



Introduction	4	Chapter 9: Body and Interior Modifications	75
Chapter 1: Neon History	13	Gauges	75
First-Generation Cars: 1995-'99	14	Cockpit Comforts	77
Second-Generation Cars: 2000-'05	15	Weight Reduction	78
Neon Racing Legacy	16	Steering Wheels	80
The SRT-4	18	Exterior Modifications	81
The Future of the Neon	20	Body Kits	82
Chapter 2: Suspension and Handling	21	Functional Body Modifications	83
Bigger Bars and Heavier Springs	22	Chapter 10: Turbocharging, Supercharging, and Nitrous	85
Sway Bars	23	Turbocharging	85
Struts	24	Superchargers	89
Strut Tower Bars	24	Nitrous Oxide	89
Final Suspension Tweaking	25	The SRT-4	90
Corner Weighting	25	Chapter 11: Transaxle Tech	93
Alignment	30	Neon Transmissions	93
Chapter 3: Wheels and Tires	32	Aftermarket Clutches	95
Street Wheels	32	Lightened Flywheels	96
Tires for the Street	34	Limited-Slip Differentials	96
Autocrossing	35	Gear Oil	98
Racing Slicks	39	Chapter 12: Engines	99
Road Racing	40	First-Generation Powerplants:	
Drag Racing	40	1995-1999	99
Tire Pressures	42	Second-Generation Powerplants:	
Chapter 4: Braking	44	2000-2005	100
Road Racing	46	Blocks	102
Autocrossing	47	PCM Tech	102
Cars With Boost	47	First-Generation Swaps	103
Engine Transplants and NWHSS	47	Second-Generation Swaps	104
Aftermarket Brake Pads and Rotors ..	48	SRT-4 Swaps Into non-SRT-4 Neons ..	105
Brake Fluids	49	Underdrive Pulleys	105
Chapter 5: Intake System	51	Motor Mounts	105
Throttle Bodies	55	Engine Care and Lubrication	107
Porting, Polishing, Extrude Honing ...	57	Chapter 13: Modifications on a Budget	109
Chapter 6: Exhaust System	59	Dual Duty	111
Headers	61	Full Race	116
Chapter 7: Ignition and Fuel	64	Where Do We Go From Here?	118
Ignition Systems	64	Chapter 14: Don't Just Sit There – Go Racing!	119
Wires and Plugs	66	Solo II Autocross	119
It's a Matter of Time – Understanding		Solo I Hillclimbing, Track Events,	
Advance and Retard	67	and Driver's Schools	123
Electronic Fuel Injection Tips	69	Road Racing – Improved Touring ...	124
Chapter 8: Camshafts and Heads	71	SCCA National Road Racing	125
SOHC Neons	72	Driver's Schools	125
DOHC Neons	73	Drag Racing	125
SRT-4	73	Source Guide	127
Cam Timing	73		
Cylinder Heads	74		