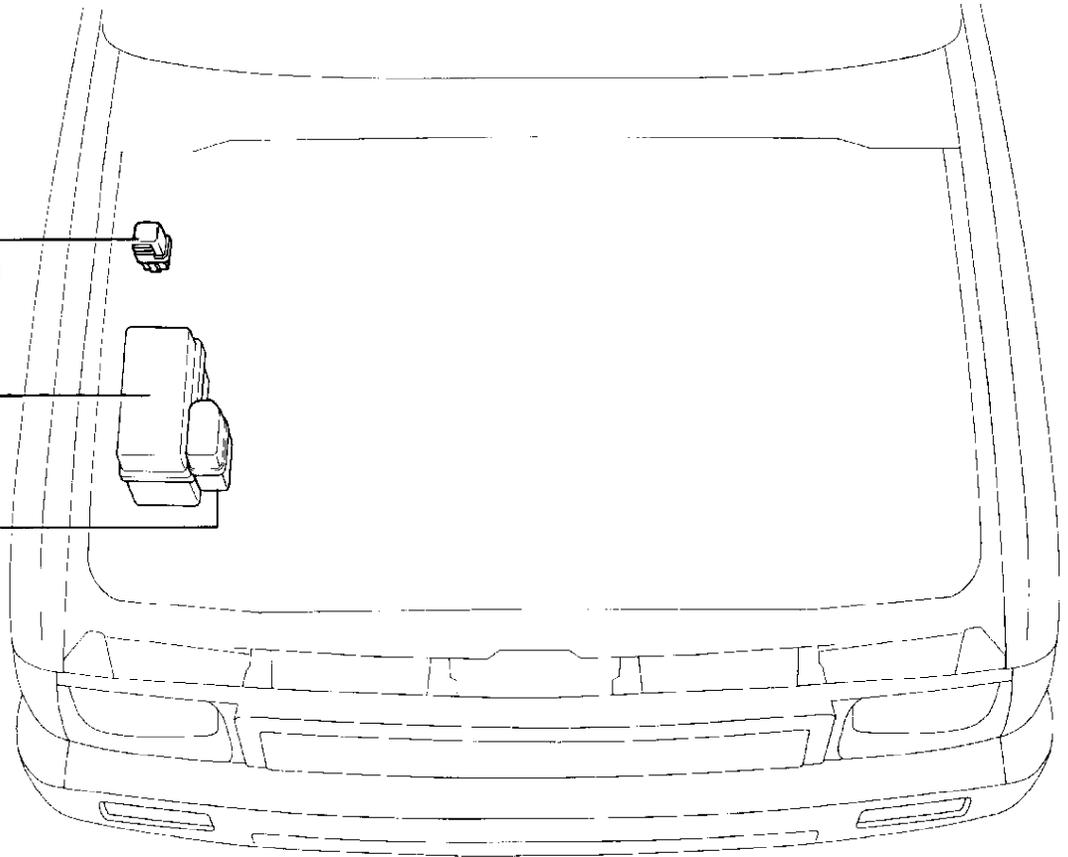
Power Fuse (Pickup)

On J/B No. 1.

Anti-Lock  
Relay (Pickup)  
ABS Relay  
(Rear Wheel ABS)  
(4Runner)

R/B No. 2

R/B No. 4  
(4Runner)



### Pickup & 2.4L 4Runner

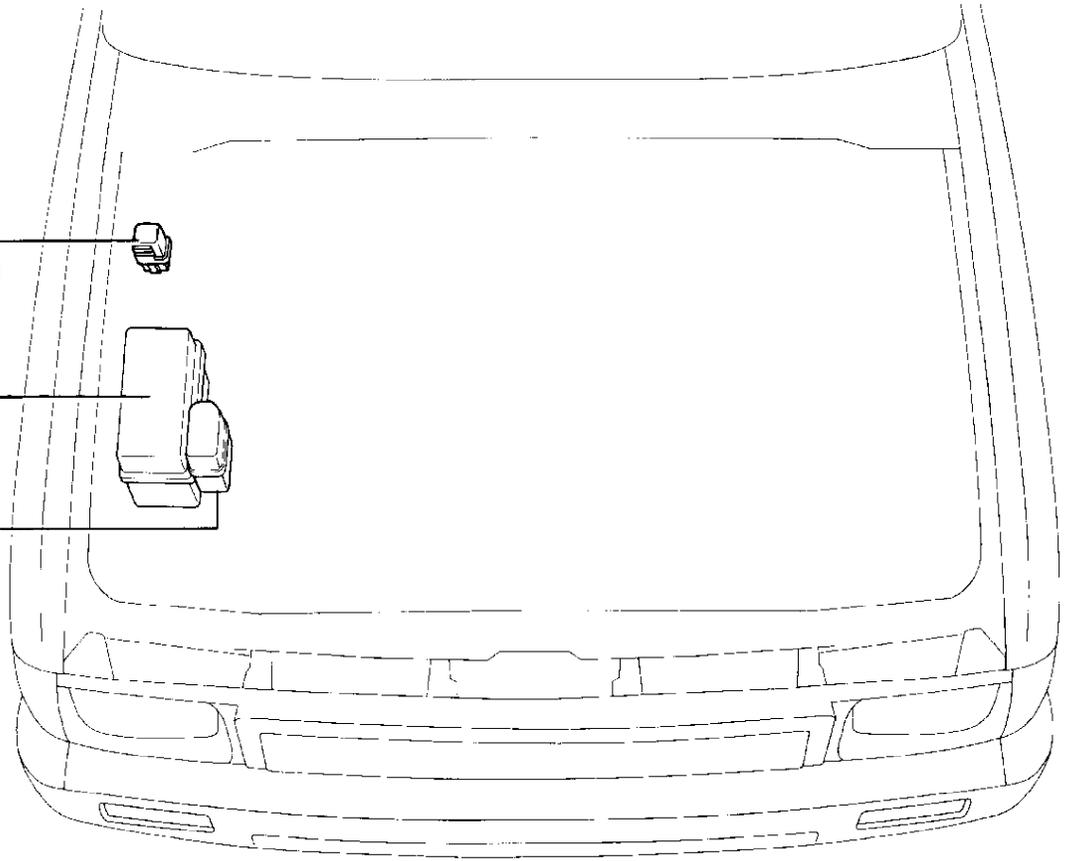
96D03731  
R/B No. 2 (Pickup)

On right side of engine  
compartment.

Anti-Lock  
Relay (Pickup)  
ABS Relay  
(Rear Wheel ABS)  
(4Runner)

R/B No. 2

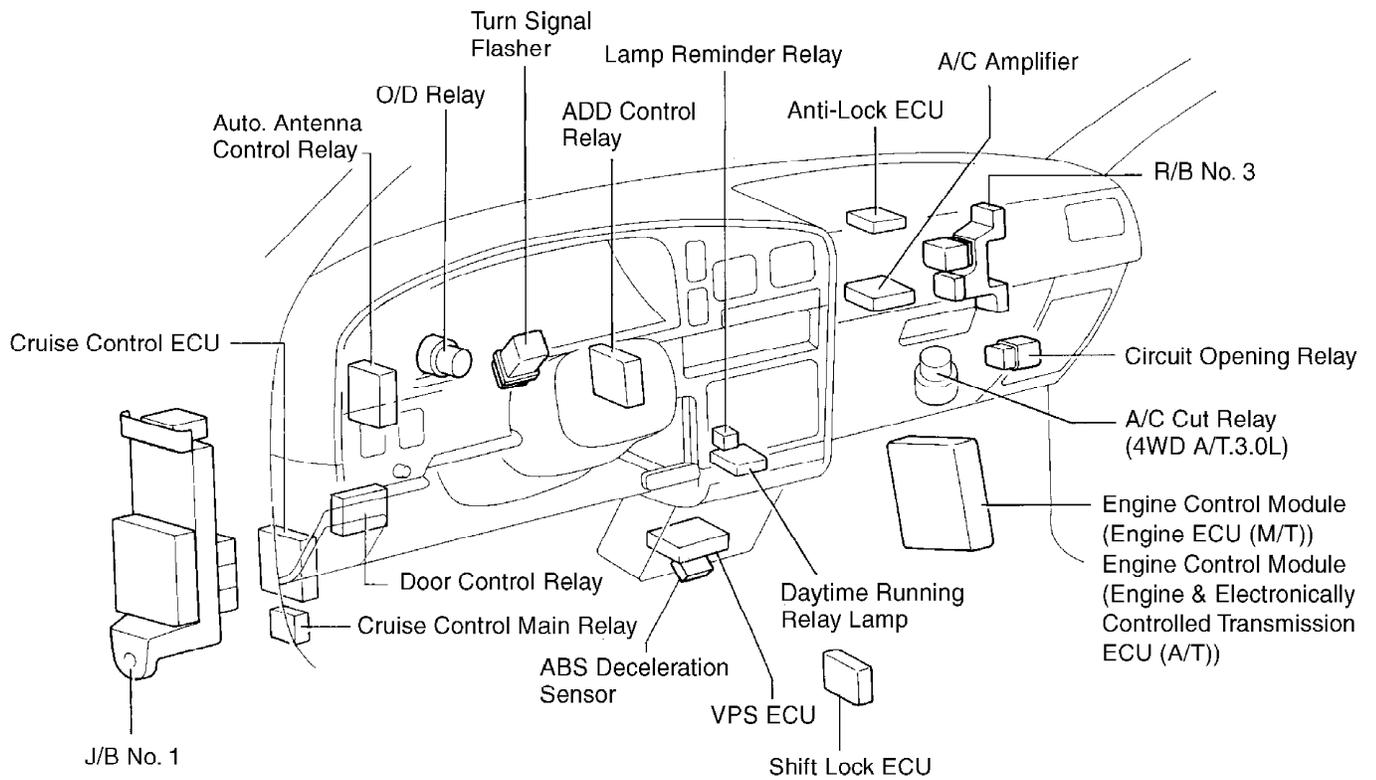
R/B No. 4  
(4Runner)



### Pickup & 2.4L 4Runner

96D03731  
R/B No. 2 (4Runner)

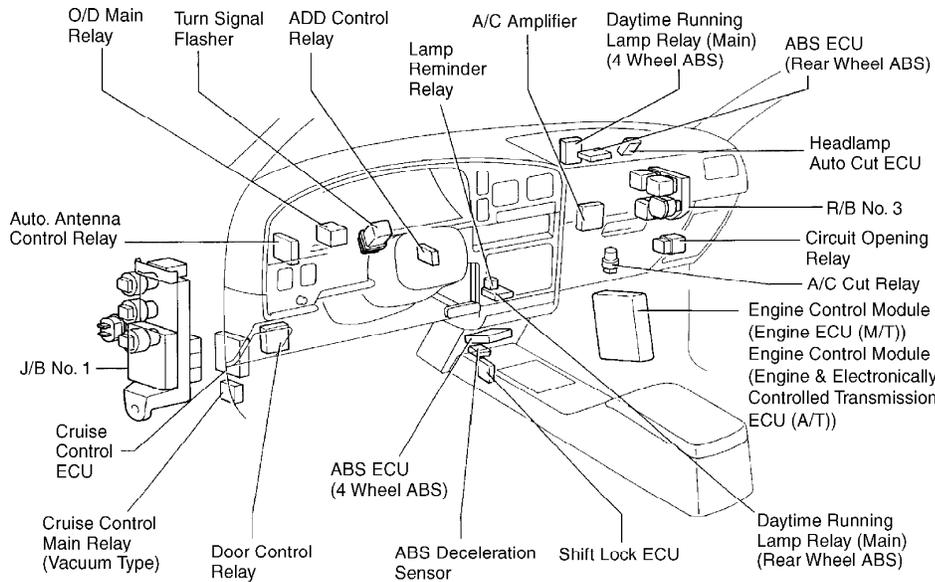
On right side of engine  
compartment.



**Pickup**

96H03733  
R/B No. 3 (Pickup)

Behind right side of dash.



**4Runner**

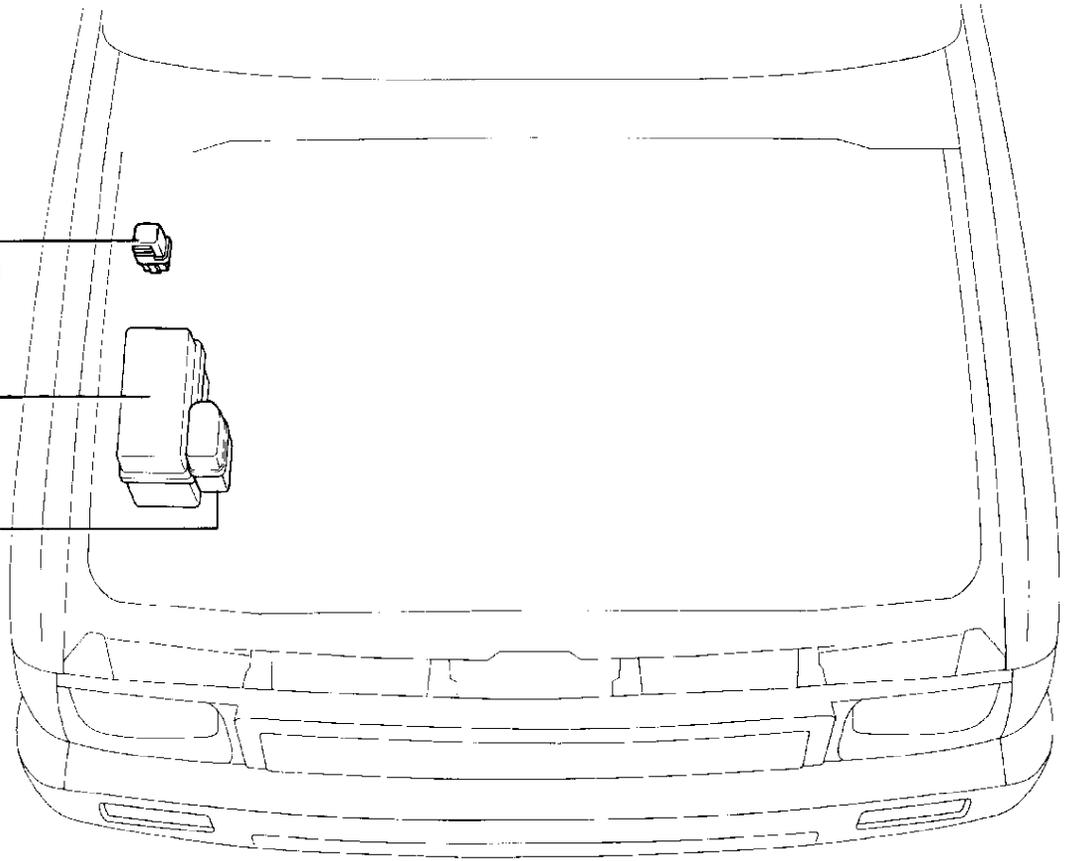
96J03734  
R/B No. 3 (4Runner)

Behind right side of dash.

Anti-Lock  
Relay (Pickup)  
ABS Relay  
(Rear Wheel ABS)  
(4Runner)

R/B No. 2

R/B No. 4  
(4Runner)



### Pickup & 2.4L 4Runner

96D03731  
R/B No. 4 (4Runner)

On right side of engine  
compartment.

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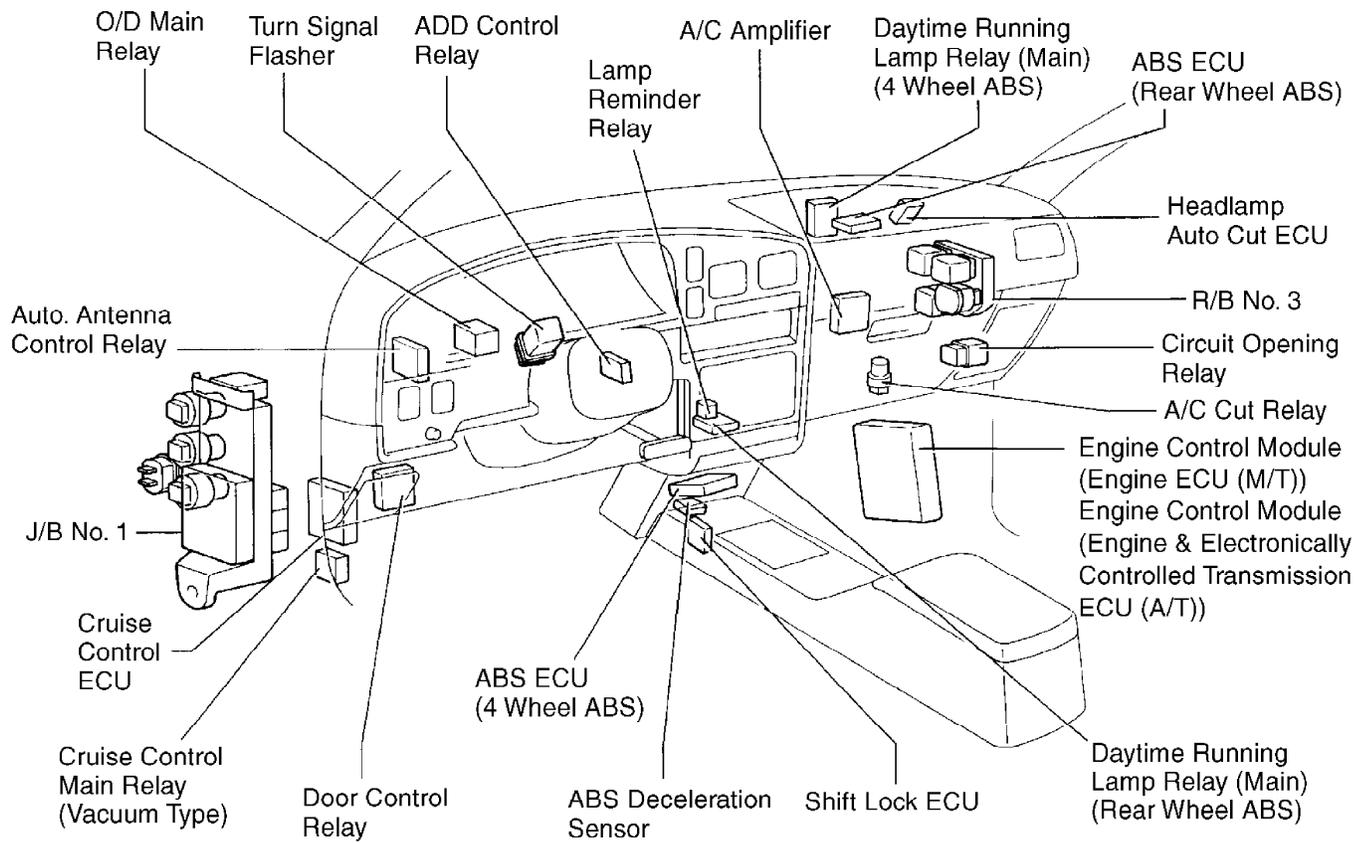
### CONTROL UNITS

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Component

Component Location

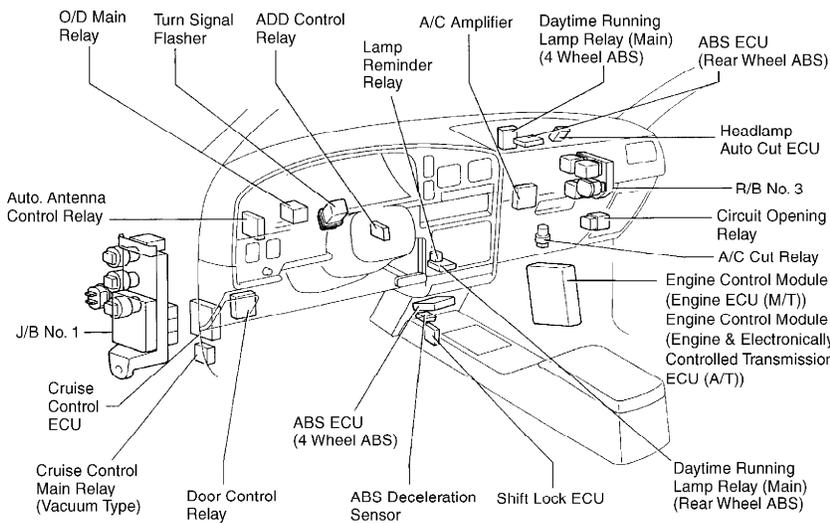
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**4Runner**

96J03734  
 ABS ECU (4Runner)  
 (Rear Wheel ABS)

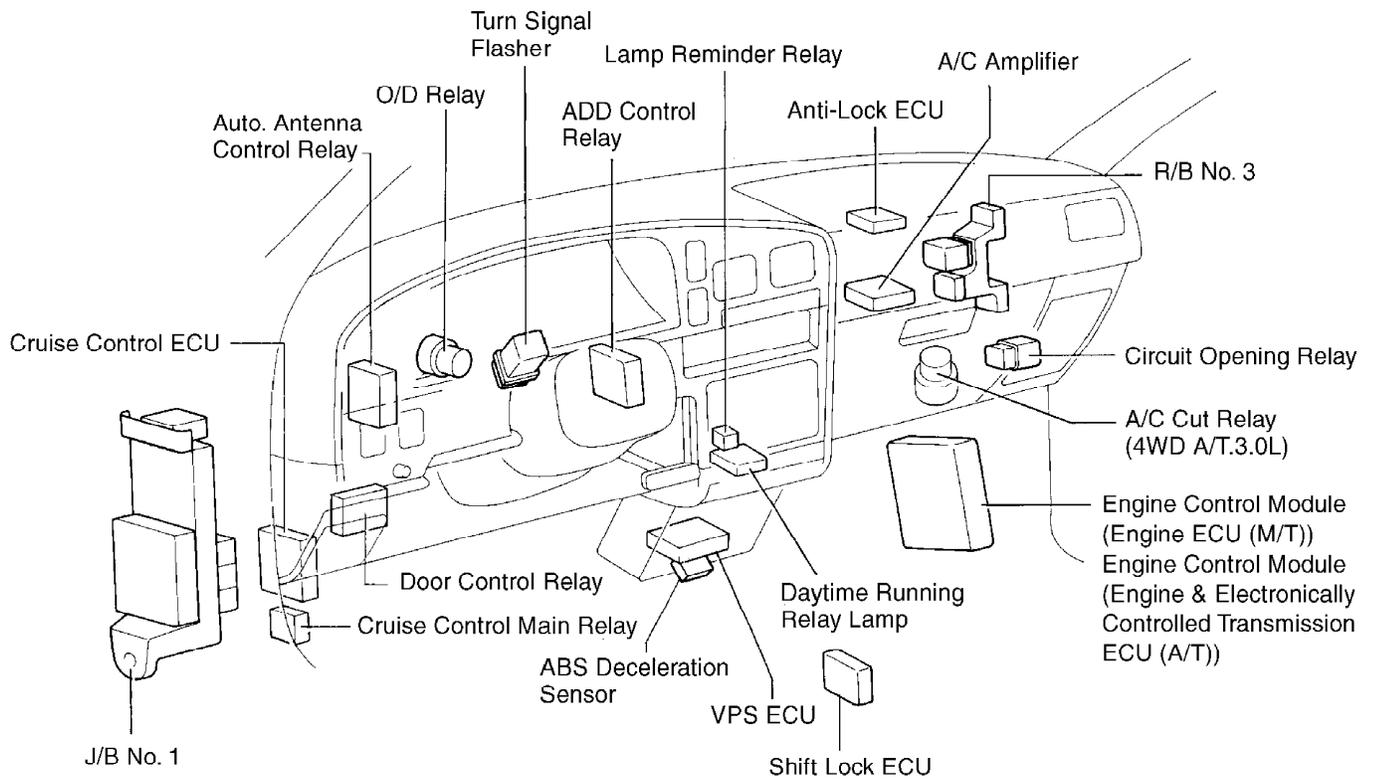
Behind right side of dash.



96J03734  
 ABS ECU (4Runner) (4 Wheel ABS)

**4Runner**

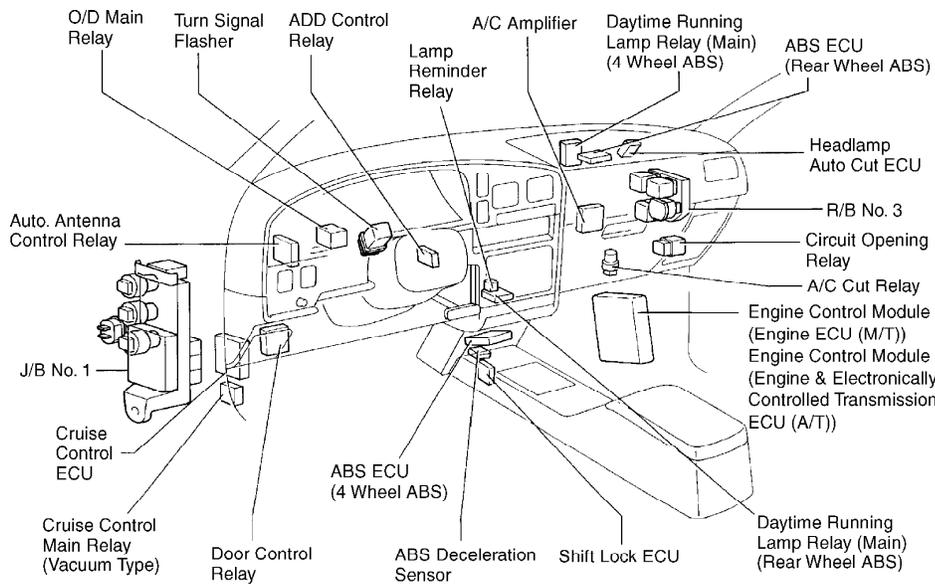
Below center of dash.



**Pickup**

96H03733  
A/C Amplifier (Pickup)

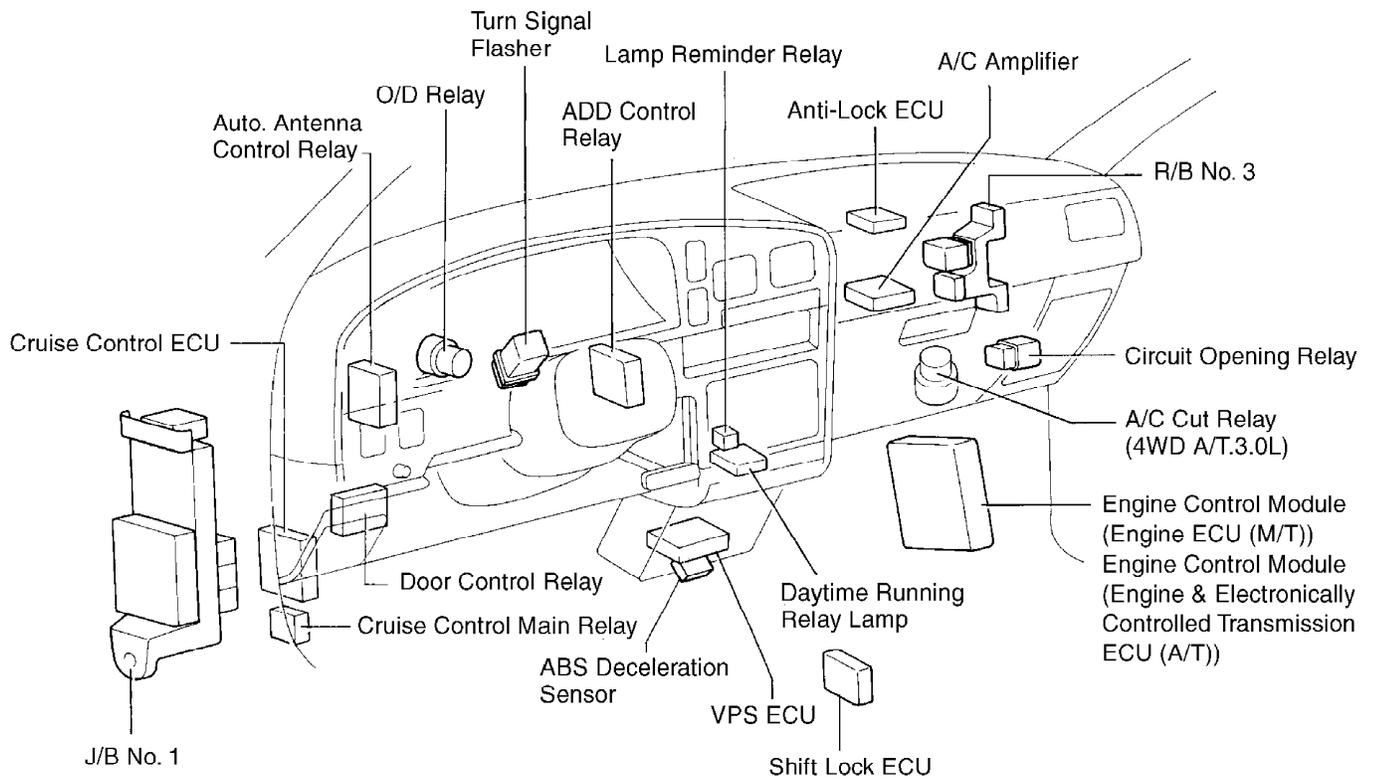
Behind right side of dash.



96J03734  
A/C Amplifier (4Runner)

**4Runner**

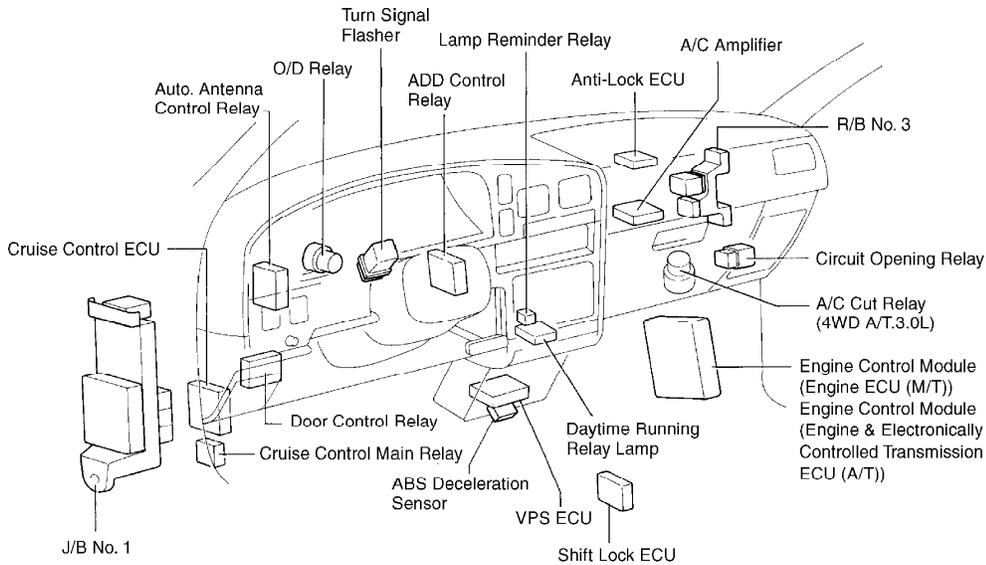
Behind right side of dash.



**Pickup**

96H03733  
Anti-Lock ECU (Pickup)

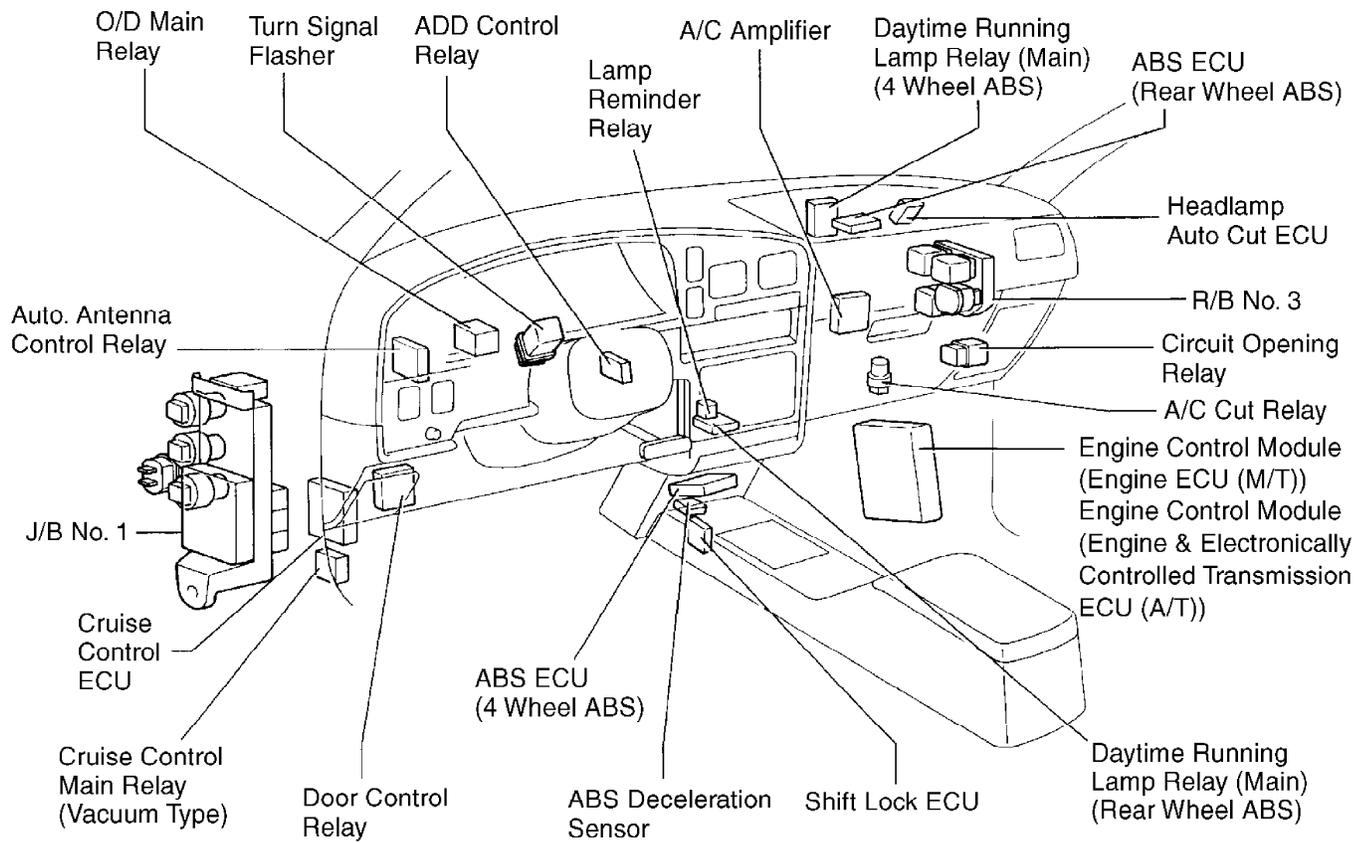
Behind right side of dash.



**Pickup**

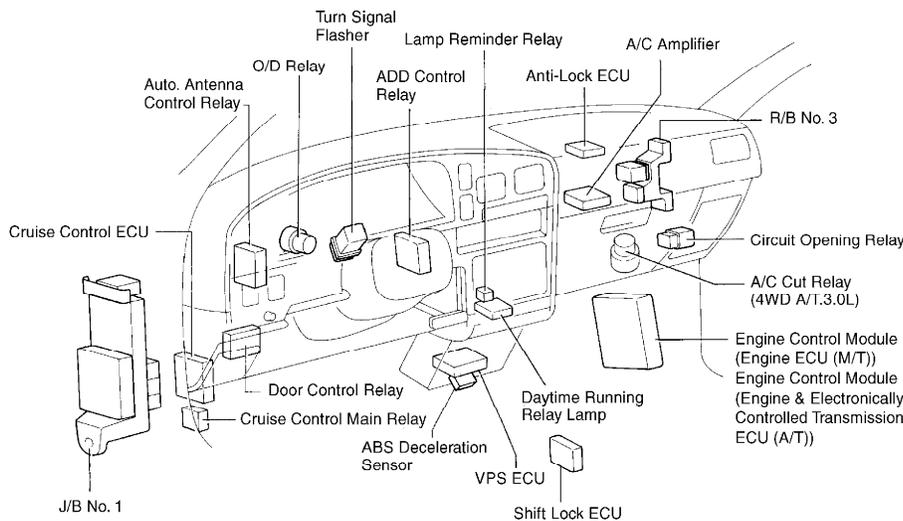
96H03733  
Cruise Control ECU (Pickup)

Behind dash, left of steering column.



96J03734  
Cruise Control ECU (4Runner)

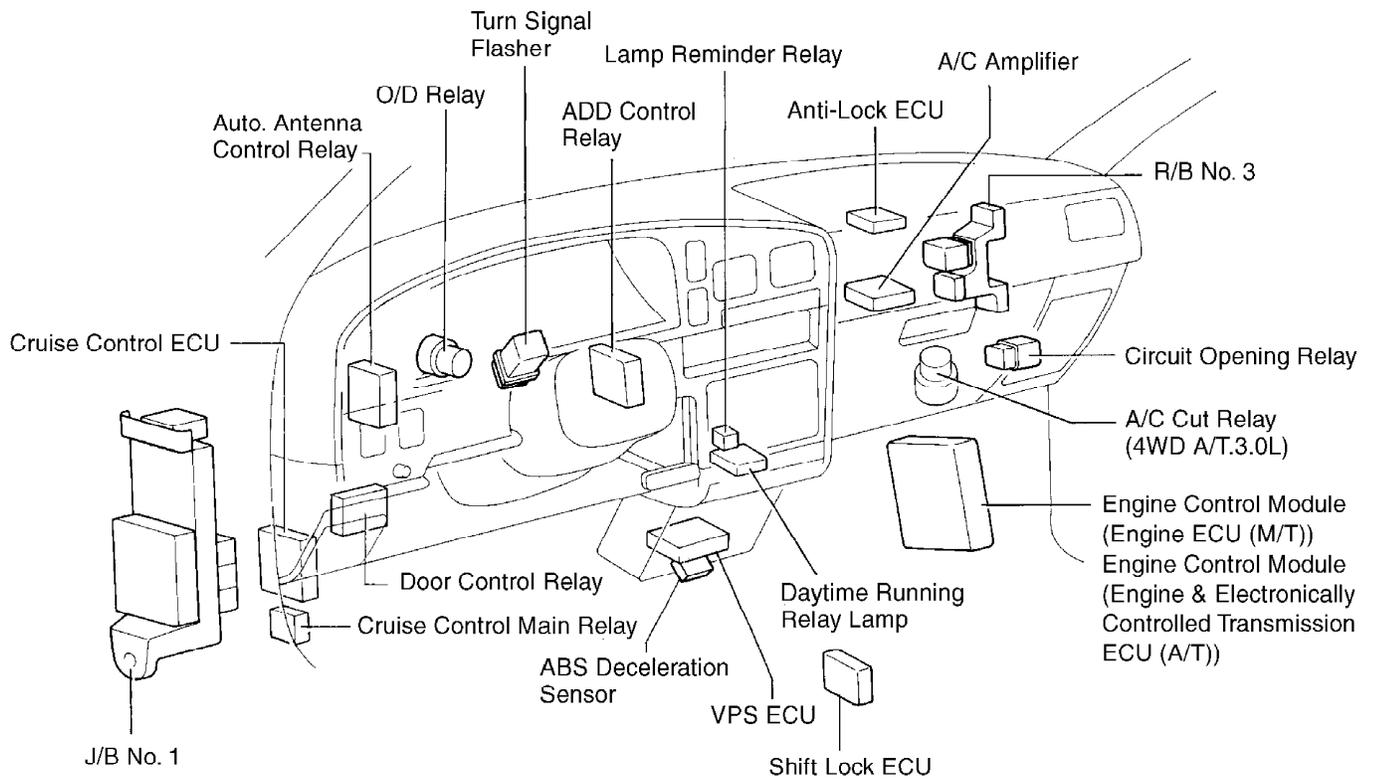
**4Runner**  
Behind dash, left of steering column.



96J103733  
Engine Control Module  
(Engine & Electronically Controlled  
Transmission ECU (A/T))

**Pickup**

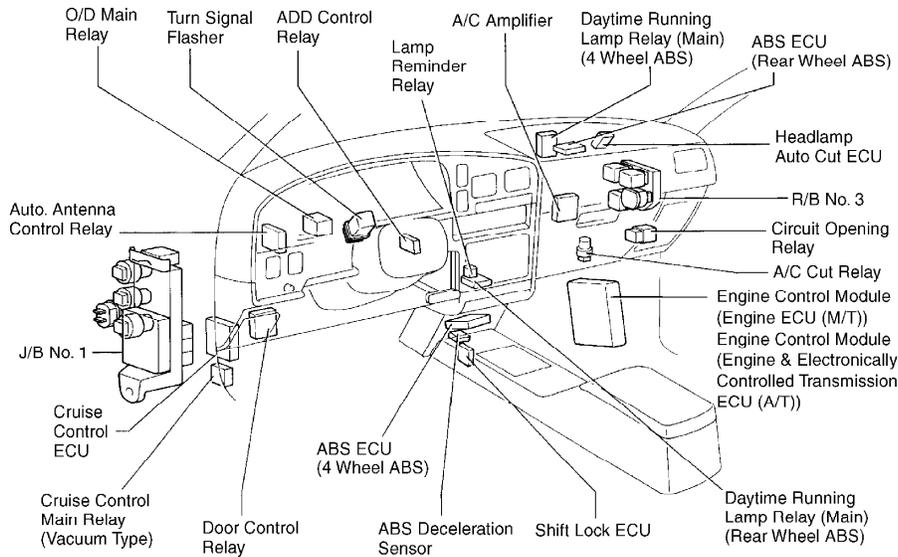
On right kick panel.



**Pickup**

96H03733  
 Engine Control Module  
 (Engine ECU (M/T)) (Pickup)

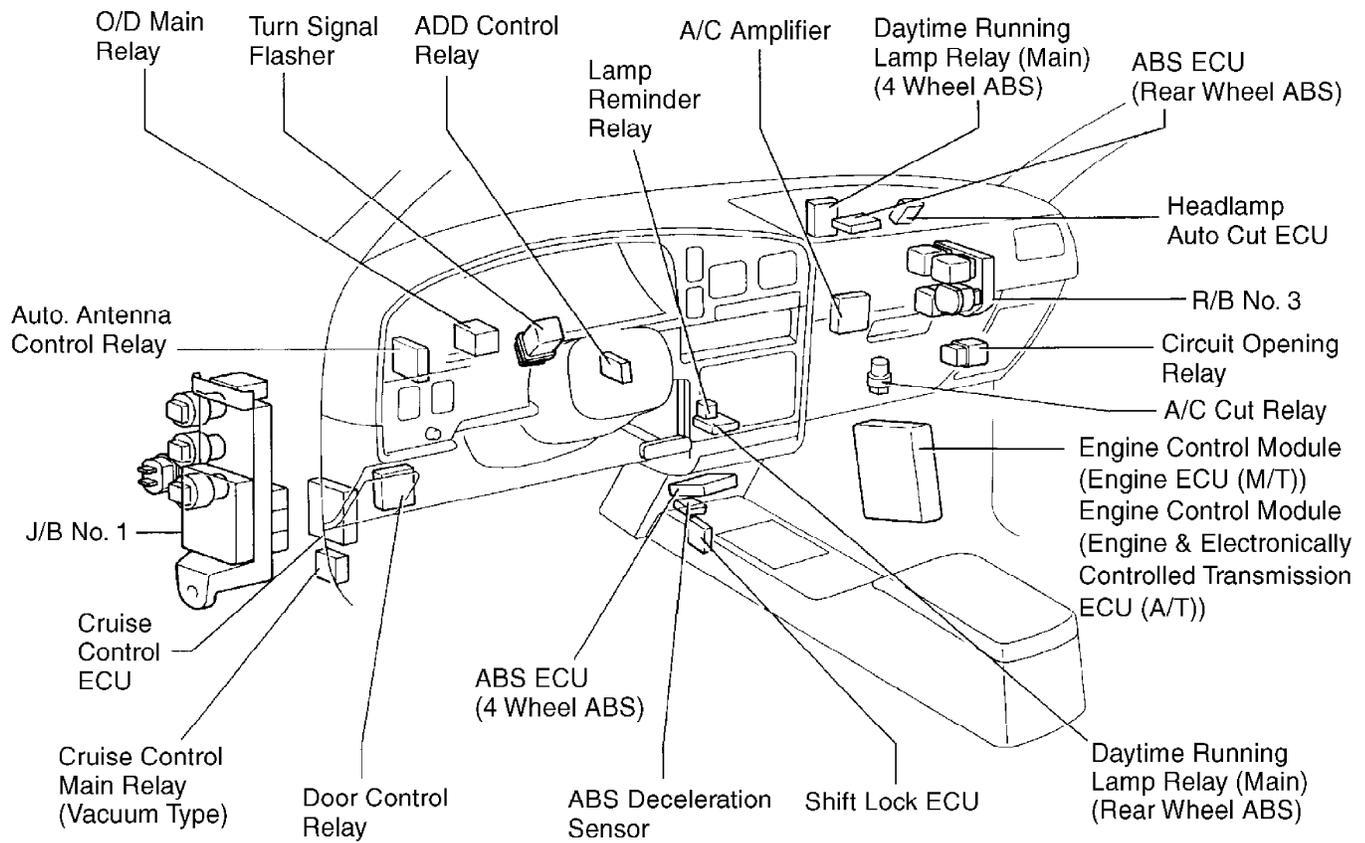
On right kick panel.



**4Runner**

96J03734  
 Engine Control Module  
 (Engine & Electronically Controlled  
 Transmission ECU (A/T)) (4Runner)

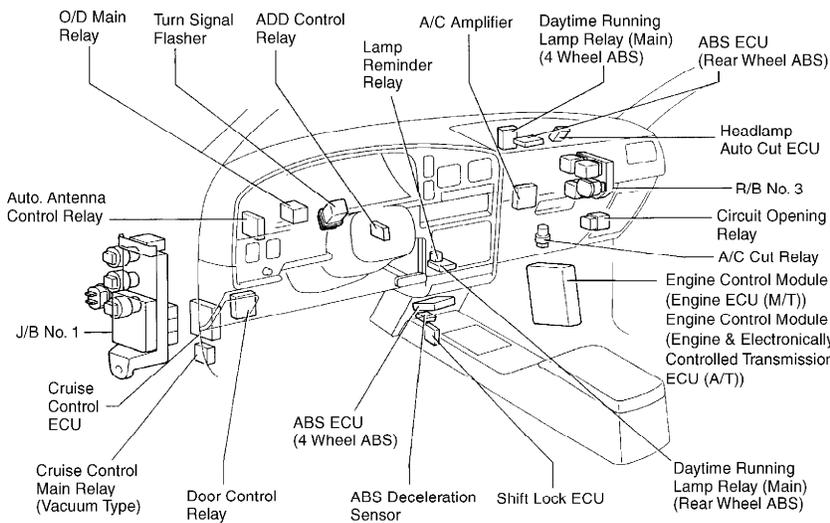
On right kick panel.



**4Runner**

96J03734  
 Engine Control Module  
 (Engine ECU) (M/T) (4Runner)

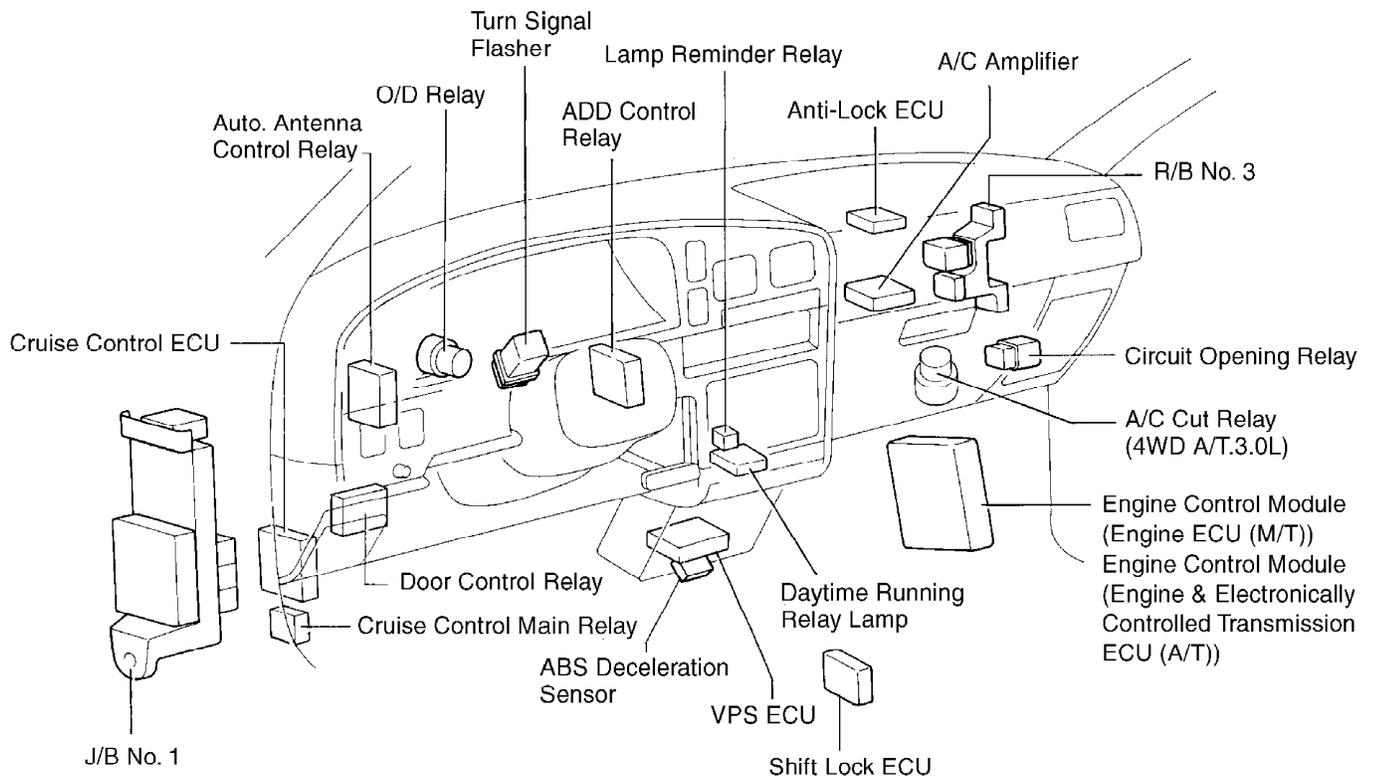
On right kick panel.



**4Runner**

96J03734  
 Headlamp Auto Cut ECU  
 (4Runner) (4 Wheel ABS)

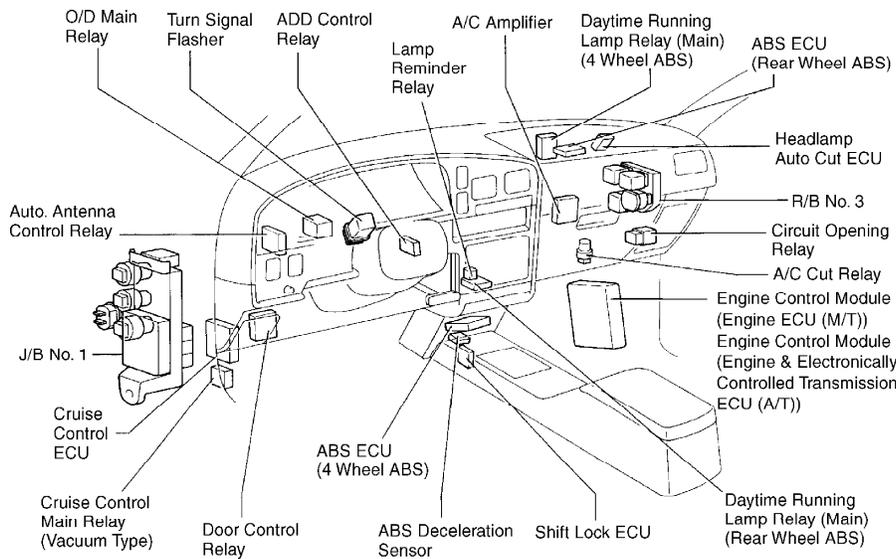
Behind right side of dash.



**Pickup**

96H03733  
Shift Lock ECU (Pickup)

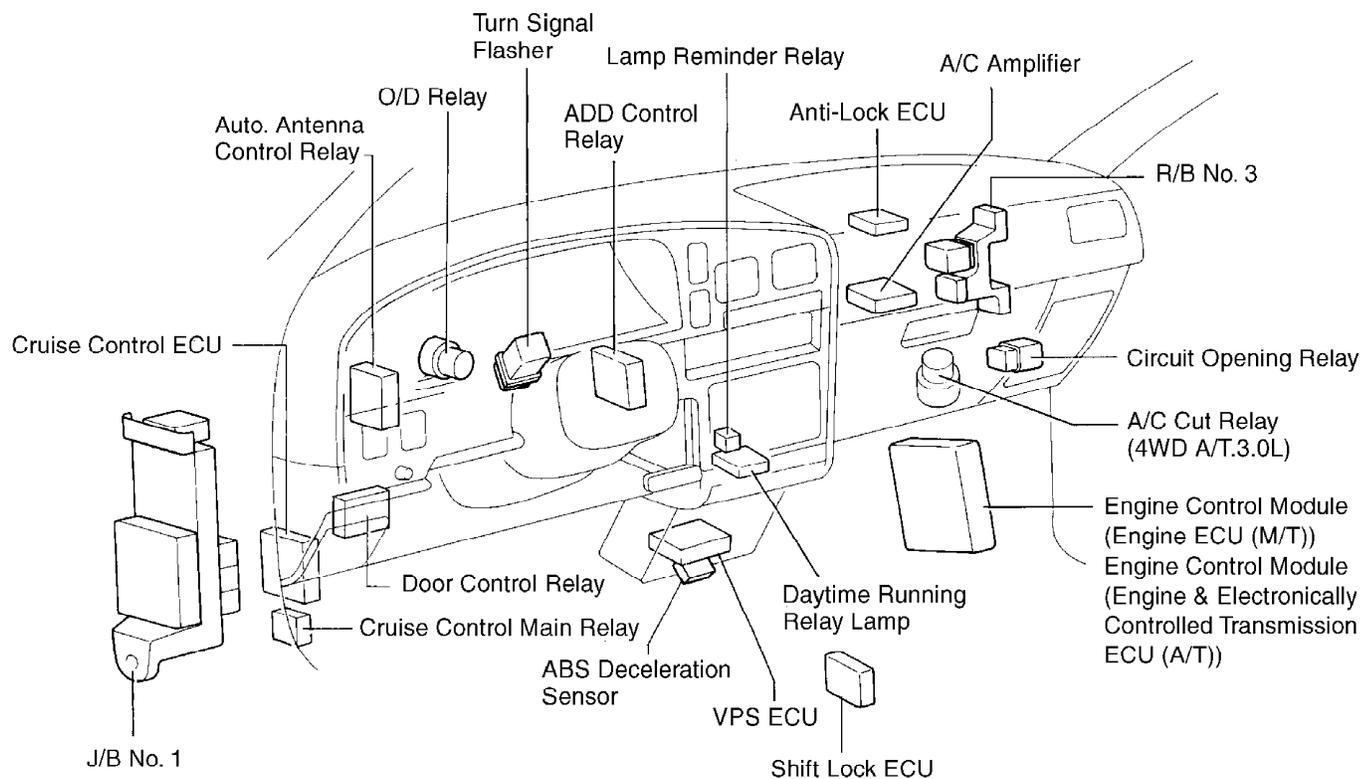
Below front console, forward of gear selector.



96J03734  
Shift Lock ECU (4Runner)

**4Runner**

Below front console, forward of gear selector.



### Pickup

96H03733  
VPS ECU (Pickup)

Below front console, forward of gear selector.

### MOTORS

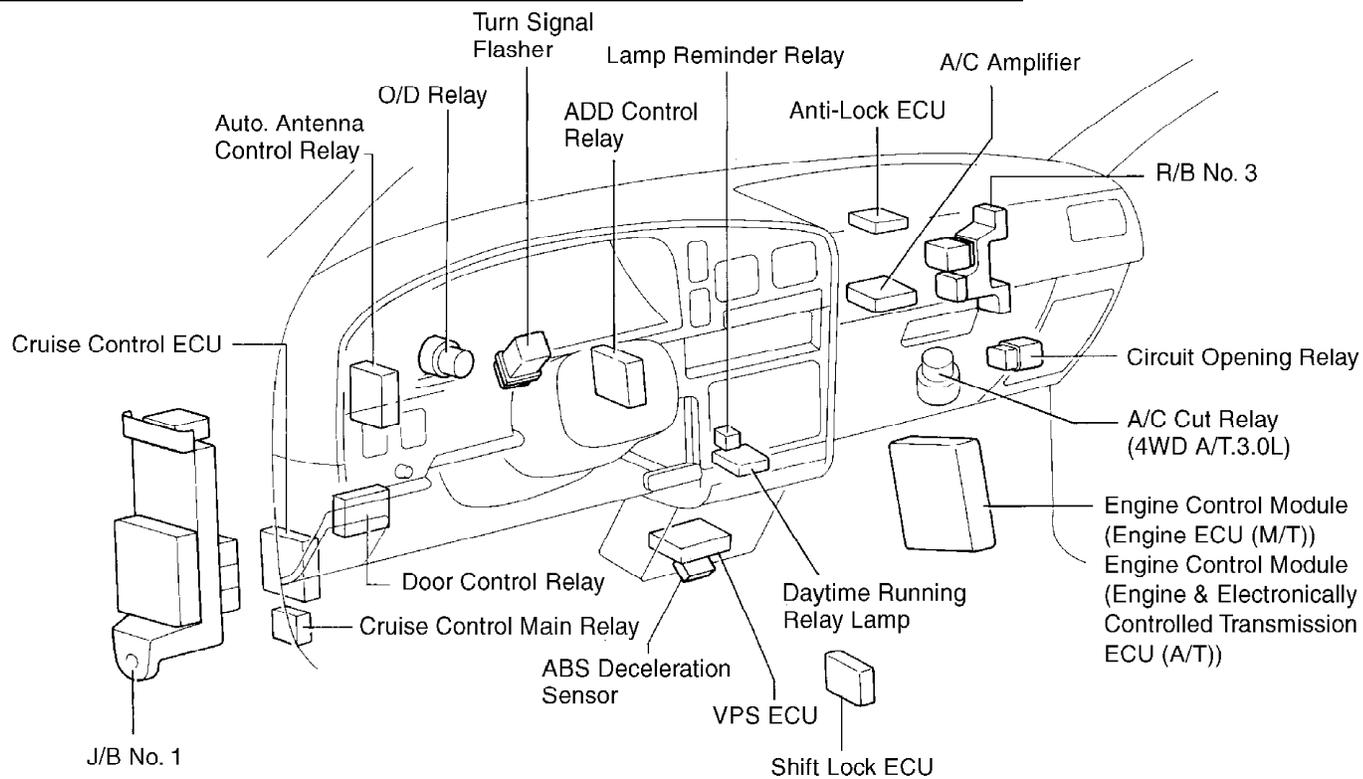
Component	Component Location
ABS Actuator (4Runner) (Rear Wheel ABS)	On right front of engine compartment.
Anti-Lock Actuator (Pickup)	On right front of engine compartment.
Auto Antenna Motor	On right front inner fender panel.
Blower Motor	Below right side of dash, on heater-A/C housing.
Cruise Control Actuator (Pickup & 4Runn)	On left side of engine compartment.
Cruise Control Vacuum Pump (Truck & 4Runn)	On left side of engine compartment.

Fuel Pump	In fuel tank.
Moon Roof Motor (4Runner)	On center underside of roof.
Washer Motor (Front)	On washer fluid reservoir.
Washer Motor (Rear) (4Runner)	On washer fluid reservoir.
Wiper Motor (Front)	On right side of firewall.
Wiper Motor (Rear) (4Runner)	On top center of back door.

## SENDING UNITS/SENSORS

Component

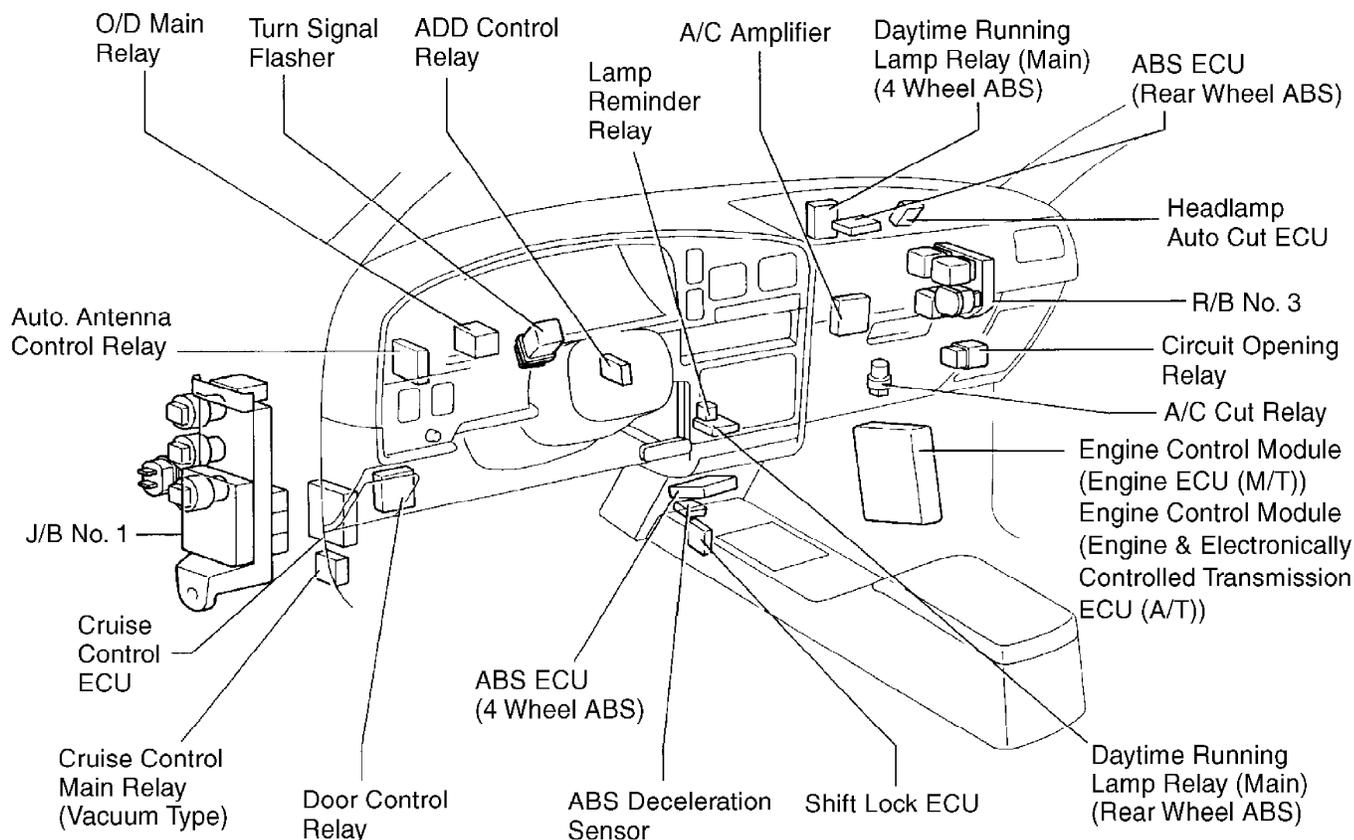
Component Location



### Pickup

96H03733  
ABS Deceleration Sensor (Pickup)

Below front console, forward of gear selector.



## 4Runner

96J03734  
ABS Deceleration Sensor  
(4Runner)

Below front console, forward  
of gear selector.

ABS Speed Sensor (Pickup)  
(Rear Wheel ABS)

On rear differential.

ABS Speed Sensor (4Runner)  
(Rear Wheel ABS)

On rear differential.

A/C Thermistor

Behind right side of dash, on  
evaporator.

EGR Gas Temperature Sensor

On right rear of engine.

Engine Coolant Temperature Sensor

On right front of engine.

Fuel Sender

In fuel tank.

Heated Oxygen Sensor (Main)

On exhaust manifold.

Heated Oxygen Sensor (Sub)

On exhaust system, rear of  
engine.

Knock Sensor

On right side of engine.

Oil Pressure Sender (Pickup)

On right side of engine.

Transfer Fluid Temperature Sensor

On right side of transmission.

Vehicle Speed Sensor	On right side of transmission.
Volume Air Flow (Air Flow Meter) next to air cleaner box.	Part of air intake assembly,
Water Temperature Sender (Truck 4Runner)	On top rear of engine.

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## SOLENOIDS/SOLENOID VALVES

Component	Component Location
A/C Idle-UP VS 4Runner)	On top of engine.
Electronically Controlled Transmission Solenoid	On right side of transmission.
Key Interlock Solenoid	On steering column, behind ignition key cylinder.
O/D Solenoid Truck)	On right side of transmission.
VSV (ADD)	On right side of engine compartment.
VSV (EGR)	On top of engine.
VSV (FPU)	On top of engine.
VSV (PAIR)	On top of engine.

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## SWITCHES

Component	Component Location
A/C Dual Pressure Switch (Pickup)	Behind right side of dash.
A/C Triple Pressure Switch (Dual & Single) (4Runner)	Behind right side of dash.
ADD Indicator Switch	On right side of engine.
Back Door Lock Detection Switch's (2) (4Runner)	On respective side of back door.
Back-Up Lamp Switch (M/T)	On right side of transmission.
Brake Fluid Level Switch	On brake fluid reservoir.
Buckle Switch	In driver's seat belt buckle.
Clutch Switch (Cruise Control)	On bracket, above clutch pedal.
Clutch Switch (Start)	On bracket, above clutch pedal.

Clutch Switch (Start Cancel)	On bracket, above clutch pedal.
Cruise Control Vacuum Switch (Truck 4Runner)	On left side of engine compartment.
Indicator Switch	On right side of transmission.
Neutral Start Switch	On transmission.
Oil Pressure Switc 4Runner)	On right side of engine.
Oil Temperature Switc 4WD A/T)	On right side of transmission
Park/Neutral Position Switch	On transmission.
Parking Brake Switch	On base of park brake lever.
Start Injector Time Switch	On right side of engine.
Stoplamp Switch	On bracket, above brake pedal.
Transfer Neutral Position Switch (Truck 4Runner)	On right side of transmission.
Transfer Oil Pressure Switch	On right side of transmission.

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## MISCELLANEOUS

Component	Component Location
ABS Check Connector (4Runner)	On right rear corner of engine compartment.
Anti-Lock Check Connector (Pickup)	On right rear corner of engine compartment.
Blower Resistor	Below right side of dash, on heater-A/C housing.
Cold Start Injector	On top right rear of engine.
Data Link Connector 1 (Check Connector)	On right side of engine compartment.
Daytime Running Lamp Resistor (Pickup & 4Runner) (Canada)	On left side of engine compartment.
Diode (ADD)	Behind right side of dash, taped to harness.
Diode (Back-Up Lamp) (Pickup)	Behind right side of dash, taped to harness.
Diode (Power Window)	Behind center of dash, taped to harness.

Diode (Rear Interior Lamp)	On left rear corner of cargo area, taped to harness.
Diode (Rear Power Window) (4Runner)	Behind center of dash, taped to harness.
Diode (Rear Window Defogger)	On left rear corner of cargo area, taped to harness.
Diodes (2) (Daytime Running Lamp System)	Behind center of dash, taped to harness.
Ignition Coil & Igniter	On left side of engine compartment.
Noise Filter (Ignition System)	On left side of engine compartment.
Resistor (Condenser Fan)	On left front of engine compartment, forward of radiator.

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