

Section 3.0

Service Manual Tour

2002 VUE New Product Participant Guide

Section Structure

New Service Manual Format

- New Service Manual Features
- Consolidated Electrical and Removal/Installation Manuals
- New Service Manual Titles
- Master Table of Contents
- Section Table of Contents
- Master Index
- Service Manual Features that Haven't Changed

New Service Manual Features

Saturn has made changes to the service manual formats due to feedback from the technicians and certain government mandates. The changes will make locating specific information easier. The changes will be implemented with the VUE. Starting model year 2003 new products or updated service manuals will adapt the new format.

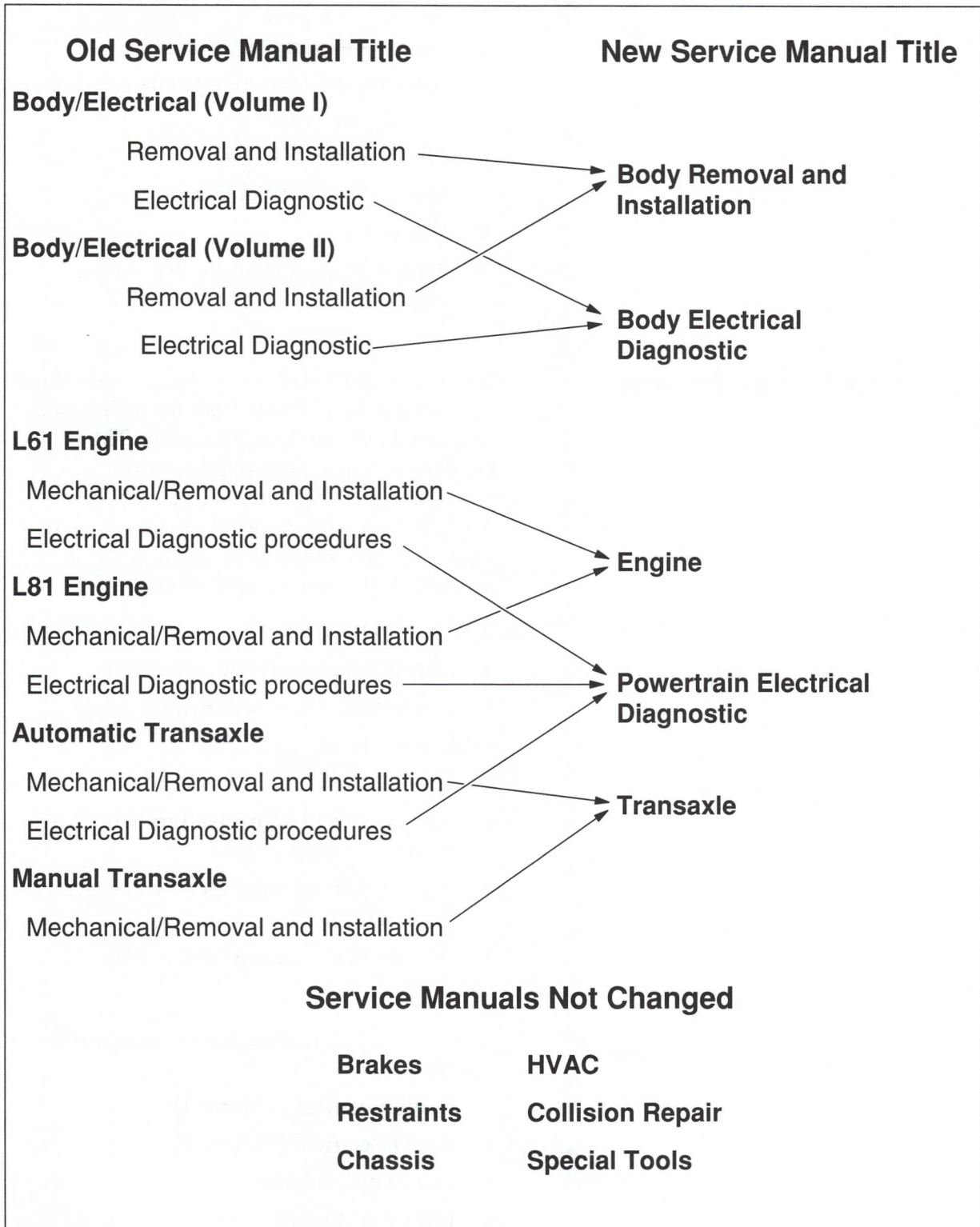
The new features are:

- Consolidated Body Electrical book
- Consolidated Engine Electrical book
- Consolidated Transaxle book
- Consolidated Engine book
- Master table of contents in front of books in order by page number
- Section table of contents now in order by page number
- Alphabetical index in back of book

Service manuals that are having information moved:

- Body/Electrical (Volume I)
- Body/Electrical (Volume II)
- L61 (4 cyl) Engine
- L81 (V-6) Engine
- Automatic Transaxle
- Manual Transaxle

Service Manual Cross Reference



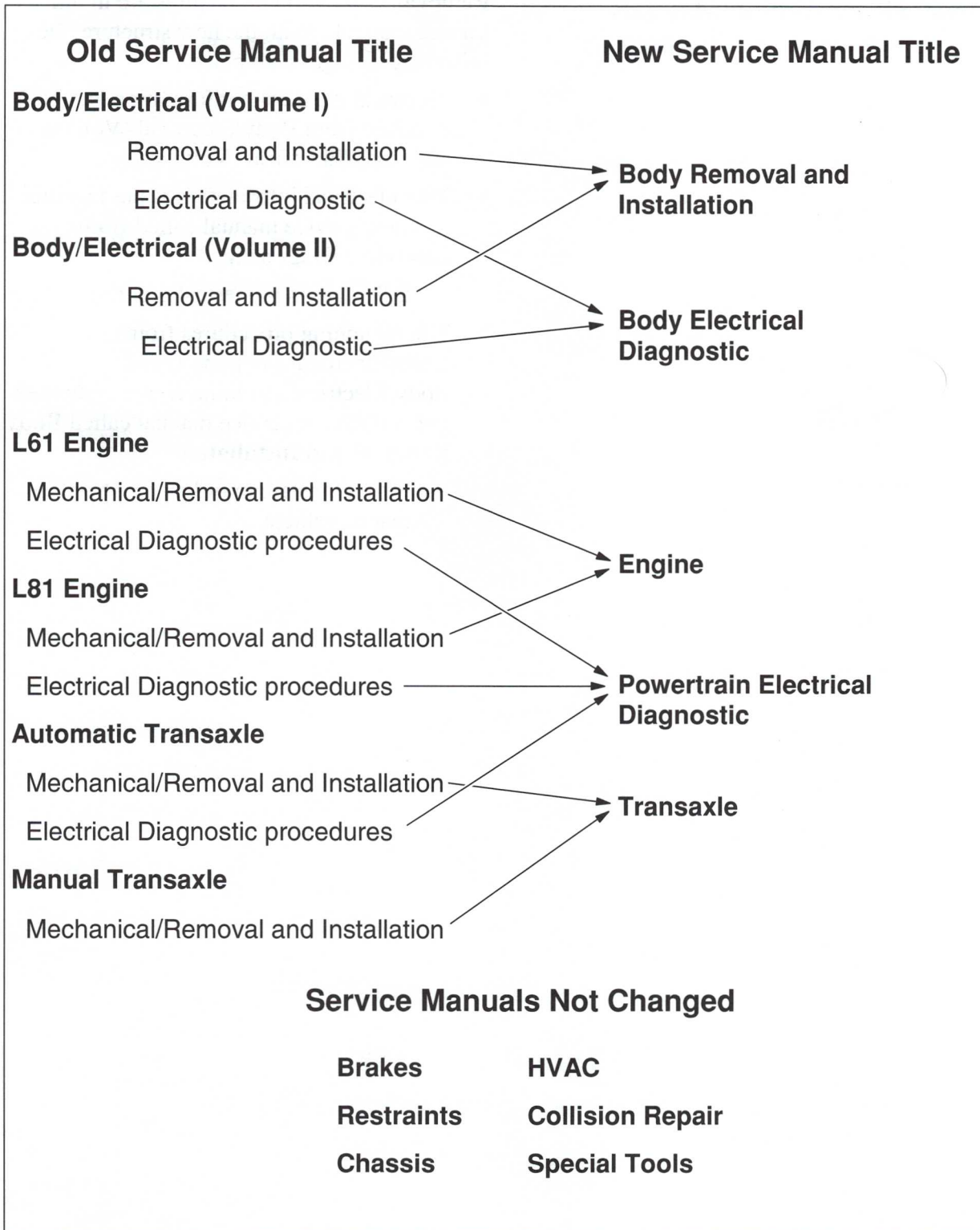
SMCROS

Consolidated Electrical and Removal/Installation Manuals

Currently all the Diagnostic, Electrical and Removal/Installation procedures are in one service manual. With the new structure, the following changes take place:

- Electrical diagnostic information is removed from Body/Electrical (Volume I) and Body/Electrical (Volume II).
- That electrical information is put together in a new service manual called **Body Electrical Diagnostics**.
 - DTCs are in numerical order.
- The remaining procedures from Body/Electrical (Volume I) and Body/Electrical (Volume II) are combined into a different service manual called **Body Removal and Installation**.
 - Procedures are in order from front to rear of vehicle.

Service Manual Cross Reference



SMCROS

Consolidated Electrical and Removal/Installation Manuals (Cont'd)

Currently all the Diagnostic, Electrical and Removal/Installation procedures are in one related service manual. With the new structure, the following changes take place:

- Electrical diagnostic information is removed from the L61 Engine, L81 Engine and Automatic Transaxle service manuals.
- That electrical information is put together in a new service manual called **Powertrain Electrical Diagnostics**.
 - DTCs are in numerical order.
- The remaining procedures from the L61 Engine and L81 Engine service manuals are combined into a different service manual called **Engine**.
- The remaining procedures from the Automatic Transaxle and Manual Transaxle service manuals are combined into a different service manual called **Transaxle**.

Master Table of Contents Example

MASTER TABLE OF CONTENTS

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Installation	14
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Brake Transaxle Shift Interlock (BTSI)	24
Brake Transaxle Shift Interlock (BTSI) System	25
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Lifting, Jacking, and Support Points	43
General Service Information	43
ON-VEHICLE	48
Back-Up Lamp Switch (On-Vehicle)	48
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MASTER ALPHABETIC INDEX	69

New Service Manual Titles

The new service manual sets will include the following:

- Body Removal and Installation
- Body Electrical Diagnostics
- Engine
- Powertrain Electrical Diagnostics
- Transaxle
- Brakes
- SIR/Restraints
- Chassis
- HVAC
- Collision Repair
- Special Tools

Master Table of Contents

One of the new added features is the master table of contents. It will show full detail of all sections in the service manual.

- Located at the front of the service manual
- In order by page number; **not** alphabetically
- The table is built from the names of the procedures.
- Section titles are in bold.
 - Section details are indented from section name.

Section Table of Contents

Each individual section has its own detailed table of contents.

- Page has large inked tab at the edge for easy identification.
- Section contents are in order by page number.

Master Index Example

MASTER ALPHABETIC INDEX

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Battery Cooling Box	14
Installation	15
Battery Tray Bracket	13
Installation	14
Brake Transaxle Shift Interlock (BTSI) System	25,31
Clearance Specifications	19
Control Assembly	26,32
Counter Shaft Assembly	50
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End Play Specifications	18
General Service Information	43
Lifting, jacking, and Support Points	43
Lubrication Flow	40
Manual Transaxle	17
OFF-VEHICLE	50,60,68
ON-VEHICLE	48,59,67
Power Flow	40
SIR Disable/Enable Procedure (For Frontal and Curtain Inflators)	8
Disabling the Frontal and Curtain Inflators	8
Enabling the Frontal and Curtain Inflators	10
Transaxle Ratios	17

Master Index

There is now an index in the back of the service manual. The index covers the entire manual.

- Manual contents are in order alphabetically.
- Index is built from the names of the procedures.
- Index is located in the back of the service manual.
- Index contains the same information as the master table of contents.
 - Not broken down by sections
 - One continuous list
- Procedures are listed once with multiple page numbers.

Service Manual Features That Haven't Changed

The basic layout of the service manuals has not changed. The existing features have been added to. The features that haven't changed are:

- Section table of contents
 - Following the master table of contents
 - Gives section starting page only
 - Has tabs to identify sections visually
- Each Section has a detailed table of contents.
- SIR Enable/Disable procedure is in front of every book.
- Basic layout of service manual

