



SSR

2004 Service Manual

2004 SSR Roadster Service Manual

Volume 1A

This manual provides information on the diagnosis, the service procedures, the adjustments, and the specifications for the 2004 Chevrolet SSR Roadster.

Information on transmission unit repair (overhaul) can be found in the 2004 Transmission/Transaxle/Transfer Case Unit Repair Manual (TURM), available separately. The TURM contains information on automatic and manual transmissions, including the fluid flow and circuit description information.

The technicians who understand the material in this manual and in the appropriate Dealer Service Bulletins better serve the vehicle owners.

When this manual refers to a brand name, a part number, or a specific tool, you may use an equivalent product in place of the recommended item. All information, illustrations, and specifications in this manual are based on the latest product information available at the time of publication approval. General Motors reserves the right to make changes at any time without notice.

TABLE OF CONTENTS

Volume 1

Preface	P-1
Cautions and Notices	P-3
General Information	0-1
General Information	0-3
Maintenance and Lubrication	0-33
Vibration Diagnosis and Correction	0-47
Air/Wind Noise	0-114
Squeaks and Rattles	0-116
Waterleaks	0-117
HVAC	1-1
Heating, Ventilation and Air Conditioning	1-3
HVAC Systems - Manual	1-61
Steering	2-1
Power Steering System	2-3
Steering Wheel and Column	2-43
Suspension	3-1
Suspension General Diagnosis	3-3
Wheel Alignment	3-14
Front Suspension	3-20
Rear Suspension	3-51
Tires and Wheels	3-66
Driveline/Axle	4-1
Propeller Shaft	4-3
Rear Drive Axle	4-14
Brakes	5-1
Hydraulic Brakes	5-3
Disc Brakes	5-63
Park Brake	5-119
Antilock Brake System	5-152
Engine	6-1
Engine Mechanical - 5.3L	6-7
Engine Cooling	6-317
Engine Electrical	6-360
Engine Controls - 5.3L	6-410
Engine Exhaust	6-829
Transmission/Transaxle	7-1
Shift Lock Control	7-5
Automatic Transmission - 4L60-E/4L65-E	7-13
Index	1

Volume 2

Preface	P-1
Cautions and Notices	P-3
Body	8-1
Body Control System	8-11
Body Front End	8-39
Body Rear End	8-63
Bumpers	8-132
Collision Repair	8-142
Data Link Communications	8-274
Doors	8-295
Exterior Trim	8-395
Frame and Underbody	8-409
Horns	8-422
Instrument Panel, Gages, and Console	8-436
Interior Trim	8-531
Lighting Systems	8-546
Paint/Coatings	8-675
Plastic Panel Information and Repair	8-683
Retained Accessory Power	8-711
Roof	8-715
Seats	8-902
Stationary Windows	8-991
Wipers/Washer Systems	8-1020
Wiring Systems	8-1045
Restraints	9-1
Seat Belts	9-3
SIR	9-17
Vehicle Control Systems	10-1
Vehicle DTC Information	10-3
Programming	10-8
Accessories	11-1
Cruise Control	11-3
Entertainment	11-23
Garage Door Opener	11-68
Keyless Entry	11-75
Personalization	11-91
Power Outlets	11-94
Theft Deterrent	11-102
Index	1