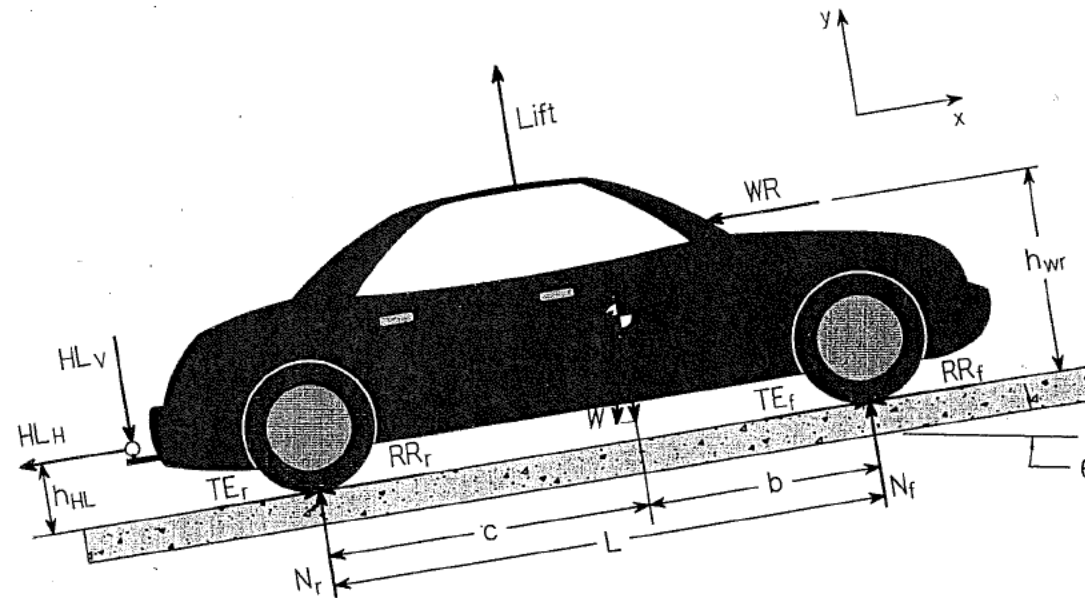


Automotive Powertrains



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powertrain. It is an introductory text on the topic, but it will provide the interested reader with a basis for understanding the fundamentals of automotive engines and automotive transmissions, and more importantly how to select those components to provide the optimum compromise between acceleration performance, gradeability performance and fuel economy performance.

The level of analysis used in the text is not particularly difficult (it is assumed that the reader has a good grasp of engineering mechanics), however the equations derived in the text become the basis for developing computer models that can be used to predict vehicle performance.

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Table of Contents	9
1 Automotive Drivetrain Components and Layouts	11
1.1 Typical Drivetrain Layouts	11
1.1.1 Typical Rear Wheel Drive Configuration.....	11
1.1.2 Typical Front Wheel Drive Configuration.....	14
1.1.3 Rear Wheel Drive with Rear Engine	15
1.1.4 Typical Four Wheel Drive Configuration.....	16
1.1.5 Drivetrain Packaging	17
1.2 Driveline Components	18
1.2.1 Clutches.....	18
1.2.2 Hydraulic Torque Converter	19
1.2.3 Manual Transmission.....	21
1.2.4 Automatic Transmissions.....	22
1.2.5 Transaxles	23
1.2.6 Driveshafts	24
1.2.7 Differentials	25
1.2.8 Rear Axle	26
1.3 References.....	26
Chapter 2	27
2 Road Loads	27
2.1 Introduction.....	27
2.2 Aerodynamic Lift and Drag	29
2.2.1 Inviscid Flow: Euler and Bernoulli Equations.....	30
2.2.2 Application to an Automobile.....	32
2.2.3 Viscid Flow: Boundary Layers	34
2.2.4 Application to an Automobile.....	35
2.2.5 Inviscid Flow over Bodies	35
2.2.6 Viscid Flow over Bodies.....	37
2.2.7 Application to an Automobile.....	40
2.2.8 Experimental Techniques.....	40
2.2.9 Application to an Automobile.....	42
2.2.10 Vortex Shedding	46
2.2.11 Application to an Automobile.....	46
2.2.12 Automotive Drag Studies.....	47
2.2.13 Afterbody Drag	48
2.2.14 Wheel and Wheel Wells.....	49
2.2.15 Forebody Effects.....	50
2.2.16 Underbody Drag.....	51

2.3.2	Effect of Road Surface.....	61
2.3.3	Effect of Temperature on Rolling Resistance.....	61
2.3.4	Effect of Tire Inflation Pressure.....	62
2.3.5	Effect of Tire Speed.....	62
2.3.6	Effect of Tire Materials.....	62
2.3.7	Effect of Tire Slip Angle.....	63
2.3.8	Other Models for Rolling Resistance.....	64
2.4	Coast Down Testing.....	64
2.5	Grade Resistance.....	65
2.6	The Proving Ground Equation.....	66
2.7	References.....	68
3	Power Systems.....	69
3.1	Introduction to Internal Combustion Engines and Their Performance.....	69
3.1.1	Spark-ignited (SI) or Gasoline Four-stroke Engines.....	69
3.1.2	Compression-ignition (DI) or Diesel Four-stroke Engines.....	70
3.2	Engine Brake Torque and Power.....	72
3.2.1	Brake Power.....	73
3.2.2	Friction Power (FP).....	75
3.2.3	Indicated Power (IP).....	75
3.2.4	Specific Power.....	75
3.2.5	Mean Effective Pressure (MEP).....	75
3.3	Efficiencies.....	78
3.3.1	Mechanical Efficiency.....	78
3.3.2	Overall Thermal Efficiency (or Fuel Efficiency).....	78
3.3.3	Combustion Efficiency.....	80
3.3.4	Thermal Efficiency (or Specific Efficiency).....	80
3.3.5	Specific Fuel Consumption (SFC).....	81
3.3.6	Volumetric Efficiency.....	81
3.4	Fuels.....	81
3.4.1	Octane Rating.....	82
3.4.2	Decane Rating.....	82
3.4.3	Determination of Fuel Specific Gravity and Heating Value.....	82
3.5	Emissions.....	82
3.6	Other Engine Parameters.....	83
3.6.1	Mean Piston Speed (S).....	83
3.6.2	Inlet Air Velocity.....	83
3.7	Typical Engine Performance Data.....	83
3.7.1	Full Load Performance Comparison of SI and CI Engines.....	83
3.7.2	SAE Net Versus Gross Performance.....	86

4	Driveline	93
4.1	Introduction.....	93
4.2	Driveline	96
4.2.1	Ideal Driveline	96
4.2.2	Driveline Losses.....	99
4.3	Tires (Idealized Model).....	103
4.3.1	N/V Ratio (Idealized Tire).....	103
4.3.2	Available Tractive Power	108
4.3.3	Available Tractive Effort	111
4.3.4	Actual Tractive Power and Tractive Effort.....	115
4.4	Tires (Better Model)	118
4.4.1	Tire Forces and Moments	118
4.4.2	Tire Slip	119
4.4.3	N/V Ratio (Better Model).....	122
4.4.4	Tractive Effort.....	122
4.4.5	Example – Effect of Tire Slip	124
4.4.6	Slip Angle	127
4.5	The Friction Ellipse.....	130
4.5.1	Rolling Resistance (Revisited).....	134
4.5.2	A Final Note on Tires	135
4.6	Move-off Elements	135
4.7	References.....	137
5	Gear Ratio Selection	139
5.1	Typical Gear Ratios Selected for Passenger Vehicles.....	143
5.2	A Procedure for Selecting Gear Ratios.....	149
5.2.1	Selection of a top gear N/V ratio	149
5.2.2	Determination of Top Gear Ratio and Axle Ratio	153
5.2.3	Low Gear Ratio Determination.....	154
5.2.4	Selecting Intermediate Gear ratios.....	159
5.3	Example	168
5.3.1	Select a Top Gear N/V ratio.....	169
5.3.2	Select a top gear ratio.....	169
5.3.3	Select an axle ratio	169
5.3.4	Select first gear ratio	170
5.3.5	Select intermediate gear ratios	170
5.3.6	Evaluate Gear Ratios.....	172
5.4	Homework.....	172
5.5	References.....	173

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