

PROCEDURE FOR HANDLING CHASSIS/DEALER CLAIMS	1	Extended/Club Cab Models	11
General	1	Crew Cab Models	11
Shipments Received from Truckaway or Driveaway Company	1	Calculations to Determine Forward (A) and Rearward (B) Location of Center of Gravity for Cargo Weight Rating	12
If Received from Railroad	1	Calculations for Dimension A	12
Filing a Claim	1	Calculations for Dimension B	12
Disposition of Damaged Parts	1	Method of Certification by GM	13
GOVERNMENT REGULATIONS	1	Completed Vehicle	13
Introduction	1	Certification Labels	13
Responsibility for Complete Vehicle Performance	2	Method of Certification	13
Noise Emission Standards for Transportation Equipment–Medium and Heavy Trucks	2	Incomplete Vehicles	13
40 CFR PART 205	2	Models	13
TRUCK–CAMPER LOADING	2	Vehicle Classification and GM Application	14
Consumer Information Regulation 575.103-Truck Camper Loading ...	2	Federal Regulation – Tires	14
Limitations on Recommended CG Zones	3	Chevrolet Regions Sales/Service – Commercial/Personal Use	15
Forward Limit	3	Pontiac/GMC Regions Sales/Service – Commercial/Personal Use ..	16
Rearward Limit	3	Base Model Weight Information	17
Loading Instructions	3	Payload Definition	17
Definition of Terms	4	Cargo Weight Definition	17
LIMITATIONS	5	S–Series Pickup	18
Instructions for Prospective Truck Purchasers	5	C/K Pickup (Current)	18
Vehicle Selection and Weight Analysis	5	C/K Pickup (New)	18
Worksheet–Cargo Weight Rating	6	C/K Chassis Cab	19
Truck–Camper Loading Dimensions	7	C 3500 HD Chassis Cab	19
S Series Pickup	7	S/T Utility	19
C/K Series Pickup	7	C/K Utility	19
C/K Series Pickups	8	C/K Suburban	20
Model Codes and Dimensions	9	M/L Cargo Van	20
Regular Cab Models	9	M/L Passenger Van	20
Extended/Club Cab Models	10	G Van Cargo	20
Regular Cab Models	10	G Van Passenger	20

Commercial Cutaway	20	P Truck Forward Control Chassis Trailering Information	31
R/V Cutaway	20	Sway Control	31
Forward Control Chassis	21	Weight Carrying Trailer Hitch	31
Forward Control School Bus Chassis	21	Weight Distributing Trailer Hitch Platform	31
Payload Determination	22	Fifth-Wheel Trailer Hitch	31
Payload Definition	22	C/K Pickup Maximum Trailer Ratings (Manual Transmission)	32
Incomplete Vehicle Payload Determination	22	Vortec 4.3L L35 Engine	32
Payload Definition	22	Vortec 5.0L L30 Engine	32
Percentage Body and Payload Weight at Front Axle	23	Vortec 5.7L L31 Engine	32
Reserve Capacity Determination	23	6.5L L65 Turbo Diesel Engine	32
Cargo Weight Definition	23	Vortec 7.4L L29 Engine	32
Reserve Capacity Determination Sample	25	C/K Pickup Maximum Trailer Ratings (Automatic Transmission)	33
Reserve Capacity Determination	25	Vortec 4.3L L35 Engine	33
TRAILERING ELECTRICAL INFORMATION	26	Vortec 5.0L L30 Engine	33
Trailer Harness Release	26	Vortec 5.7L L31 Engine	34
Trailer Harness Wire Colors	26	6.5L L56/L65 Turbo Diesel Engine	34
Vehicle to Trailer Electrical System Setup	27	Vortec 7.4L L29 Engine	34
General Information	27	C/K Pickup Maximum Trailer Ratings (5th Wheel Hitch)	35
How to Use GCWRs to Determine Powertrain and Rear Axle Ratio for Trailering	28	Vortec 5.0L L30 Engine	35
GCWR Rating For Rear Axle Ratio and Engine Combination with Automatic Transmission	28	Vortec 5.7L L31 Engine	35
GCWR Rating For Rear Axle Ratio and Engine Combination with Manual Transmission	29	6.5L L56/L65 Turbo Diesel Engine	35
Trailering Special Packages	29	6.5L L56/L65 Turbo Diesel Engine	35
All-New Sierra Maximum Trailer Ratings	30	Vortec 7.4L L29 Engine	35
Trailering Information	30	C/K Utility Maximum Trailer Ratings	36
Suspension Chart	30	Vortec 5.7L L31 Engine	36
Vortec 4.3L V6 Engine	30	6.5L L56/L65 Turbo Diesel Engine	36
Vortec 4.8L V8 Engine	30	Suburban Maximum Trailer Ratings	37
Vortec 5.3L V8 Engine	30	Vortec 5.7L L31 Engine	37
Vortec 6.0L V8 Engine	30	6.5L L56/L65 Turbo Diesel Engine	37
		Vortec 7.4L L29 Engine	37

S/T Pickup Maximum Trailer Ratings	38	Vortec 5.7L L31 Engine	40
2.2L LN2 Engine	38	6.5L L56/L65 Turbo Diesel Diesel	40
Vortec 4.3L L35/LF6 Engine	38	Vortec 7.4L L29 Engine	40
Vortec 4.3L L35/LF6 Engine	38	WEIGHTS AND MEASURES	41
S/T Utility Maximum Trailer Ratings	38	Standard Weights and Measures	41
Vortec 4.3L L35 Engine	38	Metric Weights and Measures	41
Vortec 4.3L L35 Engine	38	Equivalent Weights and Measures	41
M/L Van Weight Distributing Hitch Trailering Chart	39	Decimal Equivalents of Parts of an Inch	42
Vortec 4.3L L35 Engine	39	Approximate Weight of Materials	42
G Van Maximum Trailer Ratings	39	Metric/U.S. Customary Conversion Table	46
Vortec 4.3L L35 Engine	39	LIGHT DUTY 10/1500 – 30/3500 SERIES MODEL IDENTIFICATION	
Vortec 5.0L L30 Engine	39	SYSTEM	47

BODY BUILDERS INSTRUCTIONS	1	S/T 10506-4 Door Utility, General Arrangement	10
Section 0 – General Instructions	1	PICKUP WEIGHT DISTRIBUTION	11
Section 1 – Body	1	S/T PICKUP BOX REMOVAL PROGRAM	11
Air Conditioning	2	BODY	
Section 2 – Frame	2	S/T 10603 Pickup, Regular Cab with Short Box,	
Flanges	2	General Arrangement	12
Holes	2	S/T 10603 Pickup, Regular Cab with Short Box,	
Welding	2	Hi-Wider, General Arrangement	13
Alterations	2	S/T 10603 Pickup, Regular Cab with Short Box, Isuzu,	
Shear Plate Attachments	2	General Arrangement	14
Section 3 – Front Suspension	3	S/T 10803 Pickup, Regular Cab with Long Box,	
Section 4 – Rear Suspension	3	General Arrangement	15
Section 5 – Brakes	3	S/T 10653 Pickup, Extended Cab with Short Box,	
Section 6 – Engine	3	General Arrangement	16
Section 7 – Transmission	4	S/T 10003 Pickup, Front End Sheet Metal Arrangement	
Section 8 – Fuel and Exhaust	4	(Chevrolet/GMC)	17
Fuel Systems	4	S/T 10000 Pickup, Front End Sheet Metal Arrangements	
Fuel Lines	4	(Isuzu/Bravada)	18
Fuel Tank	5	S/T 10003 Pickup, Cab Profile	19
Exhaust System	5	S/T 100(03, 53) Pickup Box	20
Section 9 – Steering	6	S/T 100(03, 53) Pickup Box, Top Rail	21
Section 10 – Tires	6	S/T 100(03, 53) Pickup Box, Interior	22
Section 12 – Electrical Battery and Battery Cables	6	S/T 100(03, 53) Pickup Box Sportside	23
Accessory Power Supply Feed:	7	S/T 100(03, 53) Pickup Box Sportside, Top Rail	24
Section 13 – Cooling	7	S/T 100(03, 53) Pickup Box Sportside, Interior	25
CHASSIS		S/T 10506-4 Door Utility, Exterior with End Gate,	
S/T 10003 Pickup, General Arrangement	8	General Arrangement	26
S/T 10516-2 Door Utility, General Arrangement	9	S/T 10506-4 Door Utility, Exterior with Lift Gate,	
		General Arrangement	27

S/T 10516–2 Door Utility, Exterior, General Arrangement 28

S/T 10516 Utility, 2 Door, Exterior, Hi-Wider, General Arrangement .. 29

S/T 10(6/8)03 Pickup, Regular Cab, Interior 30

S/T 10653 Pickup, Extended Cab, Interior 31

S/T 10003 Pickup, Interior Seating 32

S/T 10516–2 Door Utility, Interior Seating 33

S/T 10506–4 Door Utility, Interior Seating 34

FRAME

S 10603 Pickup, 2 Wheel Drive, Crossmember Arrangement 35

T 10603 Pickup, 4 Wheel Drive, Crossmember Arrangement 36

S 10803 Pickup, 2 Wheel Drive, Crossmember Arrangement 37

T 10803 Pickup, 4 Wheel Drive, Crossmember Arrangement 38

S 10653 Pickup, 2 Wheel Drive, Crossmember Arrangement 39

T 10653 Pickup, 4 Wheel Drive, Crossmember Arrangement 40

S 10506 Pickup, 2 Wheel Drive, Crossmember Arrangement 41

T 10506 Pickup, 4 Wheel Drive, Crossmember Arrangement 42

S 10516 Pickup, 2 Wheel Drive, Crossmember Arrangement 43

T 10516 Pickup, 4 Wheel Drive, Crossmember Arrangement 44

S/T 100(03, 53) Pickup, Spare Tire Carrier 45

S/T 10506–4Door Utility, Spare Tire Carrier 46

S/T 105(06, 16) Utility, Trailer Hitch Mounting 47

AXLE/SUSPENSION

S 10000 Front Axle/Tire Data Chart 48

T 10000 Front Axle/Tire Data Chart 49

S/T 10003 Pickup, Rear Axle/Tire Data Chart 50

S/T 105(06, 16) Utility, Rear Axle/Tire Data Chart 51

FUEL TANK

S/T 100(03, 53) Pickup 52

S/T 10506 Utility 4 Door 53

S/T 10516 Utility 2 Door 54

EXHAUST

S 100(03, 53) Pickup, Gas Engine 2.2L L4, Option LN2 55

S 100(03, 53) Pickup, Gas Engine 4.3L V6, Option LB4–ZR2 56

T 100(03, 53) Pickup, Gas Engine 4.3L V6, Option LB4–ZR2 57

T 106(03, 53) Hi-Wider Pickup, Gas Engine 4.3L V6,
Option LB4 & ZR2 58

S 10506–4 Door Utility, Gas 4.3L V6, Option LB4 59

T 10506–4 Door Utility, Gas 4.3L V6, Option LB4 60

S 10516–2 Door Utility, Gas Engine 4.3L V6, Option LB4 61

T 10516–2 Door Utility, Gas Engine 4.3L V6, Option LB4 62

ELECTRICAL

Ordering Information 63

BODY BUILDERS INSTRUCTIONS	1	CHASSIS	
Section 0 – General Instructions	1	C 30903 (9000 GVWR) Regular Cab, 2 Wheel Drive w/6.5T Diesel Engine	10
Section 1 – Body	1	K 30903 (9200 GVWR) Regular Cab, 4 Wheel Drive w/6.5T Diesel Engine	11
Conversions	2	C (107/207)53 Extended Cab, 2 Wheel Drive w/6.5T Diesel Engine	12
Air Conditioning	2	K (107/207)53 Extended Cab, 4 Wheel Drive w/6.5T Diesel Engine	13
Rear Air Conditioning	2	C (109/209)53 Extended Cab, 2 Wheel Drive w/6.5T Diesel Engine	14
Section 2 – Frame	2	K (109/209)53 Extended Cab, 4 Wheel Drive w/6.5T Diesel Engine	15
Flanges	2	C 20953 & C6P (8600 GVWR)/C 30953 (9000 GVWR) Extended Cab, 2 Wheel Drive w/6.5T Diesel Engine	16
Holes	2	K 20953 & C6P (8600 GVWR)/K 30953 (9200 GVWR) Extended Cab, 4 Wheel Drive w/6.5T Diesel Engine	17
Welding	2	C (207/307)43 Crew Cab, 2 Wheel Drive	18
Alterations	3	K (207/307)43 Crew Cab, 4 Wheel Drive	19
Shear Plate Attachments	3	C 30943 Crew Cab, 2 Wheel Drive	20
Section 3 – Front Suspension	3	K 30943 Crew Cab, 4 Wheel Drive	21
Section 4 – Rear Suspension	3	C (310/314)03 Chassis Cab, Regular Cab, 2 Wheel Drive, 10,000/11,000 GVWR w/6.5T Diesel Engine	22
Section 5 – Brakes	3	K (310/314)03 Chassis Cab, Regular Cab, 4 Wheel Drive, 12,000 GVWR w/6.5T Diesel Engine	23
Section 6 – Engine	4	C (310/314/318)03 Chassis Cab, Regular Cab, 2 Wheel Drive, 15,000 GVWR w/6.5T Diesel Engine	24
Section 7 – Transmission	5	C (109/209)06 Suburban, 2 Wheel Drive w/6.5T Diesel Engine	25
Section 8 – Fuel and Exhaust	5	K (109/209)06 Suburban, 4 Wheel Drive w/6.5T Diesel Engine	26
Fuel Systems	5	C 10516 Utility, 2 Wheel Drive, 2 Door	27
Fuel Fill	5	K 10516 Utility, 4 Wheel Drive, 2 Door	28
Fuel Lines	6		
Fuel Tank	6		
Gaseous Fuel Conversions	6		
Exhaust System	7		
Section 9 – Steering	7		
Section 10 – Tires	7		
Section 12 – Electrical Battery and Battery Cables	8		
Auxiliary Battery (Gasoline Engines Only)	8		
Accessory Power Supply Feed	8		
Section 13 – Cooling	9		

C/K 10706 Utility, 4 Door	29	Pickup Box Removal Fuel Fill System Modifications (Gasoline)	43
Pickup, Cargo Box Weight Distribution	30	Tail Lamp Assembly	44
Chassis Cab, Body Cargo Weight Distribution	31	Federal Motor Vehicle Safety Standards	44
Front Mounted Accessories	32	FMVSS 101 – Controls and Displays	44
% Front/Rear Weight Distribution for Equipment Mounted Ahead of Front Axle	32	FMVSS 102 – Transmission Shift Level Sequence, Starter Interlock and Transmission Braking Effect	45
Rear Mounted Accessories	32	FMVSS 103 – Windshield Defrosting and Defogging Systems	45
% Front/Rear Weight Distribution for Equipment Mounted Behind Rear Axle	32	FMVSS 104 – Windshield Wiping and Washing Systems	45
Chassis Cab Payload Weight Distribution	32	FMVSS 105 – Hydraulic Service Brake, Emergency Brake and Parking Brake Services	45
C/K Crew Cab Chassis Cab (%Front/Rear)	32	Allowable Center of Gravity Chart:	46
C/K Chassis Cab (%Front/Rear)	32	FMVSS 106 – Brake Hoses	48
C/K 3500 HD Chassis Cab (%Front/Rear)	32	FMVSS 108 – Lamps, reflective Devices and Associated Equipment	48
K 35000 Power Take Off (PTO) Transfer Case	33	FMVSS 111 – Rearview Mirrors	48
C/K 309(03/53) & C/K (310/314)03 Power Take Off (PTO) Transmission	34	FMVSS 112 – Headlamp Concealment Devices	48
C (310/314/318)03 Power Take Off (PTO) Transmission	35	FMVSS 113 – Hood Latch System	48
SNOWPLOW INSTALLATION	36	FMVSS 114 – Theft Protection (GVWR of 10,000 Pounds or Less)	48
Model Availability, Recommended Procedures and Guidelines	36	U.S. CFR 49, PART 567/CMVSS 115 – Vehicle Identification Number	49
Ballast Compensating Weight	36	FMVSS 116 – Motor Vehicle Brake Fluids	49
1999 Snowplow Prep Package-Option VYU	36	FMVSS 120 – Tire Selection and Rims for Vehicles Other than Passenger Cars	49
GMTG: Chevrolet/GMC	36	FMVSS 124 – Accelerator Control Systems	49
PICKUP BOX REMOVAL PROGRAM	38	FMVSS 201 – Occupant Protection in Interior Impacts (GVWR of 10,000 Pounds or Less)	49
Alterations To Completed Vehicles	38	FMVSS 202 – Head Restraints (GVWR of 10,000 Pounds or Less)	49
Fuel Tank Filler Neck (Gasoline)	39	FMVSS 203 – Impact Protection for the Driver from the Steering Control System (GVWR of 10,000 Pounds or Less)	49
Fuel Tank Filler Neck (Diesel)	40	FMVSS 204 – Steering Control Rearward Displacement (GVWR of 10,000 Pounds or Less)	49
Recommended Fuel Fill Access Zone	41	FMVSS 205 – Glazing Materials	49
Fuel Fill System Modifications–Connector & Label (Diesel Vehicles Only)	42	FMVSS 206 – Door Locks and Door Retention Components (Not Applicable to Bus)	50
Pickup Box Removal Fuel Fill System Modifications (Diesel)	42		

FMVSS 207 – Seating Systems	50	C/K Truck Pickup Box, Sportside, 6.5 ft.	61
FMVSS 208 – Occupant Crash Protection	50	C/K Truck Pickup Box, Fleetside/Wideside, 8 ft.	62
FMVSS 209 – Seat Belt Assemblies	51	C/K Truck Pickup Box, Fleetside/Wideside and Heavy Hauler/ Big Dooley	63
FMVSS 210 – Seat Belt Assembly Anchorages	51	C/K Truck Pickup Box, Fleetside/Wideside and Heavy Hauler/ Big Dooley	64
FMVSS 212 – Windshield Mounting (GVWR of 10,000 Pounds or Less)	51	C/K (109/209)06 Suburban, Interior Sheet Metal	65
FMVSS 214 – Side Impact Protection (GVWR of 10,000 Pounds or Less)	51	C/K (109/209)06 Suburban, Interior Trim	66
FMVSS 216 – Roof Crush Resistance (GVWR of 6000 Pounds or Less)	51	C/K (109/209)06 Suburban, Seating, Front	67
FMVSS 219 – Windshield Zone Intrusion (GVWR of 10,000 Pounds or Less)	51	C/K (109/209)06 Suburban, Seating, Intermediate/Rear	68
FMVSS 301 – Fuel System Integrity MPV’S, Trucks and Buses (GVWR of 10,000 Pounds or Less)	51	C/K (109/209)06 Suburban, Exterior, Cargo Doors	69
FMVSS 302 – Flammability of Interior Materials	52	C/K (109/209)06 Suburban, Exterior, End Gate	70
Canadian Motor Vehicle Safety Standards	52	C/K (1/2)0906 Suburban, Side Step Running Boards, Option BVE ..	71
CMVSS 1101–Emission Device	52	C/K 10516 Utility, Seating, Front/Rear	72
CMVSS 1102–Crankcase Emission	52	C/K 10516 Utility, Exterior, Cargo Doors	73
CMVSS 1103–Exhaust Emission	52	C/K 10516 Utility, Exterior, End Gate	74
CMVSS 1104–Opacity (Diesel Engine Only)	52	C/K 10516 Utility, Side Step Running Boards, Option BVE	75
CMVSS 1105–Evaporate Emission (If less than 6000 GVW)	52	C/K 10706 Utility, Exterior	76
CMVSS 1106–Noise	52	C/K 10706 Utility, Exterior	77
Canadian Radio Frequency Interference Regulations	52	C/K 10706 Utility, Seating Arrangement	78
U.S. EPA and California Exhaust and Evaporative Emission Requirements	53	C/K (1/2/3)0000 Mirror Options	79
Table ‘A’	54	C/K Truck, Front Floor Seat Mounting	80
BODY		FRAME	
C/K Truck, Regular Cab, Interior	55	C 30903 Regular Cab Pickup, Crossmember Arrangement	81
C/K Truck, Regular Cab, Exterior	56	K 30903 Regular Cab Pickup, Crossmember Arrangement	82
C/K (107/207)53, Extended Cab, Interior	57	C (1/2)0753 Extended Cab Pickup, Crossmember Arrangement	83
C/K (107/207)53, Extended Cab, Exterior w/E24 Rear Access Door ..	58	K (1/2)0753 Extended Cab Pickup, Crossmember Arrangement	84
C/K (207/307/309)43 Crew Cab, Interior	59		
C/K (207/307/309)43 Crew Cab, Exterior	60		

C (1/2/3)0953 Extended Cab Pickup, Crossmember Arrangement ...	85	C 3500HD Rear Suspension Hanger Bracket Locations, Chassis Cab, 15,000 GVWR	106
K (1/2/3)0953 Extended Cab Pickup, Crossmember Arrangement ...	86	C/K 1500 Series, Rear Axle/Tire Data Chart	107
C 30943 Crew Cab Pickup, Crossmember Arrangement	87	C/K 200/300 Rear Axle/Tire Data Chart, Pickup	108
K 30943 Crew Cab Pickup, Crossmember Arrangement	88	C/K 300 Rear Axle/Tire Data Chart, Chassis Cab	109
C (1/2)0906 Suburban, Crossmember Arrangement	89	ENGINE	
K (1/2)0906 Suburban, Crossmember Arrangement	90	C/K Truck, Engine, General Arrangement	110
C (310/314)03 Chassis Cab, 10,000 and 11,000 lb. GVWR, Crossmember Arrangement	91	FUEL TANK	
C (310/314)03 Chassis Cab, 10,000 and 11,000 lb. GVWR, Frame Reinforcement	92	C/K 30943 Pickup, Crew Cab	111
K (310/314)03 Chassis Cab, 12,000 lb. GVWR, Crossmember Arrangement	93	C/K (310/314)03 Chassis Cab, 10,000, 11,000 and 12,000 lb. GVWR	112
K (310/314)03 Chassis Cab, 12,000 lb. GVWR, Frame Reinforcement	94	C/K (310/314/318)03 Chassis Cab, 15,000 lb. GVWR	113
C (310/314/318)03 Chassis Cab, 15,000 lb. GVWR, Crossmember Arrangement	95	C 10706–2 Wheel Drive Utility	114
C 3500HD Outside Channel Reinforcement	96	K 10706–4 Wheel Drive Utility	115
C 10516 Utility, 2 Door, Crossmember Arrangement	97	EXHAUST	
K 10516 Utility, 2 Door, Crossmember Arrangement	98	C/K (107/109)(03/53) Pickup, 4.3L Gas Engine, Option L35	116
C 10706 Utility, 4 Door, Crossmember Arrangement	99	C/K (1/2)(07/09)(03/53) Pickup, 5.0L Gas Engine, Option L30	117
K 10706 Utility, 4 Door, Crossmember Arrangement	100	C/K (1/2)(07/09)(03/53) Pickup, 5.7L Gas Engine, Option L31	118
C/K 10706 Utility, Spare Tire Carrier	101	C/K (1/2)0906 Suburban, 5.7L Gas Engine, Option L31 and 7.4L Gas Engine, Option L29	119
C/K 10706 Utility, Platform Hitch Mounting	102	C/K 200 & C6P–C/K 309(03/53) Pickup, 5.7L Gas Engine, Option L31 and 7.4L Gas Engine, Option L29	120
AXLE/SUSPENSION		C/K 30943 Crew Cab, 5.7L Gas Engine, Option L31 and 7.4L Gas Engine, Option L29	121
C 1500/2500/3500 Front Axle/Tire Data Chart, 2 Wheel Drive	103	C/K (310/314)03 Chassis Cab, 10,000 and 12,000 lb. GVWR, 5.7L Gas Engine, Option L31 and 7.4L Gas Engine Option L29 .	122
K 1500/2500/3500 Front Axle/Tire Data Chart, 4 Wheel Drive	104	C 3500HD – Chassis Cab, 15,000 GVWR, 7.4L Gas Engine, Option L29	123
C 3500HD Front Axle/Tire Data Chart, Chassis Cab, 15,000 GVWR	105		

C/K TRUCK (CURRENT)

C/K 10516 w/5.7L Gas Engine, Option L31	124	Neutral Safety Switch Connection	128
C/K 10706 w/5.7L Gas Engine, Option L31	125	Separated Function Stop/Turn Lamps	130
ELECTRICAL		Procedure:	130
Ordering Information	126	Continuous Powered Memory Circuits (Diesel)	130
Electrical System Interfacing Guidelines	126	Auxiliary Electrical Loads	132
General Discussion	126	HVAC Controls	134
High Idle Control – (Diesel Vehicles Only)	126	Ignition Power Feed Interfacing	134

BODY BUILDERS INSTRUCTIONS	1	Model Symbol Chart	10
Section 0 – General Instructions	1	CHASSIS	
Section 1 – Body	1	C/K (15/25)703 General Arrangement	11
Conversions	2	SNOWPLOW INSTALLATION	12
Air Conditioning	2	PICKUP BOX REMOVAL PROGRAM	12
Rear Air Conditioning	2	BODY	
Section 2 – Frame	2	C/K 15703 Regular Cab with Short box	13
Flanges	2	C/K (15/25)903 Regular Cab with Long Box	14
Holes	2	C/K 15703 Regular Cab, Sportside	15
Welding	2	C/K (15/25)753 Extended Cab with Short Box	16
Alterations	3	C/K (15/25)953 Extended Cab with Long Box	17
Shear Plate Attachments	3	C/K 15753 Extended Cab, Sportside	18
Section 3 – Front Suspension	3	C/K (15/25)(7/9)03 Regular Cab Interior	19
Section 4 – Rear Suspension	3	C/K (15/25)(7/9)53 Extended Cab Interior	20
Section 5 – Brakes	3	C/K (15/25)(7/9)(03/53) Interior Seating Positions	21
Section 6 – Engine	4	C/K (15/25)(7/9)(03/53) Front Floor Seat Mounting Locations	22
Section 7 – Transmission	5	C/K (15/25)(7/9)03 Regular Cab Exterior	23
Section 8 – Fuel and Exhaust	5	C/K (15/25)(7/9)53 Extended Cab Exterior	24
Fuel Systems	5	C/K (15/25)(7/9)(03/53) Door Openings	25
Fuel Fill	5	C/K (15/25)(7/9)(03/53) Front End Sheet Metal	26
Fuel Lines	6	C/K (15/25)(7/9)(03/53) Outside, Rearview Mirror Options	27
Fuel Tank	6	C/K (15/25)(7/9)(03/53) Cab Profile Nominal, Regular/Extended Cab	28
Gaseous Fuel Conversions	6	C/K (15/25)(7/9)(03/53) Hood Profile (Chevy)	29
Exhaust System	7	C/K (15/25)(7/9)(03/53) Hood Profile (GMC)	30
Section 9 – Steering	7	C/K (15/25)(7/9)(03/53) Hood Inner Panel	31
Section 10 – Tires	7		
Section 12 – Electrical Battery and Battery Cables	8		
Auxiliary Battery (Gasoline Engines Only)	8		
Accessory Power Supply Feed	8		
Section 13 – Cooling	9		

C/K (15/25)(7/9)(03/53) Stake Pockets	32	K 15000 Front Frame	48
C/K (15/25)(7/9)(03/53) Fleetside	33	K 25000 Front Frame	49
C/K (15/25)(7/9)(03/53) Fleetside, Top Rail	34	C/K (15/25)000 Spare Tire Carrier	50
C/K (15/25)(7/9)(03/53) Fleetside, Inner Side Panel	35	C/K (15/25)000 Platform Hitch Mounting	51
C/K 157(03/53) Sportside	36	AXLE/SUSPENSION	
C/K 157(03/53) Sportside, Top Rail	37	C (15/25)000 Front Axle/Tire Data, 2 Wheel Drive	52
C/K 157(03/53) Sportside, Inner Side Panel	38	K (15/25)000 Front Axle/Tire Data, 4 Wheel Drive	53
FRAME		C/K (15/25)000 Rear Axle/Tire Data	54
C/K 15703 Rail and Crossmember Arrangement	39	FUEL TANK	
C/K 15903 Rail and Crossmember Arrangement	40	26 Gallon Fuel Tank	55
C/K 25903 Rail and Crossmember Arrangement	41	34 Gallon Fuel Tank	56
C/K 15753 Rail and Crossmember Arrangement	42	EXHAUST	
C/K 15953 Rail and Crossmember Arrangement	43	4.3L Gas Engine, Option L35	57
C/K 25753 Rail and Crossmember Arrangement	44	4.8L Gas Engine, Option LR4	58
C/K 25953 Rail and Crossmember Arrangement	45	5.3L Gas Engine, Option LM7	59
C 15000 Front Frame	46	6.0L Gas Engine, Option LQ4	60
C 25000 Front Frame	47	6.5L Turbo Diesel, Option L65	61

BODY BUILDERS INSTRUCTIONS	1	Section 13 – Heating/Cooling	9
Section 0 – General Instructions	1	Valve Sources:	9
Section 1 – Body	1	CHASSIS	
Conversions	2	L/M 11005 General Arrangement, Exterior	10
Air Conditioning	2	L/M 11006 General Arrangement, Exterior	11
Rear Air Conditioning	2	L/M 110(05, 06) General Arrangement, Interior	12
Section 2 – Frame	2	L/M 110(05, 06) General Arrangement, Interior	13
Holes	2	BODY	
Welding	2	L/M 110(05, 06F) Bumper, Tailgate and Dutch Door	14
Alterations	3	L/M 110(05, 06) Seat Mounting Hole Locations	15
Section 3 – Front Suspension	3	L/M 110(05, 06) Roof Rack Mounting	16
Section 4 – Rear Suspension	3	FRAME	
Section 5 – Brakes	3	Refer to Chassis–General Arrangement	10–13
Section 6 – Engine	3	AXLE/SUSPENSION	
Section 7 – Transmission	5	Refer to Chassis–General Arrangement	10–13
Section 8 – Fuel and Exhaust	5	FUEL TANK	
Fuel Systems	5	Refer to Chassis–General Arrangement	10–13
Fuel Fill	5	EXHAUST	
Fuel Lines	5	Refer to Chassis–General Arrangement	10–13
Fuel Tank	6	ELECTRICAL	
Exhaust System	6	Ordering Information	17
Section 9 – Steering	6	NOTE: This vehicle has two air-bags—one air bag for the driver and another air bag for the right front passenger. To help prevent unwanted inflation, see GM Service Manual for Diagnostic and Service Procedures before performing any service.	
Section 10 – Tires	7		
Section 12 – Electrical Battery and Battery Cables	7		
Accessory Power Supply Feeds	8		

BODY BUILDERS INSTRUCTIONS	1	Accessory Power Supply Feeds	10
Section 0 – General Instructions	1	Section 13 – Cooling	10
Welding	1	CHASSIS	
Labels	1	G (114/214/217/314/317)(05/06) General Arrangement	11
Section 1 – Body	2	BODY	
Conversions	2	G (114/214/214)(05/06) 135” Wheelbase, Exterior, 5, 8 or	
Air Conditioning	2	12 Passenger	12
Rear Air Conditioning	2	G (114/214/314)(05/06) 135” Wheelbase, Interior, 5, 8 or	
Section 2 – Frame	3	12 Passenger	13
Flanges	3	G (217/317)(05/06) 155” Wheelbase, Exterior	14
Holes	3	G (217/317)(05/06) 155” Wheelbase, Interior, 5, 8 or	
Alterations	3	12 Passenger	15
Shear Plate Attachments	3	G (217/317)(05/06) 155” Wheelbase, Interior, 15 Passenger	16
Trailer Towing	3	G 00000 Seat Riser Assembly Mounting	17
Section 3 – Front Suspension	3	G (114/214/217/314/317)(05/06) Roof Bows, Pedal Positions	
Section 4 – Rear Suspension	4	and Steering Wheel	18
Section 5 – Brakes	4	G (114/214/217/314/317)(05/06) Exterior, Glass	19
Section 6 – Engine	4	G (114/214/217/314/317)(05/06) Sign Area	20
Section 7 – Transmission	5	G (315/318/319)(03/32) Cutaway, Exterior	21
Section 8 – Fuel and Exhaust	6	G (315/318/319)(03/32) Cutaway, Interior	22
Fuel Systems	6	Cutaway, Rear Flange	23
Fuel Fill	6	FRAME	
Fuel Lines	6	G (114/214)(05/06) Light Duty Crossmember Arrangement,	
Fuel Tank	6	135” Wheelbase	24
Gaseous Fuel Conversions	7	G (214/314)(05/06) Heavy Duty Crossmember Arrangement,	
Exhaust System	7	135” Wheelbase	25
Section 9 – Steering	8	G 217(05/06) Light Duty Crossmember Assembly,	
Section 10 – Tires	8	155” Wheelbase	26
Section 12 – Electrical Battery and Battery Cables	8		
Battery Installation	8		

G (217/317)(05/06) Heavy Duty Crossmember Arrangement, 155" Wheelbase 27

G 315(03/32) Heavy Duty Cutaway Crossmember Arrangement, 139" Wheelbase 28

G 318(03/32) Heavy Duty Cutaway Crossmember Arrangement, 159" Wheelbase 29

G 319(03/32) Heavy Duty Cutaway Crossmember Arrangement, 177" Wheelbase 30

G (114/214/217/314/317)(05/06) Spare Tire Carrier 31

G (114/214/217/314/317)(05/06) Trailer Hitch, 135"/155" Wheelbase .. 32

AXLE/SUSPENSION

G (114/214/217/314/317)(05/06) Front Axle/Tire Data Chart 33

G (114/214/217/314/317)(05/06) Rear Axle/Tire Data Chart 34

G (315/318/319)(03/32) Front Axle/Tire Data Chart 35

G (315/318/319)(03/32) Rear Axle/Tire Data Chart 36

FUEL TANK

G (114/214/217/314/317)(05/06) General Arrangement, 135"/155" Wheelbase 37

G (315/318/319)(03/32) General Arrangement, 35 Gallon and 55 Gallon 38

EXHAUST

G (114/214/217/314/317)(05/06) Muffler Arrangement, 135"/155" Wheelbase 39

G (114/214/217/314/317)(05/06) Light Duty Converter Assembly, Engine Options L30, L31, L35 40

G (217/317)(05/06) Heavy Duty Converter Assembly, Engine Options L31 California, L35 41

G (217/317)(05/06) Heavy Duty Converter Assembly, Engine Options L31, L29 42

G (217/317)(05/06) Heavy Duty Converter Assembly, Engine Option L65 43

G 315(03/32) Heavy Duty Cutaway Converter/Muffler Assembly, Engine Option L29/L31 44

G (318/319)(03/32) Heavy Duty Cutaway Converter/Muffler Assembly, 159"/177" Wheelbase, Engine Option L29/L31 45

G (315/318/319)(03/32) Heavy Duty Cutaway Converter/Muffler Assembly, 139"/159"/177" Wheelbase, Engine Option L65 46

ELECTRICAL

Ordering Information 47

NOTE: This vehicle has two air bags—one air bag for the driver and another air bag for the right front passenger. To help prevent unwanted inflation, see GM Service Manual for Diagnostic and Service Procedures before performing any service.

P32/42 CHASSIS

BODY BUILDERS INSTRUCTIONS	1	Battery Installation	11
Section 0 – General Instructions	1	Section 13 – Heating/Cooling	13
Section 1 – Body	1	Heater	13
Conversions	2	CHASSIS	
Chassis	2	P 30032 General Arrangement, Diesel Engine, Option L65,	
Air Conditioning	2	6.5L Turbo HO	14
Section 2 – Frame	3	P 30032 General Arrangement, Diesel Engine, Option L65,	
Flanges	3	6.5L Turbo HO	15
Holes	3	P 30042 General Arrangement, Diesel Engine, Option L57,	
Welding	3	6.5L HO w/FL6 Independent Front Suspension	16
Alterations	3	P 30042 General Arrangement, Diesel Engine, Option L57,	
Shear Plate Attachments	3	6.5L HO w/FL6 Independent Front Suspension	17
Trailer Towing	4	P 30042 General Arrangement, Gas Engine, Option L31,	
Section 3 – Front Suspension	4	5.7L V8 w/FK4, I-Beam Front Suspension	18
Section 4 – Rear Suspension	4	P 30042 General Arrangement, Gas Engine, Option L31,	
Section 5 – Brakes	4	5.7L V8 w/FK4 I-Beam Front Suspension, Option FK4	19
Auxiliary Braking Systems	6	P 30042 General Arrangement, Gas Engine, Option L31, 5.7L V8,	
Section 6 – Engine	6	w/FL6 Independent Front Suspension	20
Section 7 – Transmission	7	P 30042 General Arrangement, Gas Engine, Option L31, 5.7L V8,	
Shift Cables	8	w/FL6 Independent Front Suspension	21
Section 8 – Fuel and Exhaust	8	P 30042 General Arrangement, Gas Engine, Option L35, 4.3L V6	
Fuel Systems	8	w/FK4 I-Beam Front Suspension	22
Temporary Tank	8	P 30042 General Arrangement, Gas Engine, Option L35, 4.3L V6	
Fuel Fill	8	w/FL6 Independent Front Suspension	23
Fuel Lines	9	P 30042 General Arrangement, Gas Engine, Option L35, 4.3L V6	
Fuel Tank	9	w/FL6 Independent Front Suspension	24
Exhaust System	10	P 30042 General Arrangement, Gas Engine, Option L35, 4.3L V6	
Section 9 – Steering	10	w/FL5/FL6 Independent Front Suspension	25
Section 10 – Tires/Wheels	10	P 30042 General Arrangement, Gas Engine, Option L35, 4.3L V6	
Section 12 – Electrical Battery and Battery Cables	11	w/FL5/FL6 Independent Front Suspension	26
		P 30042 General Arrangement, Gas Engine, Option L35, 4.3L V6	
		w/FL5/FL6 Independent Front Suspension	27

P 30042 General Arrangement, Diesel Engine, Option L57, 6.5L HO w/FK4/FK5 I-Beam Front Suspension	28	P 30042 Gas Engine, 4.3L V6, Option L35	38
P 30042 General Arrangement, Diesel Engine, Option L57, 6.5L HO w/FK4/FK5 I-Beam Front Suspension	29	P 30032 Gas Engine, 7.4L V8, Option L29	39
P 30042 General Arrangement, H Point Locations w/I-Beam Front Suspension Options FK4/FK5, without I-Beam Front Suspension, Options FL5/FL6/FL7	30	P 30032 Diesel Engine, 6.5L Turbo Ho, Option L65	40
P 30042 General Arrangement, School Bus Application, Option B3D/B3M	31	P 30042 Diesel Engine, 6.5L HO, Option L57	41
P 30032 Auto Apply Park Brake Harness Ground	32	P 300(32/42) Engine Removal Space Requirements and Deaeration Cooling System	42
BODY		P 30042 Air Conditioning Fittings	43
P 30000 Instrument Cluster Location	33	P 30042 Air Conditioning Compressor Locations	44
FRAME		FUEL TANK	
P 30042 Body Mounting Hole Location-P 30000 Battery Mounting Hole Location	34	P 300(32/42) Fuel Filler Neck	45
AXLE/SUSPENSION		P 30000 Fuel Tank Arrangement	46
P 30000 Chassis Data	35	P 30000 Temporary Fuel Tank Arrangement	47
P 30032 Taperleaf Suspension	36	ELECTRICAL	
ENGINE		P 30000 Center High Mounted Stop Lamp (CHMSL)	48
P 30042 Gas Engine, 5.7L V8, Option L31	37	P 300(32/42) Lamp Mounting	49
		P 300(32/42) Instrument Panel, Cut Out	50
		Ordering Information	51

BODY BUILDERS INSTRUCTIONS	1	Fuel Lines	7
Section 0 – General Instructions	1	Fuel Tank	8
Section 1 – Body	1	Exhaust System	8
Temporary Shipping Supports	2	Section 9 – Steering	9
Body Attachment to Panel Asm-Floor and Dash (Driver’s Island)	2	Section 10 – Tires/Wheels	9
Steering Column and Support	2	Section 12 – Electrical	9
Recommended “H” Point Seat Location	2	Battery Installation	9
Conversions	2	Section 13 – Heating/Cooling	11
Air Conditioning	2	Heater	12
Section 2 – Frame	3	BODY	
Flanges	3	P 32012 Drivers Island	13
Holes	3	P 32012 Instrument Cluster and Steering Wheel Tilt	14
Welding	3	CHASSIS	
Alterations	3	P 32012 General Arrangement	15
Shear Plate Attachments	3	P 32012 General Arrangement	16
Trailer Towing	4	P 32012 Front and Rear Axle/Tire Data	17
Section 3 – Front Suspension	4	P 32012 Front Suspension	18
Section 4 – Rear Suspension	4	P 32012 7.4L Gas Engine, Option L21	19
Section 5 – Brakes	4	P 32012 Air Conditioning Fittings and Compressor Locations	20
Auxiliary Braking Systems	5	P 32012 Air Induction and Radiator Fill	21
Section 6 – Engine	5	P 32012 Fuel Tank and Filler Neck Arrangement	22
Section 7 – Transmission	6	ELECTRICAL	
Section 8 – Fuel and Exhaust	7	P 32012 Instrument Panel Cut-Out	23
Fuel Systems	7		
Temporary Tank	7		
Fuel Fill	7		

FRAME HEIGHT AND RAMP ANGLE DATA

S/T TRUCK

S/T 10003 Pickup	1
Heights (To Ground)	1
Angle	1
Approach Angle(s) (Bottom of)	1
Departure Angle(s) (Bottom of)	1
S 10603 108.0" Wheelbase	2
S 10803 118.0" Wheelbase	2
S 10653 123.0" Wheelbase	2
T 10603 108.0" Wheelbase	3
T 10803 118.0" Wheelbase	3
T 10653 123.0" Wheelbase	3
S/T 10506 4-Door Utility	4
Heights (To Ground)	4
Angle	4
Approach Angle(s) (Bottom of)	4
Departure Angle(s) (Bottom of)	4
S 10506 107.0" Wheelbase	5
T 10506 107.0" Wheelbase	5
S/T 10516 2-Door Utility	6
Heights (To Ground)	6
Angle	6
Approach Angle(s) (Bottom of)	6
Departure Angle(s) (Bottom of)	6
S 10516 100.5" Wheelbase	7
T 10516 100.5" Wheelbase	7

C/K TRUCK (CURRENT)

C/K Truck (Current)	8
Heights (To Ground)	8
Angle	8
Approach Angle(s) (Bottom of)	8
Departure Angles(s) (Bottom of)	8

C 10516 111.5" Wheelbase	9
C 10706 117.5" Wheelbase	9
C 10753 141.5" Wheelbase	9
C 10906 131.5" Wheelbase	10
K 10516 111.5" Wheelbase	10
K 10706 117.5" Wheelbase	11
K 10753 141.5" Wheelbase	11
K 10906 131.5" Wheelbase	12
C 20743 154.5" Wheelbase	12
C 20903 131.5" Wheelbase	12
C 20906 131.5" Wheelbase	13
C 20953 155.5" Wheelbase	13
K 20743 154.5" Wheelbase	13
K 20753 141.5" Wheelbase	14
K 20903 131.5" Wheelbase	14
K 20906 131.5" Wheelbase	14
K 20953 155.5" Wheelbase	15
C 30743 154.5" Wheelbase	15
C 30903 131.5" Wheelbase	15
C 30943 168.5" Wheelbase	16
C 30953 155.5" Wheelbase	16
C 31003 135.5" Wheelbase	17
C 31403 159.5" Wheelbase	18
C 31803 183.5" Wheelbase	18
K 30743 154.5" Wheelbase	19
K 30903 131.5" Wheelbase	19
K 30943 168.5" Wheelbase	20
K 30953 155.5" Wheelbase	20
K 31003 135.5" Wheelbase	20
K 31403 159.5" Wheelbase	21

FRAME HEIGHT AND RAMP ANGLE DATA

C/K TRUCK (NEW)

C/K Truck (New)	22
Heights (To Ground)	22
Angle	22
Approach Angle(s) (Bottom of)	22
Departure Angles(s) (Bottom of)	22
C 15703 119" Wheelbase	23
C 15753 143.5" Wheelbase	23
C 15903 133" Wheelbase	23
C 15953 157.5" Wheelbase	24
K 15703 119" Wheelbase	24
K 15753 143.5" Wheelbase	24
K 15903 133" Wheelbase	25
K 15953 157.5" Wheelbase	25
C 25753 143.5" Wheelbase	25
C 25903 133" Wheelbase	26
C 25953 157.5" Wheelbase	26
K 25753 143.5" Wheelbase	26
K 25903 133" Wheelbase	26
K 25953 157.5" Wheelbase	27

L/M VAN

L/M 110(05, 06)	28
Heights (To Ground)	28
Angle	28
Approach Angle(s) (Bottom of)	28
Departure Angle(s) (Bottom of)	28
L 11005 111.0" Wheelbase	29
L 11006 111.0" Wheelbase	29
M 11005 111.0" Wheelbase	29
M 11006 111.0" Wheelbase	30

G-VAN (GMT 600)

G Van (GMT 600)	31
Heights (To Ground)	31
Angle	31
Approach Angle(s) (Bottom of)	31
Departure Angle(s) (Bottom of)	31
G 11405 135.0" Wheelbase	32
G 11406 135.0" Wheelbase	32
G 21405 135.0" Wheelbase	32
G 21406 135.0" Wheelbase	32
G 21705 155.0" Wheelbase	33
G 21706 155.0" Wheelbase	33
G 31405 135.0" Wheelbase	33
G 31406 135.0" Wheelbase	33
G 31503 139.0" Wheelbase	34
G 31532 139.0" Wheelbase	34
G 31705 155.0" Wheelbase	34
G 31706 155.0" Wheelbase	35
G 31803 159.0" Wheelbase	35
G 31832 159.0" Wheelbase	35
G 31903 177.0" Wheelbase	36
G 31932 177.0" Wheelbase	36

P32/42 CHASSIS

P 30032 Models w/Independent Front Suspension	37
Heights (To Ground)	37
Angle	37
Approach Angle(s) (Bottom of)	37
Departure Angle(s) (Bottom of)	37
P 31432 158.5" Wheelbase	38
P 31832 178.0" Wheelbase	38
P 31932 190.0" Wheelbase	38
P 32032 208.0" Wheelbase	39
P 32132 228.0" Wheelbase	39

FRAME HEIGHT AND RAMP ANGLE DATA

P 30042 Models with Independent Front Suspension	40	Departure Angle(s) (Bottom of)	43
Heights (To Ground)	40	P 30842 125.0" Wheelbase	44
Angle	40	P 31042 133.0" Wheelbase	44
Approach Angle(s) (Bottom of)	40	P 31442 157.0" Wheelbase	45
Departure Angle(s) (Bottom of)	40	P 31842 178.0" Wheelbase	45
P 30842 125.0" Wheelbase	41		
P 31042 133.0" Wheelbase	41	P12 CHASSIS	
P 31442 157.0" Wheelbase	42	P 30012 Models with "I" Beam F10/FK8 Front Axle	46
P 31842 178.0" Wheelbase	42	Heights (To Ground)	46
P 00042 Models with "I" Beam FK4/FK5 Front Axle	43	Angle	46
Heights (To Ground)	43	Approach Angle(s) (Bottom of)	46
Angle	43	Departure Angle(s) (Bottom of)	46
Approach Angle(s) (Bottom of)	43	P 32012 208.0" Wheelbase	47