

'81 CHEVY BUS CHASSIS



P30 CHASSIS. A SOLID BASE FOR INTERMEDIATES. SEATS UP TO 30.

Chevy's P30 Forward Control Chassis with wheelbases of 125", 133" or 157" provide sound support for intermediate-sized school bus bodies. These chassis feature a sturdy steel frame that can handle bodies with capacities up to 30 passengers. A 4.8 Liter (292 Cu. In.) six-cylinder engine is standard, with a 5.7 Liter (350 Cu. In.) V8 optional. The standard transmission is a 4-speed manual, with a 3-speed automatic transmission optional. Power steering is standard. Dual rear wheels and heavy-duty front disc and finned rear drum brakes are standard, along with main and rear auxiliary springs having a capacity of 4000 lbs. each. To qualify the P30 Chassis for school bus use, the RPO B3D must be ordered. RPO B3D (School Bus Chassis Equipment) includes:

- Frame with extended rear overhang
 - 125" WB68" rear overhang
 - 133" WB89" rear overhang
 - 157" WB93" rear overhang
- Bus Certification/Incomplete Vehicle Document



Chevy
P30 Chassis
for Intermediates

- Fuel tank. ICC 30-gallon rear-mounted fuel tank with right-hand fill. Left-hand fill available on special order.
- RPO B3M (School Bus Chassis Equipment Deluxe) in addition to RPO B3D may be ordered, and includes:
- 80-amp alternator • New heavy-duty, high-capacity Delco Freedom battery • 100-amp connector for body electrical system • Dual-note horns • Prop-shaft guards • Black painted wheels • Black painted bumper.

ENGINES WITH H. DUTY EMISSIONS FOR MODELS ABOVE 8500 GVWR FOR ALL STATES

DISPLACEMENT - LITER (CU. IN.)	4.8L (292 CU. IN.)	5.7L (350 CU. IN.)
ENGINE ORDERING CODE	L25(A)	L19(B)
BORE & STROKE (IN.)	3.9 x 4.1	4.0 x 3.5
COMPRESSION RATIO	7.8 to 1	8.3 to 1
SAE NET HORSEPOWER @ RPM	115 @ 3400	(N.A.)
SAE NET TORQUE (LB-FT) @ RPM	215 @ 1600	(N.A.)

(A) Produced by GM de Mexico.
(B) Produced by GM-Chevrolet Motor Division and GM of Canada.
(N.A.) Not available at time of printing.

SPECIFICATIONS

GVW RANGE (LB.)	11,500	14,500
AVAILABILITY	Standard	Optional
ENGINE - LITER (CU. IN.)	STD. 4.8L (292 CU. IN.)	—
	OPT. 5.7L (350 CU. IN.)	5.7L (350 CU. IN.)
FRONT SUSPENSION	TYPE INDEPENDENT COIL SPRINGS	
	CAPACITY (LB.)	4000
	SPRING CAPACITY (LB.) EA.	2200
REAR SUSPENSION	AXLE TYPE FULL-FLOATING	
	CAPACITY (LB.)	7900
	SPRING CAPACITY (LB.) EA.	3100
BRAKES	FRONT/REAR	HYD. POWER - DRUM/DISC @
ELECTRICAL	BATTERY (WATTS)	370 CCA •
	GENERATOR (AMP)	42
FUEL TANK	NOMINAL CAP (GAL.)	31
STEERING	TYPE INTEGRAL POWER	
TRANSMISSION	MANUAL	4-SPD. —
	AUTOMATIC	— AUTOMATIC
TIRE SIZE, TUBELESS	8.75-16.5C FRONT 8.75-16D REAR •	

DIMENSIONS (IN.)

MODELS	WB	OL	FRONT OVERHANG	REAR OVERHANG
CP30842	125"	226.6	36.0	65.7
CP31042	133"	250.6	36.0	81.7
CP31442	157"	274.6	36.0	81.7

A WORD ABOUT THIS CATALOG. We have tried to make this catalog as comprehensive and factual as possible and we hope you find it helpful. However, since the time of printing, some of the information you will find here may have been updated. Also, some of the equipment shown or described throughout this catalog are available as factory-installed options, dealer accessories and specialized equipment from various independent suppliers at extra cost. Your dealer has details and, before ordering, you should ask him to bring you up to date.

The right is reserved to make changes at any time, without notice, in prices, colors, materials, equipment, specifications and models. Check with your Chevrolet dealer for complete information.

• 4-wheel disc brakes are included on 14,500 GVWR.

• Cold Cranking Amps @ 0°F.

• Larger size tubeless tires available.

B60 CHASSIS. FOR BODIES ACCOMMODATING UP TO 72.



Chevy
B60 Chassis
for School Bus

A big bus needs a rugged base and Chevy's got it: the B60 chassis. The B60 comes in six available wheelbases — 149," 189," 218," 235," 254" plus there's an extended 274" wheelbase. These chassis will accommodate a wide range of bus bodies available from various manufacturers with capacities up to 72 passengers. Tough ladder-type frames, I-beam front axles and variable-rate springs are significant features of the B60. And for 1981, there's a redesigned cowl with the vent eliminated to help eliminate a source of water leaks into the body.

INCREASED BRAKING POWER.

The B60's dual-power brake system combines vacuum assist with hydraulic assist for increased braking power with less pedal force.

DIESEL POWER AVAILABLE.

The 8.2 Liter Detroit Diesel Allison Fuel Pincher diesel in naturally aspirated 165 Gross HP (153 Net HP) and turbocharged 205 Gross HP (193 Net HP) versions is

available for the B60. A 5.7 Liter (350 Cu. In.) V8 gas engine is standard with a 6.0 Liter (366 Cu. In.) V8 and a big 7.0 Liter (427 Cu. In.) V8 optional.

CHEVY B60 BUS CHASSIS CAN MEET ALL NEA REQUIREMENTS.

Chevy B60 chassis meet or exceed all NEA recommended minimum standards for school buses when equipped with the standard and optional equipment listed here:

Standard: Full-width front bumper • Power steering • 80-amp generator • Dual generator drive belts • Dual electric horns • Front shock absorbers • Synchronized transmission • Dual brake system • Brake system failure warning light and buzzer • 30-gallon frame-mounted fuel tank • Drive shaft guards • Extended tail pipe • Yellow paint. **Optional:** Class "A" turn signals • Voltmeter • Rear shock absorbers. (Note: All tires must be same size and ply rating.)

SPECIFICATIONS

MODEL	B6P042
GVW RANGE (LB.)	19,000-25,000
ENGINES - CU. IN. + (L) STD.	350 CU. IN. (5.7L) V8
OPTIONAL	366 CU. IN. (6.0L) V8
	427 CU. IN. (7.0L) V8
	8.2 LITER V8 DIESEL
	8.2 LITER V8 DIESEL (TURBOCHARGED)
FRONT SUSPENSION - TYPE	LEAF SPRING
CAPACITY (LB.) EA.	7,000
FRONT AXLE (LB.)	6,000
AXLE, REAR - TYPE	SINGLE-SPEED HYPOID
CAPACITY (LB.)	15,000
SPRING CAPACITY (LB.) EA.	7,500
BRAKES	DUAL POWER HYDRAULIC
ELECTRICAL	
BATTERY	460 CCA*
GENERATOR	80 AMP
FUEL TANK NOMINAL CAP. (GAL.)	30
STEERING	POWER
TRANSMISSION	
STD.	4-SPD. MANUAL
OPTIONAL	AUTOMATIC
TIRE SIZE, TUBELESS	8.25-20 E (10 PR)

*Cold Cranking Amps @ 0°F

ENGINE SPECIFICATIONS

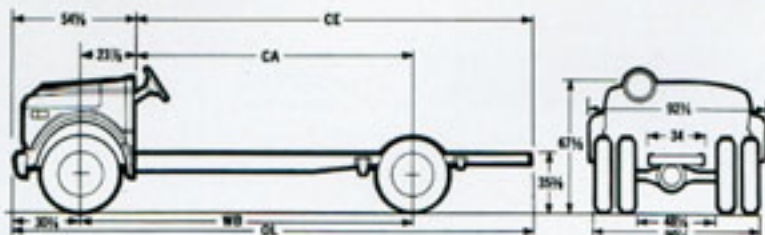
ENGINE-CU. IN. (L) + TYPE	350 CU. IN. (5.7L) V8	366 CU. IN. (6.0L) V8	427 CU. IN. (7.0L) V8	8.2 LTR DIESEL
ENGINE ORDERING CODE	LF5	L86	L43	LWB LWA*
BORE & STROKE	4.0 x 3.48	3.94 x 3.76	4.25 x 3.76	4.25 x 4.41
COMPRESSION RATIO	7.9	7.6	7.5	19 to 1 17 to 1*
SAE NET HORSEPOWER @ RPM	180 @ 3800	180 @ 3800	196 @ 3800	153 @ 3000 193 @ 3000*
SAE NET TORQUE (LBS./FT.) @ RPM	290 @ 2400	290 @ 2400	340 @ 2400	332 @ 1200 414 @ 1700*

*Turbocharged

DIMENSIONS (IN.)

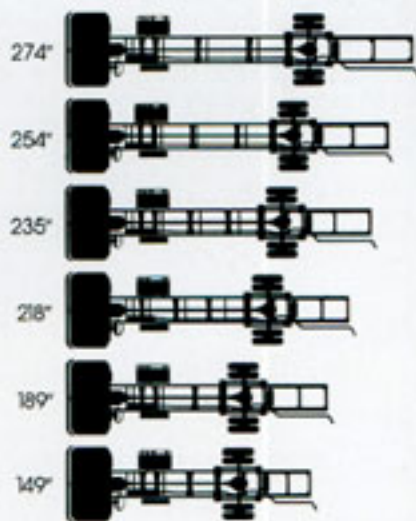
PUPIL CAPACITY	WB	CA	CE	OL
36	149	125	227	282
48	189	165	268	322½
54	218	194	295	349½
60	235	211	323	377½
66	254	230	349	403½
66-72	274	250	368	423½

*Available on special order

**A WORD ABOUT ASSEMBLY, COMPONENTS AND OPTIONAL EQUIPMENT IN THESE CHEVROLET PRODUCTS.**

The Chevy bus chassis (Series B60, P30 and G30) described in this brochure are assembled at facilities of General Motors Corporation operated by Chevrolet Motor Division, GM Assembly Division or GMC Truck & Coach Division. These Chevy chassis incorporate thousands of different components produced by various divisions of General Motors and by various suppliers to General Motors. From time to time during the manufacturing process, it may be necessary, in order to meet public demand for particular vehicles or equipment or to meet federally mandated emissions, safety and fuel economy requirements, or for other reasons, to produce Chevrolet products with different components or differently sourced components than initially scheduled. All such components have been approved for use in Chevrolet products and will provide the quality performance associated with the Chevrolet name. The bodies are made by outside firms.

With respect to extra cost optional equipment, make certain you specify the type of equipment you desire on your vehicle when ordering it from your dealer. Some options may be unavailable when your vehicle is built. Your dealer receives advice regarding current availability of options. You may ask your dealer for this information. GM also requests the dealer to advise you if an option

B60 BUS CHASSIS SIZES

you ordered is unavailable. We suggest that you verify that your vehicle includes the optional equipment you ordered or, if there are changes, that they are acceptable to you. These chassis are also available from GMC dealers under the GMC nameplate (GMC Series TB6000, P3500 and G3500).

CHEVY CUTAWAY VAN CHASSIS. RIGHT FOR BUS BODIES SEATING UP TO 20.



Chevy
Cutaway Van

Chevy cutaway van chassis model CG31303 with a 125" wheelbase is available for small bus applications by specifying School Bus Chassis Equipment Option B3D and using compact, specially designed bus bodies which are adaptable to the chassis. This vehicle can be completed to accommodate up to 20 students or 16 adults. It's available with an 8900-lb. or 10,000-lb. Gross Vehicle Weight Rating.

New for '81 are higher efficiency radiators, improved air cleaners and additional corrosion treatments for brake and fuel lines.

New halogen-type high-intensity headlamps and Cruise Control with new "resume speed" feature join the long list of options for Chevy cutaway van chassis.

SPECIFICATIONS

MODEL		G31303 (B3D)	
GVW RANGE (LB.)		8900	10,000
ENGINE — LITER (CU. IN.)	STANDARD	5.7 L (350 CU. IN.) V8	
	OPTIONAL	6.6L (400 CU. IN.) V8	
FRONT SUSPENSION	TYPE	INDEPENDENT COIL SPRINGS	
	CAPACITY (LB.)	3900	
	SPRING CAPACITY (LB.) EA.	1700	1950
REAR SUSPENSION	TYPE	FULL-FLOATING	
	CAPACITY (LB.)	6200	7500
	SPRING CAPACITY (LB.) EA.	3000	3600
BRAKES		H. DUTY POWER DISC/DRUM	
ELECTRICAL	BATTERY	370 CCA*	465 CCA*
	GENERATOR (AMP)	37	63
FUEL TANK	NOMINAL CAP. (GAL.)	33	
STEERING		HYD. POWER	
TRANSMISSION		3-SPD. MANUAL	AUTOMATIC
	TIRE SIZE	8.00-16.5C (6PR)	8.00-16.5D (8PR)

*Cold Cranking Amps @ 0°F.

ENGINES WITH H. DUTY EMISSIONS FOR MODELS ABOVE 8500 GVWR FOR ALL STATES

DISPLACEMENT — LITER (CU. IN.)	5.7 L (350 CU. IN.)
ENGINE ORDERING CODE	L19(A)
BORE AND STROKE (IN.)	4.0 x 3.5
COMPRESSION RATIO	8.3 to 1
SAE NET HORSEPOWER @ RPM	(N.A.)
SAE NET TORQUE (LBS. FT) @ RPM	(N.A.)

(A) Produced by GM-Chevrolet Motor Division and GM of Canada.
(N.A.) Not available at time of printing.

DIMENSIONS	WB	OL	OH	W
CG31303 (CUTAWAY VAN)	125	197.6	81.6	79.2

CHEVY SUBURBAN SEATS UP TO NINE.

Chevy Suburban has been restyled for 1981. It has a new aerodynamically designed front end to help cut air resistance. C10 Suburban's new standard engine is a fuel efficient* 5.0 Liter (305 Cu. In.) with 4-barrel carburetor and new Electronic Spark Control. It's a small high-compression V8 that performs on low-octane, unleaded fuel. Other optional Suburban engines, depending upon model, include the 5.7 Liter (350 Cu. In.) and 7.4 Liter (454 Cu. In.). And underneath, Suburban still has the ruggedness and carrying capacity of its tough truck chassis. For complete details, check the Suburban catalog or see your Chevy dealer. Note: Suburbans do not meet National School Bus Standards. Be sure to check your local regulations to determine if Suburban can be converted to a school bus.



CHEVY VAN SEATS UP TO 16 STUDENTS OR 12 ADULTS.

Chevy Van — Chevy Van model CG31305 with a 125" wheelbase can be converted to a small bus. This vehicle can be completed to accommodate up to 16 students or 12 adults.

Minimum chassis requirements for Chevy Van small bus application are:

GVMW	8600 lbs.	
School Bus Equipment Option	RPO 83D	
Engine	5.7 Liter (350 Cu. In.) (V8)	(379)
Steering	Hydraulic Power	(310)
Brakes	Heavy-Duty Power	(310)
Springs, front	1950 lbs. each	(310)
Springs, rear	2700 lbs. each	(310)
Stabilizer, front	54.16" diameter	(310)
Tires — front	8.75-16.5 E (RFR)	(379)
— single rear	8.75-16.5 E (RFR)	(719)



	ENGINES WITH LT-MEDIUM-DUTY EMISSIONS FOR MODELS OF 8500 GVWR AND BELOW FOR ALL STATES		ENGINES WITH HEAVY-DUTY EMISSIONS FOR MODELS OVER 8500 GVWR FOR ALL STATES	
DISPLACEMENT — LITER (Cu. In.)	5.0L (305) V8 ^(A)	5.7L (350) V8	5.7L (350) V8	7.4L (454) V8
ENGINE ORDERING CODE	L890	L89A	L89A	L89A
BORE & STROKE (in.)	3.74 x 3.48	4.0 x 3.5	4.0 x 3.5	4.3 x 4.0
COMPRESSION RATIO	9.2 to 1	8.2 to 1	8.3 to 1	7.9 to 1
SAE NET HORSEPOWER @ RPM	165 @ 4600	(N.A.)	(N.A.)	210 @ 3600
SAE NET TORQUE (Lb.-ft.) @ RPM	240 @ 2000	(N.A.)	(N.A.)	340 @ 2600

(A) Produced by GM-Chevrolet Motor Division. (N.A.) Not available at time of printing.
 (B) Produced by GM-Chevrolet Motor Division and GM of Canada. (N.A.) Not Available in California.
 *Electronic Spark Control.

A word about engines: Chevrolet trucks are equipped with GM-built



With available 2nd and 3rd seats, Suburban provides comfortable seating for up to nine adults. Converts to cargo carrier in seconds.

engines produced by various divisions. See your dealer for details. Please refer to Chevy Suburban powerteam engine chart on this page.

*For light-duty Chevrolet truck EPA mileage estimates, check the wall poster displayed at your Chevrolet dealer's showroom, or ask for an EPA mileage sheet to take home with you.

CHEVY VAN ENGINE LINEUP	HEAVY-DUTY EMISSIONS (OVER 8500-LB. GVWR)
Displacement — Liter (Cu. In.)	5.7L (350) V8
Engine Ordering Code	L79 (A)
Bore & Stroke (in.)	4.0 x 3.5
Compression Ratio	8.3 to 1
SAE Net Horsepower @ RPM	(N.A.)
SAE Net Torque (Lb.-ft.) @ RPM	(N.A.)

(A) Produced by GM-Chevrolet Motor Division. (N.A.) Not available at time of printing.

School Bus Chassis Equipment Option (B3D) — Specifies the Chevy Van model CG31305 as adaptable for small bus modification and application. When ordered with the appropriate RPO, the vehicle will be manufactured as an incomplete vehicle. An incomplete vehicle document (IVD) and a Brake Center of Gravity document will be furnished with the vehicle. If the vehicle is completed in accordance with instructions contained in the IVD, it will comply as a school bus to FMVSS*105 Hydraulic Braking Systems and FMVSS301 Fuel System Integrity.

Chevy also offers a full line of available chassis equipment options to help tailor vehicle requirements to your customer's needs. The following options are recommended for small bus application:

Automatic Transmission	(303)
Heavy-Duty Coating	(V03)
Included when automatic transmission is specified.	
Heavy-Duty Battery	(3A8)
Gauges — Voltmeter	(252)
— temperature — Oil Pressure	
Alternator — 63-amp	(328)
— 83-amp	(764)
Fuel tank — 33-gallon	(367)

*Available on special order.

CHEVY TRUCKS
 AN IMPORTANT STEP AHEAD.

*FEDERAL MOTOR VEHICLE SAFETY STANDARDS.