

Date: Friday, May 10, 2002Mastery [Individual]

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Test Name: VUE.TST

Test Date: Monday, February 18, 2002

School/Class: VUE-PT-TN

Instructor: HENDERSON 05/06/02

Score: 46 of 47 (98%)

Student: 285867259 FAULKNER ROBERT

# of Objectives:	# of Items	Maximum Score	Mastery Points	% Points Received	Mastery Received	
9						
SUV ENG MECH	6	6	70	6	100	●
SUV HVAC	3	3	70	3	100	●
SUV VT25E	9	9	70	9	100	●
SUV AWD SYSTEM	5	5	70	5	100	●
SUV BODY SYSTEMS	4	4	70	4	100	●
SUV F23 MAN TRANS	7	7	70	7	100	●
SUV BRAKE/CHAS/STEER	6	6	70	6	100	●
SUV WET FUELS	2	2	70	2	100	●
SUV AF33-5	5	5	70	4	80	●
OVERALL	47	47		46	98	9

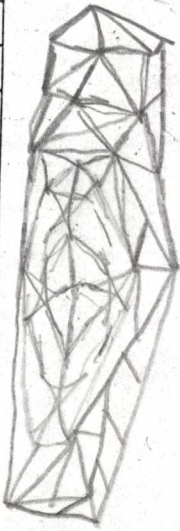
Key: ● Mastery Achieved

○ Partial Mastery Achieved

○ None correct

VUE Technical Training Acronym List

ABS	Anti-lock Brake System
AC	Air Conditioning
APP	Accelerator Pedal Position Sensor
AWD	All Wheel Drive
BCM	Body Control Module
BPMV	Brake Pressure Modulator Valve
BTSI	Brake, Transmission Shift Interlock
CAN	Controller Area Network
CHOM	Child Hold Out Mechanism
CIM	Communication Interface Module
CO	Carbon Monoxide
DRL	Daytime Running Lamps
DRP	Dynamic Rear Proportioning
DTC	Diagnostic Trouble Code
EBTCM	Electronic Brake/Traction Control Module
ECCC or EC ³	Electronically Controlled Clutch Capacity
ECM	Engine Control Module
EGR	Exhaust Gas Recirculation
ELPO	Electro Deposition Primer
EPS	Electronic Power Steering
FLVV	Fuel Limit Vent Valve
FOD	Front Of Dash
FWD	Front Wheel Drive
GPS	Global Positioning System
HVAC	Heating, Ventilation & Air Conditioning
IAT	Intake Air Temperature
IPC	Instrument Panel Cluster
IPFB	Instrument Panel Fuse Block
ISS	Input Speed Sensor
ITD	Internally Tuned Damper
MAP	Manifold Absolute Pressure
MIL	Malfunction Indicator Lamp
NI	Neutral Idle
NVH	Noise Vibration Harshness
OSS	Output Speed Sensor
PCV	Positive Crankcase Ventilation
PTU	Power Takeoff Unit
R/D	Receiver/Dehydrator
RDM	Rear Drive Module



VUE Technical Training Acronym List

RIA	Retailer Installed Accessory
RKE	Remote Keyless Entry
RTV	Room Temperature Vulcanizing sealant (cures when exposed to air)
SDM	Sensing and Diagnostic Control Module
SES	Service Engine Soon
SIR	Supplemental Inflatable Restraints
SIS	Side Impact Sensor
SSS	Saturn Service Stall
STT	Saturn Technician Training
TAC	Technical Assistance Center
TCC	Torque Converter Clutch
TCM	Transmission Control Module
TCS	Traction Control System
TFT	Transmission Fluid Temperature
TXV	Thermal Expansion Valve
UHFB	Underhood Fuse Block
VSS	Vehicle Speed Sensor



Please distribute to:	
General Manager	X
Fixed Operations Manager	X
Parts Manager	
Technician	X
Body Shop	

NO: 02-1-03
DATE: January, 2002

SERVICE INFORMATION BULLETIN

SUBJECT:

Operating Instructions for VUE Inside Rearview Mirrors
Electrochromic Day/Night Rearview Mirror with Compass and Temperature Display (RPO DF5)
Electrochromic Day/Night Rearview Mirror with Compass, Temperature Display, and OnStar® (RPO DH3)

TO:

Saturn General Manager, Sales Manager, Fixed Operations Manager, and Technicians

PURPOSE:

The purpose of this bulletin is to provide instructions for two of the three available inside rearview mirrors on the Saturn VUE. This information was inadvertently omitted from the 2002 Saturn VUE Owner's Handbook and 2002 Service Manual. The instructions cover how to operate the dimming feature, change the temperature/compass display, and also how to calibrate the compass.

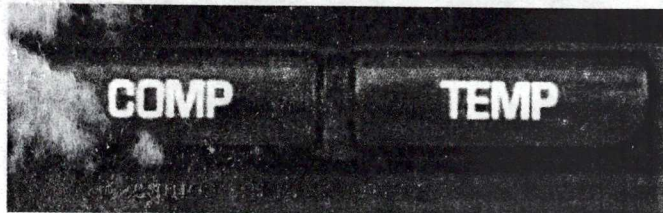
Electrochromic Day/Night Rearview Mirror with Compass and Temperature Display

Your vehicle may have an automatic-dimming rearview mirror with a compass and temperature display.

When turned on, an electrochromic mirror automatically dims to the proper level to minimize glare from headlamps behind you after dark.

The mirror has an eight-point compass and temperature display in the upper right corner of the mirror face. The display shows the current outside temperature and the vehicle's current direction.

Automatic Dimming Feature



The automatic dimming feature is turned on or off by briefly pressing the COMP button located on the bottom of the mirror face. A light on the mirror will be lit when the feature is turned on. The light will go out when the feature is turned off.

Temperature Display

The TEMP button located on the bottom of the mirror face changes the temperature display. You can select degrees Fahrenheit (°F), degrees Celsius (°C), or turn the display off.

Compass Operation

There is a compass display in the window in the upper right corner of the mirror face. The compass displays a maximum of two characters. For example, "NE" is displayed for north-east.

Compass Calibration

Press and hold the COMP button down for 6 seconds to activate the compass calibration mode. If your vehicle has the mirror with the compass, temperature display and OnStar® system, press the on/off button for 9 seconds. "CAL" will be displayed in the compass/temperature window on the mirror.

The mirror can be calibrated in one of two ways:

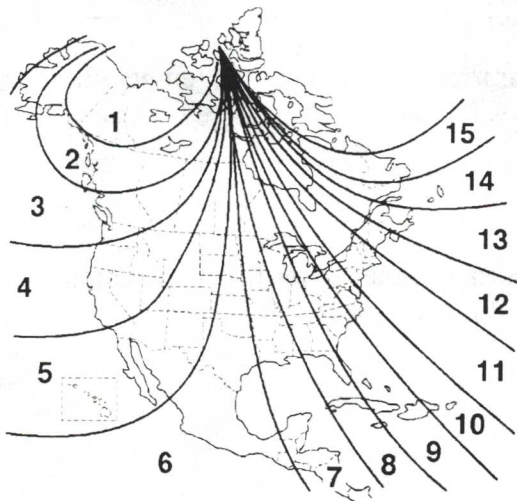
- Drive the vehicle in circles at 5 mph (8 km/h) or less until the "CAL" display disappears.
- Drive the vehicle on your everyday routine. (This method may take longer to calibrate.)

Compass Variance

The mirror is set to zone eight upon leaving the factory. It will be necessary to adjust the compass to compensate for compass variance if you live outside of zone eight. Under certain circumstances, such as during cross-country trip, it will be necessary to adjust for compass variance. Compass variance is the difference between the earth's magnetic north and true geographic north. If not adjusted to account for compass variance, your compass could give false readings.

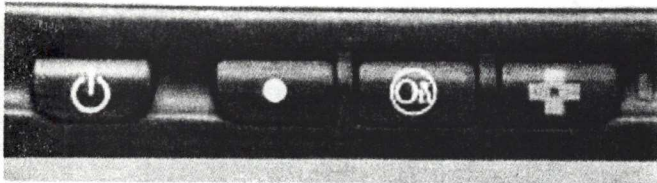
To adjust for compass variance, do the following:

1. Find your current location and variance zone number on the map.



2. Press and hold the COMP button for 3 seconds. If your vehicle has the mirror with the compass, temperature display and OnStar® system, press the on/off button for 6 seconds. Release the button when the “Zone” is displayed. The number shown is the current zone number.
3. Scroll through the zone numbers that appear in the compass/temperature window on the mirror by pressing the COMP button or the on/off button. Once you find your zone number, release the button. After about 4 seconds, the mirror will return to the compass and temperature display, and the new zone number will be set.

Electrochromic Day/Night Rearview Mirror with Compass, Temperature Display, and OnStar®



Your vehicle may have an automatic-dimming rearview mirror with a compass and temperature display and the OnStar® system.

When turned on, the mirror functions exactly like the electrochromic mirror described previously. The mirror also has an eight-point compass and temperature display in the upper right corner on the mirror face. There is also a three-button OnStar® system.

Automatic Dimming Feature

The automatic dimming feature is turned on and off by pressing the far left button, located on the lower part of the mirror face, for up to 3 seconds. A light on the mirror will be lit when the feature is turned on. The light will go out when the feature is turned off.

Temperature Display

The on/off button located on the far left of the bottom of the mirror face changes the temperature display. By briefly depressing the on/off button, you can select degrees Fahrenheit (°F), degrees Celsius (°C), or turn the display off.

Compass Operation

There is a compass display in the window in the upper right corner of the mirror face. The compass displays a maximum of two characters. For example, "NE" is displayed for north-east.

SUV – Retailer Installed Accessories

Feature/Benefit document

Neoprene Seat Covers

- Made of custom fitted neoprene material
- Keeps seats clean and new as the day the vehicle was purchased
- Water resistant
- Offered in two colors, outlined in black (colors not determined yet)
- Saturn logo embroidered on seatback
- Kit contains headrest, seatback, seatbottom and armrest covers.
- Installation time is approx. 5 minutes per seat

Slip Cover

- Made of a custom fitted, rugged stormshield Material
- Keeps seats clean and new as the day the vehicle was purchased
- Easily cleaned
- Water resistant
- Offered in black only
- Saturn logo embroidered on seatback
- Quick installation (approx. 45 seconds)
- Kit contains headrest, seatback and seatbottom and armrest covers.

Windshield Sunshade

- Made of a reflective film to keep the vehicle interior cooler when in direct sunlight
- Saturn logo printed on the front.
- Installed in seconds
- Rolls up neatly for storage and is secured with a strap

Vehicle Cover

- Made of Triguard material
- Comes with storage bag
- Custom fit to the VUE
- Color is gray

Cargo Mat

- Made of a flexible PVC material
- Cargo mat covers the complete cargo area floor
- Offered in two colors (Gray and Neutral) w/ black outline
- Honeycomb design with the Saturn logo embossed in black
- Will prevent spills from ruining the rear cargo carpet

Cargo Net

- Helps secure cargo in cargo area
- Easy to use

Rubber Floor Mats

- Made of a flexible PVC material
- The floor mats will be sold as a set of 4 or the front and rear mats can be purchased separately
- Offered in two colors (Gray and Neutral) w/ black outline
- The mat will have a honeycomb design with the Saturn logo embossed in black
- Designed to keep mud and snow and other evidence of the seasons off your carpet

Hood Air Deflector

- The hood deflector is made of a black high-impact polymer
- Deflector protects the front of the hood from stones and road debris
- Attaches to the front edge of the hood
- No drill installation (attached to the hood with double sided closed-cell foam tape)
- Quick installation (approximately 5 minutes to install)

Liftgate Air Deflector

- The liftgate deflector is made of a black high-impact polymer
- Attaches to the top edge of the liftgate
- Deflector diverts air across the rear window when driving, reducing the accumulation of dust on the rear window
- No drill installation (attached to the hood with double sided closed-cell foam tape)
- Quick installation (approximately 5 minutes to install)

Side Window Air Deflectors

- The side window air deflectors are made of a black high-impact polymer
- Deflectors bring fresh air in while keeping the weather out
- The package will contain 4 deflectors (front and rear side window deflectors)
- No drill installation (attaches to the door with double sided closed-cell foam tape)
- Quick installation (approximately 3 minutes per door)

¼ Round Sunroof Deflector

- Made of a smoked high-impact polymer
- Designed to keep most wind from sneaking through the sunroof opening
- No drill installation (attaches to the sunroof opening using 2 attaching clips and 2 screws)
- Installation time is approximately 15 minutes

Rail To Rail Sunroof Deflector

- Made of a black high-impact polymer
- Designed to reduce wind from sneaking through the sunroof opening
- No drill installation (attaches across the front of the roof line and to each side of the roof rail with a closed-cell foam tape)
- Installation time is approximately 15 minutes

Splash Guards

- Made of a TPO material
- Designed to mate up to the rear bumper fascia and front fender giving the look of a production option
- Molded splash guards are gray in color to match the rear bumper fascia and rocker molding
- Designed to keep sand, mud, stones, and road salt off your car, forming a barrier between the tires and body panels
- Quick installation (approximately 10 minutes per splash guard)

Rear Bumper Pad

- Made of a black TPO material
- Designed to protect the finish on top of the rear bumper fascia and to increase traction when standing on top of the bumper fascia (accessing the roof rack area or washing vehicle)
- No drill installation (attaches to the rear bumper fascia with a closed-cell foam tape)
- Quick installation (approximately 5 minutes)

Roof Rack Cargo Box

- 16 ft³ capacity
- Aerodynamic design
- Simple central locking system
- Dual side opening
- Quick release attachment after installation

Hitch Mounted Bike Carrier

- Attaches to the trailer hitch
- Carrier can hold up to 4 bikes
- Made of steel tubing that is powder coated in black
- Equipped with a quick release device to allow access to the rear cargo area when the bike rack is installed

Body Side Graphics

- Offering 2 different designs
 1. Front swoosh
 2. Lower swoosh
- Made of a vinyl material
- The front swoosh is multi-color chromoflare (color changes in different lighting)
- The lower swoosh is also multi-color chromoflare (color changes in different lighting) and has a single solid gray stripe down the center
- Installation time is approximately 15 minutes per side

Front Grille Guard

- Attaches to the front of vehicle frame and extends out in front of the bumper fascia
- Attaching brackets are steel and the cross tube is clear anodized aluminum
- Cross bar is 3" in diameter
- The plastic uprights are made of a UV resistant plastic
- Installation time is approximately 20 minutes

Side Step Bars

- Side assist steps are made of 3" diameter clear anodized aluminum
- The side steps have one continuous step pads on each side
- Side steps ease access to the passenger compartment, and offer assist when washing vehicle and loading roof rack
- Installation time is approximately 40 minutes per side

Trailer Hitch

- This is a class II hitch designed with a 2500 lb. towing capacity (250 lbs. tongue weight)
- Designed to receive a 1 1/4" ball mount
- Rear tow hooks are also designed into the trailer hitch
- Wire harness is part of the hitch package
- Ball mount and balls (1 7/8" and 2" balls) sold separately
- Installation time is approximately 20 minutes

Interior Trim Kits

- Offering two kits
 1. Brushed aluminum
 2. Real Carbon fiber
- Attached with closed-cell foam tape
- Complements the existing interior trim

Interior Bike Rack

- No drill installation
- Mounts to the cargo area floor of the vehicle
- Holds two bikes (front fork mount)
- Rear seats must be folded flat when the bikes are in position
- Added security for today's expensive bikes
- Interior bike rack installation time is approximately 5 minutes

Wheel Locks

- One lock per wheel foils would-be thieves
- Comes with a special key that works with a standard lug wrench
- Available with alloy wheels

Locking Gas Cap

- Theft deterrent device to stop would-be thieves
- Key provided

Cargo Shade

- Keeps contents inside vehicle cargo area out of sight
- Provides protection from sunlight

Front End Cover

- Stylish, functional and removable
- Protects against flying insects and loose gravel

Engine Block Heater

- Provides warm engine start-up for cold weather conditions
- Requires use of Engine Coolant Heater Cord

Ashtray Assembly

- Functional and attractive

Glove Box Lock

- Secures valuables in glove box
- Opens with a key

Roof Rack Cross Bars

- Extruded black anodized aluminum channel with plastic stanchions which attach to the side rails with one bolt per stanchion
- Adjusts to five positions
- Designed to accept all roof rack accessories currently released for the "S" and "L" series vehicles with the exception of the front fairing
- Fasteners replace roof bolts and must be installed 48 hours prior to use
Installation time for fasteners is 15 minutes. Installation time is approximately 5 minutes for each bar

Roof Rack attachments:

Ski Attachment

- 4 pair skis / 1 snowboard
- Carrier is available with left or right side hinge

Bike Attachment-fork mount

- Bike must have removable front tire
- Use with wheel attachment, locking cable and wheel straps (sold separately)

Locking Cable

- Secure wheel for fork mount bike carrier and/or bike for either fork or wheel mount

Bike Attachment-wheel holder

- Use with fork mounted bike
- Secures front wheel to rack

Cargo Straps

- Two 132" polypropylene straps (11 ft)
- Tightly woven to prevent stretching
- Heavy duty metal spring buckles
- Plastic sleeves separate buckles from cargo

Bike Attachment-upright

- Wheel mount (upright - wheels rest in channel)
- Vertical support bar attaches to bike's down tube or seat tube
- Fits all bikes with tube up to 2" diameter

Boat/canoe/dinghy gunnel bracket attachment

- Four brackets which provide shoulder support for boats, canoes and dingies
- Use with cargo straps (sold separately)

Kayak/boat/sail board saddle

- Four polyurethane saddles to support a boat, kayak, or board
- Use with cargo straps (sold separately)

Surf/sailboard cushion

- Two polyurethane pads with non-slip design

POWERTRAIN FLUIDS REFERENCE CHART (S-SERIES, L-SERIES AND VUE)

Component	S-Series	L-Series	VUE
VT TRANSAXLE	N/A	N/A	VT25E DEX-CVT®: 22688912 Color: Green Additive: 22697447 Color: Clear
AUTO TRANSAXLE 4-CYL	MP6/MP7 Service: 21005856 Color: Red	4T40 Service: 21019223 Color: Red	N/A
AUTO TRANSAXLE 6-CYL	N/A	4T45 Service: 21019223 Color: Red	AF33-5 Saturn T-IV: 22689186 Color: Red
MANUAL TRANSAXLE 4-CYL	MP2/MP3 Service: 21005856 Color: Red	F25 Service: 21018899 Color: Red	F23 Service: 21019223 Color: Red
ENGINE: 4-CYL	SOHC L24/LK0 DOHC LLO Service (5W-30): 21007582 (qt) 21007414 (qt) 21007412 (bulk)	2.2L 4-CYL Service (5W-30): 21007582 (qt) 21007414 (qt) 21007412 (bulk)	2.2L 4-CYL Service (5W-30): 21007414 (qt) 21007412 (bulk)
ENGINE 6-CYL	N/A	3.0L 6-CYL Service (5W-30): 21007582 (qt) 21007414 (qt) 21007412 (bulk)	3.0L 6-CYL Service (5W-30): 21007414 (qt) 21007412 (bulk)
PTU & RDM	N/A	N/A	Versatrak® U.S.: 12378514 Canada: 88901045

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WELCOME SATURN TECHNICIANS !!!

Welcome to the Saturn Service Technical Training Center, Spring Hill, Tennessee! This specialized training center has been designed and constructed exclusively to meet the high performance demands of a very elite group of individuals -- Saturn Service Technicians. We are very pleased to have you as our guests, and will strive to make your experience here in Spring Hill not only informative, but as pleasurable as possible.

Telephones

Telephones are provided for your use and are located on the North wall of the Lunchroom. Please do not use the phones in the classrooms. To make a local call, dial nine (9) and then your number. For AT&T long distance calls, dial nine (9) then 1-800-225-5288 and follow the menu prompts that you will hear. For obvious reasons, please limit the use of the phones to when class is not in session. The phone number for the Training Center is (931) 486-1777, if a family member needs to reach you in an emergency.

Tobacco

The Training Center is designated as a Smoke-Free Facility. For those who do smoke, the areas immediately outside the Training Center entrances are designated smoking areas, when class is not in session. The use of chewing tobacco is likewise restricted.

Retail Partner Badges

Your Retail Partner Badges must be worn at all times while on Saturn property. Don't lose your badge! It is a security pass that is Saturn's property and must be returned on graduation day before you receive your diploma.

Personal Transportation

You MUST arrive each day at the Training Center by the hotel bus unless you are a local resident who is not staying in the hotel in Nashville. If you are staying at the hotel in Nashville and wish to drive from the hotel to the Spring Hill area, you may do so only on Fridays if:

You park your car in the parking lot of the Spring Hill Holiday Inn and you make arrangements with the bus driver to pick you up in the morning at the Spring Hill Holiday Inn.

PLEASE NOTE: Unless you are a local resident, you must arrive by the Saturn Bus. If you do not, you will be asked to move your car back to the Spring Hill Holiday Inn & return by taxi. The resulting absence from class may necessitate your receiving an incomplete and you will not graduate.

Saturn Values

Let's all show we really care! We should show respect for others by refraining from offensive or profane speech. Be a Team Player by using care with the vehicles, tools and equipment. When finished in the classroom or the lunchroom, show your commitment to excel by going the extra mile to pick up and clean up -- even if it is not all your mess. Have fun in your evening free time, but don't over extend yourself. If you become ill and cannot participate fully in the entire program -- you will receive an incomplete and you will not graduate. So have fun, but be responsible!

We, at Saturn, are committed to being the best that we can be. Let's all work together to exceed expectations!!



Date: Monday, May 06, 2002Mastery [Individual]

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Test Name: VUE.TST

Test Date: Monday, February 18, 2002

School/Class: VUE Pre Test

Instructor: Henderson 5/06/02

Score: 31 of 47 (66%)

Student: 285867259 FAULKNER ROBERT

# of Objectives:	# of Items	Maximum Score	Points Received	% Received	Mastery	
9						
SUV ENG MECH	6	6	70	6	100	●
SUV HVAC	3	3	70	2	67	∅
SUV VT25E	9	9	70	8	89	●
SUV AWD SYSTEM	5	5	70	2	40	∅
SUV BODY SYSTEMS	4	4	70	3	75	●
SUV F23 MAN TRANS	7	7	70	5	71	●
SUV BRAKE/CHAS/STEER	6	6	70	2	33	∅
SUV WET FUELS	2	2	70	1	50	∅
SUV AF33-5	5	5	70	2	40	∅
OVERALL	47	47		31	66	4

Key: ● Mastery Achieved

∅ Partial Mastery Achieved

○ None correct



2002

VUE

New Product
Participant Guide



11/17

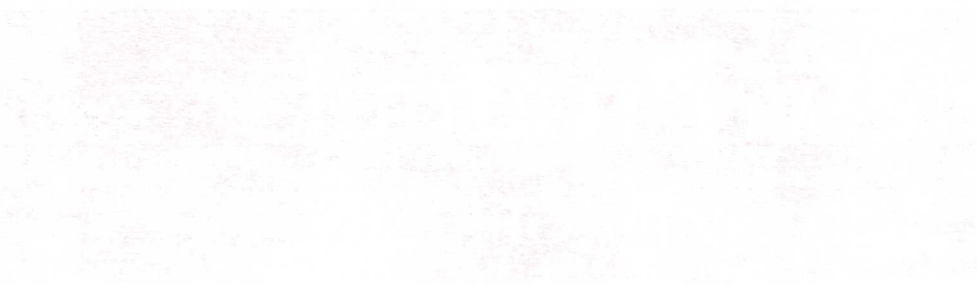


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All information, illustrations and specifications contained in this guide are based on the latest product information that was available at the time of publication. Saturn reserves the right to make changes to this publication at any time without notice.

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SUV Technical Training Acronym List

ABS	Anti-lock Brake System
AC	Air Conditioning
AWD	All Wheel Drive
BCM	Body Control Module
BPMV	Brake Pressure Modulator Valve
CHOM	Child Hold Out Mechanism
CO	Carbon Monoxide
DRP	Dynamic Rear Porportioning
DTC	Diagnostic Trouble Code
EBTCM	Electronic Brake Transmission Control Module
ECCC or EC³	Electronically Controlled Clutch Capacity
ECM	Engine Control Module
EGR	Exhaust Gas Recirculation
ELPO	Electro Deposition Primer
FLVV	Fuel Limit Vent Valve
FOD	Front Of Dash
FWD	Front Wheel Drive
HVAC	Heating, Ventilation & Air Conditioning
IAT	Intake Air Temperature
IPC	Instrument Panel Cluster
ISS	Input Speed Sensor
ITD	Internally Tuned Damper
MAP	Manifold Absolute Pressure
MIL	Malfunction Indicator Lam
NI	Neutral Idle
NVH	Noise Vibration Harshness
OSS	Output Speed Sensor
PCV	Positive Crankcase Ventilation
PTU	Power Takeoff Unit
R/D	Receiver/Dehydrator
RDM	Rear Drive Module
RIA	Retailer installed accessory
RTV	Room Temperature Vulcanizing sealant (cures when exposed to air)
SSS	Saturn Service Stall
STT	Saturn Technician Training
TAC	Technical Assistance Center
TCC	Torque Converter Clutch
TCM	Transmission Control Module

SUV Technical Training Acronym List

TCS	Traction Control System
TFT	Transmission Fluid Temperature
TXV	Thermal Expansion Valve
VSS	Vehicle Speed Sensor