

The diagram illustrates the wiring and control logic for a vehicle's security system. It features several main sections:

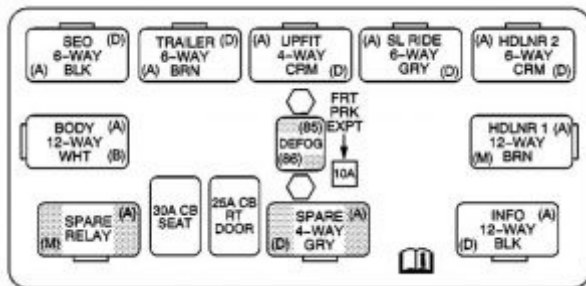
- Top Section:** Contains four main modules: RR WPR, SEO ACCY, WS WPR, and TBC ACCY.
- Left Side:** Includes IGN 3, 4WD, a door lock module (L DOOR, 12 WAY, BLACK, A), and a door control module (CB LT DOORS).
- Center:** Features HTR/AC, HVAC 1, CRUISE, and BRAKE modules.
- Right Side:** Contains a lock/unlock module (LOCK, UNLOCK, DRIVER UNLOCK, FOG L/P), and a set of relays (LT TRLR ST/TRN, LT TRIN, RT TRLR ST/TRN, RT TRIN).
- Bottom Section:** Includes auxiliary power (AUX PWR 2), a look module (LOOKS), and TBC modules (TBC 2C, FLASH, TBC 2B, TBC 2A).

 The components are interconnected with lines representing electrical wiring. Some components are grouped within larger boxes, and some have specific labels like 'A' or 'M' indicating their function or location.

LT TRN	Left Turn Signals and Sidemarkers
VEH STOP	Vehicle Stoplamps, Brake Module, Electronic Throttle Control Module
RT TRLR ST/TRN	Right Turn Signal/Stop Trailer
RT TRN	Right Turn Signals and Sidemarkers
BODY	Harness Connector
DDM	Driver Door Module
AUX PWR 2	Rear Cargo Area Power Outlets
LOCKS	Power Door Lock System
ECC	Rear Electronic Climate Control
TBC 2C	Truck Body Controller
FLASH	Flasher Module
CB LT DOORS	Left Power Window Circuit Breaker
TBC 2B	Truck Body Controlle
TBC 2A	Truck Body Controlle

Center Instrument Panel Utility Block

The center instrument panel utility block is located underneath the instrument panel, to the left of the steering column.



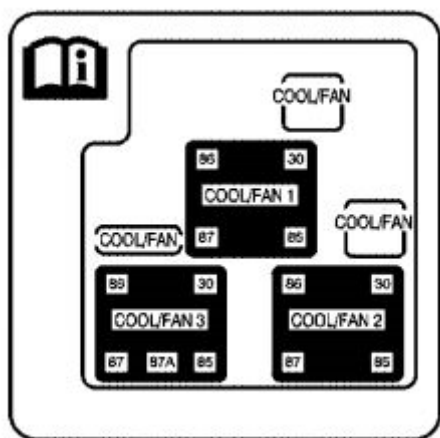
GMC Yukon – fuse box – center instrument panel

Relay name	Usage
SEO	Special Equipment Option
TRAILER	Trailer Brake Wiring
UPFIT	Upfitter (Not Used)
SL RIDE	Ride Control Harness Connection
HDLR 2	Headliner Wiring Connector
BODY	Body Wiring Connector
DEFOG	Rear Defogger Relay
HDLNR 1	Headliner Wiring Connector 1
SPARE RELAY	Not Used
CB SEAT	Driver and Passenger Seat Module Circuit Breaker

VSES/ECAS	Vehicle Stability
IGN A	Ignition Power
IGN B	Ignition Power
LBEC 1	Left Bussed Electrical Center, Left Doors, Truck Body Controller, Flasher Module
TRL PARK	Parking Lamps Trailer Wiring
RR PARK	Right Rear Parking and Sidemarker Lamps
LR PARK	Left Rear Parking and Sidemarker Lamps
PARK LP	Parking Lamps Rela
STARTER	Starter Relay
INTPARK	Interior Lamps
STOP LP	Stoplamps
TBC BATT	Truck Body Controller Battery Feed
SUNROOF	Sunroof
SEO B2	Off-Road Lamps
4WS	Vent Solenoid Canister/Quadrasteer Module Power
RR HVAC	Rear Climate Control
AUX PWR	Auxiliary Power Outlet — Console
IGN 1	Ignition Relay
PCM 1	Powertrain Control Module
ETC/ECM	Electronic Throttle Control, Electronic Brake Controlle
IGN E	Instrument Panel Cluster, Air Conditioning Relay, Turn Signal/Hazard Switch, Starter Relay
RTD	Ride Control
TRL B/U	Backup Lamps Trailer Wiring
PCM B	Powertrain Control Module, Fuel Pump
F/PMP	Fuel Pump (Relay)
B/U LP	Back-up Lamps, Automatic Transmission Shift Lock Control System
RR DEFOG	Rear Window Defogger
HDLP-HI	Headlamp High Beam Relay
PRIME	Not Used
SIR	Supplemental Inflatable Restraint System
FRT PARK	Front Parking Lamps, Sidemarker Lamps

DRL	Daytime Running Lamps (Relay)
SEO IGN	Rear Defog Relay
TBC IGN1	Truck Body Controller Ignition
HI HDLP-LT	High Beam Headlamp-Left
LH HID	Not Used
DRL	Daytime Running Lamps
IPC/DIC	Instrument Panel Cluster/Driver Information Center
HVAC/ECAS	Climate Control Controller
CIG LTR	Cigarette Lighter
HI HDLP-RT	High Beam Headlamp-Right
HDLP-LOW	Headlamp Low Beam Relay
A/C COMP	Air Conditioning Compressor
A/C COMP	Air Conditioning Compressor Relay
RR WPR	Rear Wiper/Washer
RADIO	Audio System
SEO B1	Mid Bussed Electrical Center, HomeLink, Rear Heated Seats
LO HDLP-LT	Headlamp Low Beam-Left
BTSI	Brake Transmission Shift Interlock System
CRANK	Starting System
LO HDLP-RT	Headlamp Low Beam-Right
FOG LP	Fog Lamp Relay
FOG LP	Fog Lamps
HORN	Horn Relay
W/S WASH	Windshield and Rear Window Washer Pump Relay
W/S WASH	Windshield and Rear Window Washer Pump
INFO	OnStar/Rear Seat Entertainment
RADIO AMP	Radio Amplifier
RH HID	Not Used
EAP	Electric Adjustable Pedal
TREC	All-Wheel Drive Module
SBA	Supplemental Brake Assist

Auxiliary Electric Cooling Fan Fuse Block



GMC Yukon – fuse box – auxiliary electric cooling fan

The auxiliary electric cooling fan fuse block is located in the engine compartment on the driver's side of the vehicle next to the underhood fuse block.

Fuses	Usage
COOL/FAN	Cooling Fan
COOL/FAN	Cooling Fan Relay Fuse
COOL/FAN	Cooling Fan Fuse

Relays	Usage
COOL/FAN 1	Cooling Fan Relay 1
COOL/FAN 3	Cooling Fan Relay 3
COOL/FAN 2	Cooling Fan Relay 2