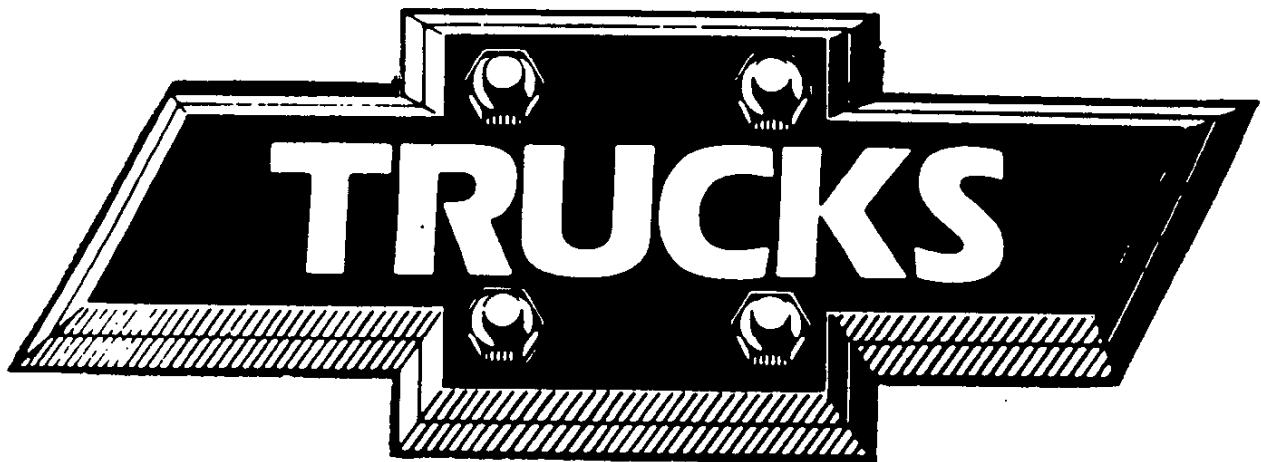




CHEVROLET



1968

20

SERIES C10

GVW Ratings up to 5000 lb

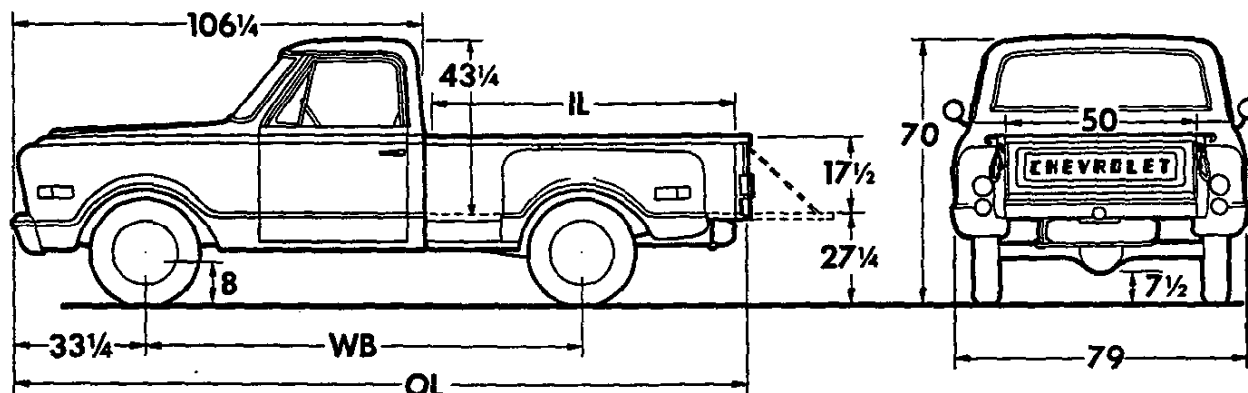
SERIES C10—STEPSIDE PICKUPS

Six-Cylinder Models

CS10704 Stepside Pickup
CS10904 Stepside Pickup

V8 Models

CE10704 Stepside Pickup
CE10904 Stepside Pickup



Models	Dimensions (in)*			→Curb Weights (lb)			Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
CS10704 CE10704	115	78 1/4	188 1/2	2001 2126	1416 1436	3417 3562	1%	99%
CS10904 CE10904	127	98	207 1/4	2095 2221	1412 1429	3507 3650	3	97

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

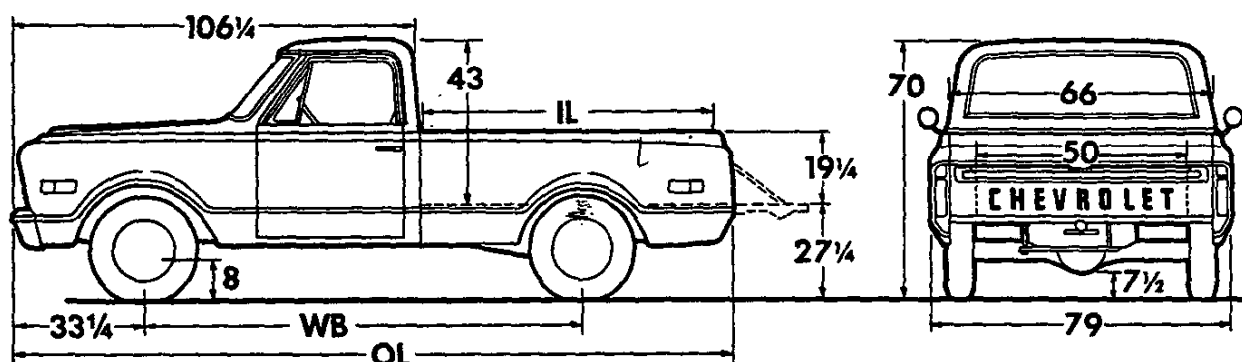
SERIES C10—FLEETSIDE PICKUPS

Six-Cylinder Models

CS10734 Fleetside Pickup
CS10934 Fleetside Pickup

V8 Models

CE10734 Fleetside Pickup
CE10934 Fleetside Pickup



Models	Dimensions (in)*			→Curb Weights (lb)			Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
CS10734 CE10734	115	78 1/4	188 1/2	2014 2139	1481 1501	3495 3640	2%	98%
CS10934 CE10934	127	98	207 1/4	2118 2243	1484 1502	3602 3745	4	96

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

ORIGINAL COPY

SERIES C10

SERIES C10—CHASSIS-CABS

Six-Cylinder Models

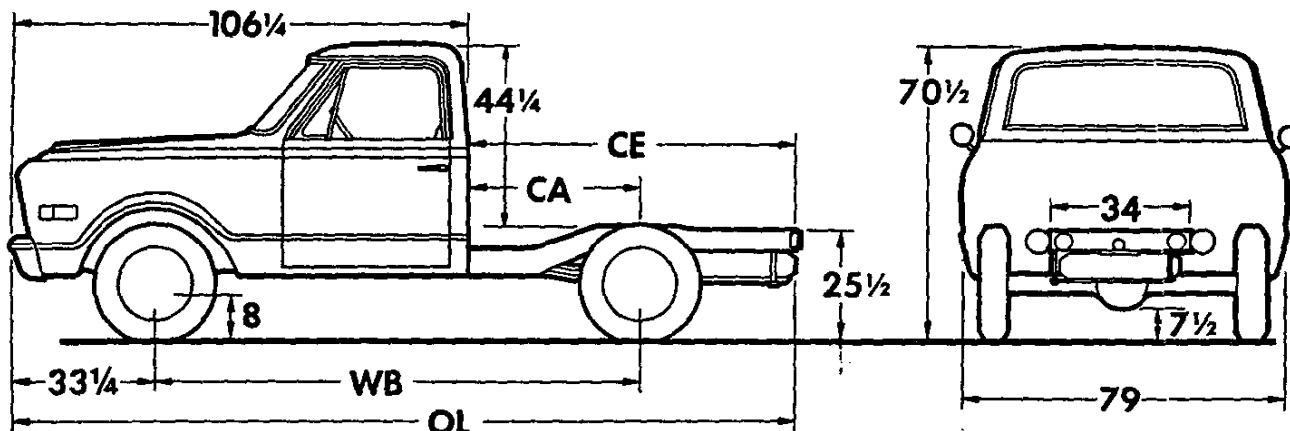
CS10703 Chassis-Cab

CS10903 Chassis-Cab

V8 Models

CE10703 Chassis-Cab

CE10903 Chassis-Cab



Models	Dimensions (in)★				→Curb Weights (lb)			Body-Payload Wt. Dist.*		
	WB	CA	CE	OL	Front	Rear	Total	Body	Front	Rear
CS10703 CE10703	115	42	75½	181¾	2004 2135	1072 1086	3076 3221	6'	3%	97%
CS10903 CE10903	127	54	95½	201¾	2054 2186	1043 1054	3097 3240	7' 7½' 8'	7 5 2	93 95 98

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

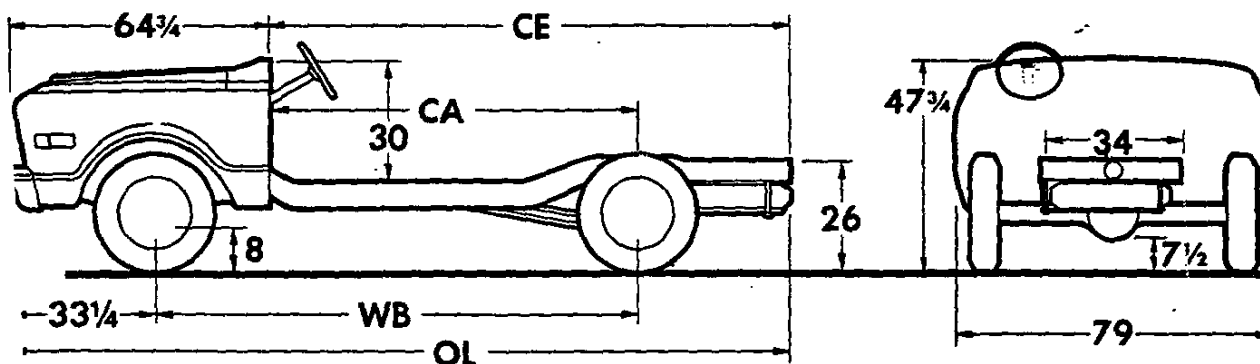
SERIES C10—COWLS

Six-Cylinder Models

CS10702 Chassis-Cowl

V8 Models

CE10702 Chassis-Cowl



Models	Dimensions (in)★				→Curb Weights (lb)			Body-Payload Wt. Dist.	
	WB	CA	CE	OL	Front	Rear	Total	Front	Rear
S10702	115	83 1/2	117	181 1/4	1603	892	2495	Determined by style, length & weight of body	
E10702					1731	909	2640		

Dimensions with std equipment, unloaded.

STANDARD EQUIPMENT

Air Cleaner: Oiled-paper element

Axle, Rear: Hypoid semi-floating type; ratio 3.73; capacity 3500 lb

Battery: 12-volt, 54-plate; capacity 53 amp-hr

Bodies: See *Cabs, Bodies & Colors*

Brakes, Service: Hydraulic; self-adjusting; dual system

Sizes: front 11" x 2"; rear 11" x 2"

Effective area: drum 276 sq in; lining 167 sq in

Brake, Parking: Cable to rear wheels; area 83 sq in

Bumper: Front only, painted

Carburetor: CS10: single-barrel downdraft
CE10: two-barrel downdraft

Clutch: CS10: diameter 10"; area 100 sq in
CE10: diameter 11"; area 124 sq in

Cooling: CS10: 1¼" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap

CE10: 1¼" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap

Controls & Instruments: 03, 04 and 34 models—hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator

02 models—hand choke; light switch; headlight beam control; speedometer; odometer; high beam indicator light; fuel gauge; ammeter, oil pressure & engine temperature gauges; brake warning light

Direction Signals: Class A; two front and two rear; two front & switch only on 02 models. Includes freeway lane-change position on switch & integral hazard warning switch

➔ **Engine:** CS10: 250 Six; closed positive crankcase ventilation

Gross horsepower.....155 @ 4200 rpm

Net horsepower.....120 @ 3800 rpm

Gross torque, lb-ft.....235 @ 1600 rpm

Net torque, lb-ft.....210 @ 2000 rpm

CE10: 307 V8; closed positive crankcase ventilation

Gross horsepower.....200 @ 4600 rpm

Net horsepower.....150 @ 4000 rpm

Gross torque, lb-ft.....300 @ 2400 rpm

Net torque, lb-ft.....255 @ 2000 rpm

➔ **Exhaust Emission Control Equipment:** See *Engine & Clutch* section for types used

Exhaust System: Single pipe & aluminized muffler

➔ **Filter, Fuel:** Wire mesh in fuel tank; paper filter in carburetor

Filter, Oil: CS10: full-flow; 1-quart; throwaway type
CE10: full-flow; 1-quart; replaceable-element type

Frame: 39,000-lb-test steel; section modulus 2.98

Fuel Pump: Single-action

Generator: 37-amp Delcotron

GVW Plate: 5000 lb

Heater & Defroster: Deluxe-Air (except cowl)

Lights & Reflectors:

03 models: Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front side marker reflectors; two backup; one license, instrument panel & dome

04 & 34 models: Same as 03 models plus two rear side marker reflectors

02 models: Two headlights; two Class A front combination parking/direction signals; one rear combination tail/stop (shipping purposes only); two front side marker reflectors; wiring only for backup, stop & rear direction signals; instrument panel

Mirror, Rearview:

03, 04 & 34 models: Exterior RH & LH 6¼" fixed arm
02 models: None

Seat: Full-width (except cowl models)

Seat Belts: Driver & passenger (except cowl models) includes retractors

Shock Absorbers: Front & rear; piston diameter 1"

Springs, Front: Coil; capacity 1250 lb each

Springs, Rear: Coil; capacity 1250 lb each

Steering: Ball-gear, ratio 24:1; wheel dia 16½"

Suspension, Front: Independent; capacity 2500 lb

Tank, Fuel: 04, 34, 03 models—back of seat in cab capacity approx 21 gal

02 models—inside frame at rear; capacity approx 20.5 gal

Tires: Five tubeless 8.15-15/4PR front, single rear and spare

Tools: 2500-lb mechanical jack; wheel wrench

Transmission: CS10: 3-speed synchromesh; steering column gearshift; ratios 2.94, 1.68, 1.00, 3.14 (rev)

CE10: 3-speed fully synchronized steering column gearshift; ratios 2.85, 1.68, 1.00, 2.9 (rev)

Wheels: Five 15" x 5½"; attachment, 6 studs on 5½" circle; spare carrier under frame; 4 painted hubcap

Windshield Wipers & Washer: Electric; 2-speed wipers; not included on 02 models

➔ Indicates change

SERIES C10

GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
4400	Standard
4800	2000-lb rear springs
5000♦	2000-lb rear springs

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See Optional Equipment and Tire & Wheel Combination pages.

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for availability

►Engine:

292 Six (CE10 models only); includes 3-speed fully synchronized transmission & 11" clutch. . . . L25

Gross horsepower. 170 @ 4000 rpm
Net horsepower. 135 @ 3600 rpm
Gross torque, lb-ft. 275 @ 1600 rpm
Net torque, lb-ft. 240 @ 1800 rpm

327 V8 (CE10 models only); includes automatic choke & 12" clutch. Not available with Overdrive transmission. L30

Gross horsepower. 240 @ 4400 rpm
Net horsepower. 180 @ 4000 rpm
Gross torque, lb-ft. 330 @ 3000 rpm
Net torque, lb-ft. 285 @ 2400 rpm

396 V8 Two-Barrel (CE10 models only); includes manual choke, 12" clutch & single exhaust. Not available with Powerglide, Chevrolet 3-speed or Overdrive transmission. L66

Gross horsepower. 275 @ 4400 rpm
Net horsepower. 190 @ 4000 rpm
Gross torque, lb-ft. 390 @ 2800 rpm
Net torque, lb-ft. 330 @ 2400 rpm

396 V8 Four-Barrel (CE10 models only); includes automatic choke, 12" clutch & dual exhausts. Not available with Powerglide, Chevrolet 3-speed or Overdrive transmissions. L47

Gross horsepower. 310 @ 4800 rpm
Net horsepower. 235 @ 4000 rpm

Gross torque, lb-ft. 400 @ 3200 rpm
Net torque, lb-ft. 345 @ 3000 rpm

►Transmission:

Powerglide; includes HD radiator; not available with 396 engine. M35

Turbo Hydra-Matic; includes HD radiator. Includes 3.07 rear axle ratio when ordered with 327 or 396 engine. M49

Chevrolet 3-speed fully synchronized; with 250 engine only. M17

Warner T16D 3-speed; includes 3.07 rear axle ratio. With 396 engine only. M16

Chevrolet CH465 4-speed; includes 11" clutch. M20

New Process 435CR 4-speed close-ratio; includes Dana rear axle with 3.54 ratio when 396 engine is ordered. M28

Overdrive; includes 4.11 rear axle ratio. Not available with 327 or 396 engine. M10

►Axle, Rear: Capacity 3500 lb

Ratio 3.07; included when Turbo Hydra-Matic is ordered with 327 or 396 engines. Not available when Powerglide, Overdrive or 396 engine is ordered. H01

Ratio 3.73; with 327 engine, Chevrolet CH465 4-speed or Turbo Hydra-Matic only. H05

Ratio 4.11; included with Overdrive transmission. Not available with 396 engine. H04

Positraction; not available with 3.07 rear axle ratio. G80

POWR-LOK; with 396 engine & Chevrolet CH465 4-speed or NP435CR transmission only. G87

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

Air Cleaner: Oil-bath; capacity 1 quart. Not available on CE10 models with automatic transmission or when 396 engine is ordered. K48

Air Cleaner, Heavy-Duty: Includes oil-bath re-cleaner; not available with 327 or 396 engine or on cowl or on CE10 models with automatic transmission. K46

Air Conditioning, All-Weather: Includes HD radiator, battery & 42-amp generator; not available on cowl. C60

Armrests: Chassis-cab & pickup models with standard seat only. D14

Attire: RH & LH. D14

Auxiliary: not available on O2 models. For use with camper body installations to provide auxiliary electrical supply. TP2

Heavy-duty: 70-amp-hr; included when HD starter or air conditioning is ordered. T60

Seats: Installed for center third passenger. Not available on O2 models or with bucket seats. AM3

Brackets, Mounting: For mounting pickup box; chassis-cab models only. E80

Brakes, Vacuum Power: Includes dual-element air cleaner on CS10 models. I70

►Bumper:

Painted rear; with std painted front bumper only (pickups only). V38

Painted step-type rear (pickups only). V43

Chrome front (pickups & chassis-cabs); included with Custom Sport Truck Option. V371

Chrome rear (pickups only); with Custom Sport Truck Option only. V372

Chrome front & rear (pickups only); not available with Custom Sport Truck Option. V371/V372

Caps, Hub: Chrome. P03

Carrier, Spare Wheel: Side mounted; pickup models only. P13

Clutch, HD: Dia 11"; for 250 engine with 3-speed, Overdrive or New Process 4-speed transmissions only. M01

OTHER OPTIONAL EQUIPMENT (Continued)

- Cooling:** Not available when air conditioning is ordered
HD radiator only; included when automatic transmission is ordered. V01
HD radiator & extra-HD cooling equipment; not available on cowl models. V05
- ➔ **Custom Camper Nameplate:**
 Pickup models only; see page 1 of *Recreational Vehicles* section for minimum requirements. Z81
- ➔ **Custom Comfort & Appearance Option:**
 For chassis-cabs & pickups only; includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; Chevrolet nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "Custom" emblems. Not available when Custom Sport Truck Option or bucket seats are ordered. Z62
- Custom Side Molding:** Cab models only; also includes side & rear pickup box moldings when ordered on Fleetside pickups. B98
- ➔ **Custom Sport Truck Option:** For chassis-cabs & pickups only; includes full-depth foam seat with colored-keyed deluxe two-tone all-vinyl trim; color-keyed carpeting; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; Chevrolet nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; chrome front bumper; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "CST" emblems, pedal trim. Not available when Custom Comfort & Appearance Option is ordered. Z84
- Filter, Fuel** K28
- Floor, Pickup Box:** Wood with steel skid strips. Fleetside pickup models only. E81
- Gauges:** Not available on cowls
 Ammeter, engine temperature & oil pressure Z53
 Tachometer, ammeter, engine temperature & oil pressure. U16
- Generator, Alternating Current:**
 12-42-amp Delcotron K79
 5-61-amp Delcotron K76
 23-62-amp Delcotron K81
- Glass, Soft-Ray:** Not available on cowls
 Windshield only. A112
 All windows. A111
- ➔ **Governor:** Not available with automatic or overdrive transmissions; includes dual element air cleaner on CS10 models
 250 engine: 1800-3000 rpm (low rpm setting) K371
 2800-4000 rpm (high rpm setting) K372
 292 engine: 2100-3000 rpm (low rpm setting) K371
 2800-3900 rpm (high rpm setting) K372
 307 engine: 2300-3100 rpm (low rpm setting) K371
 2800-4100 rpm (high rpm setting) K372
- ➔ **Guards, Door Edge:** Not available on cowl models. B93
- ➔ **Harness, Camper Body Electric:** Chassis-cab & pickup models only. UY1
- Harness, Shoulder:** Driver & passenger; not available on cowls. A85
- Heater & Defroster Deletion:** Not available on cowls or with air conditioning. C48
- ➔ **Hooks, Towing:** Two, front; not available with chrome bumper or power steering. V76
- Lamps, Marker:** Five; not available on cowls U01
- Lock:** Side wheel carrier; pickup models only. A97
- Mirror, Rearview:** Not available on cowls
 RH & LH; 17¼" swinging arm. D325
 West Coast Jr. type (6" x 11")
 RH & LH. D29
 West Coast Sr. type (7" x 16")
 RH & LH. D302
 Inside prismatic non-glare shatterproof (pick-ups). D36
- Paint, Exterior:** See *Cabs, Bodies & Colors* section
- ➔ **Power Outlet Box:** Six circuits; not available on cowls. U98
- Pump, Fuel & Vacuum Booster:** CS10702 model only. K26
- Radio:** Pushbutton control; not available on cowls. U63
- ➔ **Seat:** For cab models only; not available with Custom Comfort & Appearance Option
Bucket; driver & passenger; includes carpeting, RH & LH armrests and center console A50
Full-depth foam; not available when Custom Sport Truck Option is ordered; includes RH & LH armrests. Z52
- ➔ **Shock Absorbers, HD:**
Front; available only with optional leaf spring rear suspension. F52
Rear; included with optional leaf spring rear suspension. G68
Front & rear; available only with coil spring rear suspension. F51
- ➔ **Speed & Cruise Control:** Not available on cowls or when 396 engine, HD air cleaner or manual throttle control is ordered. K30
- Speed Warning Indicator** U15
- ➔ **Springs, HD:**
 Front; capacity 1350 lb each. F60
 Rear; coil type; capacity 2000 lb each. G50
 Rear; leaf type; single-stage; capacity 1750 lb each; available only with optional leaf-type rear suspension. G50
 Auxiliary rear; capacity 500 lb each; available only with coil-type rear suspension G60
- Stabilizer Bar, Front** F59
- Starter Motor, HD:** Includes HD battery; not available with Turbo Hydra-Matic. K67
- Steering, Power** N40
- Stripes, Body Side Paint:**
 Not available on 02 models. D89
- ➔ **Suspension, Rear:** Leaf type; includes 1250 lb each two-stage leaf rear springs and HD rear shock absorbers. G70
- Throttle Control:** Manual. K31
- Wheel Covers:** Bright metal; available only with 7.75-15 or 8.15-15 tires. P01

SERIES C10

→TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
PASSENGER CAR TYPE				
7.75-15/8PR—Highway Original Equipment	1490	Disc	5½	QA4
8.15-15/4PR—Highway Original Equipment	1370	Disc	5½	RL2
—Highway Nylon	1370	Disc	5½	R53
—On-Off Road Original Equipment	1370	Disc	5½	R56*
6.50-16/6PR—Highway Original Equipment	1465	Disc	5.00	R61
—On-Off Road Nylon	1465	Disc	5.00	R69*
TRUCK TYPE				
6.50-16/6PR—Highway Nylon	1610	Disc	5.00	R65
—On-Off Road Nylon	1610	Disc	5.00	R64*
7.00-15/6PR—Highway Nylon	1720	Disc	5.50	R44
—On-Off Road Nylon	1720	Disc	5.50	R43*

*Rear only

TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
PASSENGER CAR TYPE				
7.75-15/8PR—Highway Original Equipment	1490	Disc	5½	QA2 ^a
8.15-15/4PR—Highway Original Equipment	1370	Disc	5½	Std ^b
—Highway Nylon	1370	Disc	5½	Q05
—On-Off Road Original Equipment	1370	Disc	5½	R55*
8.15-15/8PR—Highway Original Equipment	1610	Disc	5½	QA5 ^c
—On-Off Road Nylon	1610	Disc	5½	QB4*
6.50-16/6PR—Highway Original Equipment	1465	Disc	5.00	R59
TRUCK TYPE				
6.50-16/6PR—Highway Nylon	1610	Disc	5.00	R60
7-17.5/6PR—Highway Nylon	1815	Disc	5.25	R82
—On-Off Road Nylon	1815	Disc	5.25	R81*

*Rear only

The following tubeless tires may be ordered with white sidewalls:

^a—QA3 (7.75-15/8PR)

^b—R51 (8.15-15/4PR)

^c—QA6 (8.15-15/8PR)

WIDE BASE TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
TRUCK TYPE				
8.00-16.5/6PR—Highway Nylon	1730	Disc	6.00	R70
—On-Off Road Nylon	1730	Disc	6.00	RQ2*

*Rear only

→Indicates change

SERIES C10 PANELS & SUBURBAN CARRYALLS

GVW Ratings up to 5400 lb

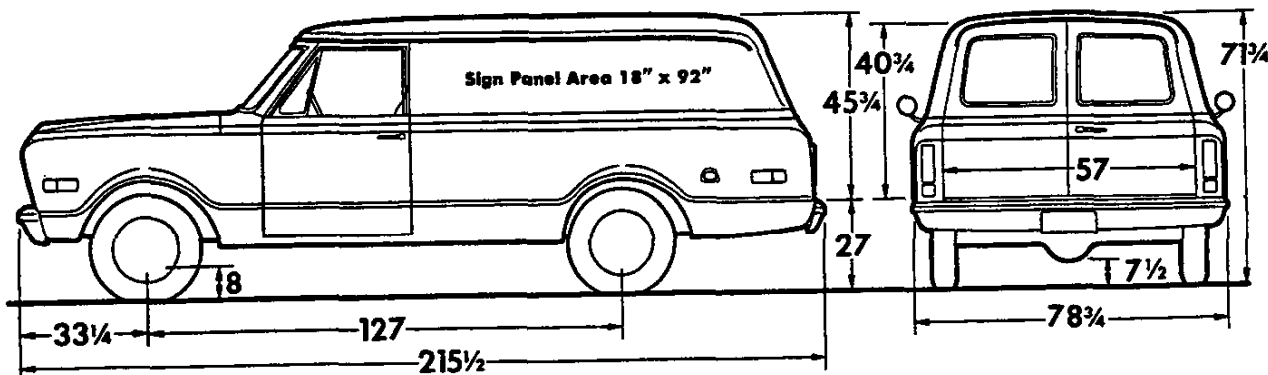
SERIES C10—PANELS

Six-Cylinder Models

CS10905 Panel

V8 Models

CE10905 Panel



Models	Dimensions (in)★		→Curb Weights (lb)			→Payload Wt. Dist.*	
	WB	OL	Front	Rear	Total	Front	Rear
CS10905 CE10905	127	215½	1894 2018	1782 1808	3676 3826	7%	93%

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

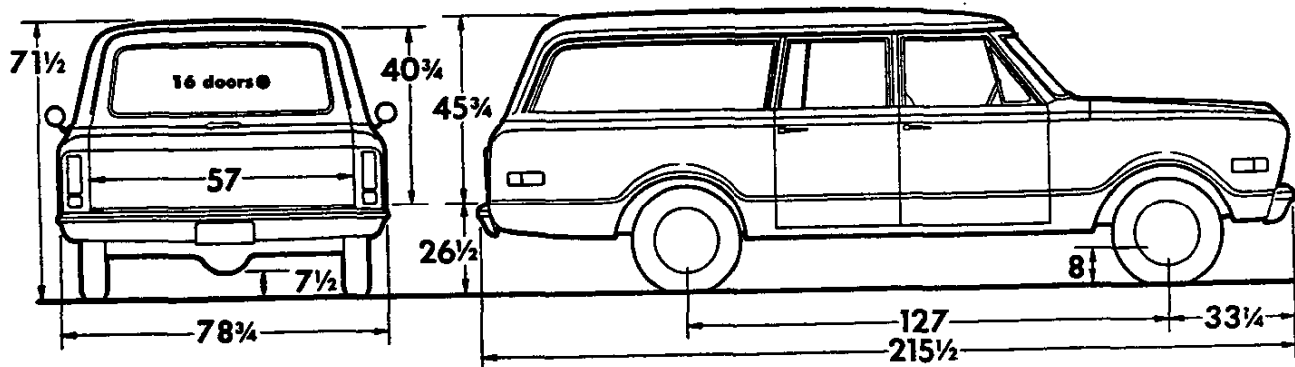
SERIES C10—SUBURBAN CARRYALLS*

Six-Cylinder Models

CS10906 Suburban Carryall
CS10916 Suburban Carryall

V8 Models

CE10906 Suburban Carryall
CE10916 Suburban Carryall



Models	Dimensions (in)★		→Curb Weights (lb)		
	WB	OL	Front	Rear	Total
CS10906 CE10906	127	215½	1911 2034	1933 1960	3844 3994
CS10916 CE10916	127	215½	1911 2034	1936 1963	3847 3997

★ Dimensions with std equipment, unloaded.

● Illustration shows 16 model rear end/lift gate. See 05 model illustration above for 06 model rear doors.

SERIES C10 PANELS & SUBURBAN CARRYALLS

STANDARD EQUIPMENT

- Air Cleaner:** Oiled-paper element
- Axle, Rear:** Hypoid semi-floating type; ratio 3.73; capacity 3500 lb
- Battery:** 12-volt, 54-plate; capacity 53 amp-hr
- Bodies:** See *Cabs, Bodies & Colors*
- Brakes, Service:** Hydraulic; self-adjusting; dual system
 Sizes: front 11" x 2"; rear 11" x 2"
 Effective area: drum 276 sq in; lining 167 sq in
- Brake, Parking:** Cable to rear wheels; area 83 sq in
- Bumpers:** Front & rear; painted
- Carburetor:** CS10: single-barrel downdraft
 CE10: two-barrel downdraft
- Clutch:** CS10: diameter 10"; area 100 sq in
 CE10: diameter 11"; area 124 sq in
- Cooling:** CS10: 1 1/4" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
 CE10: 1 1/4" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap
- Controls & Instruments:** Hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator
- Direction Signals:** Class A; two front and two rear. Includes freeway lane-change position on switch & integral hazard warning switch
- Doors, Rear:**
 05 & 06 models: Two; side-hinged
 16 models: End/lift gate
- Doors, Side:**
 05 models: Two; one right & one left
 06 & 16 models: Three; two right & one left
- Engine:** CS10: 250 Six; closed positive crankcase ventilation
 Gross horsepower.....155 @ 4200 rpm
 Net horsepower.....120 @ 3800 rpm
 Gross torque, lb-ft.....235 @ 1600 rpm
 Net torque, lb-ft.....210 @ 2000 rpm
 CE10: 307 V8; closed positive crankcase ventilation
 Gross horsepower.....200 @ 4600 rpm
 Net horsepower.....150 @ 4000 rpm
 Gross torque, lb-ft.....300 @ 2400 rpm
 Net torque, lb-ft.....255 @ 2000 rpm
- Exhaust Emission Control Equipment:** See *Engine & Clutch* section for types used
- Exhaust System:** Single pipe & aluminized muffler
- Filter, Fuel:** Wire mesh in fuel tank, paper filter in carburetor
- Filter, Oil:** CS10: full-flow; 1-quart; throwaway type
 CE10: full-flow; 1-quart; replaceable element
- Frame:** 39,000-lb-test steel; section modulus 2.98
- Generator:** 37-amp Delcoiron
- GVW Plate:** 5400 lb
- Heater & Defroster:** Deluxe-Air
- Lights & Reflectors:** Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front & two rear side marker reflectors; two backup; one license; instrument panel & dome
- Mirror, Rearview:**
 05 models: Exterior RH & LH 6 1/4" fixed arm
 06 & 16 models: Exterior RH & LH 6 1/4" fixed arm and inside prismatic non-glare shatterproof
- Seat:**
 05 models: Driver only; vinyl trim
 06 & 16 models: Full-width bench; front only; vinyl trim
- Seat Belts:** Includes retractors
 05 models: Driver only
 06 & 16 models: Driver & passenger
- Shock Absorbers:** Front & rear; piston diameter 1"
- Springs, Front:** Coil; capacity 1250 lb each
- Springs, Rear:** Coil; capacity 1250 lb each
- Steering:** Ball-gear; ratio 24:1; wheel diameter 16 1/2"
- Suspension, Front:** Independent; capacity 2500 lb
- Tank, Fuel:** Inside frame at rear; capacity approximately 23.5 gal
- Tires:** Five tubeless 8.15-15/4PR front, single rear and spare
- Tools:** 2500-lb mechanical jack; wheel wrench
- Transmission:**
 CS10: 3-speed synchromesh; steering column gearshift; ratios 2.94, 1.68, 1.00, 3.14 (rev)
 CE10: 3-speed fully synchronized; steering column gearshift; ratios 2.85, 1.68, 1.00, 2.95 (rev)
- Wheels:** Five 15" x 5 1/2"; attachment 6 studs on 5 1/2" circle; spare carrier inside RH cargo area; four painted hubcaps
- Windshield Wipers & Washer:** Electric; 2-speed wipers

GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
4400	Standard
5400 ♦	1350-lb front springs; 2000-lb rear springs

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment and Tire & Wheel Combination* pages.

SERIES C10 PANELS & SUBURBAN CARRYALLS

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for availability.

→ Engine:

292 Six (CS10 models only); includes 3-speed fully synchronized transmission & 11" clutch.		L25
Gross horsepower.	170 @ 4000 rpm	
Net horsepower.	135 @ 3600 rpm	
Gross torque, lb-ft.	275 @ 1600 rpm	
Net torque, lb-ft.	240 @ 1800 rpm	
327 V8 (CE10 models only); includes automatic choke & 12" clutch. Not available with Overdrive transmission.		L30
Gross horsepower.	240 @ 4400 rpm	
Net horsepower.	180 @ 4000 rpm	
Gross torque, lb-ft.	330 @ 3000 rpm	
Net torque, lb-ft.	285 @ 2400 rpm	
396 V8 Two-Barrel (CE10 models only); includes manual choke, 12" clutch & single exhaust. Not available with Powerglide, Chevrolet 3-speed or Overdrive transmissions.		L66
Gross horsepower.	275 @ 4400 rpm	
Net horsepower.	190 @ 4000 rpm	
Gross torque, lb-ft.	390 @ 2800 rpm	
Net torque, lb-ft.	330 @ 2400 rpm	
396 V8 Four-Barrel (CE10 models only); includes automatic choke, 12" clutch & dual exhausts. Not available with Powerglide, Chevrolet 3-speed or Overdrive transmissions.		L47
Gross horsepower.	310 @ 4800 rpm	
Net horsepower.	235 @ 4000 rpm	
Gross torque, lb-ft.	400 @ 3200 rpm	
Net torque, lb-ft.	345 @ 3000 rpm	

→ Transmission:

Powerglide; includes HD radiator; not available with 396 engine.	M35
Turbo Hydra-Matic; includes HD radiator. Includes 3.07 rear axle ratio when ordered with 327 or 396 engine.	M49
Chevrolet 3-speed fully synchronized; with 250 engine only.	M17
Warner T16D 3-speed; includes 3.07 rear axle ratio. With 396 engine only.	M16
Chevrolet CH465 4-speed; includes 11" clutch.	M20
New Process 435CR 4-speed close-ratio; includes Dana rear axle with 3.54 ratio when 396 engine is ordered.	M28
Overdrive; includes 4.11 rear axle ratio. Not available with 327 or 396 engine.	M10

→ Axle, Rear: Capacity 3500 lb

Ratio 3.07; included when Turbo Hydra-Matic is ordered with 327 or 396 engines. Not available when Powerglide, Overdrive or 396 engine is ordered.	H01
Ratio 3.73; with 327 engine, Chevrolet CH465 4-speed or Turbo Hydra-Matic only.	H05
Ratio 4.11; included with overdrive transmission. Not available with 396 engine.	H04
Positraction; not available with 3.07 rear axle ratio.	G80
POWR-LOK; with 396 engine & Chevrolet CH465 4-speed or NP435CR transmission only.	G87

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

→ Air Cleaner: Oil-bath; capacity 1 quart; not available on CE10 models with automatic transmission or when 396 engine is ordered.	K48
→ Air Cleaner, Heavy-Duty: Includes oil-bath pre-cleaner; not available with 327 or 396 engine or on CE10 models with automatic transmission.	K46
→ Armrests: Available with standard seats only	
LH only (05 models with standard vinyl driver seat only).	D14
RH & LH (05 models with standard driver seat & optional passenger seat or 06 & 16 models with standard full-width bench seat only).	D14
Battery: Heavy-duty; 70-amp-hr; included when HD starter motor is ordered.	T60
Belts, Seat: 06 & 16 models only; installed for center third passenger	
Front seat; not available with bucket seats.	AM3
Center seat.	A68
Center & rear seats.	A68
Brakes, Vacuum Power: Includes dual-element air cleaner on CS10 models.	J70
Bumpers, Chrome: Front & rear.	V371/V372
Caps, Hub: Chrome.	P03

Clutch, HD: Dia 11"; for 250 engine with 3-speed, Overdrive or New Process 435CR transmission only.	M01
Cooling:	
HD radiator only; included when automatic transmission is ordered.	V01
→ Custom Comfort & Appearance Option:	
05 models: Includes LH full-depth armrest; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; underbody coating; bright metal windshield moldings, ventipane frames, control knob inserts, "Custom" emblems.	Z62
06 & 16 models: Includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door & sidewall trim panels with bright upper retainers; RH & LH full-depth armrests; white hardboard headlining with bright metal roof bow trim strips; black vinyl spare tire cover; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; underbody coating; bright metal windshield moldings; ventipane frames, control knob inserts, "Custom" emblems.	Z62
Custom Side Molding	B98
Filter, Fuel	K28

SERIES C10 PANELS & SUBURBAN CARRYALLS

OTHER OPTIONAL EQUIPMENT (Continued)

Gauges:		Radio: Pushbutton control.....	63U
Ammeter, engine temperature & oil pressure.	Z53	→ Seats, Front: Includes seat belts with retractors	
Tachometer, ammeter, engine temperature & oil pressure.....	U16	05 models:	
Generator, Alternating Current:		<i>Passenger seat;</i> includes RH sunshade & seat belt; not available with HD driver seat	A57
12-42-amp Delcotron.....	K79	<i>HD driver seat;</i> includes LH armrest.....	AM21
5-61-amp Delcotron.....	K76	<i>HD driver & passenger seats;</i> includes RH & LH armrests, RH sunshade & seat belt...	AM22
23-62-amp Delcotron.....	K81	06 & 16 models:	
→ Glass, Soft-Ray:		<i>Custom deluxe bench seat;</i> includes RH & LH armrests and carpeting.....	A52
Windshield only.....	A112	<i>Bucket seats;</i> includes RH & LH armrests, carpeting & center console.....	A50
All windows.....	A111	→ Seats, Center & Rear:	
→ Governor: Not available with automatic or Overdrive transmissions; includes dual-element air cleaner on CS10 models		06 & 16 models: Seat trim matches front seats whether standard or optional. Includes HD front & rear springs, RH & LH armrests and seat belts. Available only with 8.15-15/8PR or truck-type tires	
250 engine: 1800-3000 rpm (low rpm setting).	K371	<i>Center seat</i>	AS3
2800-4000 rpm (high rpm setting)	K372	<i>Center & rear seats</i>	A80
292 engine: 2100-3000 rpm (low rpm setting).	K371	Shock Absorbers, HD:	
2800-3900 rpm (high rpm setting)	K372	Front and rear.....	F51
307 engine: 2300-3100 rpm (low rpm setting).	K371	Rear only.....	G68
2800-4100 rpm (high rpm setting)	K372	→ Speed & Cruise Control: Not available when 396 engine, HD air cleaner or manual throttle control is ordered.....	K30
Guards, Door Edge		B93	Speed Warning Indicator
Harness, Shoulder:			U15
05 models:			→ Springs, HD:
Driver only.....	A85	Front; capacity 1350 lb each; included when optional center or rear seats are ordered on 06/16 models.....	F60
Driver & passenger (requires auxiliary seat)	A85	Rear; capacity 2000 lb each; requires HD front springs; included when optional center or rear seats are ordered on 06/16 models.	G50
06 & 16 models:		Auxiliary rear; capacity 500 lb each.....	G60
Driver & passenger.....	A85	Stabilizer Bar, Front	F59
Center seat (2 belts).....	AS5	Starter Motor, HD: Includes HD battery; not available with Turbo Hydra-Matic.....	K67
Center seat (1 belt) & rear seat (2 belts)...	AS5	Steering, Power	N40
Heater & Defroster Deletion: 05 models only		C48	Throttle Control: Manual (05 models only)...
Hooks, Towing: Two, front. Not available with chrome bumper or power steering.....		V76	K31
Lamps, Marker: Five.....		U01	Wheel Covers: Bright metal; available only with 7.75-15 or 8.15-15 tires.....
Mirrors, Rearview:			P01
RH & LH; 17 1/4" swinging arm (05 models only)	D325		
West Coast Jr. type (6" x 11")			
RH & LH.....	D29		
West Coast Sr. type (7" x 16")			
RH & LH (05 models only).....	D302		
Paint, Exterior: See Cabs, Bodies & Colors section			

→ Indicates change

SERIES C10 PANELS & SUBURBAN CARRYALLS

→TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
PASSENGER CAR TYPE				
7.75-15/8PR —Highway Original Equipment	1490	Disc	5½	QA4
8.15-15/4PR —Highway Original Equipment	1370	Disc	5½	RL2
—Highway Nylon	1370	Disc	5½	R53
—On-Off Road Original Equipment	1370	Disc	5½	R56*
6.50-16/6PR —Highway Original Equipment	1465	Disc	5.00	R61
—On-Off Road Nylon	1465	Disc	5.00	R69*
TRUCK TYPE				
6.50-16/6PR —Highway Nylon	1610	Disc	5.00	R65
—On-Off Road Nylon	1610	Disc	5.00	R64*
7.00-15/6PR —Highway Nylon	1720	Disc	5.50	R44
—On-Off Road Nylon	1720	Disc	5.50	R43*

*Rear only

TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
PASSENGER CAR TYPE				
7.75-15/8PR —Highway Original Equipment	1490	Disc	5½	QA2 ^a
8.15-15/4PR —Highway Original Equipment	1370	Disc	5½	Std ^b
—Highway Nylon	1370	Disc	5½	Q05
—On-Off Road Original Equipment	1370	Disc	5½	R55*
8.15-15/8PR —Highway Original Equipment	1610	Disc	5½	QA5 ^c
—On-Off Road Nylon	1610	Disc	5½	QB4*
6.50-16/6PR —Highway Original Equipment	1465	Disc	5.00	R59
TRUCK TYPE				
6.50-16/6PR —Highway Nylon	1610	Disc	5.00	R60
7-17.5/6PR —Highway Nylon	1815	Disc	5.25	R82
—On-Off Road Nylon	1815	Disc	5.25	R81*

*Rear only

The following tubeless tires may be ordered with white sidewalls:

- ^a—QA3 (7.75-15/8PR)
- ^b—RS1 (8.15-15/4PR)
- ^c—QA6 (8.15-15/8PR)

WIDE BASE TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
TRUCK TYPE				
8.00-16.5/6PR—Highway Nylon	1730	Disc	6.00	R70
—On-Off Road Nylon	1730	Disc	6.00	RQ2*

*Rear only

→Indicates change

NOTES

SERIES K10

GVW Ratings up to 5600 lb

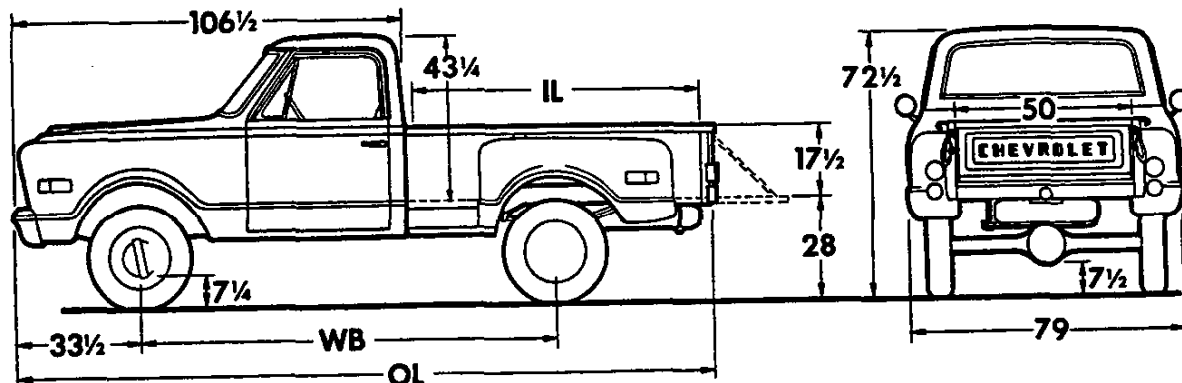
SERIES K10—STEPSIDE PICKUPS

Six-Cylinder Models

KS10704 Stepside Pickup
KS10904 Stepside Pickup

V8 Models

KE10704 Stepside Pickup
KE10904 Stepside Pickup



Models	→ Dimensions (in)★			→ Curb Weights (lb)			Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
KS10704 KE10704	115	78	188 3/4	2226 2348	1511 1522	3737 3870	1%	99%
KS10904 KE10904	127	98	208	2358 2493	1525 1540	3883 4033	3	97

*Estimate based on water-level loading.

★ Dimensions with std equipment, unloaded.

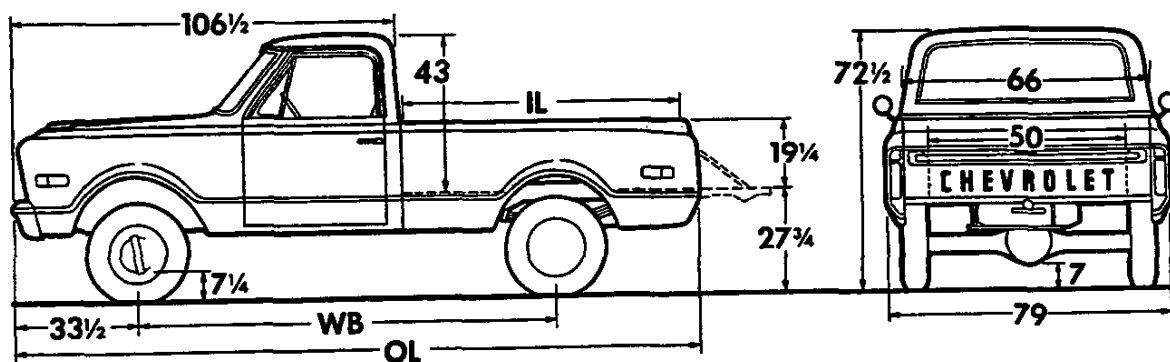
SERIES K10—FLEETSIDE PICKUPS

Six-Cylinder Models

KS10734 Fleetside Pickup
KS10934 Fleetside Pickup

V8 Models

KE10734 Fleetside Pickup
KE10934 Fleetside Pickup



Models	→ Dimensions (in)★			→ Curb Weights (lb)			Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
KS10734 KE10734	115	78	188 3/4	2236 2357	1579 1589	3815 3946	2%	98%
KS10934 KE10934	127	98	208	2378 2513	1600 1615	3978 4123	4	96

*Estimate based on water-level loading.

★ Dimensions with std equipment, unloaded

SERIES K10

SERIES K10—CHASSIS-CABS

Six-Cylinder Models

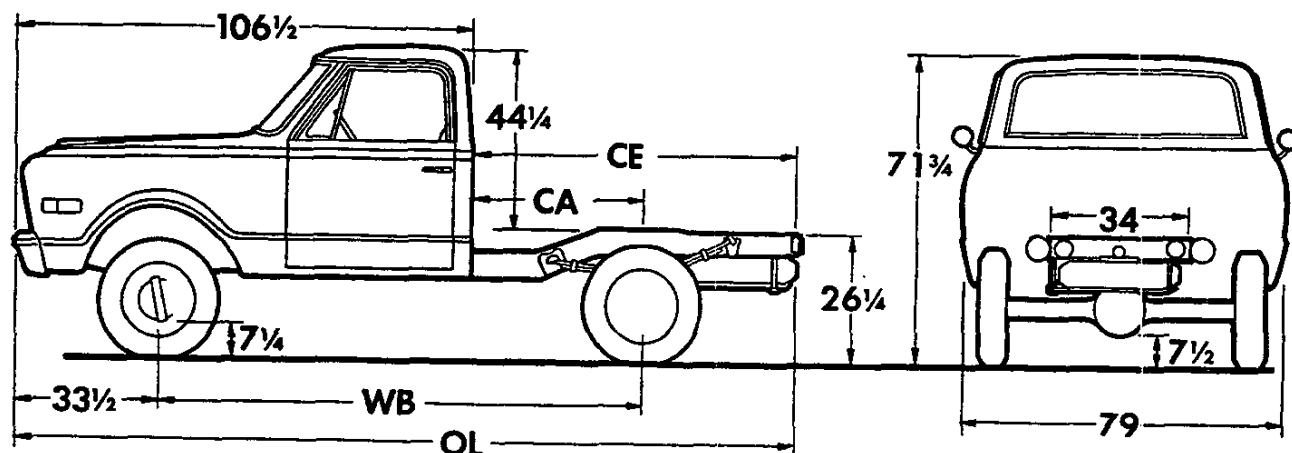
KS10703 Chassis-Cab

KS10903 Chassis-Cab

V8 Models

KE10703 Chassis-Cab

KE10903 Chassis-Cab



Models	→Dimensions (in)★				→Curb Weights (lb)			→Body-Payload Wt. Dist.*		
	WB	CA	CE	OL	Front	Rear	Total	Body	Front	Rear
KS10703	115	42	75½	182	2248	1148	3396	6'	3%	97%
KE10703					2374	1154	3528			
KS10903	127	54	95½	202	2339	1134	3473	7'	7	93
KE10903					2480	1143	3623	7½'	5	95
								8'	2	98

*Estimate based on water-level loading.

★ Dimensions with std equipment, unloaded.

STANDARD EQUIPMENT

- Air Cleaner:** Oiled-paper element
- Axle, Front:** Hypoid, ratio 3.73; capacity 3300 lb; yoke and trunnion universal joints
- Axle, Rear:** Hypoid semi-floating type; ratio 3.73; capacity 3300 lb
- Battery:** 12-volt, 54-plate; capacity 53 amp-hr
- Bodies:** See *Cabs, Bodies & Colors*
- Brakes, Service:** Hydraulic; self-adjusting; dual system
 Sizes: front 11" x 2"; rear 11" x 2"
 Effective area: drum 276 sq in; lining 167 sq in
- Brake, Parking:** Cable to rear wheels; area 83 sq in
- Bumper:** Front only, painted
- Carburetor:** KS10: single-barrel downdraft
 KE10: two-barrel downdraft
- Clutch:** KS10: diameter 10"; area 100 sq in
 KE10: diameter 11"; area 124 sq in
- Cooling:** KS10: 1¼" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
 KE10: 1¼" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap
- Controls & Instruments:** Hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator
- Direction Signals:** Class A; two front and two rear. Includes freeway lane-change position on switch & integral hazard warning switch
- **Engine:** KS10: 250 Six; closed positive crankcase ventilation
 Gross horsepower.....155 @ 4200 rpm
 Net horsepower.....120 @ 3800 rpm
 Gross torque, lb-ft.....235 @ 1600 rpm
 Net torque, lb-ft.....210 @ 2000 rpm
 KE10: 307 V8; closed positive crankcase ventilation
 Gross horsepower.....200 @ 4600 rpm
 Net horsepower.....150 @ 4000 rpm
 Gross torque, lb-ft.....300 @ 2400 rpm
 Net torque, lb-ft.....255 @ 2000 rpm
- **Exhaust Emission Control Equipment:** See *Engine & Clutch* section for types used
- Exhaust System:** Single pipe & aluminized muffler
- **Filter, Fuel:** Wire mesh in fuel tank; paper filter in carburetor
- Filter, Oil:** KS10: full-flow; 1-quart; throwaway type
 KE10: full-flow; 1-quart; replaceable element
- Frame:** 39,000-lb-test steel; section modulus 2.70 (KS-KE107 models); 3.48 (KS-KE109 models)
- Generator:** 37-amp Delcotron
- GVW Plate:** 5600 lb
- Heater & Defroster:** Deluxe-Air
- Lights & Reflectors:**
 03 models: Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front side marker reflectors; two backup; one license; instrument panel & dome
 04 & 34 models: Same as 03 models plus two rear side marker reflectors
- Mirror, Rearview:**
 Exterior RH & LH 6¼" fixed arm
- Power Divider:** Timken T-221 2-speed; ratios 1.94 & 1.00; power take-off opening at rear
- Seat:** Full-width
- Seat Belts:** Driver & passenger; includes retractors
- Shock Absorbers:** Front & rear; piston diameter 1"
- Springs, Front:** Tapered-leaf; capacity 1450 lb each
- Springs, Rear:** Tapered-leaf; capacity 1800 lb each
- Steering:** Ball-gear, ratio 24:1; wheel dia 16½"
- Tank, Fuel:** Back of seat in cab; capacity approx 21 gallons
- Tires:** Five tubeless 8.15-15/4PR front, single rear and spare
- Tools:** 2500-lb mechanical jack; wheel wrench
- Transmission:** 3-speed synchromesh; steering column gearshift; ratios 2.94, 1.68, 1.00, 3.14 (rev)
- Wheels:** Five 15" x 5½"; attachment, 6 studs on 5½" circle; spare carrier under frame
- Windshield Wipers & Washer:** Electric; 2-speed wipers

→GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
4600	Standard
5300	Standard
5600♦	Standard

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment and Tire & Wheel Combination* pages.

SERIES K10

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for availability.

→ Engine:

292 Six (KS10 models only); includes 11" clutch	L25
Gross horsepower.....	170 @ 4000 rpm
Net horsepower.....	135 @ 3600 rpm
Gross torque, lb-ft.....	275 @ 1600 rpm
Net torque, lb-ft.....	240 @ 1800 rpm

327 V8 (KE10 models only); includes automatic choke & 12" clutch.....	L30
Gross horsepower.....	240 @ 4400 rpm
Net horsepower.....	180 @ 4000 rpm
Gross torque, lb-ft.....	330 @ 3000 rpm
Net torque, lb-ft.....	285 @ 2400 rpm

Transmission:

Chevrolet CH465 4-speed; includes 11" clutch M20

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

Air Cleaner: Oil-bath; capacity 1 quart.....	K48
→ Air Cleaner, Heavy-Duty: Includes oil-bath pre-cleaner; not available with 327 engine.....	K46
Air Conditioning, All-Weather: Includes HD radiator, battery & 42-amp generator.....	C60
→ Armrests: Available only with standard seat RH & LH.....	D14
→ Battery: Auxiliary; for use with camper body installations to provide auxiliary electrical supply..	TP2
Heavy-duty; 70-amp-hr; included when HD starter or air conditioning is ordered.....	T60
Belts, Seat: Installed for center third passenger. Not available with bucket seats.....	AM3
Brakes, Vacuum Power: Includes dual element air cleaner on KS10 models.....	J70
→ Bumper: Painted rear; with std painted front bumper only (pickups only).....	V38
Painted step-type rear (pickups only).....	V43
Chrome front (pickups & chassis-cabs); included with Custom Sport Truck Option...	V371
Chrome rear (pickups only); with Custom Sport Truck Option only.....	V372
Chrome front & rear (pickups only); not available with Custom Sport Truck Option.....	V371/V372
Carrier, Spare Wheel: Side mounted; pickup models only.....	P13
Clutch: Diameter 11"; for 250 engine with 3-speed transmission only.....	M01
Cooling: Not available when air conditioning is ordered HD radiator only.....	V01
HD radiator & extra-HD cooling equipment.....	V05
Custom Camper Nameplate: Pickup models only; see page 2 of <i>Recreational Vehicles</i> section for minimum requirements.....	Z81
Custom Comfort & Appearance Option: Includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "Custom" emblems. Not available when Custom Sport Truck Option or bucket seats are ordered.....	Z62
Custom Side Molding: Includes side & rear pickup box moldings when ordered on Fleetside pickups.....	B98

→ Custom Sport Truck Option: Includes two-tone full-depth foam seat with color-keyed deluxe all-vinyl trim; color-keyed carpeting; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; chrome front bumper; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "CST" emblems, pedal trim. Not available when Custom Comfort & Appearance Option is ordered.....	Z84
Filter, Fuel	K28
Floor, Pickup Box: Wood with steel skid strips. Fleetside pickup models only.....	E81
Gauges: Ammeter, engine temperature & oil pressure..	Z53
Tachometer, ammeter, engine temperature & oil pressure.....	U16
Generator, Alternating Current: 12-42-amp Delcotron.....	K79
5-61-amp Delcotron.....	K76
23-62-amp Delcotron.....	K81
Glass, Soft-Ray: Windshield only.....	A112
All windows.....	A111
→ Governor: Includes dual element air cleaner on KS10 models 250 engine: 1800-3000 rpm (low rpm setting)	K371
2800-4000 rpm (high rpm setting)	K372
292 engine: 2100-3000 rpm (low rpm setting)	K371
2800-3900 rpm (high rpm setting)	K372
307 engine: 2300-3100 rpm (low rpm setting)	K371
2800-4100 rpm (high rpm setting)	K372
Guards, Door Edge	B93
→ Harness, Camper Body Electric	UY1
Harness, Shoulder: Driver & passenger.....	A85
→ Heater & Defroster Deletion: Not available with air conditioning.....	C48
Hooks, Towing: Two, front. Not available with chrome bumper.....	V76
Hubs, Free-Wheeling Front: Manual control at hubs.....	F76
Lamps, Marker: Five.....	U01
Lock: Side wheel carrier; pickups only.....	A97
→ Mirrors, Rearview: RH & LH; 17¼" swinging arm.....	D325
West Coast Jr. type (6" x 11") RH & LH.....	D29
West Coast Sr. type (7" x 16") RH & LH.....	D302
Inside prismatic non-glare shatterproof (pickups).....	D36

OTHER OPTIONAL EQUIPMENT (Continued)

Paint, Exterior: See Cabs, Bodies & Colors section
→ Power Outlet Box: Six circuits..... U98
Radio: Pushbutton control..... U63
→ Seat: Not available with Custom Comfort & Appearance Option
Bucket; driver & passenger; includes carpeting; RH & LH armrests and center console... A50
Full-depth foam; not available when Custom Sport Truck Option is ordered; includes RH & LH armrests..... Z52

→ Shock Absorbers, HD:
 Rear only..... G68
Speed Warning Indicator..... U15
Springs, HD:
 Front; capacity 1750 lb each..... F60
Starter Motor, HD: Includes HD battery..... K67
→ Stripes, Body Side Paint..... D89
Throttle Control: Manual..... K31

→ TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
PASSENGER CAR TYPE				
7.75-15/8PR —Highway Original Equipment	1490	Disc	5½	QA4
8.15-15/4PR —Highway Original Equipment	1370	Disc	5½	RL2
—Highway Nylon	1370	Disc	5½	R53
—On-Off Road Original Equipment	1370	Disc	5½	R56
6.50-16/6PR —Highway Original Equipment	1465	Disc	5.00	R61
—On-Off Road Nylon	1465	Disc	5.00	R69
TRUCK TYPE				
6.50-16/6PR —Highway Nylon	1610	Disc	5.00	R65
—On-Off Road Nylon	1610	Disc	5.00	R64
7.00-15/6PR —Highway Nylon	1720	Disc	5.50	R44
—On-Off Road Nylon	1720	Disc	5.50	R43

TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
PASSENGER CAR TYPE				
7.75-15/8PR —Highway Original Equipment	1490	Disc	5½	QA2a
8.15-15/4PR —Highway Original Equipment	1370	Disc	5½	Std b
—Highway Nylon	1370	Disc	5½	Q05
—On-Off Road Original Equipment	1370	Disc	5½	R55
8.15-15/8PR —Highway Original Equipment	1610	Disc	5½	QA5c
—On-Off Road Nylon	1610	Disc	5½	QB4
6.50-16/6PR —Highway Original Equipment	1465	Disc	5.00	R59
TRUCK TYPE				
6.50-16/6PR —Highway Nylon	1610	Disc	5.00	R60
7-17.5/6PR —Highway Nylon	1815	Disc	5.25	R82
—On-Off Road Nylon	1815	Disc	5.25	R81

The following tubeless tires may be ordered with white sidewalls:
 a—QA3 (7.75-15/8PR) b—R51 (8.15-15/4PR) c—QA6 (8.15-15/8PR)

WIDE BASE TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
TRUCK TYPE				
8.00-16.5/6PR—Highway Nylon	1730	Disc	6.00	R70
—On-Off Road Nylon	1730	Disc	5½	RQ2

NOTES

SERIES K10 PANELS & SUBURBAN CARRYALLS

GVW Ratings up to 5800 lb

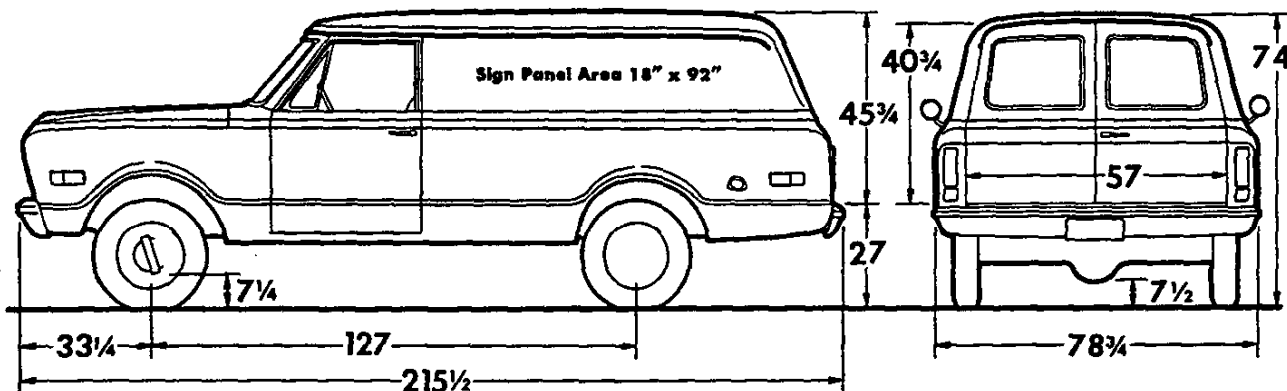
SERIES K10—PANELS

Six-Cylinder Models

KS10905 Panel

V8 Models

KE10905 Panel



Models	Dimensions (in)★		→ Curb Weights (lb)			→ Payload Wt. Dist.*	
	WB	OL	Front	Rear	Total	Front	Rear
KS10905	127	215½	2149	1926	4075	7%	93%
KE10905			2280	1949	4229		

★Dimensions with std equipment, unloaded.

*Estimate based on water-level loading.

SERIES K10—SUBURBAN CARRYALLS

Six-Cylinder Models

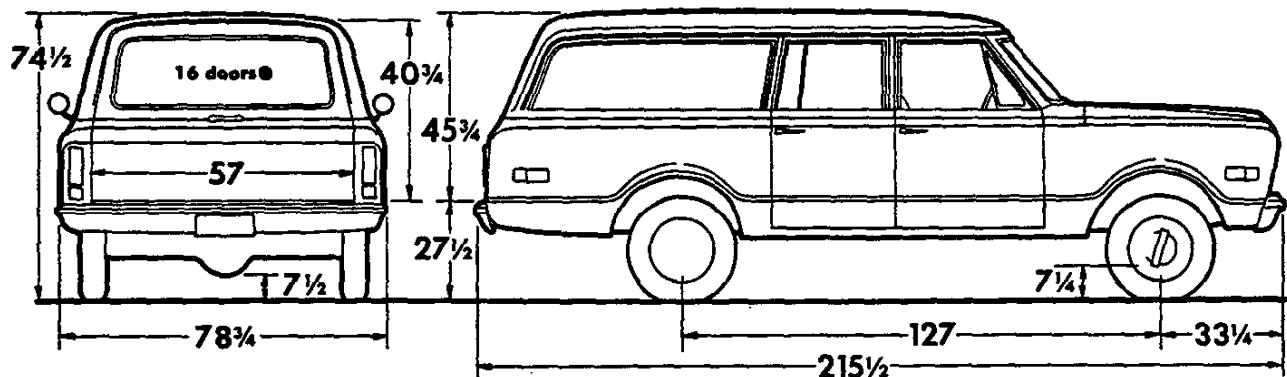
KS10906 Suburban Carryall

KS10916 Suburban Carryall

V8 Models

KE10906 Suburban Carryall

KE10916 Suburban Carryall



Models	Dimensions (in)★		→ Curb Weights (lb)		
	WB	OL	Front	Rear	Total
KS10906	127	215½	2160	2083	4243
KE10906			2290	2108	4398
KS10916	127	215½	2160	2087	4247
KE10916			2290	2111	4401

★ Dimensions with std equipment, unloaded.

● Illustration shows 16 model rear end/lift gate. See 05 model illustration above for 06 model rear doors.

SERIES K10 PANELS & SUBURBAN CARRYALLS

STANDARD EQUIPMENT

Air Cleaner: Oiled-paper element

Axle, Front: Hypoid, ratio 3.73; capacity 3300 lb; yoke and trunnion universal joints

Axle, Rear: Hypoid semi-floating type; ratio 3.73; capacity 3300 lb

Battery: 12-volt, 54-plate; capacity 53 amp-hr

Bodies: See *Cabs, Bodies & Colors*

Brakes, Service: Hydraulic; self-adjusting; dual system

Sizes: front 11" x 2"; rear 11" x 2"

Effective area: drum 276 sq in; lining 167 sq in

Brake, Parking: Cable to rear wheels; area 83 sq in

Bumpers: Front & rear, painted

Carburetor: KS10: single-barrel downdraft
KE10: two-barrel downdraft

Clutch: KS10: diameter 10"; area 100 sq in
KE10: diameter 11"; area 124 sq in

Cooling: KS10: 1 1/4" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
KE10: 1 1/4" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap

Controls & Instruments: Hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator

Direction Signals: Class A; two front and two rear. Includes freeway lane-change position on switch & integral hazard warning switch

Doors, Rear:

05 & 06 models: Two; side-hinged
16 models: End/lift gate

Doors, Side:

05 models: Two; one right & one left
06 & 16 models: Three; two right & one left

Engine: KS10: 250 Six; closed positive crankcase ventilation

Gross horsepower.....155 @ 4200 rpm
Net horsepower.....120 @ 3800 rpm
Gross torque, lb-ft.....235 @ 1600 rpm
Net torque, lb-ft.....210 @ 2000 rpm

KE10: 307 V8; closed positive crankcase ventilation

Gross horsepower.....200 @ 4600 rpm
Net horsepower.....150 @ 4000 rpm
Gross torque, lb-ft.....300 @ 2400 rpm
Net torque, lb-ft.....255 @ 2000 rpm

Exhaust Emission Control Equipment: See *Engine & Clutch* section for types used

Exhaust System: Single pipe & aluminized muffler

Filter, Fuel: Wire mesh in fuel tank; paper filter in carburetor

Filter, Oil: KS10: full-flow; 1-quart; throwaway type
KE10: full-flow; 1-quart; replaceable element

Frame: 39,000-lb-test steel; section modulus 3.48

Generator: 37-amp Delcotron

GVW Plate: 5800 lb

Heater & Defroster: Deluxe-Air

Lights & Reflectors: Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front & two rear side marker reflectors; two backup; one license; instrument panel & dome

Mirror, Rearview:

05 models: Exterior RH & LH 6 1/4" fixed arm
06 & 16 models: Exterior RH & LH 6 1/4" fixed arm and inside prismatic non-glare shatterproof

Power Divider: Timken T-221 2-speed; ratios 1.94 & 1.00; power take-off opening at rear

Seat: 05 models: Driver only; vinyl trim

06 & 16 models: Full-width bench; front only; vinyl trim

Seat Belts: Includes retractors

05 models: Driver only
06 & 16 models: Driver & passenger

Shock Absorbers: Front & rear; piston diameter 1"

Springs, Front: Tapered-leaf; capacity 1450 lb each

Springs, Rear: Tapered-leaf; capacity 1800 lb each

Steering: Ball-gear, ratio 24:1; wheel dia. 16 1/2"

Tank, Fuel: Inside frame at rear; capacity approx 23.5 gal

Tires: Five tubeless 8.15-15/4PR front, single rear and spare

Tools: 2500-lb mechanical jack; wheel wrench

Transmission: 3-speed synchromesh; steering column gearshift; ratios 2.94, 1.68, 1.00, 3.14 (rev)

Wheels: Five 15" x 5 1/2"; attachment, 6 studs on 5 1/2" circle; spare carrier inside RH cargo area

Windshield Wipers & Washer: Electric; 2-speed wipers

→ GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
4600	Standard
5800♦	Standard

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment and Tire & Wheel Combination* pages.

SERIES K10 PANELS & SUBURBAN CARRYALLS

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for Availability

→ Engine:		Gross horsepower.....	240 @ 4400 rpm
292 Six (KS10 models only); includes 11" clutch... L25		Net horsepower.....	180 @ 4000 rpm
Gross horsepower.....		Gross torque, lb-ft.....	330 @ 3000 rpm
Net horsepower.....		Net torque, lb-ft.....	285 @ 2400 rpm
Gross torque, lb-ft.....		→ Transmission:	
Net torque, lb-ft.....		Chevrolet CH465 4-speed; includes 11"	
327 V8 (KE10 models only); includes automatic		clutch.....	
choke & 12" clutch.....		L30	
		M20	

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

Air Cleaner: Oil-bath; capacity 1 quart.....	K48	250 engine: 1800-3000 rpm (low rpm setting)	K371
→ Air Cleaner, Heavy-Duty: Includes oil-bath		2800-4000 rpm (high rpm setting)	K372
pre-cleaner; not available with 327 engine...	K46	292 engine: 2100-3000 rpm (low rpm setting)	K371
→ Armrests: Available with standard seats only		2800-3900 rpm (high rpm setting)	K372
LH only (05 models with standard vinyl		307 engine: 2300-3100 rpm (low rpm setting)	K371
driver seat only).....	D14	2800-4100 rpm (high rpm setting)	K372
RH & LH (05 models with standard driver seat		Guards, Door Edge	B93
& optional passenger seat or 06 & 16 models		→ Harness, Shoulder:	
with standard full-width bench seat only)...	D14	05 models:	
Battery: Heavy-duty; 70-amp-hr; included with		Driver only.....	A85
HD starter motor.....	T60	Driver & passenger (requires auxiliary	A85
Belts, Seat: 06 & 16 models only; installed for		seat).....	A85
center third passenger		06 & 16 models:	
Front seat; not available with bucket seats.	AM3	Driver & passenger.....	A85
Center seat.....	A68	Center seat (2 belts).....	AS5
Center & rear seats.....	A68	Center seat (1 belt) & rear seat (2 belts)...	AS5
Brakes, Vacuum Power: Includes dual		Heater & Defroster Deletion: 05 models only	C48
element air cleaner on KS10 models.....	J70	Hooks, Towing: Two, front. Not available with	
Bumpers, Chrome: Front & rear.....	V371/V372	chrome bumper.....	V76
Clutch: Diameter 11"; for 250 engine with 3-		Hubs, Free-Wheeling Front: Manual control	
speed transmission only.....	M01	at hubs.....	F76
Cooling:		Lamps, Marker: Five.....	U01
HD radiator only.....	V01	→ Mirrors, Rearview:	
→ Custom Comfort & Appearance Option:		RH & LH; 17 1/4" swinging arm (05 models	
05 models: Includes LH full-depth armrest;		only).....	D321
parking brake ratchet cover; cigar lighter;		West Coast Jr. type (6" x 11")	
"Chevrolet" nameplate for dispatch box door;		RH & LH.....	D29
cowl insulation; underbody coating; bright		West Coast Sr. type (7" x 16")	
metal windshield moldings, ventipane frames,		RH & LH (05 models only).....	D302
control knob inserts, "Custom" emblems.....	Z62	Paint, Exterior: See Cabs, Bodies & Colors	
06 & 16 models: Includes full-depth foam seat		section	
with color-keyed fabric/vinyl trim; embossed		Radio: Pushbutton control.....	U63
vinyl door & sidewall trim panels with bright		→ Seats, Front: Includes seat belts with retractors	
upper retainers; RH & LH full-depth armrests;		05 models:	
white hardboard headlining with bright metal		Passenger seat; includes RH sunshade &	
roof bow trim strips; black vinyl spare tire		seat belt; not available with HD driver seat...	A57
cover; parking brake ratchet cover; cigar		HD driver seat; includes LH armrest.....	AM2
lighter; "Chevrolet" nameplate for dispatch		HD driver & passenger seats; includes	
box door; cowl insulation; underbody coating;		RH & LH armrests, RH sunshade & seat belt...	AM2
bright metal windshield moldings, ventipane		06 & 16 models:	
frames, control knob inserts, "Custom" em-		Custom deluxe bench seat; includes RH &	
blems.....	Z62	LH armrests & carpeting.....	A52
Custom Side Molding	B98	Bucket seats; includes RH & LH armrests,	
Filter, Fuel	K28	carpeting & center console.....	A50
Gauges:		→ Seats, Center & Rear:	
Ammeter, engine temperature & oil pressure	Z53	06 & 16 models: Seat trim matches front seats	
Tachometer, ammeter, engine temperature		whether standard or optional. Includes RH &	
& oil pressure.....	U16	LH armrests & seat belts. Available only with	
Generator, Alternating Current:		8.15-15/8PR or truck-type tires	
12-42-amp Delcotron.....	K79	Center seat.....	AS3
5-61-amp Delcotron.....	K76	Center & rear seats.....	A80
23-62-amp Delcotron.....	K81	→ Shock Absorbers, HD:	
Glass, Soft-Ray:		Rear only.....	G68
Windshield only.....	A112	Speed Warning Indicator	U15
All windows.....	A111	Springs, HD: Front; capacity 1750 lb each	F60
→ Governor: Includes dual element air cleaner		Starter Motor, HD: Includes HD battery....	K67
on KS10 models		Throttle Control: Manual (05 models only)...	K31

SERIES K10 PANELS & SUBURBAN CARRYALLS

→TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
PASSENGER CAR TYPE				
7.75-15/8PR —Highway Original Equipment	1490	Disc	5½	QA4
8.15-15/4PR —Highway Original Equipment	1370	Disc	5½	RL2
—Highway Nylon	1370	Disc	5½	R53
—On-Off Road Original Equipment	1370	Disc	5½	R56
6.50-16/6PR —Highway Original Equipment	1465	Disc	5.00	R61
—On-Off Road Nylon	1465	Disc	5.00	R69
TRUCK TYPE				
6.50-16/6PR —Highway Nylon	1610	Disc	5.00	R65
—On-Off Road Nylon	1610	Disc	5.00	R64
7.00-15/6PR —Highway Nylon	1720	Disc	5.50	R44
—On-Off Road Nylon	1720	Disc	5.50	R43

TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
PASSENGER CAR TYPE				
7.75-15/8PR —Highway Original Equipment	1490	Disc	5½	QA2 ^a
8.15-15/4PR —Highway Original Equipment	1370	Disc	5½	Std ^b
—Highway Nylon	1370	Disc	5½	Q05
—On-Off Road Original Equipment	1370	Disc	5½	R55
8.15-15/8PR —Highway Original Equipment	1610	Disc	5½	QA5 ^c
—On-Off Road Nylon	1610	Disc	5½	QB4
6.50-16/6PR —Highway Original Equipment	1465	Disc	5.00	R59
TRUCK TYPE				
6.50-16/6PR —Highway Nylon	1610	Disc	5.00	R60
7-17.5/6PR —Highway Nylon	1815	Disc	5.25	R82
—On-Off Road Nylon	1815	Disc	5.25	R81

The following tubeless tires may be ordered with white sidewalls:

- a—QA3 (7.75-15/8PR)
- b—R51 (8.15-15/4PR)
- c—QA6 (8.15-15/8PR)

WIDE BASE TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
TRUCK TYPE				
8.00-16.5/6PR—Highway Nylon	1730	Disc	6.00	R70
—On-Off Road Nylon	1730	Disc	6.00	RQ2

→Indicates change

SERIES 10 POWER TEAMS

SERIES C10

ENGINE	TRANSMISSION	AXLE RATIOS	
		STD	OPT
250 Six 292 Six	3-Speed	3.73	3.07; 4.11
	Chevrolet CH465 4-Speed	3.73	3.07; 4.11
	New Process 435CR 4-Speed	3.73	3.07; 4.11
	Powerglide	3.73	4.11
	Turbo Hydra-Matic	3.73	3.07; 4.11
	Overdrive	4.11	—
307 V8	3-Speed	3.73	3.07; 4.11
	Chevrolet CH465 4-Speed	3.73	3.07; 4.11
	New Process 435CR 4-Speed	3.73	3.07; 4.11
	Powerglide	3.73	4.11
	Turbo Hydra-Matic	3.73	3.07; 4.11
	Overdrive	4.11	—
327 V8	3-Speed	3.73	3.07; 4.11
	Chevrolet CH465 4-Speed	3.07	3.73; 4.11
	New Process 435CR 4-Speed	3.73	3.07; 4.11
	Powerglide	3.73	4.11
	Turbo Hydra-Matic	3.07	3.73; 4.11
396 V8	Warner T16D 3-Speed	3.07	—
	Chevrolet CH465 4-Speed	3.54★	—
	New Process 435CR 4-Speed	3.54★	—
	Turbo Hydra-Matic	3.07	—

★Dana rear axle used with 396 V8

SERIES K10

ENGINE	TRANSMISSION	AXLE RATIOS	
		STD	OPT
250 Six 292 Six	3-Speed	3.73	—
	Chevrolet CH465 4-Speed	3.73	—
307 V8	3-Speed	3.73	—
	Chevrolet CH465 4-Speed	3.73	—
327 V8	3-Speed	3.73	—
	Chevrolet CH465 4-Speed	3.73	—

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SERIES C20

GVW Ratings up to 7500 lb

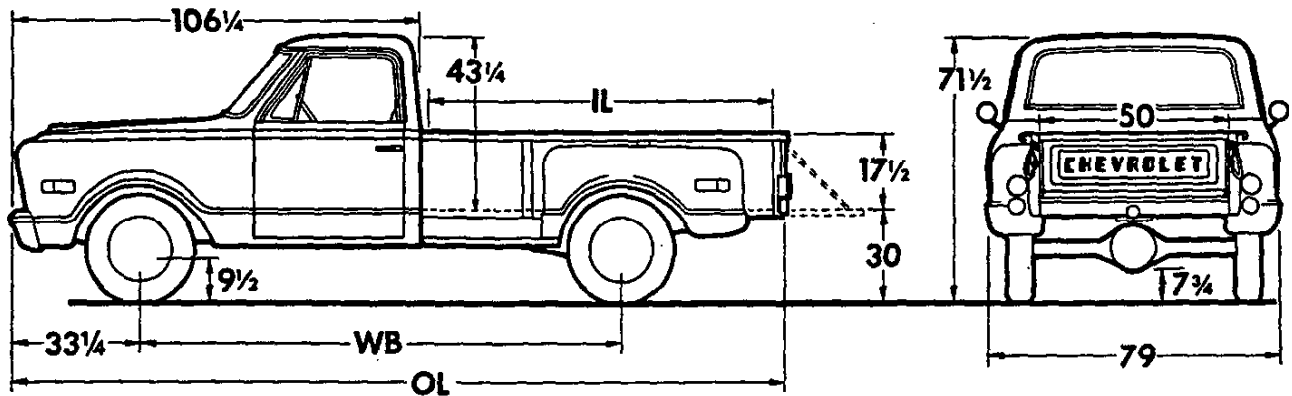
SERIES C20—STEPSIDE PICKUPS

Six-Cylinder Models

CS20904 Stepside Pickup

V8 Models

CE20904 Stepside Pickup



Models	Dimensions (in)★			→Curb Weights (lb)			Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
CS20904	127	98	207 3/4	2265	1650	3915	3%	97%
CE20904				2380	1658	4038		

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

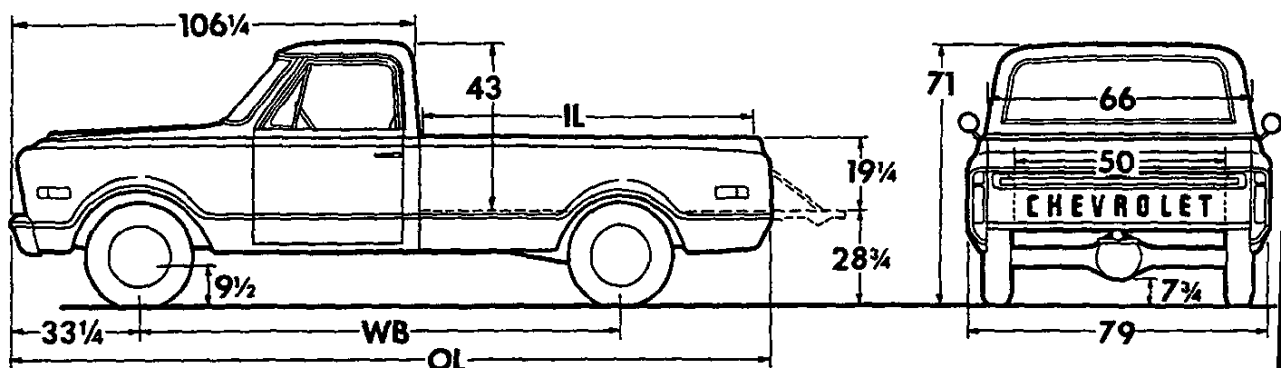
SERIES C20—FLEETSIDE PICKUPS

Six-Cylinder Models

CS20934 Fleetside Pickup

V8 Models

CE20934 Fleetside Pickup



Models	Dimensions (in)★			→Curb Weights (lb)			Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
CS20934	127	98	207 3/4	2281	1729	4010	4%	96%
CE20934				2397	1736	4133		

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

SERIES C20

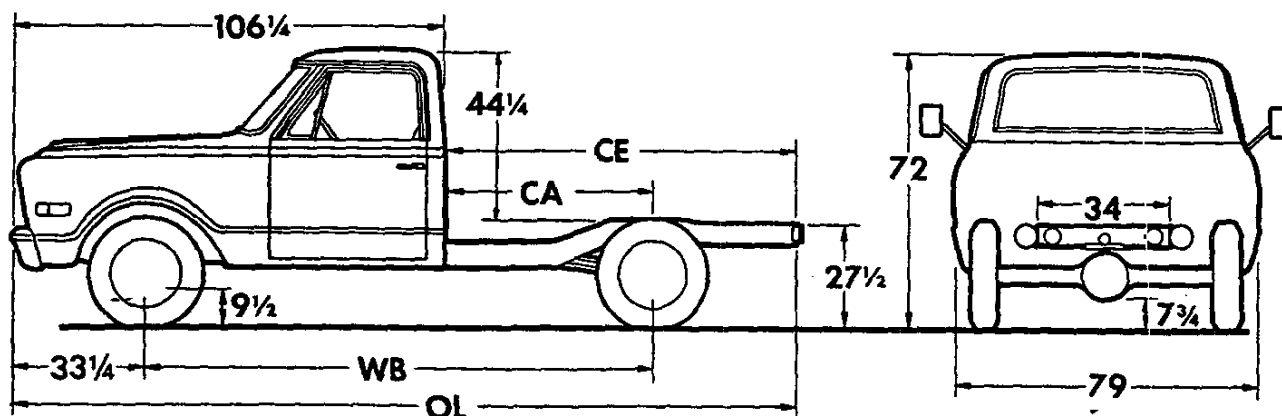
SERIES C20—CHASSIS-CABS

Six-Cylinder Models

CS20903 Chassis-Cab

V8 Models

CE20903 Chassis-Cab



Models	Dimensions (in)★				→Curb Weights (lb)			Body-Payload Wt. Dist.*		
	WB	CA	CE	OL	Front	Rear	Total	Body	Front	Rear
CS20903	127	54	95½	201¾	2263	1245	3508	7'	7%	93%
CE20903					2382	1249	3631	7½'	5	95
								8'	2	98

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

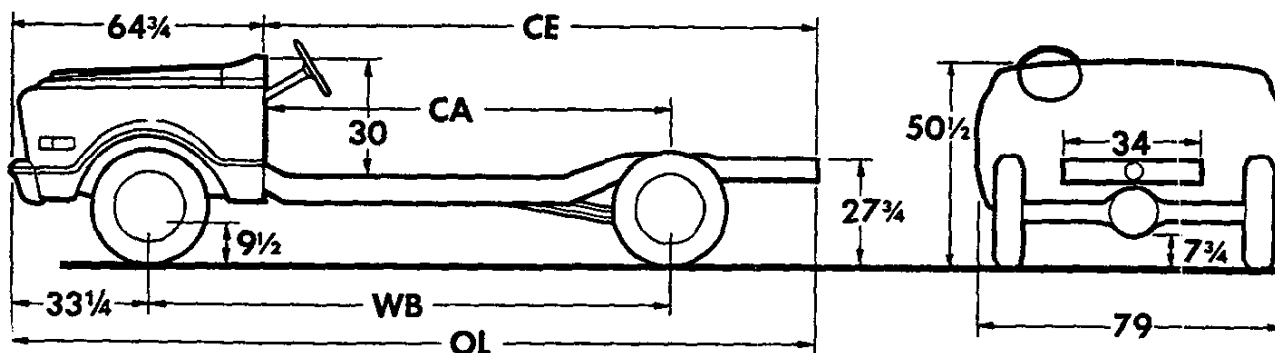
SERIES C20—COWLS

Six-Cylinder Models

CS20902 Chassis-Cowl

V8 Models

CE20902 Chassis-Cowl



Models	Dimensions (in)★				→Curb Weights (lb)			Body-Payload Wt. Dist.	
	WB	CA	CE	OL	Front	Rear	Total	Front	Rear
CS20902	127	95½	137	201¾	1824	1034	2858	Determined by style, length & weight of body.	
CE20902					1939	1042	2981		

★Dimensions with std equipment, unloaded.

SERIES C20

STANDARD EQUIPMENT

Air Cleaner: Oiled-paper element

Axle, Rear: Hypoid full-floating type; ratio 4.57; capacity 5200 lb

Battery: 12-volt, 54-plate; capacity 53 amp-hr

Bodies: See *Cabs, Bodies & Colors*

Brakes, Service: Hydraulic; self-adjusting; dual system.

Sizes: front 11" x 2 3/4"; rear 11" x 2 3/4"

Effective area: drum 385 sq in; lining 238 sq in

Brake, Parking: Cable to rear wheels; area 119 sq in

Bumper: Front only, painted

Cab: See *Cabs, Bodies & Colors*

Carburetor: CS20: single-barrel downdraft
CE20: two-barrel downdraft

Clutch: CS20: diameter 10"; area 100 sq in
CE20: diameter 11"; area 124 sq in

Cooling: CS20: 1 1/4" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
CE20: 1 1/4" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap

Controls & Instruments: 03, 04, 09, 12, 34 models—hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator

02 models—hand choke; light switch; headlight beam control; speedometer; odometer; high beam indicator light; fuel gauge; ammeter; oil pressure & engine temperature gauges; brake warning light

Direction Signals: Class A; two front and two rear; two front & switch only on 02 models. Includes freeway lane-change position on switch & integral hazard warning switch

Engine:

CS20: 250 Six; closed positive crankcase ventilation

Gross horsepower.....155 @ 4200 rpm
Net horsepower.....125 @ 3800 rpm
Gross torque, lb-ft.....235 @ 1600 rpm
Net torque, lb-ft.....215 @ 2000 rpm

CE20: 307 V8; closed positive crankcase ventilation

Gross horsepower.....200 @ 4600 rpm
Net horsepower.....157 @ 4000 rpm
Gross torque, lb-ft.....300 @ 2400 rpm
Net torque, lb-ft.....260 @ 2200 rpm

Exhaust System: Single pipe & aluminized muffler

Filter, Fuel: Wire mesh in fuel tank; paper filter in carburetor

Filter, Oil: CS20: full-flow; 1-quart; throwaway type
CE20: full-flow; 1-quart; replaceable element

Frame: 39,000-lb-test steel; section modulus 3.71

Fuel Pump: Single-action

Generator: 37-amp Delcotron

GVW Plate: 7500 lb

Heater & Defroster: Deluxe-Air (except cowl)

Lights & Reflectors:

03 models: Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front side marker reflectors; two backup; one license; instrument panel & dome

04, 34 & 09 models: Same as 03 models plus two rear side marker reflectors

02 models: Two headlights; two Class A front combination parking/direction signals; one rear combination tail/stop (shipping purposes only); two front side marker reflectors; wiring only for backup, stop & rear direction signals; instrument panel

Mirror, Rearview:

02 models: None

03 & 09 models: Exterior RH & LH 17 1/4" swinging arm

04 & 34 models: Exterior RH & LH 6 1/4" fixed arm

Seat: Full-width (except Cowl models)

Seat Belts: Driver & passenger (except cowl models); includes retractors

Shock Absorbers: Front & rear; piston diameter 1"

Springs, Front: Coil; capacity 1350 lb each

Springs, Rear: Coil; capacity 2000 lb each

Steering: Ball-gear, ratio 24:1; wheel dia 16 1/2"

Suspension, Front: Independent; capacity 3000 lb

Tank, Fuel: Cab models—back of seat in cab; capacity approx 21 gallons. Cowl models—inside frame at rear; capacity approx 20.5 gallons

Tires: Four tubeless 7-17.5/6PR nylon front and single rear

➔ **Tools:** 4000-lb mechanical jack (except Ccwl); wheel wrench

Transmission: 3-speed fully synchronized; steering column gearshift; ratios 2.85, 1.68, 1.00, 2.95 (rev)

Wheels: Five (four on Cowl models) 17.5" x 5.25"; attachment, 8 studs on 6 1/2" circle; spare carrier under frame (except Ccwl); 4 painted hubcaps when single rear wheels are used

Windshield Wipers & Washer: Electric; 2-speed; not included on 02 models

➔ GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
5700	Standard
6200	Standard
6700	3000-lb rear springs
7500 ♦	3000-lb rear springs

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment and Tire & Wheel Combination* pages.

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for availability.

→ Engine:

292 Six (CS20 models only); includes 11" clutch.	L25
Gross horsepower.....	170 @ 4000 rpm
Net horsepower.....	153 @ 3600 rpm
Gross torque, lb-ft.....	275 @ 1600 rpm
Net torque, lb-ft.....	255 @ 2400 rpm
327 V8 (CE20 models only); includes automatic choke & 12" clutch.....	L30
Gross horsepower.....	240 @ 4400 rpm
Net horsepower.....	187 @ 4000 rpm
Gross torque, lb-ft.....	330 @ 3000 rpm
Net torque, lb-ft.....	290 @ 2400 rpm
396 V8 Two-Barrel (CE20 models only); includes manual choke, 12" clutch, single exhaust, Dana rear axle with 3.54 ratio. Not available with Chevrolet 3-speed or Powerglide transmissions.....	L66
Gross horsepower.....	275 @ 4400 rpm
Net horsepower.....	197 @ 4000 rpm
Gross torque, lb-ft.....	390 @ 2800 rpm
Net torque, lb-ft.....	335 @ 2400 rpm
396 V8 Four-Barrel (CE20 models only); includes automatic choke, 12" clutch, dual exhausts, Dana rear axle with 3.54 ratio. Not available with Chevrolet 3-speed or Powerglide transmissions.....	L47

Gross horsepower.....	310 @ 4800 rpm
Net horsepower.....	242 @ 4000 rpm
Gross torque, lb-ft.....	400 @ 3200 rpm
Net Torque, lb-ft.....	350 @ 3000 rpm

→ Transmission:

Powerglide; includes HD radiator; not available with 396 engine.....	M35
Turbo Hydra-Matic; includes HD radiator.....	M49
Chevrolet CH465 4-speed; includes 11" clutch.....	M20
New Process 435CR 4-speed close-ratio.....	M28
Warner T16D 3-speed; with 396 engine only.....	M16

→ Axle, Rear:

With coil rear springs:	
Ratio 4.10; not available with 396 engine or dual rear wheels.....	HB8
NoSPIN; not available with 396 engine or 4.10 ratio.....	G86
POWR-LOK; with 396 engine only.....	G87
With optional leaf rear springs:	
Ratio 4.10; not available with dual rear wheels.....	JA1
POWR-LOK; available with all power teams.....	G87

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

→ Air Cleaner: Oil-bath; capacity 1 quart; not available with 396 engine.....	K48
→ Air Cleaner, Heavy-Duty: Includes oil-bath pre-cleaner; not available with 327 or 396 engine or on cowl.....	K46
Air Conditioning, All-Weather: Not available on cowl. Includes HD radiator, battery & 42-amp generator.....	C60
→ Armrests: Chassis-cab & pickup models with standard seat only	
RH & LH.....	D14
→ Battery:	
<i>Auxiliary;</i> not available on 02 & 09 models. For use with camper body installations to provide auxiliary electrical supply.....	TP2
<i>Heavy-duty;</i> 70-amp-hr; included when HD starter or air conditioning is ordered.....	T60
Belts, Seat: Installed for center third passenger. Not available on 02 models or with bucket seats.	AM3
Brackets, Mounting: Chassis-cabs only; for mounting pickup box.....	E80
Brakes, Vacuum Power: Includes dual-element air cleaner on CS20 models.....	J70
→ Bumper:	
<i>Painted rear;</i> with std painted front bumper only (pickups only).....	V38
<i>Painted step-type rear</i> (pickups only).....	V43
<i>Chrome front</i> (pickups & chassis-cabs); included with Custom Sport Truck Option.....	V371
<i>Chrome rear</i> (pickups only); with Custom Sport Truck Option only.....	V372
<i>Chrome front & rear</i> (pickups only); not available with Custom Sport Truck Option.....	V371/V372
Caps, Hub: Chrome; not available with dual rear wheels.....	P03
Carrier, Spare Wheel: Cowl and dual rear wheel models only; under frame mounting.....	P10
Pickup models; side mounted.....	P13
Clutch: Diameter 11"; for 250 engine with std or New Process 435CR transmissions only.....	M01

→ Cooling: Not available when air conditioning is ordered	
<i>HD radiator only;</i> included when automatic transmission is ordered.....	V01
<i>HD radiator & extra-HD cooling equipment;</i> not available on cowl models.....	V05
→ Custom Camper Nameplate: Chassis-cab & pickup models only. See page 4 of <i>Recreational Vehicles</i> section for minimum requirements.....	Z81
→ Custom Comfort & Appearance Option: Not available on cowl models; includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "Custom" emblems. Not available when Custom Sport Truck Option or bucket seats are ordered.....	Z62
Custom Side Molding: For cab models only; also includes pickup box moldings when ordered on Fleetside pickups only.....	B96
→ Custom Sport Truck Option: Not available on cowl models; includes full-depth foam seat with color-keyed deluxe two-tone all-vinyl trim; color-keyed carpeting; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; chrome front bumper; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts "CST" emblems, pedal trim. Not available when Custom Comfort & Appearance Option is ordered.....	Z8
Filter, Fuel	K2
Floor, Pickup Box: Wood with steel skid strips. Fleetside pickup models only.....	E8

SERIES C20

OTHER OPTIONAL EQUIPMENT (Continued)

Gauges: Not available on cowl models	
Ammeter, engine temperature, oil pressure..	Z53
Tachometer, ammeter, engine temperature, oil pressure.....	U16
➤ Generator, Alternating Current:	
12-42-amp Delcotron (included with air conditioning or dual rear tires).....	K79
5-61-amp Delcotron.....	K76
23-62-amp Delcotron.....	K81
Glass, Soft-Ray: Not available on cowls	
Windshield only.....	A112
All windows.....	A111
➤ Governor: With synchromesh transmission only; includes dual element air cleaner on CS20 models	
250 engine: 1800-3000 rpm (low rpm setting)	K371
2800-4000 rpm (high rpm setting)	K372
292 engine: 2100-3000 rpm (low rpm setting)	K371
2800-3900 rpm (high rpm setting)	K372
307 engine: 2300-3100 rpm (low rpm setting)	K371
2800-4100 rpm (high rpm setting)	K372
Guards, Door Edge: Not available on cowls.	
	B93
Harness, Camper Body Electric: Chassis-cab & pickup models only.....	
	UY1
Harness, Shoulder: Driver & passenger; not available on cowls.....	
	A85
Heater & Defroster Deletion: Not available on cowls or with air conditioning.....	
	C48
Hooks, Towing: Two front; not available with chrome bumper or power steering.....	
	V76
Jack:	
Mechanical; capacity 4000 lb; cowl models with single rear tires only.....	V62
Mechanical; capacity 4700 lb; with dual rear tires only.....	V62
Lamps, Marker: Five; not available on cowl models or with dual rear tires.....	
	U01
Lock: Side wheel carrier; pickup models only.	
	A97
Mirrors, Rearview: Not available on cowls	
RH & LH; 6¼" fixed arm (chassis-cabs & stakes).....	D323
RH & LH; 17¼" swinging arm (pickups only)	D325
West Coast Jr. type (6" x 11")	
RH & LH (cab models only).....	D29
West Coast Sr. type (7" x 16")	
RH & LH (cab models only).....	D302
Inside prismatic non-glare shatterproof (pickups).....	D36
Paint, Exterior: See Cabs, Bodies & Colors section	
Platform Body: Chassis-cabs only; 8-ft length; includes three rear identification, two rear clearance & two rear side marker lamps.....	
	E57
➤ Power Outlet Box: Six circuits; not available on cowls.....	
	U98
Pump, Fuel & Vacuum Booster: CS20902 model only.....	
	K26
Radio: Pushbutton control; not available on cowls.....	
	U63
Seat: For cab models only; not available with Custom Comfort & Appearance Option	
Bucket; driver & passenger; includes carpeting RH & LH armrests and center console...	A50
Full-depth foam; not available when Custom Sport Truck Option is ordered; includes RH & LH armrests.....	Z52
➤ Shock Absorbers, HD:	
Front; available only with optional leaf spring rear suspension.....	F52
Rear; included with optional leaf spring rear suspension.....	G68
Front & rear; available only with coil spring rear suspension.....	F51
➤ Speed & Cruise Control: Not available on cowls or when 396 engine, HD air cleaner or manual throttle control is ordered.....	
	K30
➤ Speed Warning Indicator.....	
	U15
➤ Springs, HD:	
Front; capacity 1500 lb each; included with dual rear wheels.....	F60
Rear; coil type; capacity 3000 lb each...	G50
Rear; leaf type; capacity 2750 lb each; available only with optional leaf-type rear suspension.....	G50
Auxiliary rear; capacity 500 lb each; available only with coil-type rear suspension	G60
Stabilizer Bar, Front.....	
	F59
Starter Motor, Heavy-Duty: Includes HD battery; not available with Turbo Hydra-Matic	
	K67
Steering, Power.....	
	N40
➤ Stripes, Body Side Paint: Not available on cowls.....	
	D89
➤ Suspension, Rear: Leaf-type; includes 2000-lb-each leaf rear springs, HD rear shock absorbers & 4.56 ratio rear axle. Not available with NoSPIN rear axle or dual rear wheels....	
	G70
Throttle Control: Manual.....	
	K31
Wheel, Spare: Included with spare tire	
<i>For tubeless tires</i>	
16.5" x 6.00".....	QE6
16.5" x 6.75".....	QE7
16.5" x 8.25".....	S89
17.5" x 5.25".....	S77
19.5" x 5.25".....	Q36
<i>For tube-type tires</i>	
16" x 5.50".....	S76
16" x 6.00".....	Q20
17" x 6.00".....	Q23

→ TIRE & WHEEL COMBINATIONS •

TUBE-TYPE TIRES	Maximum Tire Capacity		Type of Wheel	Rim Width	Opt. No.
	Single Usage	Dual Usage			
b6.50-16/6PR—Highway Nylon	1610	1420	Disc	5.50	R65
7.00-16/6PR—Highway Nylon	1800	—	Disc	6.00	R78
—On-Off Road Nylon	1800	—	Disc	6.00	R71*
7.00-17/6PR—Highway Nylon	1980	—	Disc	6.00	R72
7.50-16/6PR—Highway Nylon	2060	—	Disc	6.00	R67
7.00-17/8PR—Highway Nylon	2350	—	Disc	6.00	R73
—On-Off Road Nylon	2350	—	Disc	6.00	R74*
7.50-16/8PR—Highway Nylon	2440	—	Disc	6.00	R68
7.50- 16 /8PR—Highway Nylon	2780	—	Disc	6.00	R75
17 —On-Off Road Nylon	2780	—	Disc	6.00	R76*

b—Available with dual rears only; not available on pickup models.

*Rear only.

TUBELESS TIRES	Maximum Tire Capacity		Type of Wheel	Rim Width	Opt. No.
	Single Usage	Dual Usage			
7-17.5/6PR —Highway Nylon	1815	—	Disc	5.25	Std
—On-Off Road Nylon	1815	—	Disc	5.25	R81*
8-17.5/6PR —Highway Nylon	2075	—	Disc	5.25	R85
—On-Off Road Nylon	2075	—	Disc	5.25	R84*
8-17.5/8PR —Highway Nylon	2455	—	Disc	5.25	R86
—On-Off Road Nylon	2455	—	Disc	5.25	R87*
8-19.5/6PR —Highway Nylon	2380	—	Disc	5.25	R95
8-19.5/8PR —Highway Nylon	2780	—	Disc	5.25	R98
—On-Off Road Nylon	2780	—	Disc	5.25	R97*

a—R82 for spare tire with 17.5 x 5.25 wheel.

*Rear only.

WIDE BASE TUBELESS TIRES	Maximum Tire Capacity		Type of Wheel	Rim Width	Opt. No.
	Single Usage	Dual Usage			
8.00-16.5/6PR —Highway Nylon	1730	1520	Disc	6.00	R70
—On-Off Road Nylon	1730	1520	Disc	6.00	RQ2*
8.00-16.5/8PR —Highway Nylon	2045	—	Disc	6.00	RP3
—On-Off Road Nylon	2045	—	Disc	6.00	RQ3*
8.00-16.5/10PR—Highway Nylon	2330	—	Disc	6.00	RP4
8.75-16.5/6PR —Highway Nylon	1990	—	Disc	6.75	RP5
8.75-16.5/8PR —Highway Nylon	2350	—	Disc	6.75	RP6
—On-Off Road Nylon	2350	—	Disc	6.75	RQ4*
9.50-16.5/6PR —Highway Nylon	2350	—	Disc	6.75	RP8
9.50-16.5/8PR —Highway Nylon	2780	—	Disc	6.75	RP9
—On-Off Road Nylon	2780	—	Disc	6.75	RQ5*

*Rear only

FLOTATION-TYPE TUBELESS TIRES	Maximum Tire Capacity		Type of Wheel	Rim Width	Opt. No.
	Single Usage	Dual Usage			
10.00-16.5/6PR—Highway Nylon	2330	—	Disc	8.25	R79★

★ Not available on Stepside pickups.

• **Note:** When dual rear tires are specified, the following equipment will be applied to the order as shown in the dual rear portion of the order form.

This equipment is not included in the price of the tire option and will be reflected on the invoice as follows:

Cowl Models: Includes 42-amp Delcotron, two front side marker lamps & dual rear chassis provisions... R05

Chassis-Cab Models: (without platform body) Includes 42-amp Delcotron; two front side marker lamps; five cab marker & clearance lamps, deletion of spare wheel carrier & dual rear chassis provisions... R05

Stake Models & Chassis-Cabs with Platform Body: Includes 42-amp Delcotron; two front & two rear side marker lamps; five cab marker & clearance lamps; five rear identification & clearance lamps, deletion of spare wheel carrier & dual rear chassis provisions... R05

NOTES

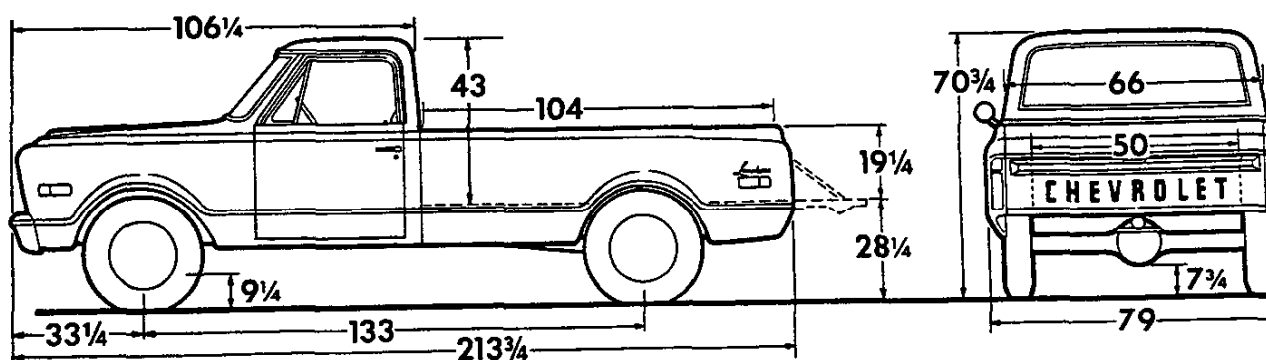
LONGHORN

Six-Cylinder Model

CS21034 Longhorn

V8 Model

CE21034 Longhorn



Models	Dimensions (in)★			Curb Weights (lb)			Body-Payload Wt. Dist.	
	WB	IL	OL	Front	Rear	Total	Front	Rear
CS21034	133	104	213.8	2242	1829	4071	3%	97%
CE21034				2315	1880	4195		

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

LONGHORN STANDARD EQUIPMENT

Air Cleaner: Oiled-paper element
Axle, Rear: Hypoid full-floating type; ratio 4.57; capacity 5200 lb
Battery: 12-volt, 54-plate; capacity 53 amp-hr
Bodies: See *Cabs, Bodies & Colors*
Brakes, Service: Hydraulic; self-adjusting; dual system.
Sizes: front 11" x 2 3/4"; rear 11" x 2 3/4"
Effective area: drum 385 sq in; lining 238 sq in
Brake, Parking: Cable to rear wheels; area 119 sq in
Bumper: Front only, painted
Cab: See *Cabs, Bodies & Colors*
Carburetor: CS20: single-barrel downdraft
 CE20: two-barrel downdraft
Clutch: CS20: diameter 10"; area 100 sq in
 CE20: diameter 11"; area 124 sq in
Cooling: CS20: 1.26" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
 CE20: 1.26" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap
Controls & Instruments: Hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator
Direction Signals: Class A; two front and two rear. Includes freeway lane-change position on switch & integral hazard warning switch
Engine:
 CS20: 250 Six; closed positive crankcase ventilation
 Gross horsepower.....155 @ 4200 rpm
 Net horsepower.....125 @ 3800 rpm
 Gross torque, lb-ft.....235 @ 1600 rpm
 Net torque, lb-ft.....215 @ 2000 rpm
 CE20: 307 V8; closed positive crankcase ventilation
 Gross horsepower.....200 @ 4600 rpm
 Net horsepower.....157 @ 4000 rpm
 Gross torque, lb-ft.....300 @ 2400 rpm
 Net torque, lb-ft.....260 @ 2200 rpm

Exhaust System: Single pipe & aluminized muffler
Filter, Fuel: Wire mesh in fuel tank; paper filter in carburetor
Filter, Oil: CS20: full-flow; 1-quart; throwaway type
 CE20: full-flow; 1-quart; replaceable element
Frame: 39,000-lb-test steel; section modulus 5.05
Fuel Pump: Single-action
Generator: 37-amp Delcotron
GVW Plate: 7500 lb
Heater & Defroster: Deluxe-Air
Lights & Reflectors:
 Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front side marker reflectors and two rear side marker reflectors; two backup; one license; instrument panel & dome
Mirror, Rearview:
 Exterior RH & LH 6 1/4" fixed arm
Seat: Full-width
Seat Belts: Driver & passenger; includes retractors
Shock Absorbers: Front & rear; piston diameter 1"
Springs, Front: Coil; capacity 1350 lb each
Springs, Rear: Leaf; capacity 2000 lb each
Steering: Ball-gear, ratio 24:1; wheel dia 16 1/2"
Suspension, Front: Independent; capacity 3000 lb
Tank, Fuel: Back of seat in cab; capacity approx 21 gallons
Tires: Four tubeless 7-17.5/6PR nylon front and single rear
Tools: 4000-lb mechanical jack; wheel wrench
Transmission: 3-speed fully synchronized; steering column gearshift; ratios 2.85, 1.68, 1.00, 2.95 (rev)
Wheels: Five 17.5" x 5.25"; attachment, 8 studs on 6 1/2" circle; spare carrier under frame; 4 painted hubcaps are used
Windshield Wipers & Washer: Electric; 2-speed

GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
5700	Standard
6200	
6700	3000-lb each rear spring
7500 ♦	

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment and Tire & Wheel Combination* pages.

LONGHORN

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for availability.

Engine:

292 Six (CS21 models only); includes 11" clutch L25	
Gross horsepower.....	170 @ 4000 rpm
Net horsepower.....	153 @ 3600 rpm
Gross torque, lb-ft.....	275 @ 1600 rpm
Net torque, lb-ft.....	255 @ 2400 rpm
327 V8 (CE21 models only); includes automatic choke & 12" clutch..... L30	
Gross horsepower.....	240 @ 4400 rpm
Net horsepower.....	187 @ 4000 rpm
Gross torque, lb-ft.....	330 @ 3000 rpm
Net torque, lb-ft.....	290 @ 2400 rpm
396 V8 Two-Barrel (CE21 models only); includes manual choke, 12" clutch, single exhaust, Dana rear axle with 3.54 ratio. Not available with Chevrolet 3-speed or Powerglide transmissions..... L66	
Gross horsepower.....	275 @ 4400 rpm
Net horsepower.....	197 @ 4000 rpm
Gross torque, lb-ft.....	390 @ 2800 rpm
Net torque, lb-ft.....	335 @ 2400 rpm

396 V8 Four-Barrel (CE21 models only); includes automatic choke, 12" clutch, dual exhausts, Dana rear axle with 3.54 ratio. Not available with Chevrolet 3-speed or Powerglide transmissions..... L47	
Gross horsepower.....	310 @ 4800 rpm
Net horsepower.....	242 @ 4000 rpm
Gross torque, lb-ft.....	400 @ 3200 rpm
Net torque, lb-ft.....	350 @ 3000 rpm

Transmission:

Powerglide; includes HD radiator; not available with 396 engine.....	M38
Turbo Hydra-Matic; includes HD radiator.....	M48
Chevrolet CH465 4-speed; includes 11" clutch when used with std 250 engine.....	M2C
New Process 435CR 4-speed close-ratio.....	M2E
Warner T16D 3-speed; with 396 engine only.....	M16

Axle, Rear:

Ratio 4.10; not available with 396 engine...	HB8
NoSPIN; not available with 396 engine or 4.10 ratio.....	G86
POWR-LOK; with 396 engine only.....	G87

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

Air Cleaner: Oil-bath; capacity 1 quart; not available with 396 engine.....	K48
Air Cleaner, Heavy-Duty: Includes oil-bath pre-cleaner; not available with 327 or 396 engine.....	K46
Air Conditioning, All-Weather: Includes HD radiator & 42-amp generator.....	C60
Armrests: Available with standard seat only RH & LH.....	D14
Battery:	
<i>Auxiliary;</i> for use with camper body installations to provide auxiliary electrical supply...	TP2
<i>Heavy-duty;</i> 70-amp-hr; included when HD starter is ordered.....	T60
Belts, Seat: Installed for center third passenger. Not available with bucket seats.....	AM3
Brakes, Vacuum Power: Includes dual-element air cleaner on CS21 models.....	J70
Bumper:	
<i>Painted rear;</i> with std painted front bumper only.....	V38
<i>Painted step-type rear.....</i>	V43
<i>Chrome front;</i> included with Custom Sport Truck Option.....	V371
<i>Chrome rear;</i> with Custom Sport Truck Option only.....	V372
<i>Chrome front & rear;</i> not available with Custom Sport Truck Option.....	V371/ V372
Caps, Hub: Chrome; not available with dual rear wheels.....	P03
Carrier, Spare Wheel: Side mounted.....	P13
Clutch: Diameter 11"; for 250 engine with std or New Process 435CR transmissions only.....	M01

Cooling: Not available when air conditioning is ordered	
<i>HD radiator only;</i> included when automatic transmission is ordered.....	V01
<i>HD radiator & extra-HD cooling equipment.....</i>	V05
Custom Camper Nameplate: See page 4 of <i>Recreational Vehicles</i> section for minimum requirements.....	Z81
Custom Comfort & Appearance Option: Includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "Custom" emblems. Not available when Custom Sport Truck Option or bucket seats are ordered.....	
Custom Side Molding: Includes Pickup box moldings.....	B98
Custom Sport Truck Option: Includes full-depth foam seat with color-keyed deluxe two-tone all-vinyl trim; color-keyed carpeting; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; chrome front bumper; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts "CST" emblems, pedal trim. Not available when Custom Comfort & Appearance Option is ordered.....	Z84

SERIES C20

LONGHORN

OTHER OPTIONAL EQUIPMENT (Continued)

Filter, Fuel	K28	Paint, Exterior: See <i>Cabs, Bodies & Colors</i> section	
Gauges:			
Ammeter, engine temperature, oil pressure.	Z53	Power Outlet Box: Six circuits.....	U98
Tachometer, ammeter, engine temperature, oil pressure.....	U16	Radio: Pushbutton control.....	U63
Generator, Alternating Current:		Seat: Not available with Custom Comfort & Appearance Option	
12-42-amp Delcotron (included with air conditioning).....	K79	<i>Bucket;</i> driver & passenger; includes carpeting, RH & LH armrests and center console	A50
5-61-amp Delcotron	K76	<i>Full-depth foam;</i> not available when Custom Sport Truck Option is ordered; includes RH & LH armrests.....	Z52
23-62-amp Delcotron	K81		
Glass, Soft-Ray:		Shock Absorbers, HD:	
Windshield only.....	A112	<i>Rear.</i>	G68
All windows.....	A111	Speed & Cruise Control: Not available when 396 engine, HD air cleaner or manual throttle control is ordered.....	K30
Governor: With synchromesh transmission only; includes dual element air cleaner on CS21 models		Speed Warning Indicator	U15
250 engine: 1800-3000 rpm (low rpm setting)	K371	Springs, HD:	
2800-4000 rpm (high rpm setting)	K372	Front: <i>capacity 1500 lb each</i>	F60
292 engine: 2100-3000 rpm (low rpm setting)	K371	Rear; leaf type; <i>capacity 2750 lb each</i> ..	G50
2800-3900 rpm (high rpm setting)	K372	Auxiliary rear; <i>capacity 500 lb each</i> ...	G60
307 engine: 2300-3100 rpm (low rpm setting)	K371	Stabilizer Bar, Front	F59
2800-4100 rpm (high rpm setting)	K372	Starter Motor, Heavy-Duty: Includes HD battery; not available with Turbo Hydra-Matic	K67
Guards, Door Edge	B93	Steering, Power	N40
Harness, Camper Body Electric	UY1	Stripes, Body Side Paint	D89
Harness, Shoulder: Driver & passenger...	A85	Throttle Control: Manual.....	K31
Heater & Defroster Deletion: Not available with air conditioning	C48	Wheel, Spare: Included with spare tire	
Hooks, Towing: Two front; not available with chrome bumper or power steering.....	V76	<i>For tubeless tires</i>	
Lamps, Marker: Five.....	U01	16.5" x 6.75".....	QE7
Lock: Side wheel carrier only.....	A97	16.5" x 8.25".....	S89
Mirrors, Rearview:		17.5" x 5.25".....	S77
RH & LH; 17¼" swinging arm.....	D325	<i>For tube-type tires</i>	
West Coast Jr. type (6" x 11")		16" x 6.00".....	Q20
RH & LH	D29		
West Coast Sr. type (7" x 16")			
RH & LH.....	D302		
Inside prismatic non-glare shatterproof	D36		

LONGHORN

TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap	Type of Wheel	Rim Width	Opt. No.
7.00-16/6PR—Highway Nylon	1800	Disc	6.00	R78
—On-Off Road Nylon	1800	Disc	6.00	R71 *
7.00-17/6PR—Highway Nylon	1980	Disc	6.00	R72
7.50-16/6PR—Highway Nylon	2060	Disc	6.00	R67
7.00-17/8PR—Highway Nylon	2350	Disc	6.00	R73
—On-Off Road Nylon	2350	Disc	6.00	R74 *
7.50-17/8PR—Highway Nylon	2440	Disc	6.00	R68
7.50-17/8PR—Highway Nylon	2780	Disc	6.00	R75
—On-Off Road Nylon	2780	Disc	6.00	R76 *

*Rear only.

TUBELESS TIRES	Max. Tire Cap	Type of Wheel	Rim Width	Opt. No.
7-17.5/6PR —Highway Nylon	1815	Disc	5.25	Std
—On-Off Road Nylon	1815	Disc	5.25	R81 *
8-17.5/6PR —Highway Nylon	2075	Disc	5.25	R85
—On-Off Road Nylon	2075	Disc	5.25	R84 *
8-17.5/8PR —Highway Nylon	2455	Disc	5.25	R86
—On-Off Road Nylon	2455	Disc	5.25	R87 *
8-19.5/6PR —Highway Nylon	2380	Disc	5.25	R95
8-19.5/8PR —Highway Nylon	2780	Disc	5.25	R98
—On-Off Road Nylon	2780	Disc	5.25	R97 *

a—R82 for spare tire with 17.5 x 5.25 wheel.

*Rear only.

WIDE BASE TUBELESS TIRES	Max. Tire Cap	Type of Wheel	Rim Width	Opt. No.
8.00-16.5/6PR —Highway Nylon	1730	Disc	6.00	R70
—On-Off Road Nylon	1730	Disc	6.00	RQ2 *
8.00-16.5/8PR —Highway Nylon	2045	Disc	6.00	RP3
—On-Off Road Nylon	2045	Disc	6.00	RQ3 *
8.00-16.5/10PR—Highway Nylon	2330	Disc	6.00	RP4
8.75-16.5/6PR —Highway Nylon	1990	Disc	6.75	RP5
8.75-16.5/8PR —Highway Nylon	2350	Disc	6.75	RP6
—On-Off Road Nylon	2350	Disc	6.75	RQ4 *
9.50-16.5/6PR —Highway Nylon	2350	Disc	6.75	RP8
9.50-16.5/8PR —Highway Nylon	2780	Disc	6.75	RP9
—On-Off Road Nylon	2780	Disc	6.75	RQ5 *

*Rear only.

FLOTATION-TYPE TUBELESS TIRES	Max. Tire Cap	Type of Wheel	Rim Width	Opt. No.
10.00-16.5/6PR—Highway Nylon	2330	Disc	8.25	R79

10/10/10

)

10/10/10

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10/10/10

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SERIES C20 PANELS & SUBURBAN CARRYALLS

GVW Ratings up to 7500 lb

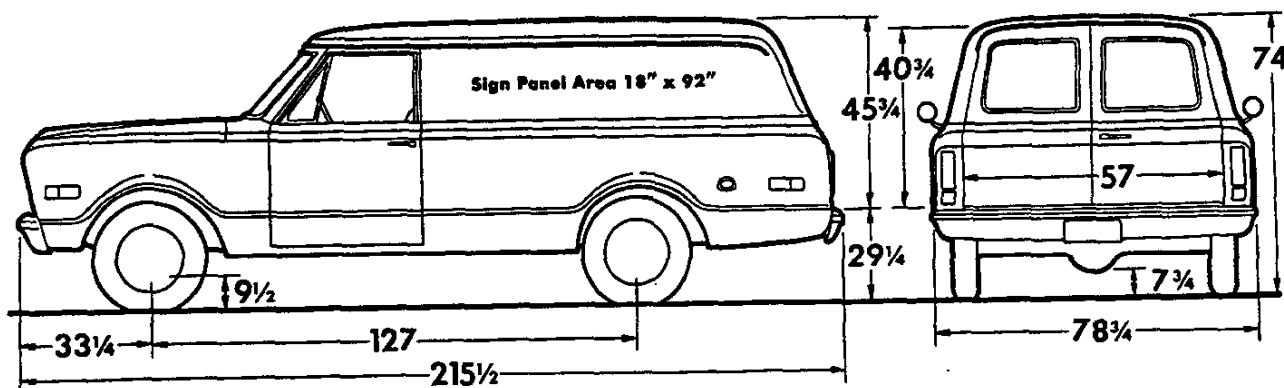
SERIES C20—PANELS

Six-Cylinder Models

CS20905 Panel

V8 Models

CE20905 Panel



Models	Dimensions (in)★		→Curb Weights (lb)			→Payload Wt. Dist.*	
	WB	OL	Front	Rear	Total	Front	Rear
CS20905	127	215½	2040	2051	4091	7%	93%
CE20905			2154	2066	4220		

★Dimensions with std equipment, unloaded.

*Estimate based on water-level loading.

SERIES C20—SUBURBAN CARRYALLS

Six-Cylinder Models

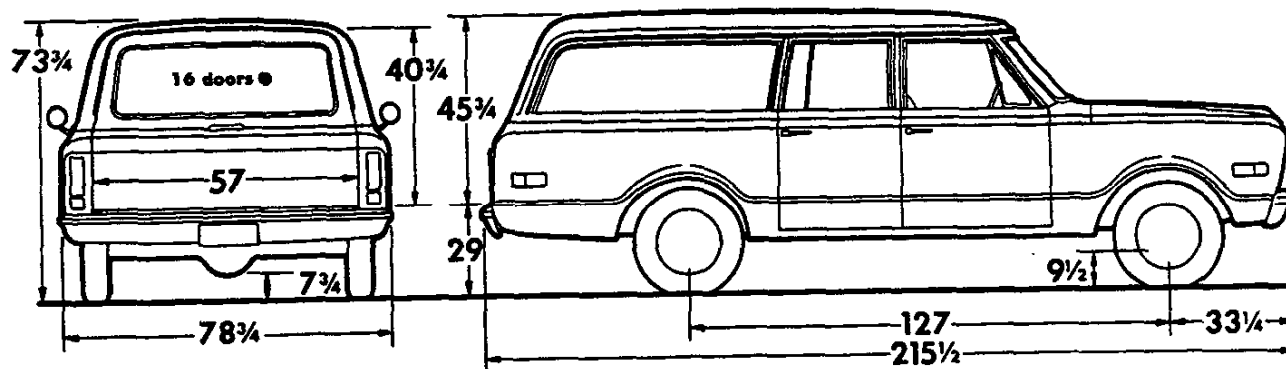
CS20906 Suburban Carryall

CS20916 Suburban Carryall

V8 Models

CE20906 Suburban Carryall

CE20916 Suburban Carryall



Models	Dimensions (in)★		→Curb Weights (lb)		
	WB	OL	Front	Rear	Total
CS20906	127	215½	2050	2217	4267
CE20906			2166	2236	4402
CS20916	127	215½	2050	2221	4271
CE20916			2166	2239	4405

★ Dimensions with std equipment, unloaded.

● Illustration shows 16 model rear end/lift gate. See 05 model illustration above for 06 model rear doors.

February 1, 1968

→ Indicates change

Conventional Gasoline—20: Page

SERIES C20 PANELS & SUBURBAN CARRYALLS

STANDARD EQUIPMENT

Air Cleaner: Oiled-paper element

Axle, Rear: Hypoid full-floating type; ratio 4.57; capacity 5200 lb

Battery: 12-volt, 54-plate; capacity 53 amp-hr

Bodies: See *Cabs, Bodies & Colors*

Brakes, Service: Hydraulic; self-adjusting; dual system

Sizes: front 11" x 2 3/4"; rear 11" x 2 3/4"

Effective area: drum 385 sq in; lining 238 sq in

Brake, Parking: Cable to rear wheels; area 119 sq in

Bumpers: Front & rear, painted

Cab: See *Cabs, Bodies & Colors*

Carburetor: CS20: single-barrel downdraft
CE20: two-barrel downdraft

Clutch: CS20: diameter 10"; area 100 sq in
CE20: diameter 11"; area 124 sq in

Cooling: CS20: 1 1/4" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap

CE20: 1 1/4" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap

Controls & Instruments: Hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator

Direction Signals: Class A; two front and two rear. Includes freeway lane-change position on switch & integral hazard warning switch

Doors, Rear:

05 & 06 models: Two; side-hinged

16 models: End/lift gate

Doors, Side:

05 models: Two; one right & one left

06 & 16 models: Three; two right & one left

Engine:

CS20: 250 Six; closed positive crankcase ventilation

Gross horsepower.....155 @ 4200 rpm

Net horsepower.....120 @ 3800 rpm

Gross torque, lb-ft.....235 @ 1600 rpm

Net torque, lb-ft.....210 @ 2000 rpm

CE20: 307 V8; closed positive crankcase ventilation

Gross horsepower.....200 @ 4600 rpm

Net horsepower.....150 @ 4000 rpm

Gross torque, lb-ft.....300 @ 2400 rpm

Net torque, lb-ft.....255 @ 2000 rpm

→ GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
5700	Standard
6200	Standard
6700	1500-lb front springs; 3000-lb rear springs
7500♦	1500-lb front springs; 3000-lb rear springs

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

→ **Exhaust Emission Control Equipment:** 06 & 16 models only; see *Engine & Clutch* section for types used

Exhaust System: Single pipe & aluminized muffler

→ **Filter, Fuel:** Wire mesh in fuel tank; paper filter in carburetor

Filter, Oil: CS20: full-flow; 1-quart; throwaway type
CE20: full-flow; 1-quart; replaceable element

Frame: 39,000-lb-test steel; section modulus 3.71

Fuel Pump: Single-action

Generator: 37-amp Delcotron

GVW Plate: 7500 lb

Heater & Defroster: Deluxe-Air

Lights & Reflectors: Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front & two rear side marker reflectors; two backup; one license; instrument panel & dome

Mirror, Rearview:

05 models: Exterior RH & LH 6 1/4" fixed arm

06 & 16 models: Exterior RH & LH 6 1/4" fixed arm and inside prismatic non-glare shatterproof

Seat:

05 models: Driver only; vinyl trim

06 & 16 models: Full-width bench; front only; vinyl trim

Seat Belts: Includes retractors

05 models: Driver only

06 & 16 models: Driver & passenger

Shock Absorbers: Front & rear; piston diameter 1"

Springs, Front: Coil; capacity 1350 lb each

Springs, Rear: Coil; capacity 2000 lb each

Steering: Ball-gear, ratio 24:1; wheel dia 16 1/2"

Suspension, Front: Independent; capacity 3000 lb

Tank, Fuel: Inside frame at rear; capacity approximately 23.5 gal

Tires: Four tubeless 7-17.5/6PR nylon front and single rear

→ **Tools:** 4000-lb mechanical jack; wheel wrench

Transmission: 3-speed fully synchronized; steering column gearshift; ratios 2.85, 1.68, 1.00, 2.95 (rev)

Wheels: Five 17.5" x 5.25"; attachment, 8 studs on 6 1/2" circle; spare carrier inside RH cargo area; 4 painted hubcaps

Windshield Wipers & Washer: Electric; 2-speed wipers

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment and Tire & Wheel Combination* pages.

*Ratings shown with exhaust emission controls (Standard on 06 & 16 models only)

SERIES C20 PANELS & SUBURBAN CARRYALLS

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for availability.

→ Engine:

292 Six (CS20 models only); includes 11" clutch...	L25
Gross horsepower.....	170 @ 4000 rpm
Net horsepower.....	135 @ 3600 rpm
Gross torque, lb-ft.....	275 @ 1600 rpm
Net torque, lb-ft.....	240 @ 1800 rpm
327 V8 (CE20 models only); includes automatic choke & 12" clutch.....	L30
Gross horsepower.....	240 @ 4400 rpm
Net horsepower.....	180 @ 4000 rpm
Gross torque, lb-ft.....	330 @ 3000 rpm
Net torque, lb-ft.....	285 @ 2400 rpm
Clutch.....	12"; 150 sq in
396 V8 Two-Barrel (CE20 models only); includes manual choke, 12" clutch, single exhaust, Dana rear axle with 3.54 ratio. Not available with Chevrolet 3-speed or Powerglide transmissions...	L66
Gross horsepower.....	275 @ 4400 rpm
Net horsepower.....	190 @ 4000 rpm
Gross torque, lb-ft.....	390 @ 2800 rpm
Net torque, lb-ft.....	330 @ 2400 rpm
396 V8 Four-Barrel (CE20 models only); includes	

automatic choke, 12" clutch, dual exhausts, Dana rear axle with 3.54 ratio. Not available with Chevrolet 3-speed or Powerglide transmissions.....	L4
Gross horsepower.....	310 @ 4800 rpm
Net horsepower.....	235 @ 4000 rpm
Gross torque, lb-ft.....	400 @ 3200 rpm
Net torque, lb-ft.....	345 @ 3000 rpm

→ Transmission:

Powerglide; includes HD radiator; not available with 396 engine.....	M35
Turbo Hydra-Matic; includes HD radiator.....	M49
Chevrolet CH465 4-speed; includes 11" clutch.....	M20
New Process 435CR 4-speed close-ratio.....	M28
Warner T16D 3-speed; with 396 engine only.....	M16

→ Axle, Rear:

Ratio 4.10; not available with 396 engine.....	HB8
NoSPIN; ratio 4.57; not available with 396 engine.....	G86
POWR-LOK; with 396 engine only.....	G87

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

→ Air Cleaner: Oil-bath; capacity 1 quart; not available with 396 engine or on CE20906/16 models with automatic transmission.....	K48
→ Air Cleaner, Heavy-Duty: Includes oil-bath pre-cleaner; not available with 327 or 396 engine or on CE20906/16 models with automatic transmission.....	K46
→ Armrests: Available with standard seats only	
LH only (05 models with standard vinyl driver seat only).....	D14
RH & LH (05 models with standard driver seat & optional passenger seat or 06 & 16 models with standard full-width bench seat only).....	D14
Battery: Heavy-duty; 70-amp-hr; included with HD starter motor.....	T60
Belts, Seat: 06 & 16 models only; installed for center third passenger	
Front seat; not available with bucket seats....	AM3
Center seat.....	A68
Center & rear seats.....	A68
Brakes, Vacuum Power: Includes dual-element air cleaner on CS20 models.....	J70
Bumpers, Chrome: Front & rear.....	V371/V372
Caps, Hub: Chrome.....	P03
Clutch, HD: Dia 11"; for 250 engine with std or New Process 435CR transmission only.....	M01
Cooling:	
HD radiator only; included when automatic transmission is ordered.....	V01
→ Custom Comfort & Appearance Option:	
05 models: Includes LH full-depth armrest; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; underbody coating; bright metal windshield moldings, ventipane frames, control knob inserts, "Custom" emblems.....	Z62
06 & 16 models: Includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door & sidewall trim panels with bright upper retainers, RH & LH full-depth armrests; white hardboard headlining with bright metal roof bow trim strips; black vinyl spare tire cover; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; underbody coating; bright metal windshield moldings, ventipane	

frames, control knob inserts, "Custom" emblems.....	Z62
Custom Side Molding	B98
Filter, Fuel	K28
Gauges:	
Ammeter, engine temperature & oil pressure.....	Z53
Tachometer, ammeter, engine temperature & oil pressure.....	U16
Generator, Alternating Current:	
12-42-amp Delcotron.....	K79
5-61-amp Delcotron.....	K76
23-62-amp Delcotron.....	K81
Glass, Soft-Ray:	
Windshield only.....	A11
All windows.....	A11
→ Governor: With synchromesh transmission only; includes dual-element air cleaner on CS20 models	
250 engine: 1800-3000 rpm (low rpm setting).....	K37
2800-4000 rpm (high rpm setting).....	K37
292 engine: 2100-3000 rpm (low rpm setting).....	K37
2800-3900 rpm (high rpm setting).....	K37
307 engine: 2300-3100 rpm (low rpm setting).....	K37
2800-4100 rpm (high rpm setting).....	K37
Guards, Door Edge	B93
→ Harness, Shoulder:	
05 models:	
Driver only.....	A85
Driver & passenger (requires auxiliary seat).....	A85
06 & 16 models:	
Driver & passenger.....	A85
Center seat (2 belts).....	AS5
Center seat (1 belt) & rear seat (2 belts).....	AS5
Heater & Defroster Deletion: 05 models only.....	C48
→ Hooks, Towing: Two, front. Not available with chrome bumper or power steering.....	V76
Lamps, Marker: Five.....	U01
→ Mirrors, Rearview:	
RH & LH; 17 1/4" swinging arm (05 models only).....	D32
West Coast Jr. type (6" x 11").....	
RH & LH.....	D29
West Coast Sr. type (7" x 16").....	
RH & LH (05 models only).....	D30
Paint, Exterior: See Cabs, Bodies & Colors section	

SERIES C20 PANELS & SUBURBAN CARRYALLS

OTHER OPTIONAL EQUIPMENT (Continued)

- Radio:** Pushbutton control..... U63
- **Seats, Front:** Includes seat belts with retractors
05 models:
 Passenger seat; includes RH sunshade &
 seat belt; not available with HD driver seat... A57
 HD driver seat; includes LH armrest..... AM21
 HD driver & passenger seats; includes RH
 & LH armrests, RH sunshade & seat belt.... AM22
 06 & 16 models:
 Custom deluxe bench seat; includes RH &
 LH armrests and carpeting..... A52
 Bucket seats; includes RH & LH armrests,
 carpeting & center console..... A50
- **Seats, Center & Rear:**
06 & 16 models: Seat trim matches front seats
whether standard or optional. Includes HD
front & rear springs, RH & LH armrests and
seat belts
 Center seat..... AS3
 Center & rear seats..... A80
- Shock Absorbers, HD:**
 Front and rear..... F51
 Rear only..... G68
- **Speed & Cruise Control:** Not available when
396 engine, HD air cleaner or manual throttle
control is ordered..... K30
- Speed Warning Indicator**..... U15
- **Springs, HD:**
 Front; *capacity 1500 lb each;* included
 when optional center or rear seats are ordered
 on 06/16 models..... F60
 Rear; *capacity 3000 lb each;* requires use
 of HD front springs; included when optional
 center or rear seats are ordered on 06/16
 models..... G50
 Auxiliary rear; *capacity 500 lb each*..... G60
- Stabilizer Bar, Front**..... F59
- Starter Motor, HD:** Includes HD battery; not
available with Turbo Hydra-Matic..... K67
- Steering, Power:**..... N40
- Throttle Control:** Manual (05 models only) ... K31

→ TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
7.00-16/6PR —Highway Nylon	1800	Disc	6.00	R78
—On-Off Road Nylon	1800	Disc	6.00	R71*
7.50-16/6PR —Highway Nylon	2060	Disc	6.00	R67*
7.50-16/8PR —Highway Nylon	2440	Disc	6.00	R68*

*Rear only.

★ Panel models only.

TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
7-17.5/6PR —Highway Nylon	1815	Disc	5.25	Std
—On-Off Road Nylon	1815	Disc	5.25	R81*
8-17.5/6PR —Highway Nylon	2075	Disc	5.25	R85
—On-Off Road Nylon	2075	Disc	5.25	R84*
8-17.5/8PR —Highway Nylon	2455	Disc	5.25	R86
—On-Off Road Nylon	2455	Disc	5.25	R87*

α R82 for spare tire with 17.5 x 5.25 wheel.

*Rear only.

WIDE BASE TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
8.00-16.5/6PR —Highway Nylon	1730	Disc	6.00	R70
—On-Off Road Nylon	1730	Disc	6.00	RQ2*
8.00-16.5/8PR —Highway Nylon	2045	Disc	6.00	RP3
—On-Off Road Nylon	2045	Disc	6.00	RQ3*
8.00-16.5/10PR—Highway Nylon	2330	Disc	6.00	RP4
8.75-16.5/6PR —Highway Nylon	1990	Disc	6.75	RP5
8.75-16.5/8PR —Highway Nylon	2350	Disc	6.75	RP6
—On-Off Road Nylon	2350	Disc	6.75	RQ4*
9.50-16.5/6PR —Highway Nylon	2350	Disc	6.75	RP8
9.50-16.5/8PR —Highway Nylon	2780	Disc	6.75	RP9
—On-Off Road Nylon	2780	Disc	6.75	RQ5*

*Rear only

SERIES K20

GVW Ratings up to 7500 lb

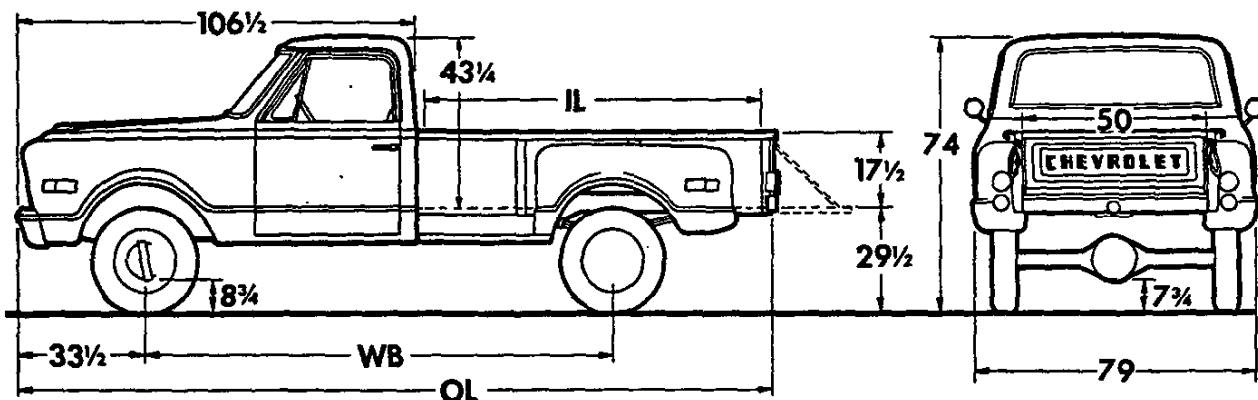
SERIES K20—STEPSIDE PICKUPS

Six-Cylinder Models

KS20904 Stepside Pickup

V8 Models

KE20904 Stepside Pickup



Models	→Dimensions (in)★			→Curb Weights (lb)			Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
KS20904	127	98	208	2432	1703	4135	3%	97%
KE20904				2565	1716	4281		

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

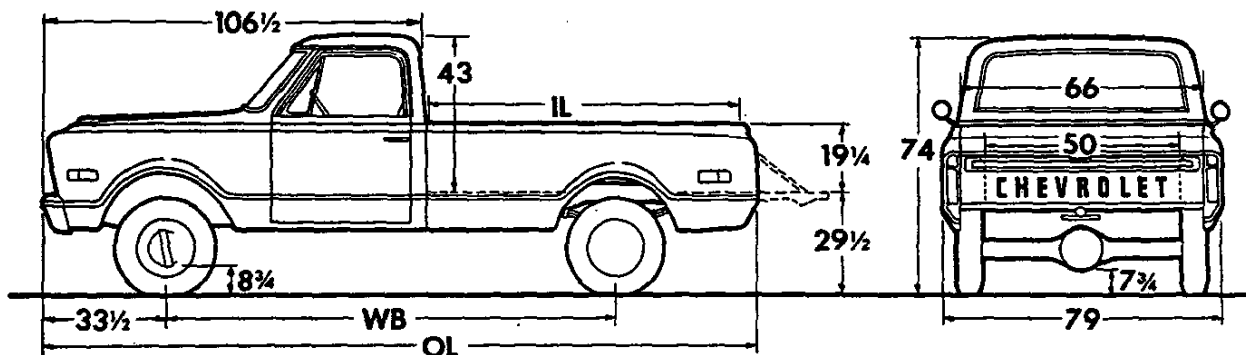
SERIES K20—FLEETSIDE PICKUPS

Six-Cylinder Models

KS20934 Fleetside Pickup

V8 Models

KE20934 Fleetside Pickup



Models	→Dimensions (in)★			→Curb Weights (lb)			Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
KS20934	127	98	208	2447	1783	4230	4%	96%
KE20934				2580	1796	4376		

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

SERIES K20

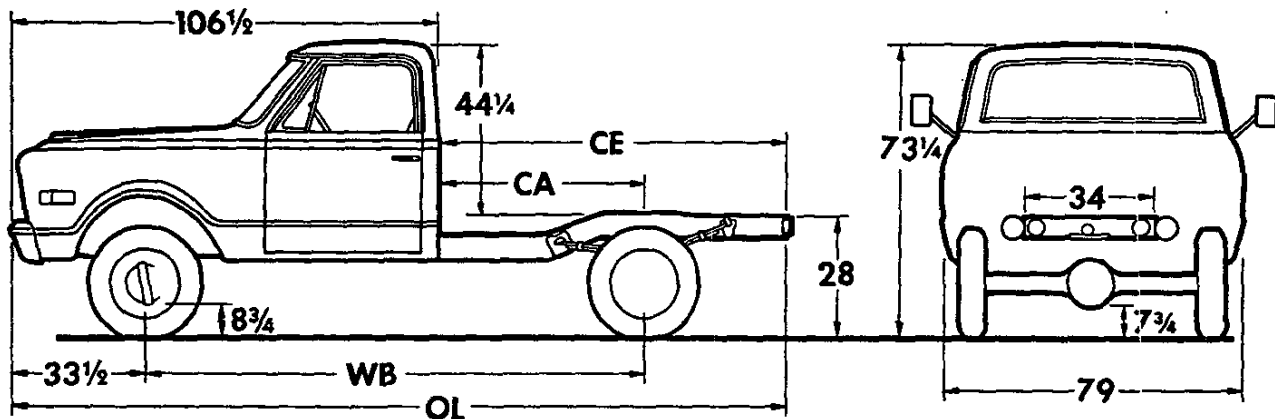
SERIES K20—CHASSIS-CABS

Six-Cylinder Models

KS20903 Chassis-Cab

V8 Models

KE20903 Chassis-Cab



Models	→Dimensions (in)★				→Curb Weights (lb)			→Body-Payload Wt. Dist.*		
	WB	CA	CE	OL	Front	Rear	Total	Body	Front	Rear
KS20903	127	54	95½	202	2442	1286	3728	7'	7%	93%
KE20903					2580	1294	3874	7½'	5	95
								8'	2	98

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

STANDARD EQUIPMENT

- Air Cleaner:** Oiled-paper element
- Axle, Front:** Hypoid; ratio 4.55; capacity 3500 lb; yoke and trunnion universal joints
- Axle, Rear:** Hypoid full-floating type; ratio 4.57; capacity 5200 lb
- Battery:** 12-volt, 54-plate; capacity 53 amp-hr
- Bodies:** See *Cabs, Bodies & Colors*
- Brakes, Service:** Hydraulic; self-adjusting; dual system
- Sizes: front 12" x 2"; rear 12" x 2"
- Effective area: drum 300 sq in; lining 185 sq in
- Brake, Parking:** Cable to rear wheels; area 92 sq in
- Bumper:** Front only, painted
- Cab:** Conventional; see *Cabs, Bodies & Colors*
- Carburetor:** KS20: single-barrel downdraft
KE20: two-barrel downdraft
- Clutch:** KS20: diameter 10"; area 100 sq in
KE20: diameter 11"; area 124 sq in
- Cooling:** KS20: 1¼" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
KE20: 1¼" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap
- Controls & Instruments:** Hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator
- Direction Signals:** Class A; two front and two rear. Includes freeway lane-change position on switch & integral hazard warning switch
- **Engine:** KS20: 250 Six; closed positive crankcase ventilation
- | | |
|--------------------------|----------------|
| Gross horsepower..... | 155 @ 4200 rpm |
| Net horsepower..... | 125 @ 3800 rpm |
| Gross torque, lb-ft..... | 235 @ 1600 rpm |
| Net torque, lb-ft..... | 215 @ 2000 rpm |
- KE20: 307 V8; closed positive crankcase ventilation
- | | |
|--------------------------|----------------|
| Gross horsepower..... | 200 @ 4600 rpm |
| Net horsepower..... | 157 @ 4000 rpm |
| Gross torque, lb-ft..... | 300 @ 2400 rpm |
| Net torque, lb-ft..... | 260 @ 2200 rpm |
- Exhaust System:** Single pipe & aluminized muffler
- **Filter, Fuel:** Wire mesh in fuel tank; paper filter in carburetor
- Filter, Oil:** KS20: full-flow; 1-quart; throwaway type
KE20: full-flow; 1-quart; replaceable element
- Frame:** 39,000-lb-test steel; section modulus 3.48
- Generator:** 37-amp Delcotron
- GVW Plate:** 7500 lb
- Heater & Defroster:** Deluxe-Air
- Lights & Reflectors:**
- 03 models: Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front side marker reflectors; two backup; one license; instrument panel & dome
- 04 & 34 models: Same as 03 models plus two rear side marker reflectors
- Mirror, Rearview:**
- 03 models: Exterior RH & LH 17¼" swinging arm
04 & 34 models: Exterior RH & LH 6¼" fixed arm
- Power Divider:** Timken T-221 2-speed; ratios 1.94 & 1.00; power take-off opening at rear
- Seat:** Full-width
- Seat Belts:** Driver & passenger; includes retractors
- Shock Absorbers:** Front & rear; piston diameter 1"
- Springs, Front:** Tapered-leaf; capacity 1600 lb each
- Springs, Rear:** Tapered-leaf; capacity 1900 lb each
- Steering:** Ball-gear, ratio 24:1; wheel dia 16½"
- Tank, Fuel:** Back of seat in cab; capacity approx 21 gallons
- Tires:** Four tubeless 7-17.5/6PR nylon front, single rear
- **Tools:** 4000-lb mechanical jack; wheel wrench
- Transmission:** 3-speed synchromesh; steering column gearshift; ratios 2.94, 1.68, 1.00, 3.14 (rev)
- Wheels:** Five 17.5" x 5.25"; attachment 8 studs on 6½" circle; spare carrier under frame
- Windshield Wipers & Washer:** Electric; 2-speed

→GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
5700	Standard
6400	2500-lb rear springs
7200	2500-lb rear springs
7500♦	2500-lb rear springs

- ♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment and Tire & Wheel Combination* pages.

SERIES K20

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for availability.

→ Engine:

292 Six (KS20 models only); includes 11" clutch. L25
 Gross horsepower.....170 @ 4000 rpm
 Net horsepower.....153 @ 3600 rpm
 Gross torque, lb-ft.....275 @ 1600 rpm
 Net torque, lb-ft.....255 @ 2400 rpm

327 V8 (KE20 models only); includes automatic
 choke & 12" clutch.....L30
 Gross horsepower.....240 @ 4400 rpm

Net horsepower.....187 @ 4000 rpm
 Gross torque, lb-ft.....330 @ 3000 rpm
 Net torque, lb-ft.....290 @ 2400 rpm

Transmission:

Chevrolet CH465 4-speed; includes 11"
 clutch.....M20

Axle, HD Front.....F49

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

Air Cleaner: Oil-bath; capacity 1 quart.....K48

→ **Air Cleaner, Heavy-Duty:** Includes oil-bath
 pre-cleaner; not available with 327 engine....K46

Air Conditioning, All-Weather: Includes HD
 radiator, battery & 42-amp generator.....C60

→ **Armrests:** Chassis-cab & pickup models with
 standard seat only
 RH & LH.....D14

→ Battery:

Auxiliary; for use with camper body installa-
 tions to provide auxiliary electrical supply....TP2

Heavy-duty; 70-amp-hr; included with HD
 starter motor.....T60

Belts, Seat: Installed for center third passenger.
 Not available with bucket seats.....AM3

Brakes, Vacuum Power: Includes dual ele-
 ment air cleaner on KS20 models.....J70

→ Bumper:

Painted rear; with std painted front bumper
 only (pickups only).....V38

Painted step-type rear (pickups only).....V43

Chrome front; included with Custom Sport
 Truck Option.....V371

Chrome rear (pickups only); with Custom
 Sport Truck Option only.....V372

Chrome front & rear (pickups only); not
 available with Custom Sport Truck Option...V371/V372

Carrier, Spare Wheel:

Pickups only; side mounted.....P13

Clutch: Dia 11"; for 250 engine with std trans-
 mission only.....M01

Cooling: Not available with air conditioning

HD radiator only.....V01

HD radiator & extra-HD cooling equip-
ment.....V05

Custom Camper Nameplate: See page 6 of
 Recreational Vehicles section for minimum
 requirements.....Z81

Custom Comfort & Appearance Option:

Includes full-depth foam seat with color-keyed
 abric/vinyl trim; embossed vinyl door trim
 panels with bright upper retainers; RH & LH full-
 depth armrests; parking brake ratchet cover;
 cigar lighter; "Chevrolet" nameplate for dispatch
 box door; cowl insulation; full underbody
 sprayed mastic coating; bright metal windshield
 moldings, ventipane frames, rear window mold-
 ing, control knob inserts, "Custom" emblems.
 Not available when Custom Sport Truck Option
 or bucket seats are ordered.....Z62

→ **Custom Side Molding:** Includes pickup box
 moldings when ordered on Fleetside pickups only B98

→ **Custom Sport Truck Option:** Includes full-
 depth foam seat with color-keyed deluxe two-
 tone all-vinyl trim; color-keyed carpeting; em-
 bossed vinyl door trim panels with bright upper
 retainers; RH & LH full-depth armrests; parking
 brake ratchet cover; cigar lighter; "Chevrolet"
 nameplate for dispatch box door; cowl insula-
 tion; full underbody sprayed mastic coating;
 chrome front bumper; bright metal windshield
 moldings, ventipane frames, rear window mold-
 ing, control knob inserts, "CST" emblems, pedal
 trim. Not available when Custom Comfort &
 Appearance option is ordered.....Z84

Filter, Fuel.....K28

Floor, Pickup Box: Wood with steel skid strips.
 Fleetside pickups only.....E81

Gauges:

Ammeter, engine temperature & oil pressure.. Z53

Tachometer, ammeter, engine temperature &
 oil pressure.....U16

→ Generator, Alternating Current:

12-42-amp Delcotron; included with air con-
 ditioning.....K79

5-61-amp Delcotron.....K76

23-62-amp Delcotron.....K81

Glass, Soft-Ray:

Windshield only.....A112

All windows.....A111

→ **Governor:** Includes dual element air cleaner on
 KS20 models

250 engine: 1800-3000 rpm (low rpm setting). K371

2800-4000 rpm (high rpm setting) K372

292 engine: 2100-3000 rpm (low rpm setting). K371

2800-3900 rpm (high rpm setting) K372

307 engine: 2300-3100 rpm (low rpm setting). K371

2800-4100 rpm (high rpm setting) K372

Guards, Door Edge.....B93

→ **Harness, Camper Body Electric**.....UY1

Harness, Shoulder: Driver & passenger.....A85

Heater & Defroster Deletion: Not available
 with air conditioning.....C48

Hooks, Towing: Two front; not available with
 chrome bumper.....V76

Hubs, Free-Wheeling Front: Manual control
 at hubs.....F76

Lamps, Marker: Five.....U01

Lock: Side wheel carrier; pickup models only.. A97

OTHER OPTIONAL EQUIPMENT (Continued)

→ Mirrors, Rearview:

RH & LH; 6¼" fixed arm (chassis-cabs).....	D323
RH & LH; 17¼" swinging arm (pickups).....	D325
<i>West Coast Jr. type (6" x 11")</i>	
RH & LH.....	D29
<i>West Coast Sr. type (7" x 16")</i>	
RH & LH.....	D30
Inside prismatic non-glare shatterproof (pick-ups).....	D36

Paint, Exterior: See *Cabs, Bodies & Colors* section

→ **Power Outlet Box:** Six circuits..... U98

→ **Radio:** Pushbutton control..... U63

→ **Seat:** Not available with Custom Comfort & Appearance Option

Bucket; driver & passenger; includes carpeting, RH & LH armrests and center console... A50
Full-depth foam; not available with Custom Sport Truck Option; includes RH & LH armrests..... Z52

→ Shock Absorbers, HD:

Rear only..... G68

Speed Warning Indicator..... U15

Springs, HD:

Front; capacity 1750 lb each..... F60
 Rear; capacity 2500 lb each..... G50

Starter Motor, Heavy-Duty: Includes HD battery..... K67

→ **Stripes, Body Side Paint**..... D89

Throttle Control: Manual..... K31

SERIES K20

→TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
7.00-16/6PR—Highway Nylon	1800	Disc	6.00	R78
—On-Off Road Nylon	1800	Disc	6.00	R71
7.00-17/6PR—Highway Nylon	1980	Disc	6.00	R72
7.50-16/6PR—Highway Nylon	2060	Disc	6.00	R67
7.50-16/8PR—Highway Nylon	2440	Disc	6.00	R68
7.00-17/8PR—Highway Nylon	2350	Disc	6.00	R73
—On-Off Road Nylon	2350	Disc	6.00	R74
7.50-17/8PR—Highway Nylon	2780	Disc	6.00	R75a
—On-Off Road Nylon	2780	Disc	6.00	R76a

a—Heavy-duty front axle required.

TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
7-17.5/6PR—Highway Nylon	1815	Disc	5.25	Std*
—On-Off Road Nylon	1815	Disc	5.25	R81
8-17.5/6PR—Highway Nylon	2075	Disc	5.25	R85
—On-Off Road Nylon	2075	Disc	5.25	R84
8-17.5/8PR—Highway Nylon	2455	Disc	5.25	R86
—On-Off Road Nylon	2455	Disc	5.25	R87
8-19.5/6PR—Highway Nylon	2380	Disc	5.25	R95b
8-19.5/8PR—Highway Nylon	2780	Disc	5.25	R98b
—On-Off Road Nylon	2780	Disc	5.25	R97b

*R82 for spare tire with 17.5 x 5.25 wheel.

b—Heavy-duty front axle required.

WIDE BASE TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
8.00-16.5/6PR —Highway Nylon	1730	Disc	6.00	R60
—On-Off Road Nylon	1730	Disc	6.00	RQ2
8.00-16.5/8PR —Highway Nylon	2045	Disc	6.00	RP3
—On-Off Road Nylon	2045	Disc	6.00	RQ3
8.00-16.5/10PR—Highway Nylon	2330	Disc	6.00	RP4
8.75-16.5/6PR —Highway Nylon	1990	Disc	6.75	RP5
8.75-16.5/8PR —Highway Nylon	2350	Disc	6.75	RP6
—On-Off Road Nylon	2350	Disc	6.75	RQ4
9.50-16.5/6PR —Highway Nylon	2350	Disc	6.75	RP8
9.50-16.5/8PR —Highway Nylon	2780	Disc	6.75	RP9
—On-Off Road Nylon	2780	Disc	6.75	RQ5

FLOTATION-TYPE TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
10.00-16.5/6PR—Highway Nylon	2330	Disc	8.25	R79

SERIES K20 PANELS & SUBURBAN CARRYALLS

GVW Ratings up to 7500 lb

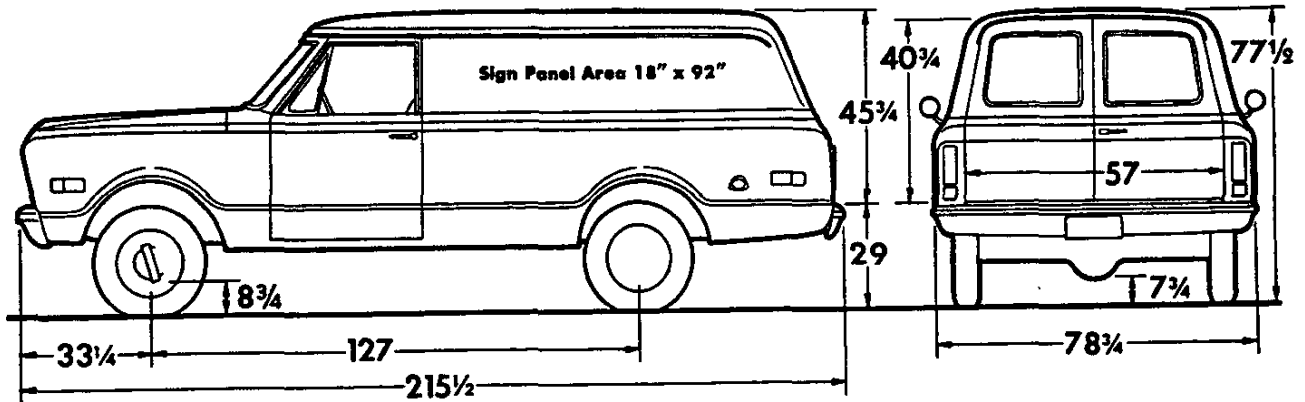
SERIES K20—PANELS

Six-Cylinder Models

KS20905 Panel

V8 Models

KE20905 Panel



Models	Dimensions (in)★		→ Curb Weights (lb)			→ Payload Wt. Dist.*	
	WB	OL	Front	Rear	Total	Front	Rear
KS20905 KE20905	127	215½	2204 2338	2123 2148	4327 4486	7%	93%

★Dimensions with std equipment, unloaded. *Estimate based on water-level loading.

SERIES K20—SUBURBAN CARRYALLS*

Six-Cylinder Models

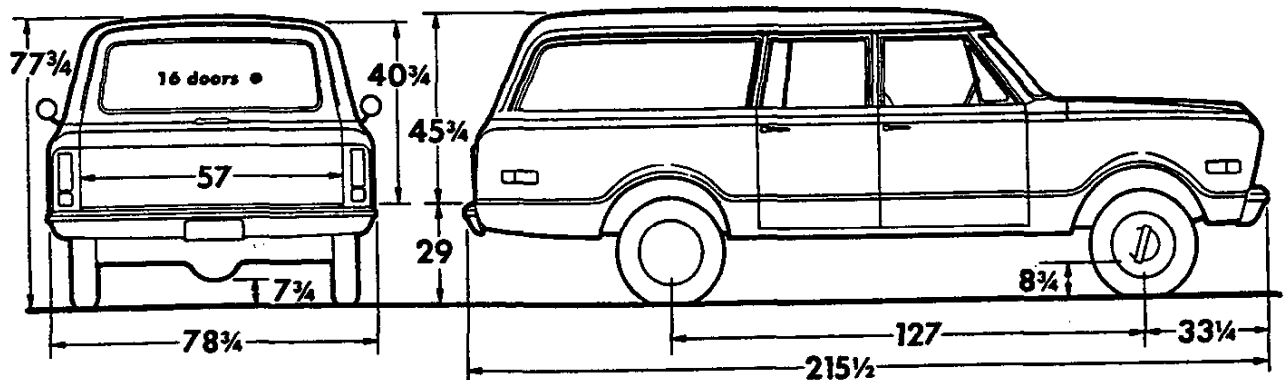
KS20906 Suburban Carryall

KS20916 Suburban Carryall

V8 Models

KE20906 Suburban Carryall

KE20916 Suburban Carryall



Models	Dimensions (in)★		→ Curb Weights (lb)		
	WB	OL	Front	Rear	Total
KS20906 KE20906	127	215½	2212 2342	2294 2318	4506 4660
KS20916 KE20916	127	215½	2212 2342	2297 2321	4509 4663

★ Dimensions with std equipment, unloaded.

● Illustration shows 16 model rear end/lift gate. See 05 model illustration above for 06 model rear doors.

SERIES K20 PANELS & SUBURBAN CARRYALLS

STANDARD EQUIPMENT

- Air Cleaner:** Oiled-paper element
- Axle, Front:** Hypoid; ratio 4.55; capacity 3500 lb; yoke and trunnion universal joints
- Axle, Rear:** Hypoid full-floating type; ratio 4.57; capacity 5200 lb
- Battery:** 12-volt, 54-plate; capacity 53 amp-hr
- Bodies:** See *Cabs, Bodies & Colors*
- Brakes, Service:** Hydraulic; self-adjusting; dual system
- Sizes: front 12" x 2"; rear 12" x 2"
- Effective area: drum 300 sq in; lining 185 sq in
- Brake, Parking:** Cable to rear wheels; area 92 sq in
- Bumpers:** Front & rear, painted
- Carburetor:** KS20: single-barrel downdraft
KE20: two-barrel downdraft
- Clutch:** KS20: diameter 10"; area 100 sq in
KE20: diameter 11"; area 124 sq in
- Cooling:** KS20: 1 1/4" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
KE20: 1 1/4" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap
- Controls & Instruments:** Hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator
- Direction Signals:** Class A; two front and two rear. Includes freeway lane-change position on switch & integral hazard warning switch
- Doors, Rear:**
05 & 06 models: Two; side-hinged
16 models: End/lift gate
- Doors, Side:**
05 models: Two; one right & one left
06 & 16 models: Three; two right & one left
- *Engine:** KS20: 250 Six; closed positive crankcase ventilation
Gross horsepower.....155 @ 4200 rpm
Net horsepower.....120 @ 3800 rpm
Gross torque, lb-ft.....235 @ 1600 rpm
Net torque, lb-ft.....210 @ 2000 rpm
KE20: 307 V8; closed positive crankcase ventilation
Gross horsepower.....200 @ 4600 rpm
Net horsepower.....150 @ 4000 rpm
Gross torque, lb-ft.....300 @ 2400 rpm
Net torque, lb-ft.....255 @ 2000 rpm
- Exhaust Emission Control Equipment:** 06 & 16 models only; See *Engine & Clutch* section for types used
- Exhaust System:** Single pipe & aluminized muffler
- Filter, Fuel:** Wire mesh in fuel tank; paper filter in carburetor
- Filter, Oil:** KS20: full-flow; 1-quart; throwaway type
KE20: full-flow; 1-quart; replaceable element
- Frame:** 39,000-lb-test steel; section modulus 3.48
- Generator:** 37-amp Delcotron
- GVW Plate:** 7500 lb
- Heater & Defroster:** Deluxe-Air
- Lights & Reflectors:** Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front & two rear side marker reflectors; two backup; one license; instrument panel & dome
- Mirror, Rearview:**
05 models: Exterior RH & LH 6 1/4" fixed arm
06 & 16 models: Exterior RH & LH 6 1/4" fixed arm and inside prismatic non-glare shatterproof
- Power Divider:** Timken T-221 2-speed; ratios 1.94 & 1.00; power take-off opening at rear
- Seat:** 05 models: Driver only; vinyl trim
06 & 16 models: Full-width bench; front only; vinyl trim
- Seat Belts:** Includes retractors
05 models: Driver only
06 & 16 models: Driver & passenger
- Shock Absorbers:** Front & rear; piston diameter 1"
- Springs, Front:** Tapered-leaf; capacity 1600 lb each
- Springs, Rear:** Tapered-leaf; capacity 1900 lb each
- Steering:** Ball-gear, ratio 24:1; wheel dia 16 1/2"
- Tank, Fuel:** Inside frame at rear; capacity approx 23.5 gal
- Tires:** Four tubeless 7-17.5/6PR nylon front, single rear
- Tools:** 4000-lb mechanical jack; wheel wrench
- Transmission:** 3-speed synchromesh; steering column gearshift; ratios 2.94, 1.68, 1.00, 3.14 (rev)
- Wheels:** Five 17.5" x 5.25"; attachment, 8 studs on 6 1/2" circle; spare carrier inside RH cargo area
- Windshield Wipers & Washer:** Electric; 2-speed

→GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
5700	Standard
6400	2500-lb rear springs
7200	2500-lb rear springs
7500♦	2500-lb rear springs

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment* and *Tire & Wheel Combination* pages.

*Ratings shown with exhaust emission controls. (Standard on 06 & 16 models only)

→ Indicates change

SERIES K20 PANELS & SUBURBAN CARRYALLS

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 23 for availability.

➤ Engine:		Gross horsepower.....	240 @ 4400 rpm
292 Six (KS20 models only); includes 11" clutch... L25		Net horsepower.....	180 @ 4000 rpm
Gross horsepower.....	170 @ 4000 rpm	Gross torque, lb-ft.....	330 @ 3000 rpm
Net horsepower.....	135 @ 3600 rpm	Net torque, lb-ft.....	285 @ 2400 rpm
Gross torque, lb-ft.....	275 @ 1600 rpm	Transmission:	
Net torque, lb-ft.....	240 @ 1800 rpm	Chevrolet CH 465 4-speed; includes	
327 V8 (KE20 models only); includes automatic		11" clutch.....	
choke & 12" clutch..... L30		M20	
		Axle, HD Front.....	
		F49	

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

Air Cleaner: Oil-bath; capacity 1 quart..... K48		250 engine: 1800-3000 rpm (low rpm setting).....	K371
➤ Air Cleaner, Heavy-Duty: Includes oil-bath pre-cleaner; not available with 327 engine.... K46		2800-4000 rpm (high rpm setting).....	K372
➤ Armrests: Available with standard seats only		292 engine: 2100-3000 rpm (low rpm setting).....	K371
LH only (05 models with standard vinyl driver seat only).....	D14	2800-3900 rpm (high rpm setting).....	K372
RH & LH (05 models with standard driver seat & optional passenger seat or 06 & 16 models with standard full-width bench seat only)....	D14	307 engine: 2300-3100 rpm (low rpm setting).....	K371
Battery: Heavy-duty; 70-amp-hr; included with HD starter motor.....		2800-4100 rpm (high rpm setting).....	K372
Belts, Seat: 06 & 16 models only; installed for center third passenger		Guards, Door Edge.....	
Front seat; not available with bucket seats... AM3		Harness, Shoulder:	
Center seat..... A68		05 models:	
Center & rear seats..... A68		Driver only.....	
Brakes, Vacuum Power: Includes dual element air cleaner on KS20 models.....		Driver & passenger (requires auxiliary seat)...	
Bumpers, Chrome: Front & rear..... V371/372		06 & 16 models:	
Clutch: Diameter 11"; for 250 engine with 3-speed transmission only..... M01		Driver & passenger.....	
Cooling:		Center seat (2 belts).....	
HD radiator only..... V01		Center seat (1 belt) & rear seat (2 belts)....	
➤ Custom Comfort & Appearance Option:		Heater & Defroster Deletion: 05 models only	
05 models: Includes LH full-depth armrest; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; underbody coating; bright metal windshield moldings, ventipane frames, control knob inserts, "Custom" emblems.....	Z62	Hooks, Towing: Two, front. Not available with chrome bumper.....	
06 & 16 models: Includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door & sidewall trim panels with bright upper retainers, RH & LH full-depth armrests; white hardboard headlining with bright metal roof bow trim strips; black vinyl spare tire cover; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; underbody coating; bright metal windshield moldings, ventipane frames, control knob inserts, "Custom" emblems.....	Z62	Hubs, Free-Wheeling Front: Manual control at hubs.....	
Custom Side Molding.....		Lamps, Marker: Five.....	
Filter, Fuel.....		➤ Mirrors, Rearview	
Gauges:		RH & LH; 17 1/4" swinging arm (05 models only).....	
Ammeter, engine temperature & oil pressure.....	Z53	West Coast Jr. type (6" x 11").....	
Tachometer, ammeter, engine temperature & oil pressure.....	U16	RH & LH.....	
Generator, Alternating Current:		West Coast Sr. type (7" x 16").....	
12-42-amp Delcotron.....	K79	RH & LH (05 models only).....	
5-61-amp Delcotron.....	K76	Paint, Exterior: See Cabs, Bodies & Colors section	
23-62-amp Delcotron.....	K81	Radio: Pushbutton control.....	
Glass, Soft-Ray:		➤ Seats, Front: Includes seat belts with retractors	
Windshield only.....	A112	05 models:	
All windows.....	A111	Passenger seat; includes RH sunshade & seat belt; not available with HD driver seat.....	
➤ Governor: Includes dual element air cleaner on KS20 models		HD driver seat; includes LH armrest.....	
		HD driver & passenger seats; includes RH & LH armrests, RH sunshade & seat belt.....	
		06 & 16 models:	
		Custom deluxe bench seat; includes RH & LH armrests and carpeting.....	
		Bucket seats; includes RH & LH armrests, carpeting & center console.....	
		➤ Seats, Center & Rear:	
		06 & 16 models: Seat trim matches front seats whether standard or optional. Includes RH & LH armrests and seat belts	
		Center seat.....	
		Center & rear seats.....	
		➤ Shock Absorbers, HD:	
		Rear only.....	
		Speed Warning Indicator.....	
		Springs, HD:	
		Front; capacity 1750 lb each.....	
		Rear; capacity 2500 lb each.....	
		Starter Motor, HD: Includes HD battery.....	
		Throttle Control: Manual (05 models only)....	

SERIES K20 PANELS & SUBURBAN CARRYALLS

➔ TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
7.00-16/6PR —Highway Nylon	1800	Disc	6.00	R78
—On-Off Road Nylon	1800	Disc	6.00	R71
7.50-16/6PR —Highway Nylon	2060	Disc	6.00	R67★
7.50-16/8PR —Highway Nylon	2440	Disc	6.00	R68★

★ Panel models only

TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
7-17.5/6PR —Highway Nylon	1815	Disc	5.25	Std ^a
—On-Off Road Nylon	1815	Disc	5.25	R81
8-17.5/6PR —Highway Nylon	2075	Disc	5.25	R85
—On-Off Road Nylon	2075	Disc	5.25	R84
8-17.5/8PR —Highway Nylon	2455	Disc	5.25	R86
—On-Off Road Nylon	2455	Disc	5.25	R87

^a R82 for spare tire with 17.5 x 5.25 wheel.

WIDE BASE TUBELESS TIRES	Max. Tire Cap.	Type of Wheel	Rim Width	Opt. No.
8.00-16.5/6PR —Highway Nylon	1730	Disc	6.00	R70
—On-Off Road Nylon	1730	Disc	6.00	RQ2
8.00-16.5/8PR —Highway Nylon	2045	Disc	6.00	RP3
—On-Off Road Nylon	2045	Disc	6.00	RQ3
8.00-16.5/10PR—Highway Nylon	2330	Disc	6.00	RP4
8.75-16.5/6PR —Highway Nylon	1990	Disc	6.75	RP5
8.75-16.5/8PR —Highway Nylon	2350	Disc	6.75	RP6
—On-Off Road Nylon	2350	Disc	6.75	RQ4
9.50-16.5/6PR —Highway Nylon	2350	Disc	6.75	RP8
9.50-16.5/8PR —Highway Nylon	2780	Disc	6.75	RP9
—On-Off Road Nylon	2780	Disc	6.75	RQ5

➔ Indicates change

SERIES 20 POWER TEAMS

SERIES C20

ENGINE	TRANSMISSION	AXLE RATIOS	
		STD	OPT
250 Six 292 Six	3-Speed	4.57*	4.10**
	Chevrolet CH465 4-Speed	4.57*	4.10**
	New Process 435CR 4-Speed	4.57*	4.10**
	Powerglide	4.57*	4.10**
	Turbo Hydra-Matic	4.57*	4.10**
307 V8 327 V8	3-Speed	4.57*	4.10**
	Chevrolet CH465 4-Speed	4.57*	4.10**
	New Process 435CR 4-Speed	4.57*	4.10**
	Powerglide	4.57*	4.10**
	Turbo Hydra-Matic	4.57*	4.10**
396 V8	Warner T16D 3-Speed	3.54★	—
	Chevrolet CH465 4-Speed	3.54★	—
	New Process 435CR 4-Speed	3.54★	—
	Turbo Hydra-Matic	3.54★	—

*4.56 ratio Dana rear axle used with optional leaf spring rear suspension

**4.10 ratio Dana rear axle used with optional leaf spring rear suspension

★Dana rear axle used with 396 V8

SERIES K20

ENGINE	TRANSMISSION	AXLE RATIOS	
		STD	OPT
250 Six	3-Speed	4.57	—
292 Six	Chevrolet CH465 4-Speed	4.57	—
307 V8	3-Speed	4.57	—
327 V8	Chevrolet CH465 4-Speed	4.57	—

4

5

6

7

SERIES C30

GVW Ratings up to 14,000 lb

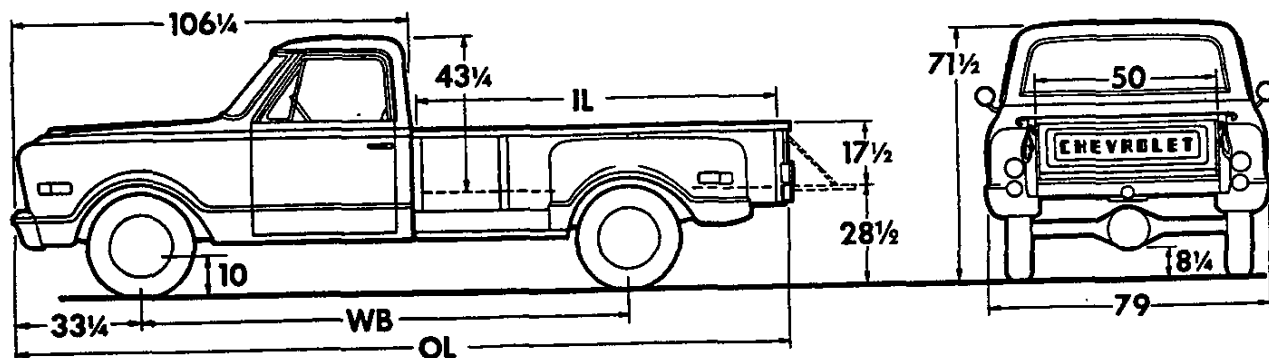
SERIES C30—STEPSIDE PICKUPS

Six-Cylinder Models

CS31004 Stepside Pickup

V8 Models

CE31004 Stepside Pickup



Models	Dimensions (in)★			→Curb Weights (lb)			Body-Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
CS31004	133	108 1/4	217 1/4	2329	1828	4157	3%	97%
CE31004				2442	1835	4277		

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

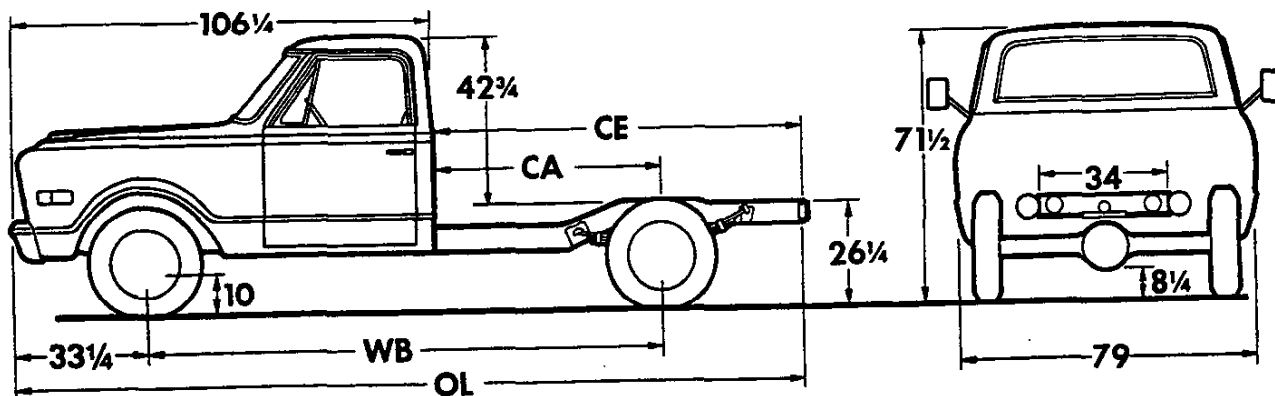
SERIES C30—CHASSIS-CABS

Six-Cylinder Models

CS31003 Chassis-Cab
CS31403 Chassis-Cab

V8 Models

CE31003 Chassis-Cab
CE31403 Chassis-Cab



Models	→Dimensions (in)★				→Curb Weights (lb)			→Body-Payload Wt. Dist.* (% front—% rear)		
	WB	CA	CE	OL	Front	Rear	Total	Body	CS31003 CE31003	CS31403 CE31403
CS31003	133	60	107	213 1/4	2332	1386	3718	7 1/2'	9-81	—
CE31003					2449	1389	3838	8'	7-93	—
								8 1/2'	5-95	—
								9'	2-98	—
								9 1/2'	—	15-85
CS31403	157	84	131	237 1/4	2348	1522	3870	10'	—	13-87
CE31403					2464	1526	3990	11'	—	10-90
								12'	—	6-94
								13'	—	2-98

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

SERIES C30

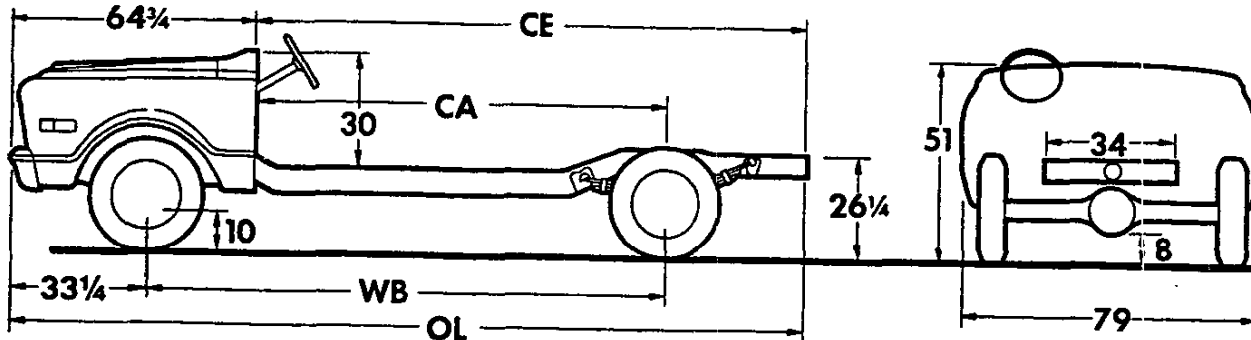
SERIES C30—COWLS

Six-Cylinder Models

CS31002 Chassis-Cowl

V8 Models

CE31002 Chassis-Cowl



Models	→Dimensions (in)★				→Curb Weights (lb)			Body-Payload Wt. Dist.	
	WB	CA	CE	OL	Front	Rear	Total	Front	Rear
CS31002	133	101 1/2	148 1/2	213 1/4	1972	1105	3077	Determined by style, length & weight of body	
CE31002					2086	1111	3197		

★Dimensions with std equipment, unloaded.

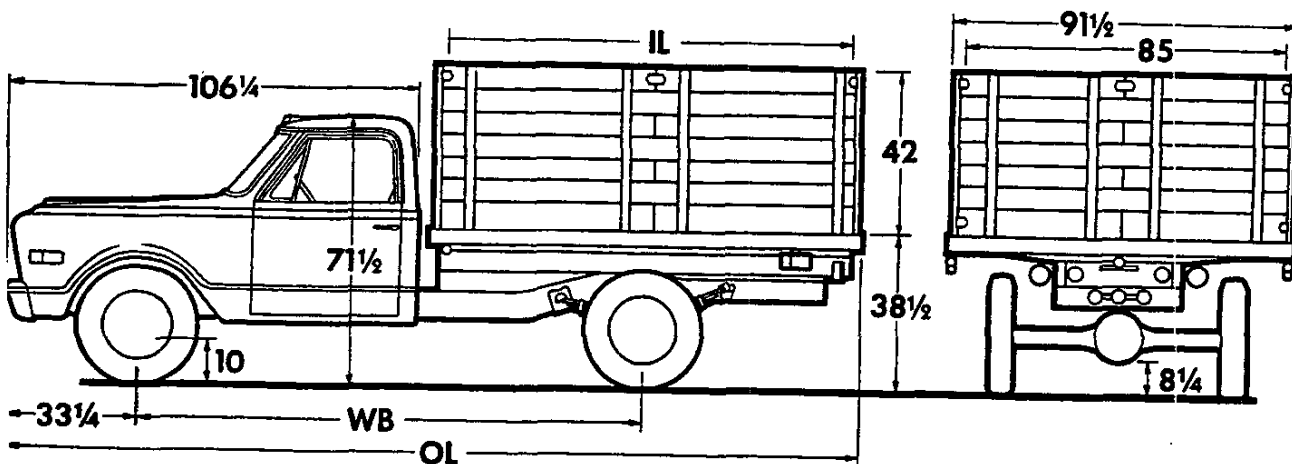
SERIES C30—STAKES

Six-Cylinder Models

CS31009 Stake

V8 Models

CE31009 Stake



Models	Dimensions (in)★			→Curb Weights (lb)			Body-Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
CS31009	133	109	223 1/4	2374	2177	4551	2%	98%
CE31009				2487	2185	4672		

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

STANDARD EQUIPMENT

Air Cleaner: Oiled-paper element

Axle, Rear: Hypoid full-floating type; ratio 4.57; capacity 7200 lb

Battery: 12-volt, 54-plate; capacity 53 amp-hr

Body: See *Cabs, Bodies & Colors*

Brakes, Service: Hydraulic; self-adjusting; dual system
 Sizes: front 11" x 2 3/4"; rear 13" x 2 1/2"
 Effective area: drum 395 sq in; lining 252 sq in

Brake, Parking: Cable to rear wheels: area 132 sq in

Bumper: Front, painted

Cab: See *Cabs, Bodies & Colors*

Carburetor: CS30: single-barrel downdraft
 CE30: two-barrel downdraft

Clutch: Diameter 11"; area 124 sq in

Cooling: CS30: 1 1/4" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
 CE30: 1 1/4" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap

Controls & Instruments: 03, 04, 09, 12 models—hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator.

02 models—hand choke; light switch; headlight beam control; speedometer; odometer; high beam indicator light; fuel gauge; ammeter; oil pressure & engine temperature gauges; brake warning light

Direction Signals: Class A; two front and two rear; two front & switch only on 02 models. Includes freeway lane-change position on switch & integral hazard warning switch

→ **Engine:** CS30: 250 Six; closed positive crankcase ventilation

Gross horsepower.....	155 @ 4200 rpm
Net horsepower.....	125 @ 3800 rpm
Gross torque, lb-ft.....	235 @ 1600 rpm
Net torque, lb-ft.....	215 @ 2000 rpm

CE30: 307 V8; closed positive crankcase ventilation

Gross horsepower.....	200 @ 4600 rpm
Net horsepower.....	157 @ 4000 rpm
Gross torque, lb-ft.....	300 @ 2400 rpm
Net torque, lb-ft.....	260 @ 2200 rpm

Exhaust System: Single pipe & aluminized muffler

→ **Filter, Fuel:** Wire mesh in fuel tank; paper filter in carburetor

Filter, Oil: CS30: full-flow; 1-quart; throwaway type
 CE30: full-flow; 1-quart; replaceable element

Frame: 39,000-lb-test steel, section modulus 5.05 (CS-CE310 models); 7.29 (CS-CE314 models)

Generator: 37-amp Delcotron (all except 09 models)
 42-amp Delcotron (09 models)

GVW Plate: 10,000 lb

Heater & Defroster: Deluxe-Air (except cowl)

Lights & Reflectors:

03 models: Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front side marker reflectors; two backup; one license; instrument panel & dome

04 models: Same as 03 models plus two rear side marker reflectors

09 models: Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front side marker lamps; two rear side marker lamps; two backup; one license; five cab marker & clearance; three rear identification & two rear clearance lamps; instrument panel & dome

02 models: Two headlights; two Class A front combination parking/direction signals; one rear combination tail/stop (shipping purposes only); two front side marker reflectors; wiring only for backup, stop & rear direction signals; instrument panel

Mirror, Rearview:

02 models: None

03 & 09 models: Exterior RH & LH 17 1/4" swinging arm

04 models: Exterior RH & LH 6 1/4" fixed arm

Seat: Full-width (except Cowl models)

Seat Belts: Driver & passenger (except Cowl models); includes retractors

Shock Absorbers: Front; piston diameter 1"

Springs, Front: Coil; capacity 1500 lb each

Springs, Rear: Leaf; capacity 2400 lb each

Steering: Ball-gear, ratio 24:1; wheel dia 16 1/2"

Suspension, Front: Independent; capacity 3500 lb

Tank, Fuel:

02—outside frame on left; capacity approx 21 gal
 03-04-09—back of seat in cab; capacity approx 21 gal

Tires: Tubeless; two 8-17.5/6PR nylon front; two 8-17.5/8PR nylon single rear

Tools: 4000-lb mechanical jack when single rear wheels are used; wheel wrench. Jack not included on Cowl models

Transmission: Chevrolet CH465 4-speed; ratios 6.55, 3.58, 1.70, 1.00, 6.09 (rev); power take-off openings on both sides

Wheels: Five 17.5" x 5.25"; attachment, 8 studs or 6 1/2" circle; spare carrier under frame and 4 painted hubcaps when single rear wheels are used; spare carrier not included on Cowl models

Windshield Wipers & Washer: Electric; 2-speed wipers; not included on 02 models

SERIES C30

GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
6700	Standard
7800★	3100-lb rear springs
9000■	Main & auxiliary type rear springs—capacity 4150 lb; dual rear wheels & tires
10,000◆■	1750-lb front springs; main & auxiliary type rear springs—capacity 4150 lb; dual rear wheels & tires
14,000■*	11,000-lb rear axle

◆ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

■ Not available on Pickup

★ Rating on optional GVW plate

Note: Be sure to recommend adequate springs and tires for total axle loads. See Optional Equipment and Tire & Wheel Combination pages.

OPTIONAL POWER TEAMS & AXLES

See Power Teams Chart on Page 7 for availability.

→ Engine:

292 Six (CS30 models only).....	L25
Gross horsepower.....	170 @ 4000 rpm
Net horsepower.....	153 @ 3600 rpm
Gross torque, lb-ft.....	275 @ 1600 rpm
Net torque, lb-ft.....	255 @ 2400 rpm
327 V8 (CE30 models only); includes automatic choke & 12" clutch.....	L30
Gross horsepower.....	240 @ 4400 rpm
Net horsepower.....	187 @ 4000 rpm
Gross torque, lb-ft.....	330 @ 3000 rpm
Net torque, lb-ft.....	290 @ 2400 rpm
396 V8 Two-Barrel (CE30 models only); includes manual choke, 12" clutch, single exhaust & 4.10 rear axle ratio.....	L66
Gross horsepower.....	275 @ 4400 rpm
Net horsepower.....	197 @ 4000 rpm
Gross torque, lb-ft.....	390 @ 2800 rpm
Net torque, lb-ft.....	335 @ 2400 rpm
396 V8 Four-Barrel (CE30 models only); includes automatic choke, 12" clutch, dual exhausts & 4.10 rear axle ratio.....	L47

Gross horsepower.....	310 @ 4800 rpm
Net horsepower.....	242 @ 4000 rpm
Gross torque, lb-ft.....	400 @ 3200 rpm
Net torque, lb-ft.....	350 @ 3000 rpm

Transmission:

Turbo Hydra-Matic; includes HD radiator... M49
New Process 435CR 4-speed close-ratio... M28

→ Axle, Rear:

Chevrolet; capacity 7200 lb; ratio 4.10; not available with 396 engine or dual rear tires HB8
Chevrolet; capacity 7200 lb; ratio 4.57; not available with 396 engine or single rear tires H20
Chevrolet; capacity 11,000 lb; ratio 6.17.
Includes HD front & rear shock absorbers; 2000 lb each front springs; 5900 lb each main & auxiliary type rear springs; 15" x 4" rear brakes; drum-type parking brake. Available only with standard transmission, power brakes, HD radiator & 8-19.5 or 7.00-18/8PR tires H22
NoSPIN; not available with 11,000-lb rear axle G86

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

- **Air Cleaner:** Oil-bath; capacity 1 quart; not available with 396 engine..... K48
- **Air Cleaner, Heavy-Duty:** Includes oil-bath pre-cleaner; not available with 327 or 396 engine or on cowl models..... K46
- **Air Conditioning, All-Weather:** Not available on cowl. Includes HD radiator, battery & 42-amp generator (61 amp on 09 models).... C60
- **Armrests:** Not available on cowl models; available with standard seat only RH & LH... D14
- **Battery**
 - Auxiliary; chassis-cab models only. For use with camper body installations to provide auxiliary electrical supply..... TP2
 - Heavy-duty; 70-amp-hr; included with HD starter or air conditioning..... T60

Conventional Gasoline—30: Page 4

Belts, Seat: Not available on 02 models or with bucket seats. Installed for center third passenger..... AM3

Brakes, Vacuum Power: Includes dual element air cleaner on CS30 models..... J70

→ Bumper:

Painted rear; with std painted front bumper only (pickups only)..... V38
Painted step-type rear (pickups only).... V43
Chrome front (pickups & chassis-cabs); included with Custom Sport Truck Option... V37
Chrome rear (pickups only); with Custom Sport Truck Option only..... V37
Chrome front & rear (pickups only); not available with Custom Sport Truck Option..... V371/V372

Caps, Hub: Chrome; not available with dual rear wheels..... P03

→ Indicates change

February 1, 1968

OTHER OPTIONAL EQUIPMENT (Continued)

→ Carrier, Spare Wheel: Under frame; cabs with dual rear wheels & cowl models.....	P10
Side mounted; pickup models.....	P13
→ Cooling: Not available with air conditioning	
<i>HD radiator only</i> ; included with automatic transmission.....	V01
<i>HD radiator & extra-HD cooling equipment</i> ; not available on cows.....	V05
→ Custom Camper Nameplate: Chassis-cab & pickup models only. See page 8 of <i>Recreational Vehicles</i> section for minimum requirements....	Z81
→ Custom Comfort & Appearance Option: Not available on cows, includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "Custom" emblems. Not available when Custom Sport Truck Option or bucket seats are ordered.....	Z62
→ Custom Side Molding: Not available on cows.....	B98
→ Custom Sport Truck Option: Not available on cows; includes full-depth foam seat with color-keyed deluxe two-tone all-vinyl trim; color-keyed carpeting; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; chrome front bumper; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "CST" emblems, pedal trim. Not available when Custom Comfort & Appearance Option is ordered.....	Z84
Filter, Fuel	K28
Gauges: Not available on cows	
Ammeter, engine temperature, oil pressure..	Z53
Tachometer, ammeter, engine temperature, oil pressure.....	U16
→ Generator, Alternating Current:	
12-42-amp Delcotron; not available on 03 models with dual rear wheels or platform body or on 09 models.....	K79
5-61-amp Delcotron.....	K76
23-62-amp Delcotron.....	K81
Glass, Soft-Ray: Not available on cows	
Windshield only.....	A112
All windows.....	A111
→ Governor: With synchromesh transmission only; includes dual element air cleaner on CS30 models	
250 engine: 1800-3000 rpm (low rpm setting)	K371
2800-4000 rpm (high rpm setting)	K372
292 engine: 2100-3000 rpm (low rpm setting)	K371
2800-3900 rpm (high rpm setting)	K372
307 engine: 2300-3100 rpm (low rpm setting)	K371
2800-4100 rpm (high rpm setting)	K372
→ Guards, Door Edge: Not available on cows.....	B93
Harness, Camper Body Electric: Chassis-cab & pickup models only.....	UY1
Harness, Shoulder: Driver & passenger; not available on cows.....	A85
Heater & Defroster Deletion: Not available on cows or with air conditioning.....	C48
→ Hooks, Towing: Two front; not available with chrome bumper or power steering.....	V76
Jack:	
Mechanical; capacity 4000 lb; cowl models with single rear wheels only.....	V62
Mechanical; capacity 4700 lb; with dual rear wheels only.....	V62
→ Lamps, Marker: Five; not available on cowl or stake models or when optional platform body or dual rear wheels are ordered.....	U01
Lock: Side wheel carrier (pickup only).....	A97
→ Mirrors, Rearview: Not available on cows	
<i>RH & LH; 17 1/4" swinging arm</i> (pickups)...	D325
<i>RH & LH; 6 1/4" fixed arm</i> (chassis-cabs)...	D323
<i>West Coast Jr. type</i> (6" x 11")	
RH & LH (chassis-cabs & pickups).....	D29
<i>West Coast Sr. type</i> (7" x 16")	
RH & LH.....	D302
Inside prismatic non-glare shatterproof (pickups).....	D36
Paint, Exterior: See <i>Cabs, Bodies & Colors</i> section	
Plate:	
GVW; see GVW Selector for requirements	
7800 lb.....	Z70
14,000 lb.....	Z51
→ Platform Body: Length 9 ft; for CS-CE31003 only; includes 42-amp generator (61-amp when air conditioning is ordered), two front side marker, five cab marker, three rear identification, two rear clearance and two rear side marker lamps. Not available with 6 1/4" or Jr. West Coast mirrors.....	E57
→ Power Outlet Box: Six circuits; not available on cows.....	U98
Pump, Fuel & Vacuum Booster: Model CS31002 only.....	K26
Radio: Pushbutton control; not available on cows.....	U63
→ Seat: For cab models only; includes RH & LH armrests; not available with Custom Comfort & Appearance Option	
<i>Bucket;</i> driver & passenger; includes carpeting and center console.....	A50
<i>Full-depth foam;</i> not available with Custom Sport Truck Option.....	Z52
Shock Absorbers, HD: Included with 11,000-lb rear axle	
Front & rear.....	F51
Rear only.....	G68
→ Speed & Cruise Control: Not available on cows or with 396 engine, HD air cleaner or manual throttle control.....	K30
→ Speed Warning Indicator	U15
Springs, HD: Not available with 11,000-lb rear axle	
Front; capacity 1750 lb each.....	F60
Rear; capacity 3100 lb each.....	G50
Rear; main & auxiliary; capacity 4150 lb each.....	G60
Stabilizer Bar, Front	F59
→ Starter Motor, Heavy-Duty: Includes HD battery; not available with Turbo Hydra-Matic	K67
Steering, Power	N40
→ Stripes, Body Side Paint: Not available on cows.....	D89
Throttle Control: Manual.....	K31
Wheel, Spare: Included when single rear tires are used (except cows) or when spare tire is ordered	
For tubeless tires	
16.5" x 6.00".....	QE6
16.5" x 6.75".....	QE7
16.5" x 8.25".....	S89
17.5" x 5.25".....	S77
19.5" x 5.25".....	Q34
For tube-type tires	
16" x 5.50".....	S76
16" x 6.00".....	Q2
17" x 6.00".....	Q2
18" x 5.00".....	Q3

SERIES C30

TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Maximum Tire Capacity		Type of Wheel	Rim Width	Opt. No.
	Single Usage	Dual Usage			
6.50-16/6PR—Highway Nylon	1610	1420	Disc	5.50	R65a
7.00-16/6PR—Highway Nylon	1800	1580	Disc	5.50	R78a
—On-Off Road Nylon	1800	1580	Disc	5.50	R71a
7.50-16/8PR—Highway Nylon	2440	2140	Disc	5.50	R68a
7.00-17/6PR—Highway Nylon	1980	—	Disc	6.00	R72b
7.00-17/8PR—Highway Nylon	2350	—	Disc	6.00	R73
—On-Off Road Nylon	2350	—	Disc	6.00	R74*
7.50-17/8PR—Highway Nylon	2780	—	Disc	6.00	R75
—On-Off Road Nylon	2780	—	Disc	6.00	R76*
7.00-18/8PR—Highway Nylon	2440	2140	Disc	5.00	R90a

a—Available with dual rears only. Not available on pickup models.

b—Available as front only. *Rear only

TUBELESS TIRES	Maximum Tire Capacity		Type of Wheel	Rim Width	Opt. No.
	Single Usage	Dual Usage			
★7-17.5/6PR —Highway Nylon	1815	1590	Disc	5.25	R82
—On-Off Road Nylon	1815	1590	Disc	5.25	R81*
8-17.5/6PR —Highway Nylon	2075	—	Disc	5.25	Std
8-17.5/8PR —Highway Nylon	2455	2155	Disc	5.25	Std
—On-Off Road Nylon	2455	2155	Disc	5.25	R87*
8-19.5/6PR —Highway Nylon	2380	—	Disc	5.25	R95
8-19.5/8PR —Highway Nylon	2780	2440	Disc	5.25	R98
—On-Off Road Nylon	2780	—	Disc	5.25	R97*
★8-19.5/10PR—Highway Nylon	3140	2760	Disc	5.25	R99

c—8-17.5/6PR tires are standard on the front only.

d—8-17.5/8PR tires are standard on the rear only. R86 is used to order either dual rear (except pickup), front or spare tires.

★Available with dual rears only. Not available on pickup models.

*Rear only

WIDE BASE TUBELESS TIRES	Maximum Tire Capacity		Type of Wheel	Rim Width	Opt. No.
	Single Usage	Dual Usage			
8.00-16.5/6PR —Highway Nylon	1730	—	Disc	6.00	R70*
8.00-16.5/8PR —Highway Nylon	2045	1800	Disc	6.00	RP3e**
—On-Off Road Nylon	2045	1800	Disc	6.00	RQ3e**
8.00-16.5/10PR—Highway Nylon	2330	2050	Disc	6.00	RP4e
8.75-16.5/6PR —Highway Nylon	1990	—	Disc	6.75	RP5
—On-Off Road Nylon	1990	—	Disc	6.75	RQ4**
8.75-16.5/8PR —Highway Nylon	2350	—	Disc	6.75	RP6
9.50-16.5/6PR —Highway Nylon	2350	—	Disc	6.75	RP8
9.50-16.5/8PR —Highway Nylon	2780	—	Disc	6.75	RP9
—On-Off Road Nylon	2780	—	Disc	6.75	RQ5**

e—May be used as dual rear tires (except pickup)

*Front only

**Rear only

FLOTATION-TYPE TUBELESS TIRES	Maximum Tire Capacity		Type of Wheel	Rim Width	Opt. No.
	Single Usage	Dual Usage			
10.00-16.5/6PR—Highway Nylon	2330	—	Disc	8.25	R79♦

♦Not available on pickup models.

Note: When dual rear tires are specified, the following equipment will be applied to the order as shown in the dual rear portion of the order form.

This equipment is not included in the price of the tire option and will be reflected on the invoice as follows:

owl Models: Includes 42-amp Delcotron & two front side marker lamps, 5.14 ratio rear axle (except when 11,000-lb rear axle is ordered) & dual rear chassis provisions. R05

hassis-Cab Models: (without platform body) Includes 42-amp Delcotron; two front side marker lamps; cab marker & clearance lamps; 5.14 ratio rear axle (except when 11,000-lb rear axle is ordered), deletion of spare wheel carrier & dual rear chassis provisions. R05

ake Models & Chassis-Cabs with Platform Body: Includes 5.14 ratio rear axle (except when 11,000-lb rear axle is ordered) deletion of spare wheel carrier & dual rear chassis provisions. R05

SERIES 30 POWER TEAMS

SERIES C30

ENGINE	TRANSMISSION	AXLE RATIOS	
		STD	OPT
250 Six 292 Six	Chevrolet CH465 4-Speed	4.57	4.10; 5.14*; 6.17
	New Process 435CR 4-Speed	4.57	4.10; 5.14*
	Turbo Hydra-Matic	4.57	4.10; 5.14*
307 V8 327 V8	Chevrolet CH465 4-Speed	4.57	4.10; 5.14*; 6.17
	New Process 435CR 4-Speed	4.57	4.10; 5.14*
	Turbo Hydra-Matic	4.57	4.10; 5.14*
396 V8	Chevrolet CH465 4-Speed	4.10	—
	New Process 435CR 4-Speed	4.10	—
	Turbo Hydra-Matic	4.10	—

*5.14 rear axle ratio included with dual rear tires

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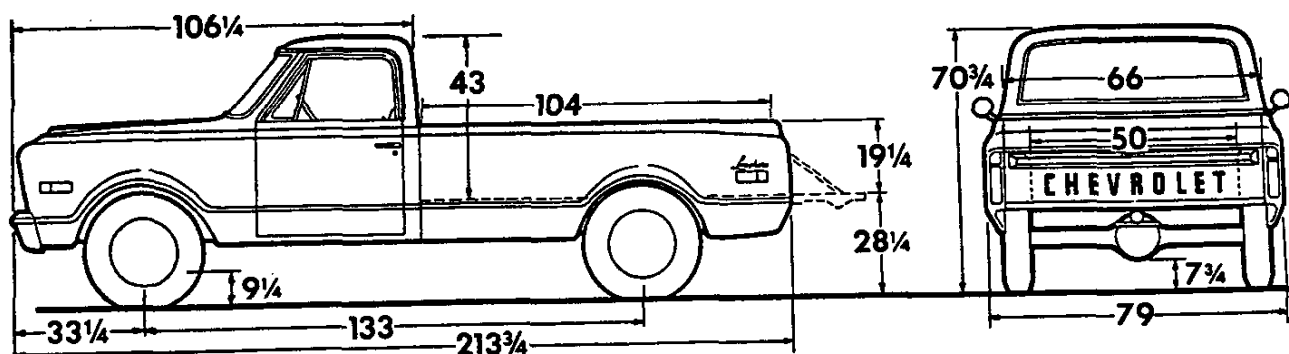
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LONGHORN

Six-Cylinder Model
CS31034 Longhorn

V8 Model
CE31034 Longhorn



Models	Dimensions (in)★			Curb Weights (lb)			Body-Payload Wt. Dist.*	
	WB	IL	OL	Front	Rear	Total	Front	Rear
CS31034	133	104	213.8	2333	1903	4236	3%	97%
CE31034				2446	1911	4357		

*Estimate based on water-level loading.

★Dimensions with std equipment, unloaded.

SERIES C30

LONGHORN STANDARD EQUIPMENT

Air Cleaner: Oiled-paper element
Axle, Rear: Hypoid full-floating type; ratio 4.57; capacity 7200 lb
Battery: 12-volt, 54-plate; capacity 53 amp-hr
Body: See *Cabs, Bodies & Colors*
Brakes, Service: Hydraulic; self-adjusting; dual system
Sizes: front 11' x 2 3/4'; rear 13' x 2 1/2'
Effective area: drum 395 sq in; lining 252 sq in
Brake, Parking: Cable to rear wheels; area 132 sq in
Bumper: Front, painted
Cab: See *Cabs, Bodies & Colors*
Carburetor: CS30: single-barrel downdraft
 CE30: two-barrel downdraft
Clutch: Diameter 11"; area 124 sq in
Cooling: CS30: 1.26" radiator core, cross-flow type; 446-sq-in area; 13-lb pressure cap
 CE30: 1.26" radiator core, cross-flow type; 480-sq-in area; 13-lb pressure cap
Controls & Instruments: Hand choke; light switch; headlight beam control; speedometer; odometer; fuel gauge. Lights for generator, oil pressure, engine temperature, brake warning, direction signals and high beam indicator.
Direction Signals: Class A; two front and two rear. Includes freeway lane-change position on switch & integral hazard warning switch.
Engine: CS30: 250 Six; closed positive crankcase ventilation
 Gross horsepower.....155 @ 4200 rpm
 Net horsepower.....125 @ 3800 rpm
 Gross torque, lb-ft.....235 @ 1600 rpm
 Net torque, lb-ft.....215 @ 2000 rpm
 CE30: 307 V8; closed positive crankcase ventilation
 Gross horsepower.....200 @ 4600 rpm
 Net horsepower.....157 @ 4000 rpm
 Gross torque, lb-ft.....300 @ 2400 rpm
 Net torque, lb-ft.....260 @ 2200 rpm

Exhaust System: Single pipe & aluminized muffler
Filter, Fuel: Wire mesh in fuel tank; paper filter in carburetor
Filter, Oil: CS30: full-flow; 1 quart; throwaway type
 CE30: full-flow; 1-quart; replaceable element
Frame: 39,000-lb-test steel, section modulus 5.05
Fuel Pump: Single-action
Generator: 37-amp Delcotron
Heater & Defroster: Deluxe-Air
Lights & Reflectors:
 Two headlights; two Class A front combination parking/direction signals; two Class A rear combination tail/stop/direction signals; two front side marker reflectors and two rear side marker reflectors; two backup; one license; instrument panel & dome.
Mirror, Rearview: Exterior RH & LH 6 1/4" fixed arm
Seat: Full-width
Seat Belts: Driver & passenger includes retractors
Shock Absorbers: Front; piston diameter 1"
Springs, Front: Coil; capacity 1500 lb each
Springs, Rear: Leaf; capacity 2400 lb each
Steering: Ball-gear, ratio 24:1; wheel dia 16 1/2"
Suspension, Front: Independent; capacity 3500 lb
Tank, Fuel: Back of seat in cab; capacity approx 21 gal
Tires: Four tubeless 8-17.5/6PR nylon front and 8-17.5/8PR nylon single rear tires.
Tools: 4000-lb mechanical jack; wheel wrench
Transmission: Chevrolet CH46S 4-speed; ratios 6.55, 3.58, 1.70, 1.00, 6.09 (rev); power take-off openings on both sides
Wheels: Five 17.5" x 5.25"; attachment, 8 studs on 6 1/2" circle; spare carrier under frame and 4 painted hubcaps are used
Windshield Wiper & Washer: Electric; 2-speed wipers

GVW SELECTOR

GVW Rating (lb)	Chassis Equipment Required for GVW Rating
6700	Standard
7800♦	3100-lb each rear spring

♦ GVW rating shown on vehicle rating plate; ratings are increased or decreased in accordance with the minimum equipment shown in the chart

Note: Be sure to recommend adequate springs and tires for total axle loads. See *Optional Equipment and Tire & Wheel Combination* pages.

LONGHORN

OPTIONAL POWER TEAMS & AXLES

SERIES C30

See Power Teams Chart on Page 12 for availability.

Engine:

292 Six (CS30 models only).....	L25
Gross horsepower.....	170 @ 4000 rpm
Net horsepower.....	153 @ 3600 rpm
Gross torque, lb-ft.....	275 @ 1600 rpm
Net torque, lb-ft.....	255 @ 2400 rpm
327 V8 (CE30 models only); includes automatic choke & 12" clutch.....	L30
Gross horsepower.....	240 @ 4400 rpm
Net horsepower.....	187 @ 4000 rpm
Gross torque, lb-ft.....	330 @ 3000 rpm
Net torque, lb-ft.....	290 @ 2400 rpm
396 V8 Two-Barrel (CE30 models only); includes manual choke, 12" clutch, single exhaust & 4.10 rear axle ratio.....	L66
Gross horsepower.....	275 @ 4400 rpm
Net horsepower.....	197 @ 4000 rpm

Gross torque, lb-ft.....	390 @ 2800 rp
Net torque, lb-ft.....	335 @ 2400 rp

396 V8 Four-Barrel (CE30 models only); includes automatic choke, 12" clutch, dual exhausts & 4.10 rear axle ratio.....	L47
Gross horsepower.....	310 @ 4800 rp
Net horsepower.....	242 @ 4000 rp
Gross torque, lb-ft.....	400 @ 3200 rp
Net torque, lb-ft.....	350 @ 3000 rp

Transmission:

Turbo Hydra-Matic; includes HD radiator...	M4
New Process 435CR 4-speed close-ratio...	M2

Axle, Rear:

Chevrolet; capacity 7200 lb; ratio 4.10; included with 396 engine.....	HB
NoSPIN.....	G8

OTHER OPTIONAL EQUIPMENT

For dealer-installed equipment, see Custom Features section.

Air Cleaner: Oil-bath; capacity 1 quart; not available with 396 engine.....	K48
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Air Cleaner, Heavy-Duty: Includes oil-bath pre-cleaner; not available with 327 or 396 engine.....	K46
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Air Conditioning, All-Weather: Includes HD radiator & 42-amp generator.....	C60
---	-----

Armrests: Available with standard seat only RH & LH.....	D14
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Battery Auxiliary; for use with camper body installa- tions to provide auxiliary electrical supply..	TP2
Heavy-duty; 70-amp-hr; included with HD starter.....	T60

Belts, Seat: Not available with bucket seats. Installed for center third passenger.....	AM3
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Brakes, Vacuum Power: Includes dual ele- ment air cleaner on CS30 models.....	J7C
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Bumper:

Painted rear; with std painted front bumper only.....	V3
Painted step-type rear.....	V4
Chrome front; included with Custom Sport Truck Option.....	V3
Chrome rear; with Custom Sport Truck Option only.....	V3
Chrome front & rear; not available with Custom Sport Truck Option.....	V371/V3

Caps, Hub: Chrome.....	P0
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Carrier, Spare Wheel: Side mounted.....	P1
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Cooling: Not available with air conditioning HD radiator only; included with automatic transmission.....	V0
HD radiator & extra-HD cooling equip- ment.....	V0

SERIES C30

LONGHORN

OTHER OPTIONAL EQUIPMENT (Continued)

Custom Camper Nameplate: See page 8 of <i>Recreational Vehicles</i> section for minimum requirements.....		Z81
Custom Comfort & Appearance Option: Includes full-depth foam seat with color-keyed fabric/vinyl trim; embossed vinyl door trim panels with bright upper retainers; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "Custom" emblems. Not available when Custom Sport Truck Option or bucket seats are ordered.....		Z62
Custom Side Molding: Includes Pickup box moldings		B98
Custom Sport Truck Option: Includes full-depth foam seat with color-keyed deluxe two-tone all-vinyl trim; color-keyed carpeting; embossed vinyl door trim panels with bright upper retainer; RH & LH full-depth armrests; parking brake ratchet cover; cigar lighter; "Chevrolet" nameplate for dispatch box door; cowl insulation; full underbody sprayed mastic coating; chrome front bumper; bright metal windshield moldings, ventipane frames, rear window molding, control knob inserts, "CST" emblems, pedal trim. Not available when Custom Comfort & Appearance Option is ordered.....		Z84
Filter, Fuel		K28
Gauges:		
Ammeter, engine temperature, oil pressure..		Z53
Tachometer, ammeter, engine temperature, oil pressure		U16
Generator, Alternating Current:		
12-42-amp Delcotron		K79
5-61-amp Delcotron		K76
23-62-amp Delcotron		K81
Glass, Soft-Ray:		
Windshield only		A112
All windows.....		A111
Governor: With synchromesh transmission only; includes dual element air cleaner on CS30 models		
250 engine: 1800-3000 rpm (low rpm setting)		K371
2800-4000 rpm (high rpm setting)		K372
292 engine: 2100-3000 rpm (low rpm setting)		K371
2800-3900 rpm (high rpm setting)		K372
307 engine: 2300-3100 rpm (low rpm setting)		K371
2800-4100 rpm (high rpm setting)		K372
Guards, Door Edge		B93
Harness, Camper Body Electric		UY1
Harness, Shoulder: Driver & passenger.....		A85
Heater & Defroster Deletion: Not available with air conditioning.....		C48
Hooks, Towing: Two front; not available with chrome bumper or power steering.....		V76
Lamps, Marker: Five.....		U01
Lock: Side wheel carrier.....		A97
Mirrors, Rearview: RH & LH; 17¼" swinging arm.....		D325
West Coast Jr. type (6" x 11") RH & LH...		D29
West Coast Sr. type (7" x 16") RH & LH...		D302
Inside prismatic non-glare shatterproof.....		D36
Paint, Exterior: See <i>Cabs, Bodies & Colors</i> section		
Plate:		
GVW; see GVW Selector for requirements		
7800 lb.....		Z70
Power Outlet Box: Six circuits.....		U98
Radio: Pushbutton control.....		U63
Seat: Includes RH & LH armrests; not available with Custom Comfort & Appearance Option		
Bucket; driver & passenger; includes carpeting and center console.....		A50
Full-depth foam; not available with Custom Sport Truck Option.....		Z52
Shock Absorbers, HD: Rear only.....		G68
Speed & Cruise Control: Not available with 396 engine, HD air cleaner or manual throttle control.....		K30
Speed Warning Indicator		U15
Springs, HD:		
Front; capacity 1750 lb each.....		F60
Rear; capacity 3100 lb each.....		G50
Rear; main & auxiliary; capacity 4150 lb each.....		G60
Stabilizer Bar, Front		F59
Starter Motor, Heavy-Duty: Includes HD battery; not available with Turbo Hydra-Matic.		K67
Steering, Power		N40
Stripes, Body Side Paint		D89
Throttle Control: Manual.....		K31
Wheel, Spare: Included when spare tire is ordered		
For tubeless tires		
16.5" x 6.75".....		QE7
16.5" x 8.25".....		S89

→ Indicates change

LONGHORN
TIRE & WHEEL COMBINATIONS

TUBE-TYPE TIRES	Max. Tire Cap	Type of Wheel	Rim Width	Opt. No.
7.00-17/6PR—Highway Nylon	1980	Disc	6.00	R72a
7.00-17/8PR—Highway Nylon	2350	Disc	6.00	R73
—On-Off Road Nylon	2350	Disc	6.00	R74*
7.50-17/8PR—Highway Nylon	2780	Disc	6.00	R75
—On-Off Road Nylon	2780	Disc	6.00	R76*

a—Available as front only.

*Rear only

TUBELESS TIRES	Max. Tire Cap	Type of Wheel	Rim Width	Opt. No.
8-17.5/6PR —Highway Nylon	2075	Disc	5.25	Std
8-17.5/8PR —Highway Nylon	2455	Disc	5.25	R86
—On-Off Road Nylon	2455	Disc	5.25	R87*
8-19.5/6PR —Highway Nylon	2380	Disc	5.25	R95
8-19.5/8PR —Highway Nylon	2780	Disc	5.25	R98
—On-Off Road Nylon	2780	Disc	5.25	R97*

*Rear only

WIDE BASE TUBELESS TIRES	Max. Tire Cap	Type of Wheel	Rim Width	Opt. No.
8.00-16.5/6PR —Highway Nylon	1730	Disc	6.00	R70*
8.00-16.5/8PR —Highway Nylon	2045	Disc	6.00	RP3**
—On-Off Road Nylon	2045	Disc	6.00	RQ3**
8.00-16.5/10PR—Highway Nylon	2330	Disc	6.00	RP4
8.75-16.5/6PR —Highway Nylon	1990	Disc	6.75	RP5
8.75-16.5/8PR —Highway Nylon	2350	Disc	6.75	RP6
—On-Off Road Nylon	2350	Disc	6.75	RQ4**
9.50-16.5/6PR —Highway Nylon	2350	Disc	6.75	RP8
9.50-16.5/8PR —Highway Nylon	2780	Disc	6.75	RP9
—On-Off Road Nylon	2780	Disc	6.75	RQ5**

*Front only

**Rear only

FLOTATION-TYPE TUBELESS TIRES	Max. Tire Cap	Type of Wheel	Rim Width	Opt. No.
10.00-16.5/6PR—Highway Nylon	2330	Disc	8.25	R79

SERIES 30 POWER TEAMS

SERIES C30

ENGINE	TRANSMISSION	AXLE RATIOS	
		STD	OPT
250 Six 292 Six	Chevrolet CH465 4-Speed	4.57	4.10; 5.14*; 6.17 (a)
	New Process 435CR 4-Speed	4.57	4.10; 5.14*
	Turbo Hydra-Matic	4.57	4.10; 5.14*
307 V8 327 V8	Chevrolet CH465 4-Speed	4.57	4.10; 5.14*; 6.17 (a)
	New Process 435CR 4-Speed	4.57	4.10; 5.14*
	Turbo Hydra-Matic	4.57	4.10; 5.14*
396 V8	Chevrolet CH465 4-Speed	4.10	—
	New Process 435CR 4-Speed	4.10	—

*5.14 rear axle ratio included with dual rear tires
 (a) 6.17 ratio available only with 11,000-lb rear axle

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EL CAMINO TRANSMISSIONS

→ 3-SPEED TRANSMISSIONS

Type	Chevrolet 3-Speed	Chevrolet 3-Speed	Warner T16D 3-Speed	Warner T16D 3-Speed
Applications	230 Six; 250 Six; 307 V8	327 V8 (Exc. 325 hp)	230 Six; 250 Six; 307 V8	327 V8; 396 V8
Synchronized Speeds	All forward			
Gear Ratios:				
First	2.85	2.54	2.86	2.41
Second	1.68	1.50	1.72	1.59
Third	Direct	Direct	Direct	Direct
Reverse	2.95	2.63	2.86	2.41
Gears:	Helical			
Type	Forged steel; hardened			
Material				
Gearshift Control:	Manual remote			
Type				
Location	Column	Column	Floor*	Floor*

→ 4-SPEED TRANSMISSIONS

Type	Chevrolet 4-Speed	Chevrolet 4-Speed	Chevrolet 4-Speed	Chevrolet 4-Speed
Applications	307 V8	327 V8 (Exc. 325 hp)	327 V8 (325 hp); 396 V8	396 V8
Synchronized Speeds	All forward			
Gear Ratios:				
First	2.85	2.54	2.52	2.20
Second	2.02	1.80	1.88	1.64
Third	1.35	1.44	1.46	1.27
Fourth	Direct	Direct	Direct	Direct
Reverse	2.85	2.54	2.59	2.26
Gears:	Helical			
Type	Forged steel; hardened			
Material				
Gearshift Control:	Manual direct			
Type	Floor*			
Location				

→ OVERDRIVE TRANSMISSIONS

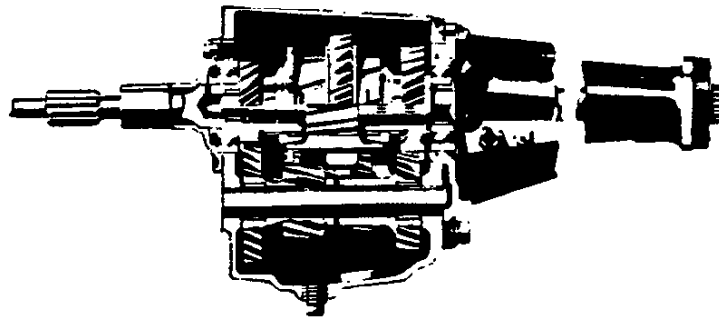
Type	Chevrolet 3-Speed Overdrive
Applications	230 Six; 250 Six; 307 V8
Synchronized Speeds	All forward
Type of Overdrive	3-Pinion planetary unit
Gear Ratios:	
First	2.85
First-overdrive	2.00
Second	1.68
Second-overdrive	1.18
Third	Direct
Third-overdrive	.70
Reverse	2.95
Gears:	Helical
Type	Forged steel; hardened
Material	
Gearshift Control:	Manual remote
Type	On steering column
Location	
Lockout Method	By manual "pull-type" control or accelerator kickdown

→ AUTOMATIC TRANSMISSIONS

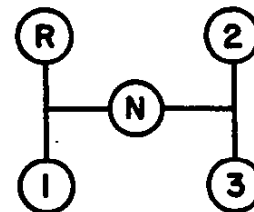
Type	Chevrolet Powerglide	Turbo Hydra-Matic
Applications	230 Six; 250 Six; 307 V8	327 V8; 396 V8
Drive (Maximum)	3.82:1 to 1:1	3.70:1 to 1:1
Cooling	5.06:1 to 1:1	
	Water	

*Opt. with console

3-SPEED TRANSMISSIONS



Gearshift Lever Positions



Standard 3-Speed Synchromesh Transmission

The wide-faced helical gears are carburized and shot-peened for long service life. Rounded gear teeth resist chipping. Anti-friction bearings on the clutch shaft, mainshaft and countershaft assure alignment and proper gear meshing. The gearshift lever is located on the steering column.

→ Standard 3-Speed

Fully Synchronized Transmission

The 3-speed fully synchronized transmission is standard on all Series 10-20 Forward Control and most Series 10-20 Conventional models, except Series CS10 models with the base 250 six engine. It is available as an option when this engine is used. All forward speeds are synchronized for much better vehicle flexibility and convenience. The gearshift is located on the steering column.

Optional 3-Speed Overdrive Transmission

The 3-speed overdrive transmission provides better fuel economy, lower noise level and longer engine life by cutting down engine RPM. It is also fully synchronized in all 3 forward speeds for ease of operation. The overdrive may be manually locked out by a hand control or disengaged by depressing the accelerator pedal. This transmission is available only with the 4.11 rear axle ratio. The gearshift is located on the steering column.

→ Warner T16D 3-Speed

This rugged fully-synchronized 3-speed transmission is used only with the 396 V8 engine option on C10-20 models. Its large center distance, wide helical gears and high capacity bearings insure long life.

→ Specifications

	Chevrolet 3-Speed Synchro- mesh	Chevrolet 3-Speed Fully Synchronized	Chevrolet 3-Speed Overdrive	Warner T16D 3-Speed
Synchronized Speeds:	2nd & 3rd	All forward	All forward	All forward
Gear Ratios:				
First.....	2.94	2.85	2.85 (2.00)	2.86
Second.....	1.68	1.68	1.68 (1.18)	1.72
Third.....	Direct	Direct	Direct (.70)	Direct
Reverse.....	3.14	2.95	2.95 —	2.86
Gears:	Helical Forged steel, hardened			
Type				
Material				
Lubricants:				
Capacity	2 Pints	3 Pints	4 Pints	3½ Pints
Type, grade	See Owner's Guide			

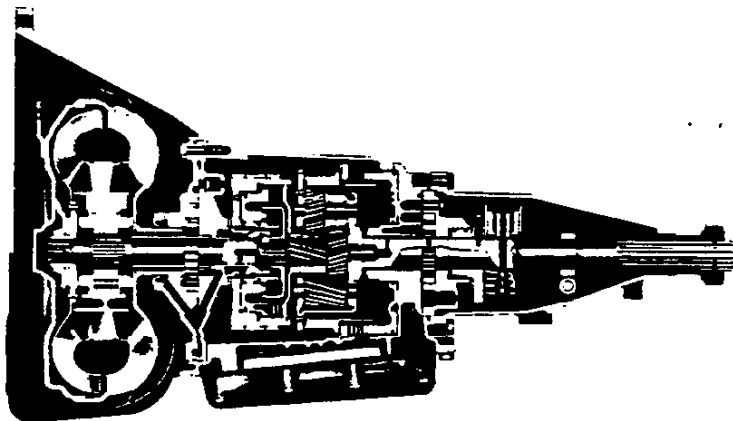
POWERGLIDE & TURBO HYDRA-MATIC TRANSMISSIONS

→ Specifications

Range Selector Lever Location	Mounted on Steering Column		
Powerglide Torque Multiplication	Converter Ratio	Max	1 to 1
	Drive	2.10	1.00
	Low	3.70	1.76
	Reverse	3.70	1.76
Oil Filler & Gauge Location	Right Front Side of Transmission		
Lubricant Capacity	Dry Fill	18 Pints	
	Refill	3 Pints	

The optional Powerglide 2-speed transmission combines a 2-speed planetary gearset and a torque converter to provide smoothness and torque multiplication as high as 3.70.

A selector lever is mounted on the steering column with five positions: Park (P), Reverse (R), Neutral (N), Drive (D) and Low (L). For safety, the engine can only be started in either Park or Neutral position.



POWERGLIDE

→ Specifications

Range Selector Lever Location		Steering Column	
Gear Ratios	Torque Converter	Lock-Up	Breakaway
	First	2.48	5.70
	Second	1.48	3.40
	Third	1.00	2.30
	Reverse	2.10	4.83
Torque Converter	Element Types Lock-Up Clutch Gear Type	Pump, Stator, Turbine Automatic Planetary	
Lubricant Capacity	Dry Fill	19 Pints	
	Refill	9 Pints	

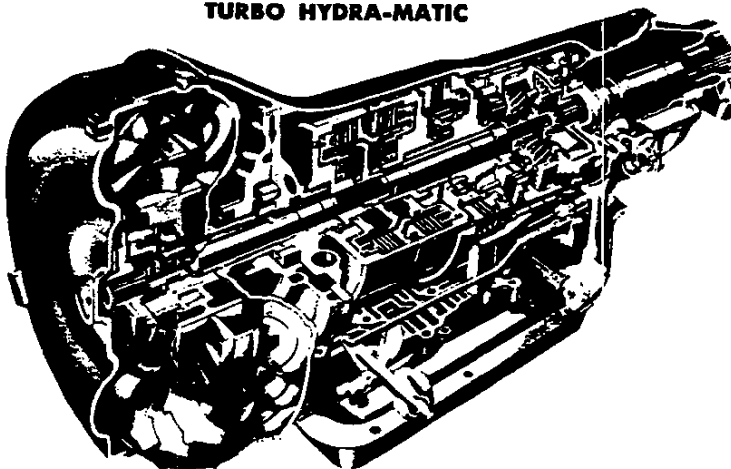
The optional Turbo Hydra-Matic 3-speed automatic provides greater performance, smoothness and flexibility through a 3-element torque converter with a compound planetary gearset. The additional forward gear, as compared to 2-speed Automatics, affords improved fuel economy and better performance by more efficient use of engine torque thru all ranges.

A six-position selector provides the following ranges: Park (except 1-ton models where Park is blocked out), Reverse (R), Neutral (N), Drive (D), Low Two (L2), and Low One (L1). Moving the selector to L2 locks out third gear entirely, with automatic shifting between first and second gears. The transmission is locked in low gear when L1 is selected.

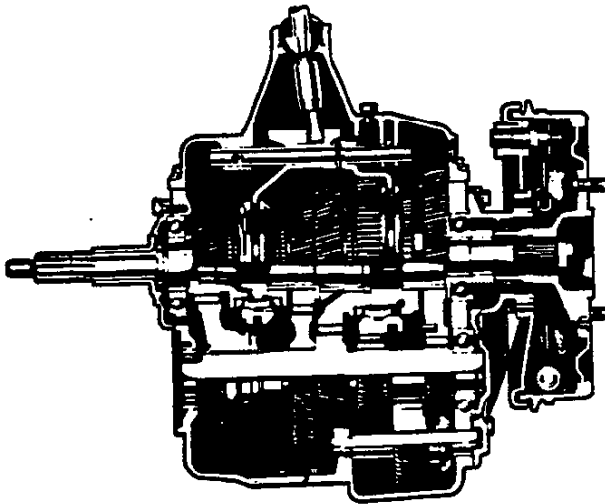
Automatic shifting schedules are controlled by a vacuum modulator instead of the mechanical linkages used in other designs. This allows smoother shifts by "sensing" engine vacuum changes.

Downshifts for passing are controlled by a solenoid on the carburetor.

TURBO HYDRA-MATIC

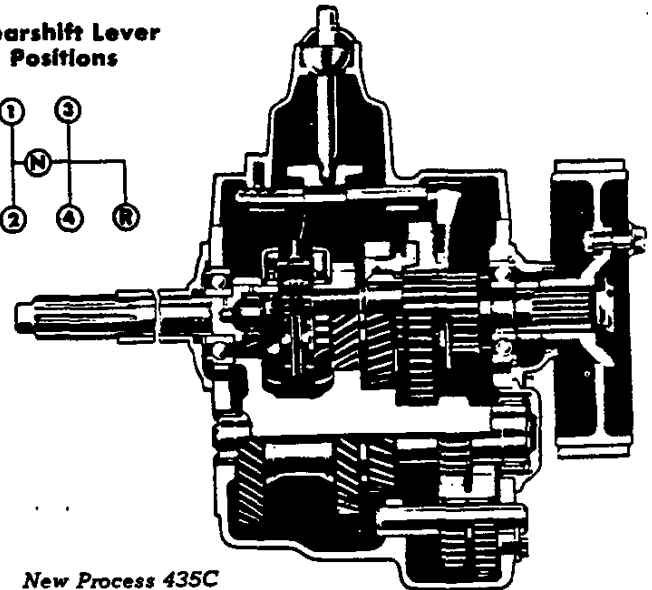
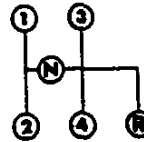


4-SPEED TRANSMISSIONS



Chevrolet CH465

Gearshift Lever Positions



New Process 435C

WARNER 4-SPEED

The Warner T10 fully synchronized 4-speed is available as an option on all G10-20 models. The gearshift controls are steering column mounted for convenience.

→CHEVROLET CH465 4-SPEED

The Chevrolet 4-speed transmission provides synchromesh gear engagement in second, third and fourth gears for quick, clashless shifting. All components are built for dependability and durability. A magnetic collector removes metallic particles from the lubricant, reducing wear to moving parts.

Series 10-30 models use cable-actuated rear brakes for a parking brake. Series 30 models with the 11,000-lb rear axle and all Series 40-60 models use a transmission-mounted internal expanding parking brake that is similar to a rear wheel brake without the wheel cylinder.

→NEW PROCESS 4-SPEEDS

The New Process 435C 4-speed transmission features good durability, quiet operation and easy shifting. It has synchromesh gear engagement in 2nd, 3rd and 4th gears. The new Process 435CR, optional for light-duty models, is a close-ratio transmission that is well suited for recreational applications.

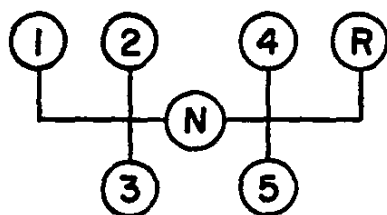
High gear pressure angles combined with generous gear face widths resist pitting and provide greater tooth contact area. The transmission also has heavy-duty bearings and strong rigid shafts for good reliability under extreme operating conditions. Large synchronizer cones with more working surface provide fast and easy shifting. A magnetic particle collector in the bottom of the case helps to reduce transmission wear.

→Specifications

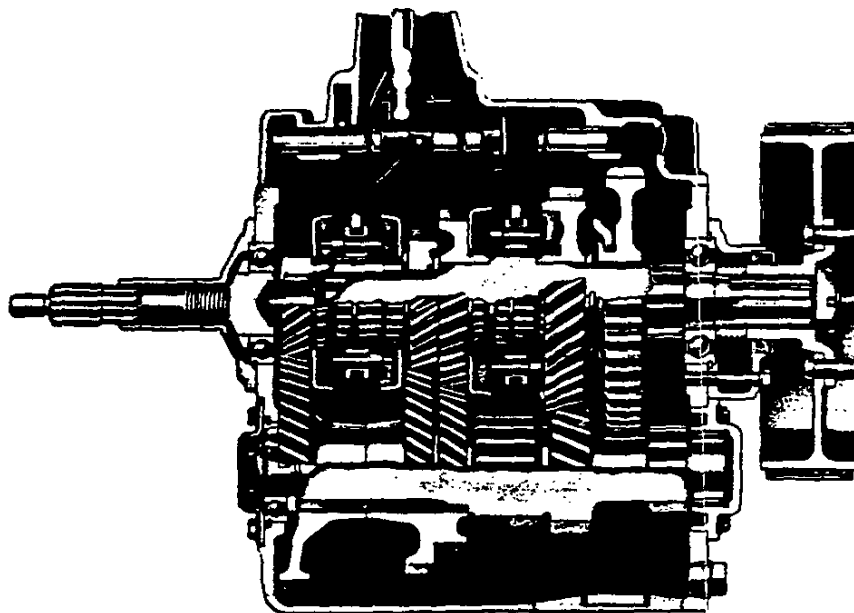
	Warner T10 4-Speed	Chevrolet CH465 4-Speed	New Process 435C 4-Speed	New Process 435CR Close-Ratio 4-Speed
Synchronized Speeds...	All	2nd, 3rd & 4th		
Gear Ratios:				
First.....	3.44	6.55	6.68	4.56
Second.....	2.28	3.58	3.34	2.28
Third.....	1.46	1.70	1.66	1.31
Fourth.....	Direct	Direct	Direct	Direct
Reverse.....	3.54	6.09	8.26	5.64
Gear Types:				
Helical.....	All	2nd, 3rd, 4th		
Spur.....	—	1st, Reverse		
Power Take-Off Data:		SAE Std 6-Bolt		
Opening type.....	—	Right Side		
Location.....	—	Both Sides	3rd Speed Countergear	
Drive gear.....	—	395		
PTO gear rpm at 1000 engine rpm.....	—	425	7 Pints	
Lubricants:				
Oil capacity.....	1½ Pints	6¼ Pints	See Owner's Guide	
Type, grade.....				
Brakes, Parking:				
Type.....	Rear Wheels	Internal Expanding*	Drum & Band	Rear Wheels
Drum diameter (in).....	—	11.0	9.5	—
Lining area (sq in).....	—	41.8	67.5	—

*Rear wheels on Series 10-20 and Series 30 without the 11,000 lb rear axle.

5-SPEED NEW PROCESS TRANSMISSIONS



Gearshift Lever Positions



The New Process 5-speed synchromesh transmission permits more efficient engine use, lower fuel consumption, and reduced maintenance. The choice of gear ratios allows the engine to operate in the speed range of greatest power output and operating efficiency. High-ratio first and reverse gears provide greater torque multiplication than is available with the 4-speed transmission.

Synchromesh engagement of second, third, fourth, and fifth speeds results in quick, clashless gearshifting. Mainshaft, countershaft, reverse shaft and all gears are machined from

alloy steel, carburized and hardened for durability. Gear teeth are shot peened for added resistance to fatigue failure. Compact design results in short, rigid shafts for accurate meshing of gear teeth. Mainshaft and countershaft are mounted on ball and roller bearings for high efficiency and long service life. A magnetic chip collector in the bottom of the case also helps to reduce transmission wear.

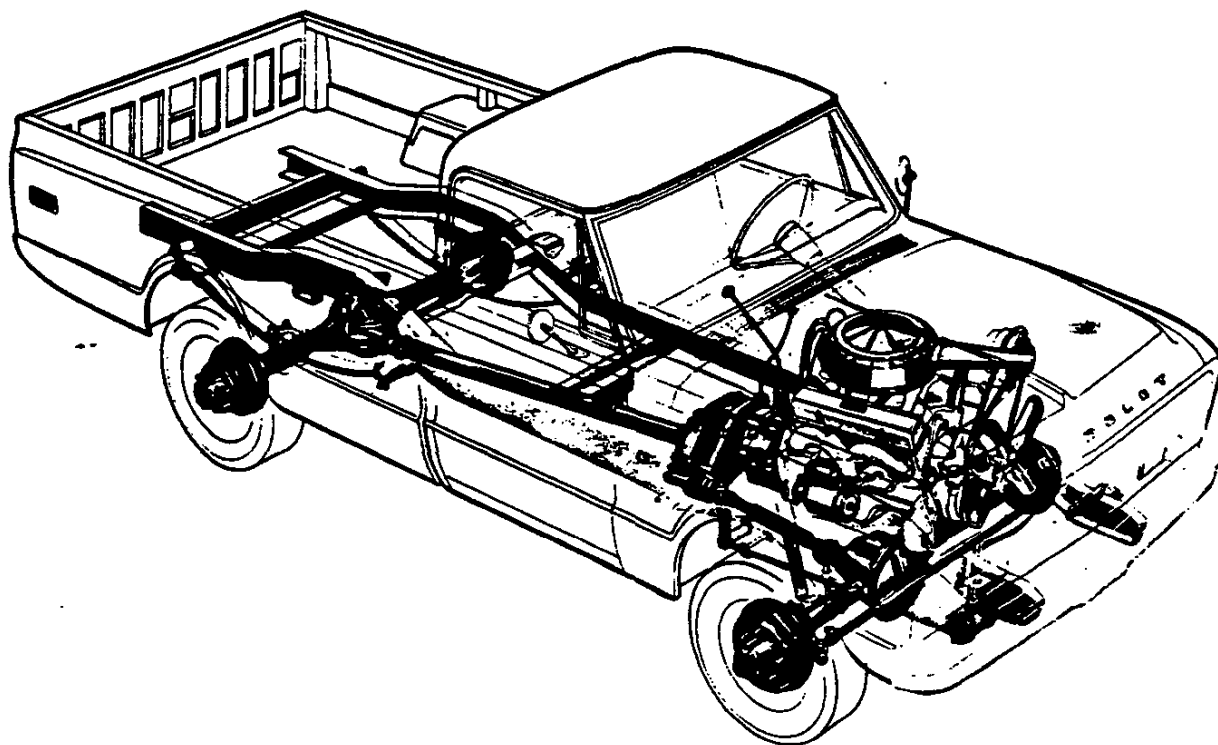
Power take-off openings are provided on both the right and left sides of the transmission case. Drum and band type parking brake is mounted at the rear of the transmission case.

Specifications

	Std-Ratio 5-Speed	Close-Ratio 5-Speed	Std-Ratio 5-Speed	Close-Ratio 5-Speed
Model	540CL	540CD	541CL	541CD
Synchromized Speeds	2nd, 3rd, 4th and 5th			
Gear Ratios:				
First.....	7.41	6.05	7.25	6.15
Second.....	4.05	3.31	3.88	3.30
Third.....	2.40	1.84	2.19	1.86
Fourth.....	1.48	1.17	1.37	1.17
Fifth.....	Direct	Direct	Direct	Direct
Reverse.....	7.85	6.42	7.22	6.13
Gear Types:				
Helical.....	2, 3, 4, 5			
Spur.....	1, Reverse			
Bearing Types:				
Mainshaft, front.....	Roller			
Mainshaft, rear.....	Ball			
Countershaft, front.....	Ball			
Countershaft, rear.....	Roller			
Power Take-Off Data:	SAE standard 6-stud. Right- and left-hand side of transmission			
Opening type.....				
Location.....	375 left	457 left	369 left	434 left
PTO gear rpm @ 1000 engine rpm.....	456 right	558 right	425 right	500 right
Lubricants:				
Oil capacity.....	9½ pints	10 pints	10 pints	10 pints
Type, grade.....	See Owner's Guide			
Brakes, Parking:				
Type.....	Drum and band			
Drum diameter (in).....	9.5		10.5	
Lining area (sq in).....	67.5		99.1	

TRANSFER CASES

FOUR-WHEEL-DRIVE TRANSFER CASE SERIES KS/KE10-20



The transfer case on Four-Wheel-Drive models is bolted directly to the transmission case tailshaft through an adapter, eliminating the intermediate propeller shaft linking the two gear boxes. In four-wheel-drive position, driver has the choice of direct gear or 1.94 to 1 underdrive. Control is through a single lever having four positions. From the rear toward the front of the truck, these positions are: four-wheel underdrive; neutral; four-wheel direct

drive; and two-wheel direct drive.

All gears and shafts are accurately machined from alloy steel, carburized and hardened for durability. Shafts are mounted on antifriction ball or roller bearings for efficiency and long service life.

A power take-off opening is provided at the rear of the case.

ODOMETER CORRECTIONS

Speedometer drive gears are cut to the nearest full tooth when they are manufactured. This causes errors in the mileage indicated on the odometer in the vehicle when various transmission and rear axle combinations are used. Changing tires from a smaller to a larger tire size also causes errors in the indicated mileage. These errors are reduced by the use of adaptors that are placed on the speedometer gears when optional transmissions, optional rear axles or optional larger rear tires are ordered from the factory. As an example, if a 60 Series truck were equipped with a New Process 5-speed transmission, a 7.20 rear axle ratio and 8.25 x 20

rear tires, the speedometer error without an adaptor would be -4.88%. For every 100 miles the vehicle actually traveled, only 95.12 miles would register on the odometer. With an adaptor placed on the speedometer, the error would be reduced to 1.06%. For every 100 actual miles traveled by the vehicle, it would register 101.6 on the odometer.

Odometer adaptor gear information and percent of error in odometer readings for the various transmission, rear axle and tire combinations can be obtained from the Zone Service Manager.

► DESIGN AND FEATURES

Hotchkiss drive is featured on all Chevrolet trucks equipped with single rear axle except CS/CE10-20 models with the standard coil spring rear suspension. It is also used on CE/CS10-20 models with the optional leaf type rear suspension. Driveline serves only to transmit power between transmission and rear axle. Rear springs cushion the driving and braking forces at the rear axle for smooth operation. Hotchkiss drive keeps chassis weight down and provides efficient power transfer in all types of truck service.

CS/CE10-20 models with the standard coil spring rear suspension utilize radius rods to control braking and acceleration forces. This leaves the coil springs to act as elastic members only.

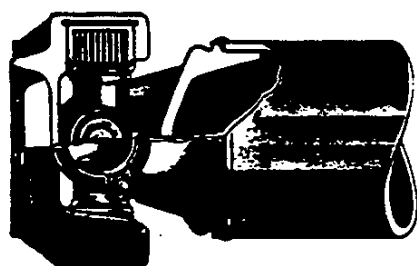
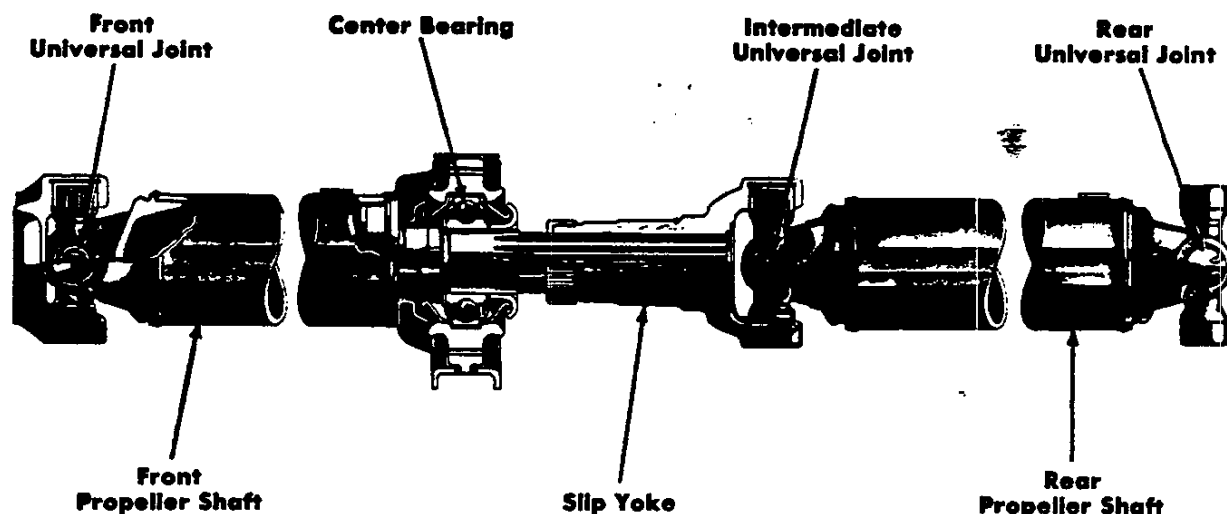
Drivelines for Chevrolet trucks are engineered for reserve torque capacity, accurate balance, high rigidity and resistance to vibration.

Propeller shafts are made of smooth-wall steel tube. Length and tube diameters are proportioned for high rigidity to minimize flexing or "whip."

Universal joints are efficient needle bearing type. Trunnions are drop-forged and hardened for wear resistance and long life.

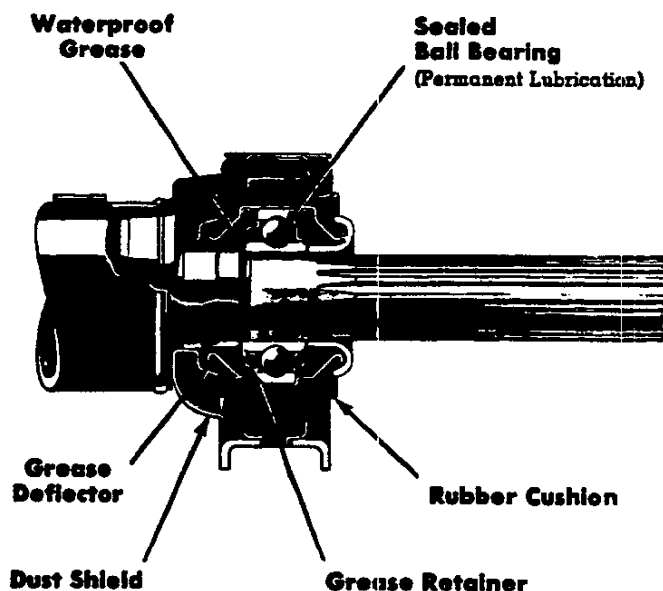
Center bearings, standard on many models, divide driveline into short, rigid propeller shafts. Cushion mounting minimizes transfer of vibrations.

Slip yoke adjusts length of driveline to match normal movement of rear axle over bumps, frees driveline of end stresses.



Universal Joint

Low-friction universal joints provide reserve torque capacity and efficient transfer of driving force to rear axle.



Center Bearing

Rubber-cushioned center bearing isolates propeller shafts, reduces transfer of possible vibrations on all models equipped with multiple propeller shafts.

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TURBO-THRIFT 230 SIX

Applications

Standard: El Camino (13380, 13580)
Optional: None

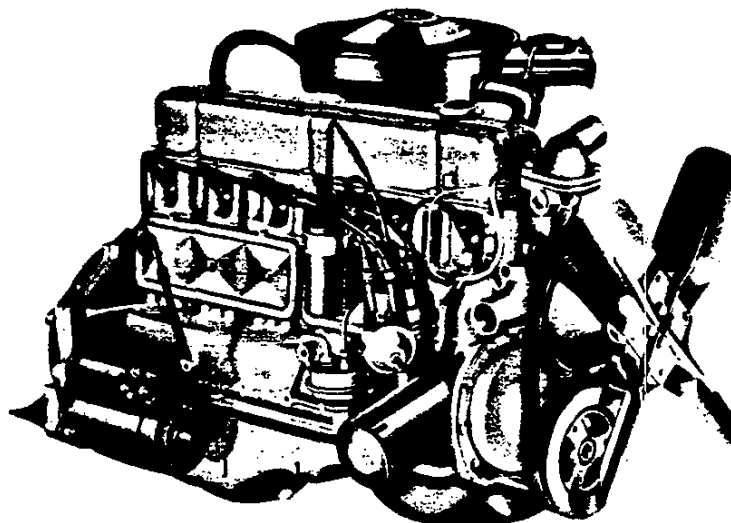
Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....230 cu in
Bore & stroke (nominal).....3 $\frac{3}{8}$ " x 3 $\frac{1}{4}$ "
Compression ratio.....8.5:1
Carburetor type.....1-barrel

Test Procedures

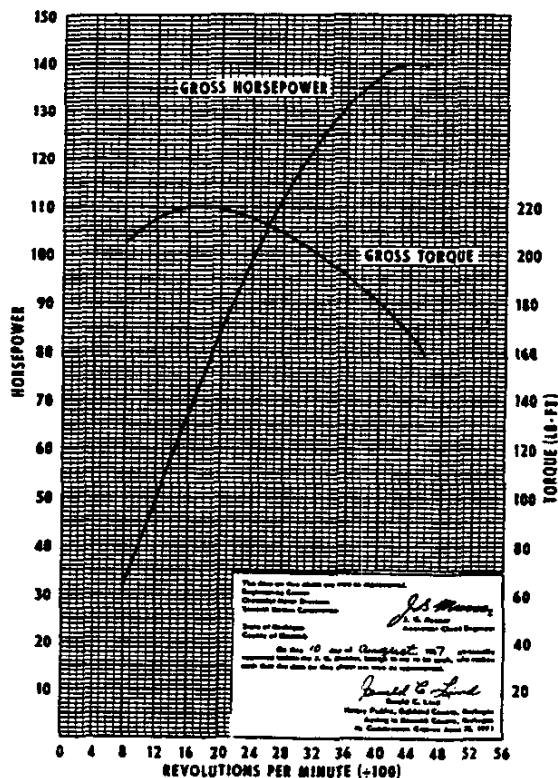
These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.



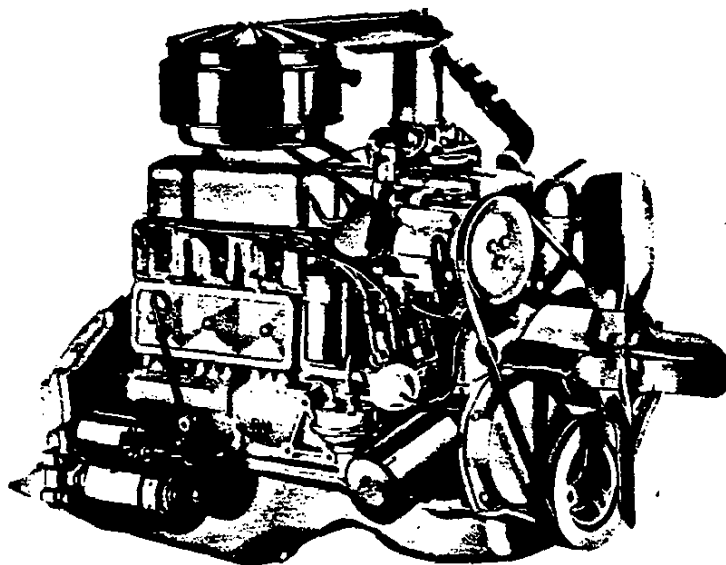
With A.I.R. or C.C.S.*

Gross horsepower.....140 @ 4400 rpm
Gross torque, lb.-ft.....220 @ 1600 rpm



*I.R. (Air Injection Reactor) is used with the 230 Six on all El Caminos with manual transmissions & C.C.S. (Controlled Combustion System) used with automatic transmissions.

HIGH TORQUE 230 SI



230 Six with A.I.R. (PS10)

Applications

Standard: GS10-20; PS10
Optional: None

Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....230 cu
Bore & stroke (nominal).....3 1/8" x 3
Compression ratio.....8.1
Carburetor type.....1-bar

Test Procedures

These curves represent full-throttle performance obtained from dynamometer test data corrected barometric pressure of 29.92" mercury and 60 dry air.

Gross horsepower and torque were obtained in regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging at optimum spark advance.

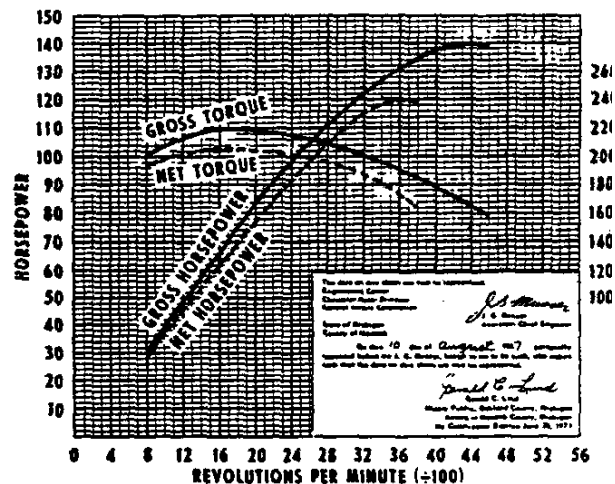
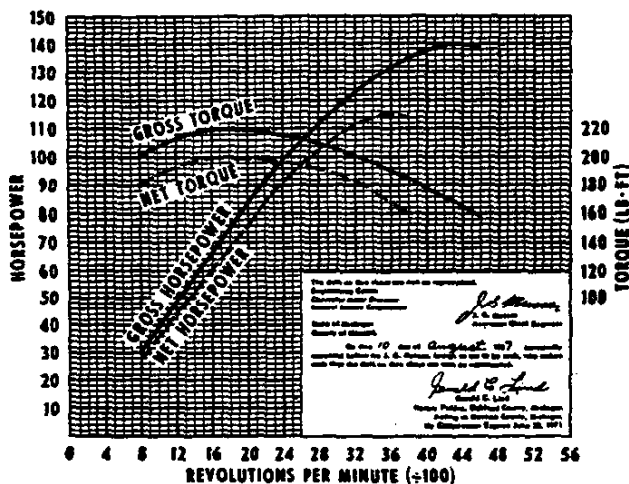
Net horsepower and torque were obtained from dynamometer test simulating actual operating conditions when the engine is in the vehicle.

With A.I.R.*

Gross horsepower.....140 @ 4400 rpm
Net horsepower.....115 @ 3600 rpm
Gross torque, lb-ft.....220 @ 1600 rpm
Net torque, lb-ft.....200 @ 2000 rpm

Without Exhaust Emission Controls*

Gross horsepower.....140 @ 4400 r
Net horsepower.....120 @ 3600 r
Gross torque, lb-ft.....220 @ 1600 r
Net torque, lb-ft.....205 @ 1600 r



*A.I.R. (Air Injection Reactor) is used with the 230 Six on all Series 10 models & Series 20 Sportvans with both manual & automatic transmissions. Series 20 Chevy-Vans do not have exhaust emission controls.

TURBO-THRIFT 250 SIX

Applications

Standard: None

Optional: El Camino (13380, 13580)

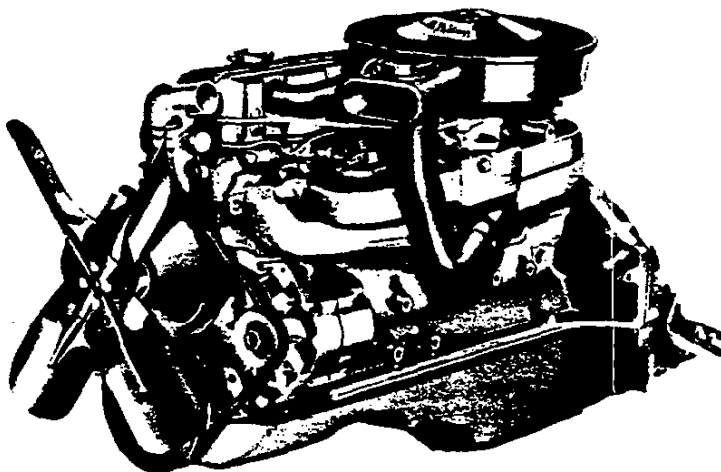
Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....250 cu in
Bore & stroke (nominal).....3.875" x 3.53"
Compression ratio.....8.5 to 1
Carburetor type.....1 barrel

Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

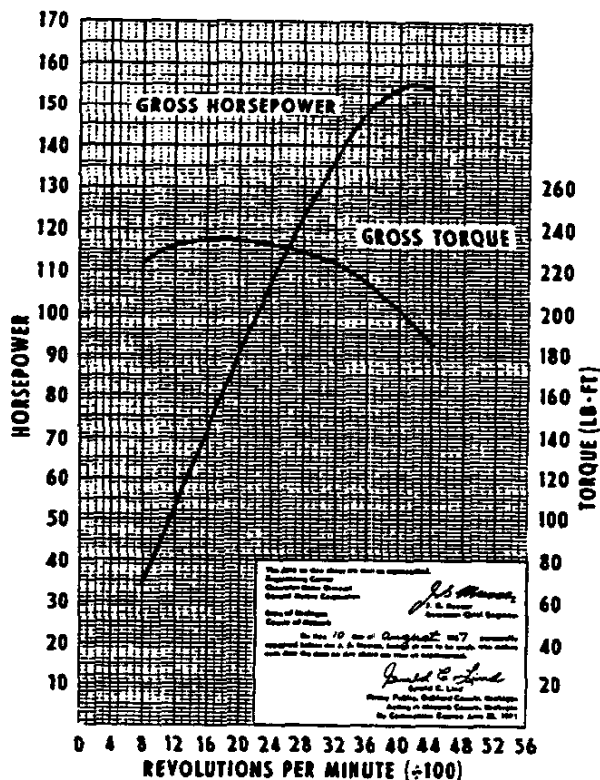
Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.



With A.I.R. or C.C.S.*

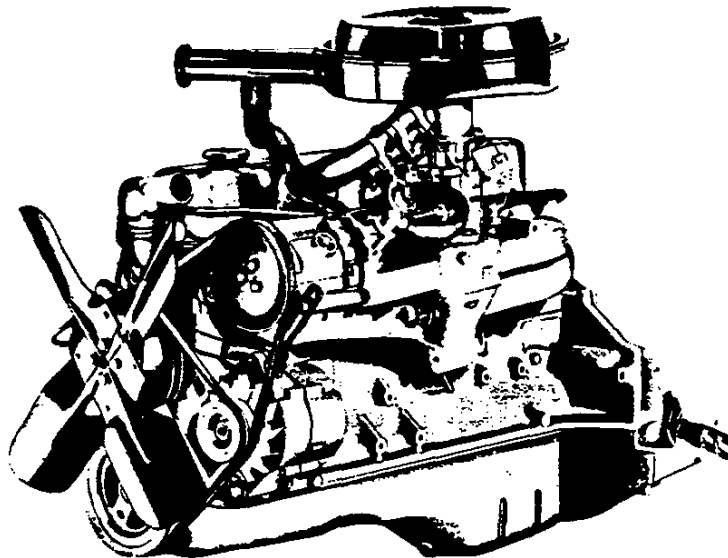
Gross horsepower.....155 @ 4200 rpm

Gross torque, lb-ft.....235 @ 1600 rpm



A.I.R. (Air Injection Reactor) is used with the 250 Six on all El Caminos with manual transmissions & C.C.S. (Controlled Combustion System) used with the automatic transmissions.

HIGH TORQUE 250 SIX



250 Six with A.I.R. (CS10)

Applications

Standard: CS10-40; KS10-20; PS20-40; SS40; TS40
Optional: GS10-20; PS10

Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....250 cu in
Bore & stroke (nominal).....3.875" x 3.53"
Compression ratio.....8.5 to 1
Carburetor type.....1-barrel

Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

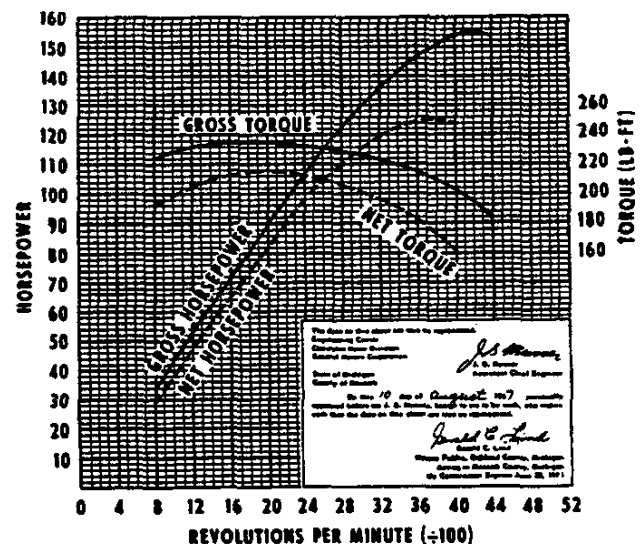
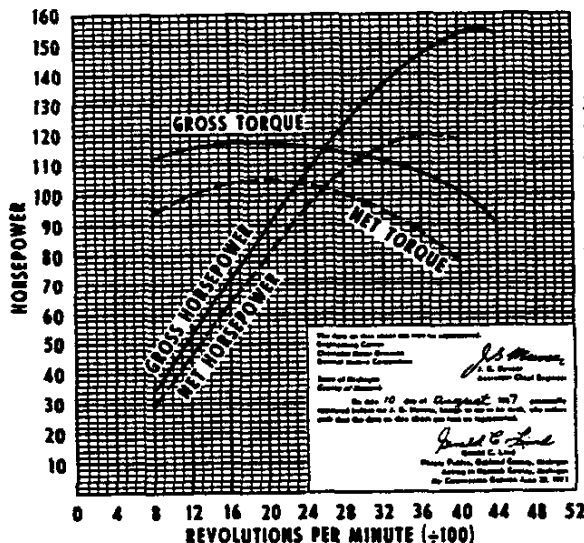
Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.

With A.I.R.*

Gross horsepower.....155 @ 4200 rpm
Net horsepower.....120 @ 3800 rpm
Gross torque, lb-ft.....235 @ 1600 rpm
Net torque, lb-ft.....210 @ 2000 rpm

Without Exhaust Emission Controls*

Gross horsepower.....155 @ 4200 rpm
Net horsepower.....125 @ 3800 rpm
Gross torque, lb-ft.....235 @ 1600 rpm
Net torque, lb-ft.....215 @ 2000 rpm



*A.I.R. (Air Injection Reactor) is used with the 250 Six on all Series 10 models & Series 20 Suburbans & Sportvans with both manual & automatic transmissions.

HIGH TORQUE 292 SIX

Applications

Standard: CS50-60; MS50; SS50; TS50-60
Optional: CS10-40; KS10-20; PS20-40; SS40; TS40

Basic Specifications

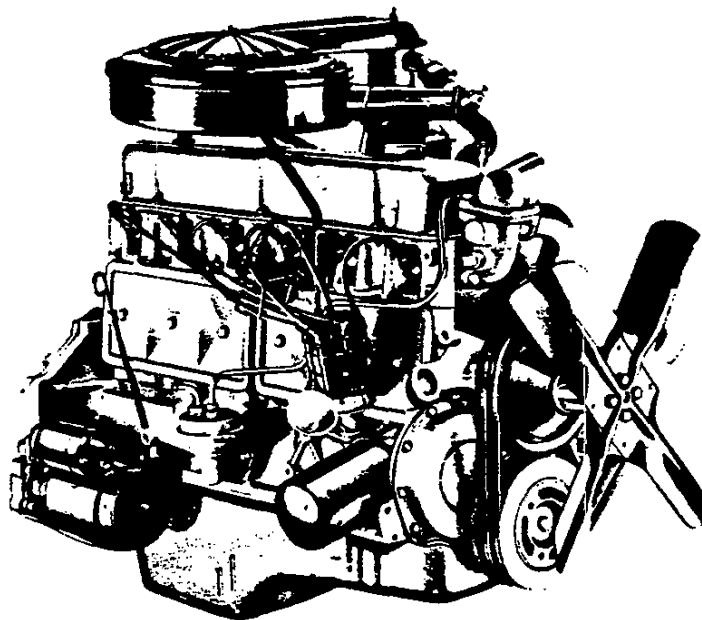
Engine type.....Valve-in-head
Piston displacement.....292 cu in
Bore & stroke (nominal)..... $3\frac{7}{8} \times 4\frac{1}{8}$ "
Compression ratio.....8.0 to 1
Carburetor type.....1-barrel

Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

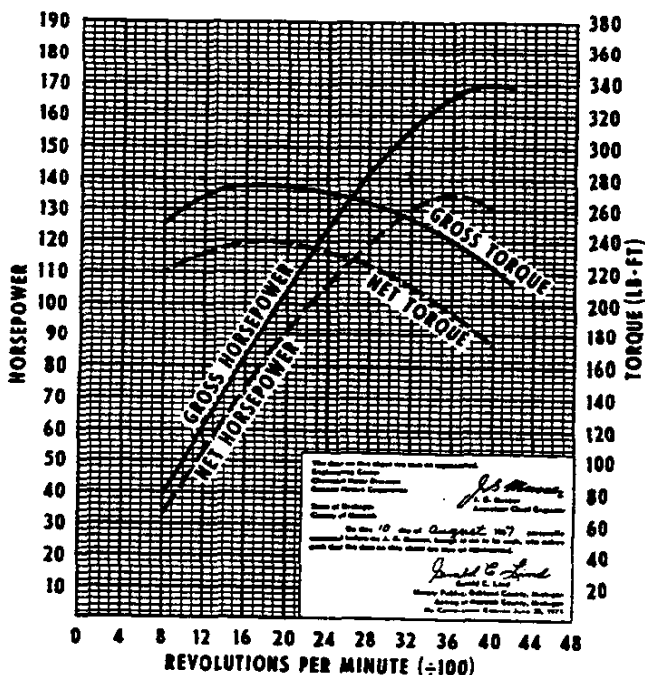
Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.



292 Six (CS50)

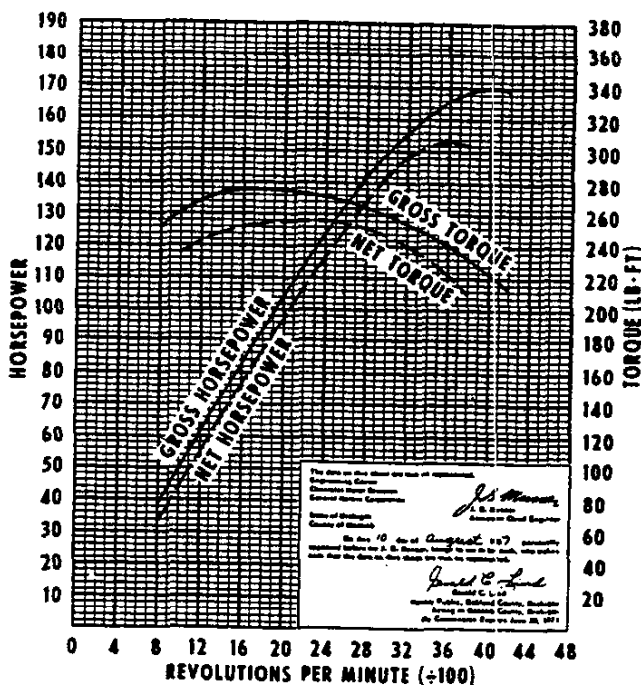
With A.I.R.*

Gross horsepower.....170 @ 4000 rpm
Net horsepower.....135 @ 3600 rpm
Gross torque, lb-ft.....275 @ 1600 rpm
Net torque, lb-ft.....240 @ 1800 rpm



Without Exhaust Emission Controls*

Gross horsepower.....170 @ 4000 rpm
Net horsepower.....153 @ 3600 rpm
Gross torque, lb-ft.....275 @ 1600 rpm
Net torque, lb-ft.....255 @ 2400 rpm



*A.I.R. (Air Injection Reactor) is used with the 292 Six on all Series 10 models & Series 20 Suburbans with both manual & automatic transmissions.

230, 250 & 292 SIX ENGINES

►ENGINE FEATURES*

Valve-in-head design—Inlet valves admit fuel mixture directly into cylinders, and exhaust valves allow burned gases to escape with a minimum of work-wasting restriction. Accessibility of valves makes these engines easy to service.

Independently mounted valve rockers—Each valve rocker is mounted on an individual ball pivot. Oil is fed through the hollow pushrods into the depressed tops of the valve rockers, thus assuring thorough pivot lubrication. Spill-over oil lubricates the valve stems.

Rotocells for 292 engine—The 292 engine is fitted with Rotocoil exhaust valve rotators. This reduces build-up of deposits on the valve faces and stems.

Regular grade fuel—No need for premium fuels with these high-efficiency engines—regular grade fuels will do the job. The high anti-knock characteristics of the combustion chamber assure full power with economical fuels.

Precision bearings—Connecting rod and main bearings are of the replaceable insert type. The inserts, made of specially selected bearing metals on tough steel shells, are precision fitted to main and connecting rod journals of the crankshaft.

Full crankshaft support—Bearings are used between every cylinder, a total of 7 bearings. Full crankshaft support reduces vibration and gives added durability. The 250 and 292 engines use a new design 12-weight crankshaft for smoothness and efficiency. (See illustration.)

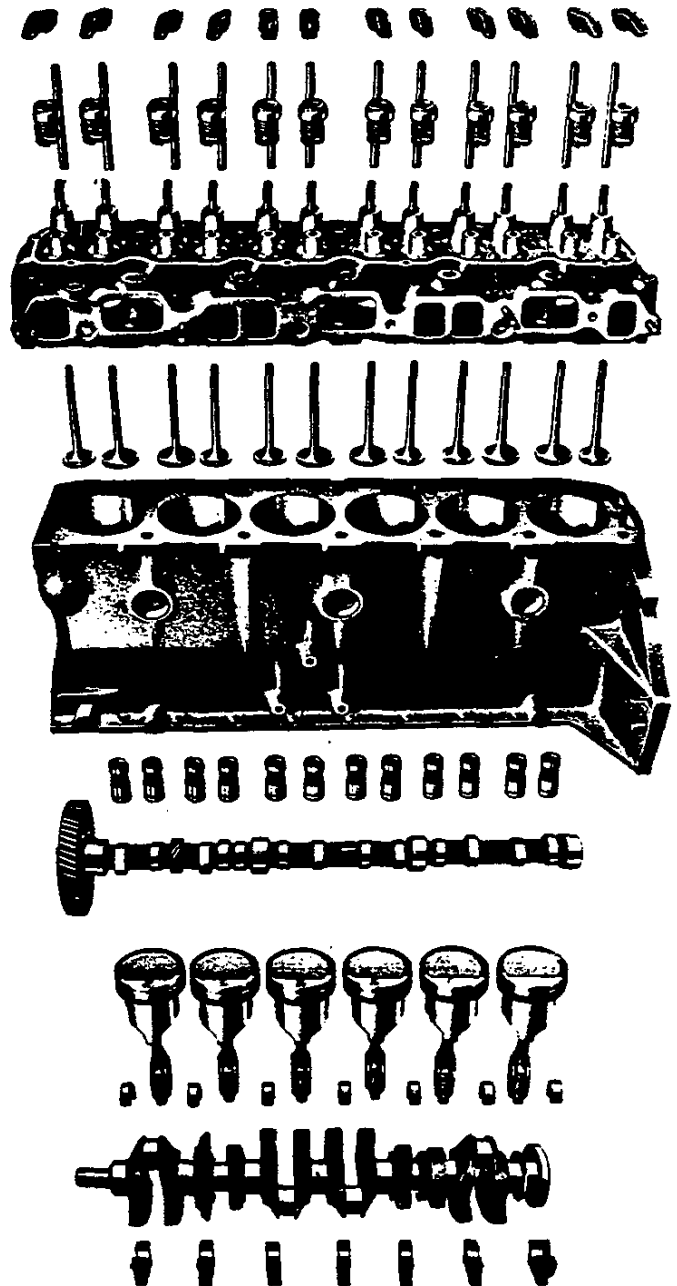
Precision-cast cylinder block—Precision casting techniques allow more efficient use of metal. Dead weight is kept to a minimum without sacrifice of strength in areas of high stress.

Pressurized cooling—Radiator cap keeps coolant under pressure. This permits coolant to operate at higher temperatures without boiling, thus giving greater cooling effectiveness and extra insurance against engine overheating.

Full-length water jackets—Coolant circulates the full length of the cylinder walls, keeping engine temperatures more uniform and reducing engine wear.

Air cleaners—Long engine life is assured by efficient air cleaners which remove harsh abrasive dust.

Closed positive ventilation systems—Engines are protected against acid- and sludge-forming vapors by closed positive engine ventilation systems which conduct crankcase vapors back through the engine where they are burned and expelled by the exhaust system.



250 Engine Shown

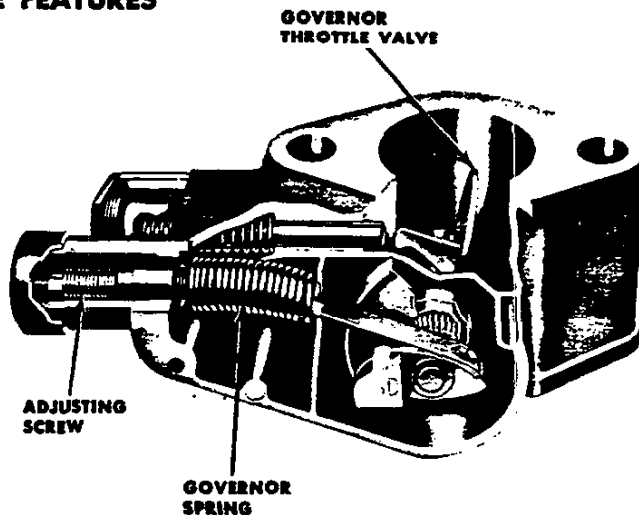
*High Torque engines only. See the Specifications charts for data on Turbo-Thrift engines (El Camino).

230, 250 & 292 SIX ENGINES

➤ENGINE FEATURES*

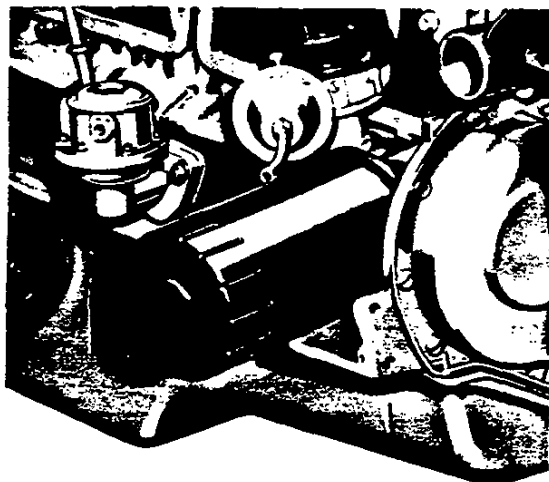
Optional governors—The 250 and 292 engines can be fitted with governors on which the maximum engine speed can be adjusted within a certain range. These governors are King-Seely velocity type (see diagram at right). The mixture rushing through the governor body from the carburetor tends to draw the offset throttle valve in the governor closed. The spring attached to the throttle valve resists closure until the volume of mixture exceeds the predetermined setting and the valve closes, restricting the engine rpm. Adjustment is simple and foolproof. The setting ranges are:

250.....	1800 rpm to 3000 rpm
	2800 rpm to 4000 rpm
292.....	2100 rpm to 3000 rpm
	2800 rpm to 3900 rpm

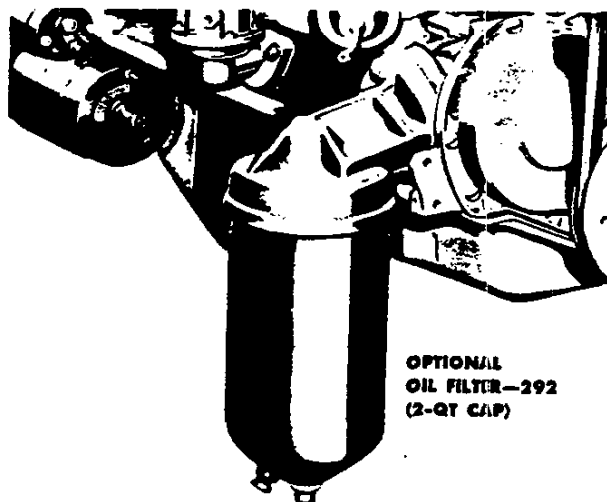


Oil filters—All in-line gasoline engines utilize a full-flow throwaway element oil filter as standard equipment.

Optional oil filter—Most Series 50 & 60 trucks with the 292 engine can be fitted with an optional 2-quart full-flow replaceable-element-type oil filter. This replaces the 1-quart filter used as standard equipment.



STD OIL FILTER—292
(1-QT CAP)



OPTIONAL
OIL FILTER—292
(2-QT CAP)

Fuel filters—A fine mesh strainer in the fuel tank and a pleated fiber filter inside the carburetor inlet are included with all in-line engine applications to ensure protection for the engine's fuel system.

Optional fuel filter equipment is available. It provides a frame-mounted replaceable-element fuel filter.

Hydraulic valve lifters—Both intake and exhaust valves have quiet no-adjustment hydraulic valve lifters that eliminate periodic tappet re-settings.

Optional tachometer—An electric tachometer is available optionally on most models.

High Torque engines only. See the Specifications charts for data on Turbo-Thrift engines (El Camino).

➤Indicates Change

230, 250 & 292 SIX ENGINES

→ SPECIFICATIONS

	Turbo-Thrift		High Torque					
	230	250	230★	230°	250★	250°	292★	292°
Basic Description		Six cylinder in-line; valve-in-head						
Displacement (cu in)	230	250	230	230	250	250	292	292
Bore & Stroke (in)	3 3/4 x 3 3/4	3.875 x 3.53	3 3/4 x 3 3/4	3 3/4 x 3 3/4	3.875 x 3.53	3.875 x 3.53	3 3/4 x 4 1/4	3 3/4 x 4 1/4
Compression Ratio	8.5:1	8.5:1	8.5:1	8.5:1	8.5:1	8.5:1	8.0:1	8.0:1
Firing Order								
Gross Horsepower @ rpm	140 @ 4400	155 @ 4200	140 @ 4400	140 @ 4400	155 @ 4200	155 @ 4200	170 @ 4000	170 @ 4000
Net Horsepower @ rpm	—	—	115 @ 3600	120 @ 3600	120 @ 3800	125 @ 3800	135 @ 3600	153 @ 3600
Gross Torque (lb-ft) @ rpm	220 @ 1600	235 @ 1600	220 @ 1600	220 @ 1600	235 @ 1600	235 @ 1600	275 @ 1600	275 @ 1600
Net Torque (lb-ft) @ rpm	—	—	200 @ 2000	205 @ 1600	210 @ 2000	215 @ 2000	240 @ 1800	255 @ 2400
Air Cleaner		See model pages for type						
Bearings, Camshaft		Steel-backed babbitt or copper lead alloy						
Inlet Valve	Opens	16° BTC						45° BTC
	Closes	48° ABC						99° ABC
Exhaust Valve	Opens	46° 30' BBC						88° BBC
	Closes	17° 30' ATC						59° ATC
Inlet Duration	w/o Ramp	244°						294°
Exhaust Duration	w/o Ramp	244°						294°
Carburetor								
Type	1-Barrel downdraft							
Make	Rochester							
Venturi ID (in)	1.343	1.3125	1.343		1.3125		1.625	
Throttle Bore (in)	1.560	1.6875	1.560		1.6875		1.750	
Choke Control	Automatic		Manual					
Connecting Rods								
Material	Forged steel							
Length (in)	5.70							
Bearings	Steel backed babbitt or copper lead alloy						Premium aluminum	
Crankcase Ventilation		Closed positive						
Crankshaft								
Material	Nodular iron							
Number of Counterweights	4	12	4				12	
Main Journals (in)	2.2983—2.2993							
Crankpin Journals (in)	1.999—2.000						2.099—2.100	
Torsional Damper	Inertia, hysteresis							
Bearings	Sintered copper nickel backed babbitt on steel or copper lead alloy						Premium aluminum	
Distributor		Delco-Remy; centrifugal & vacuum advance						
Fuel Filters								
Carburetor	Pleated fiber element							
Fuel Tank	Wire mesh							
Governor								
Availability	—	—	—	—			Optional	
Make	—	—	—	—			King-Seely	
Type	—	—	—	—			Velocity	
Setting	Low Range	—	—	—		1800—3000	2100—3000	
	High Range	—	—	—	—	2800—4000	2800—3900	
Lubrication System		Full pressure						
Main Bearings	Direct pressure							
Camshaft Bearings	Direct pressure							
Timing Gear	Sprayed by nozzle							
Connecting Rods	Direct pressure							
Valve Mechanism	Pressure & gravity							
Cylinder Walls	Cross sprayed by pressurized jets							
Piston Pins	Cross sprayed by pressurized jets							

★With A.I.R. °Without exhaust emission controls

230, 250 & 292 SIX ENGINES

> SPECIFICATIONS

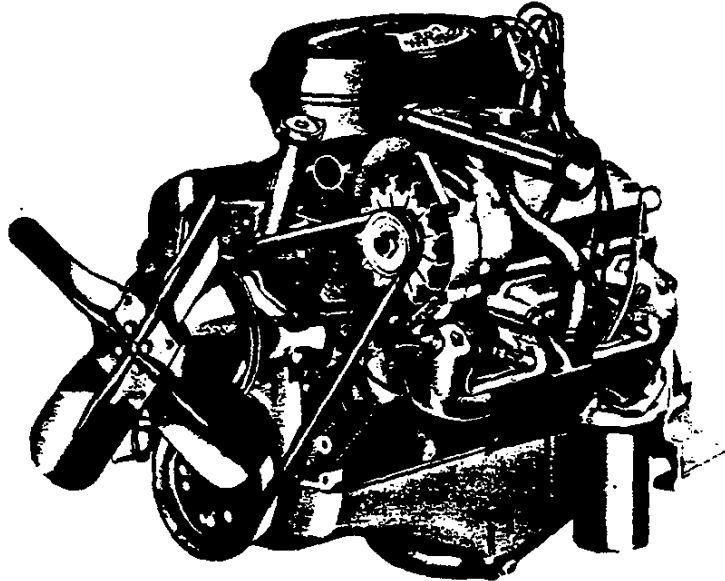
	Turbo-Thrift		High Torque					
	230	250	230 ★	230 *	250 ★	250 *	292 ★	292 *
Oil Capacity (qts)								
With filter change	5						6	
W/o filter change	4						5	
Oil Filter								
Standard	Full flow; throwaway type							
Capacity (qts)	1							
Optional	—							Replaceable element ●
Capacity	—							
Oil Pump								
Type	Spur gear, distributor shaft driven							
Capacity (gpm)	4.5 to 6 @ 2000 rpm							
Normal Pressure (psi)	40 to 60 @ 2000 rpm							
Pistons								
Type	Autothermic							
Material	Cast aluminum alloy							
Skirt	Open slipper	Closed slipper	Open slipper		Closed slipper		Full	
Head	Flat	Sump	Flat		Sump		Sump	
Piston Pins								
Type	Rod shrink fit to pin							
Material	Chromium-steel							
Piston Rings								
Compression Rings								
Number	2							
Type	Inside bevel							
Material	Cast alloy iron							
Oil Control Rings								
Number	1							
Type	Multi-piece							
Material	Steel							
Thermostat	Harrison; 195°							
Valve Train								
Type	Individually mounted rocker arms, push rod actuated							
Lifters	Hydraulic							
Rocker Arm Ratio	1.75:1							
Valve Guides	Integral with cylinder head							
Valve Lash	Zero							
Intake Valves								
Material	Alloy steel							
Diameter (in)	1.72							
Face Coating	None						Aluminized	
Seats	Machined in cylinder head							
Exhaust Valves								
Material	21-4N							
Diameter (in)	1.50							
Face Coating	None						Cobalt based alloy	
Seats	Cast alloy iron							
Rotators	None						— Rotocoil	
Water Pump								
Type	Centrifugal							
Capacity (gpm)	60 @ 4400						70 @ 4400	

★With A.I.R.

●Series 50-60 only

*Without exhaust emission controls

TURBO-FIRE 307 V



Applications

Standard: El Camino (13480, 13680)
Optional: None

Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....307 cu in.
Bore & stroke (nominal).....3 7/8" x 3 1/2"
Compression ratio.....9.0:1
Carburetor type.....2-barrel

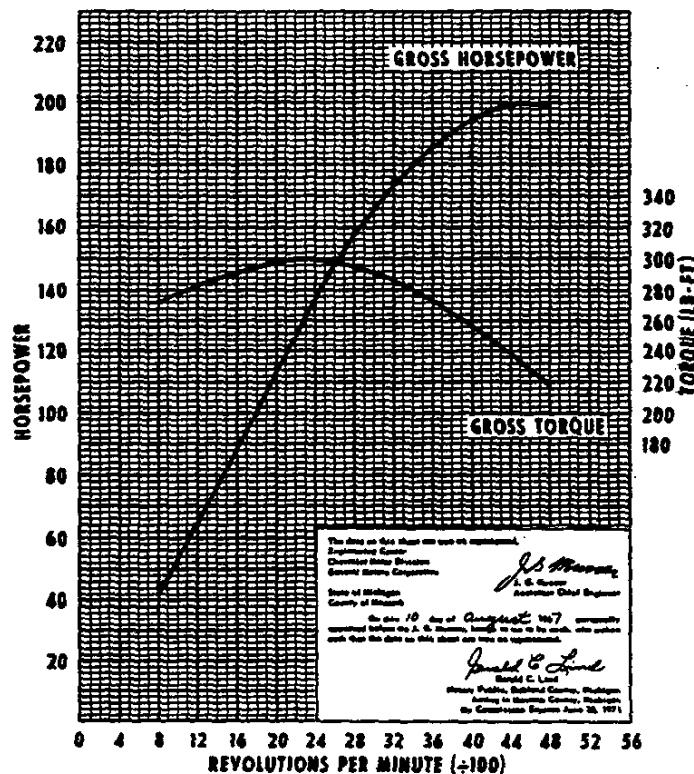
Test Procedures

These curves represent full-throttle performance obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° dry air.

Gross horsepower and torque were obtained from regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, optimum spark advance.

With A.I.R. or C.C.S.*

Gross horsepower.....200 @ 4600 rpm
Gross torque, lb.-ft.....300 @ 2400 rpm



*A.I.R. (Air Injection Reactor) is used with the 307 V8 on all El Caminos with manual transmissions & C.C.S. (Controlled Combustion System) is used with automatic transmissions.

HIGH TORQUE 307 V8

Applications

Standard: CE10-30; GE10-20; KE10-20; PE20-30
Optional: None

Basic Specifications

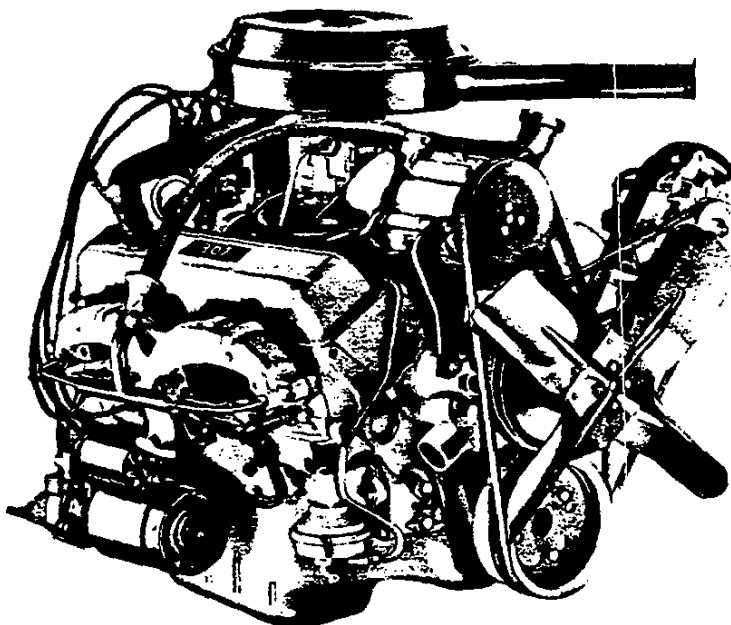
Engine type.....Valve-in-head
Piston displacement.....307 cu in
Bore & stroke (nominal)..... $3\frac{7}{8} \times 3\frac{1}{4}$ "
Compression ratio.....9.0:1
Carburetor type.....2-barrel

Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

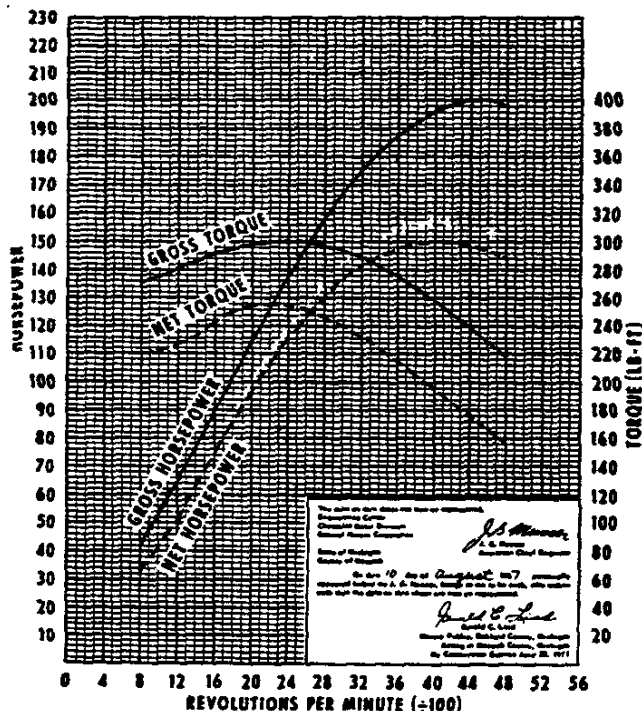
Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.



307 V8 with A.I.R. (CE10)

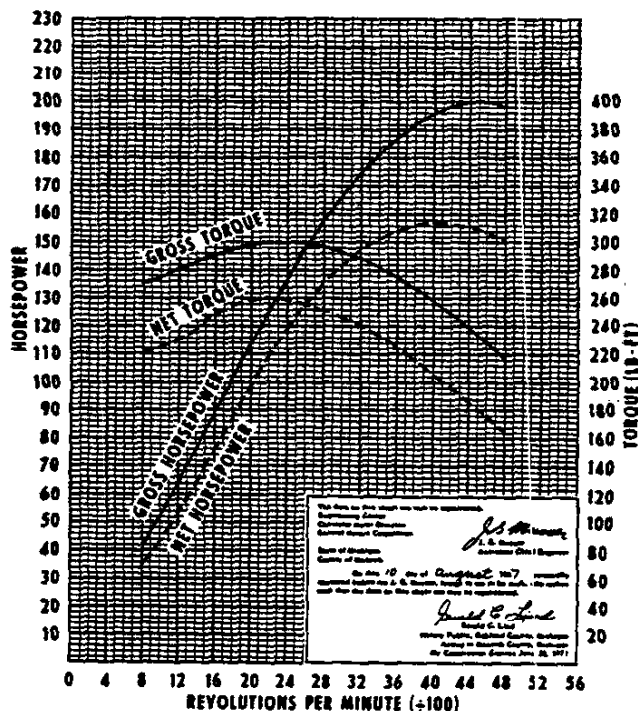
With A.I.R.*

Gross horsepower.....200 @ 4600 rpm
Net horsepower.....150 @ 4000 rpm
Gross torque, lb-ft.....300 @ 2400 rpm
Net torque, lb-ft.....255 @ 2000 rpm



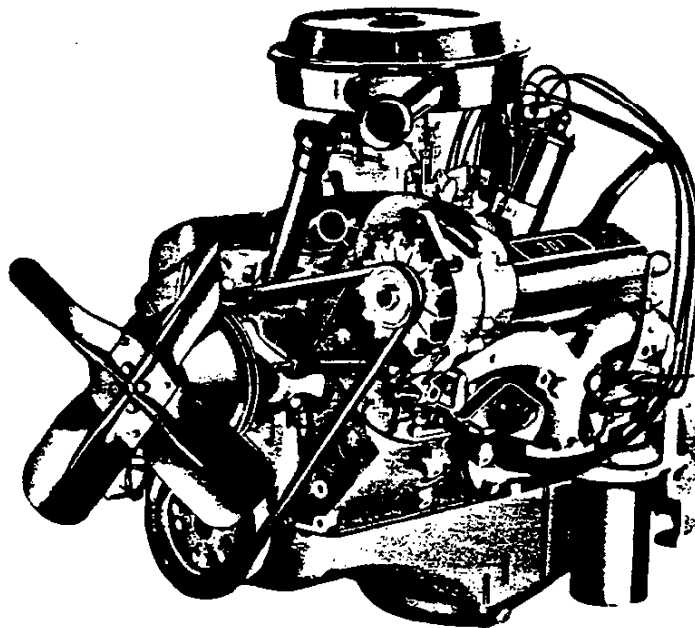
With C.C.S. or Without Exhaust Emission Controls*

Gross horsepower.....200 @ 4600 rpm
Net horsepower.....157 @ 4000 rpm
Gross torque, lb-ft.....300 @ 2400 rpm
Net torque, lb-ft.....260 @ 2200 rpm



A.I.R. (Air Injection Reactor) is used with the 307 V8 on all Series 10 models & Series 20 Suburbans & Sportvans with manual transmissions & C.C.S. (Controlled Combustion System) is used with automatic transmissions. Series 20-30 models (except Series 20 Suburbans Sportvans) do not use exhaust emission controls.

HIGH TORQUE 307 V8



307 V8 (CE40)

Applications

Standard: CE40; TE40
Optional: None

Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....307 cu in
Bore & stroke (nominal).....3 $\frac{1}{8}$ " x 3 $\frac{1}{4}$ "
Compression ratio.....8.25:
Carburetor type.....2-barrel

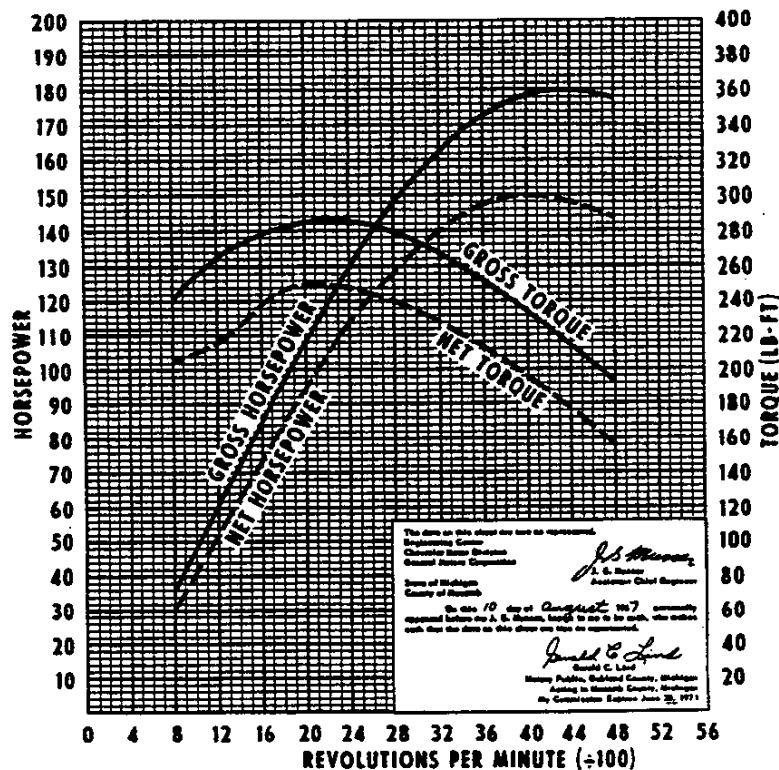
Test Procedures

These curves represent full-throttle performance obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° dry air.

Gross horsepower and torque were obtained in regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, an optimum spark advance.

Net horsepower and torque were obtained from dynamometer test simulating actual operating conditions when the engine is in the vehicle.

Gross horsepower.....180 @ 4400 rpm
Net horsepower.....150 @ 4000 rpm
Gross torque, lb-ft.....285 @ 2400 rpm
Net torque, lb-ft.....250 @ 2000 rpm



TURBO-FIRE 327 V8

Applications

Standard: None
Optional: El Camino (13480, 13680)

Basic Specifications

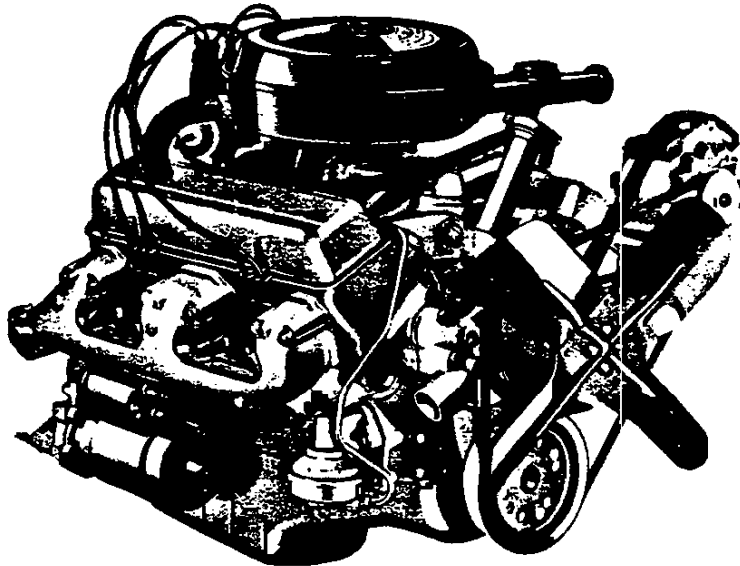
Engine type.....	Valve-in-head
Piston displacement.....	327 cu in
Bore & stroke (nominal).....	4" x 3¼"
Compression ratio.....	8.75:1
Carburetor type.....	4-barrel

Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

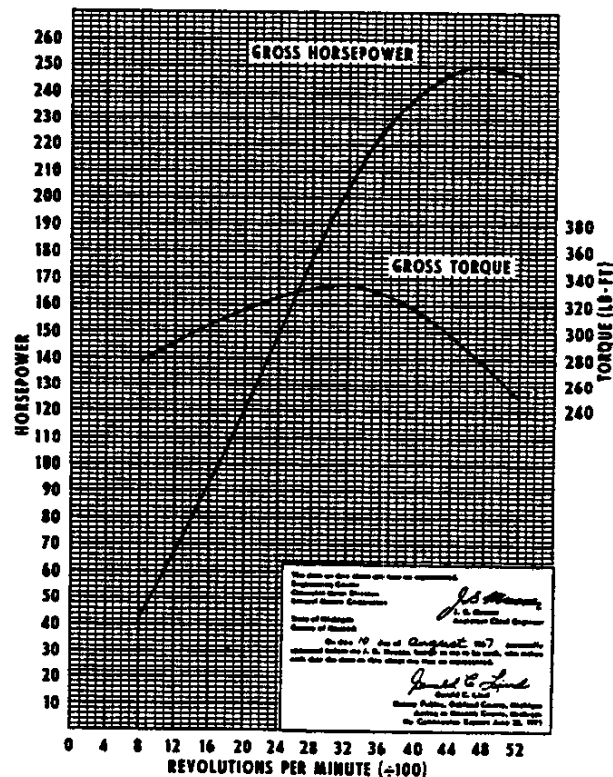
Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.



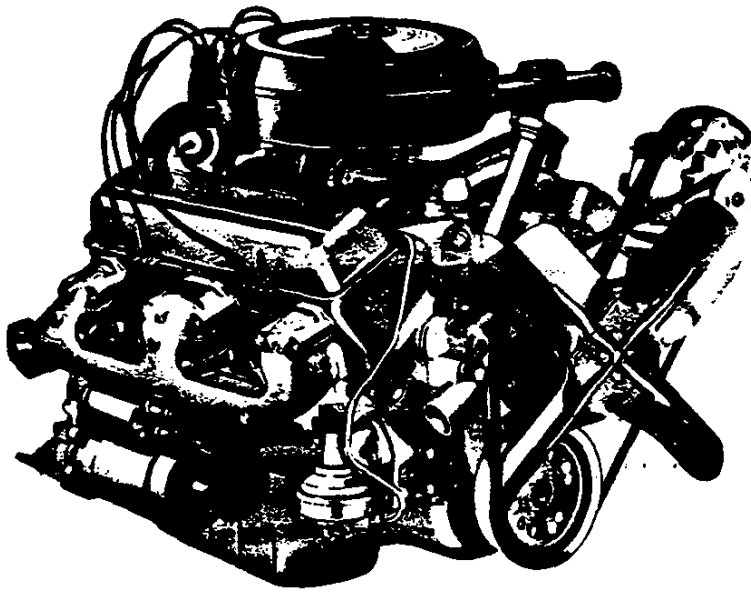
With A.I.R. or C.C.S.*

Gross horsepower.....	250 @ 4800
Gross torque, lb-ft.....	335 @ 3200



*A.I.R. (Air Injection Reactor) is used with the 327 V8 on all El Caminos with manual transmissions & C.C.S. (Controlled Combustion System) is used with automatic transmissions.

TURBO-FIRE 327 V8



Applications

Standard: None
Optional: El Camino (13480, 13680)

Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....327 cu.
Bore & stroke (nominal).....4" x 3 1/4"
Compression ratio.....10.0
Carburetor type.....4-barrel

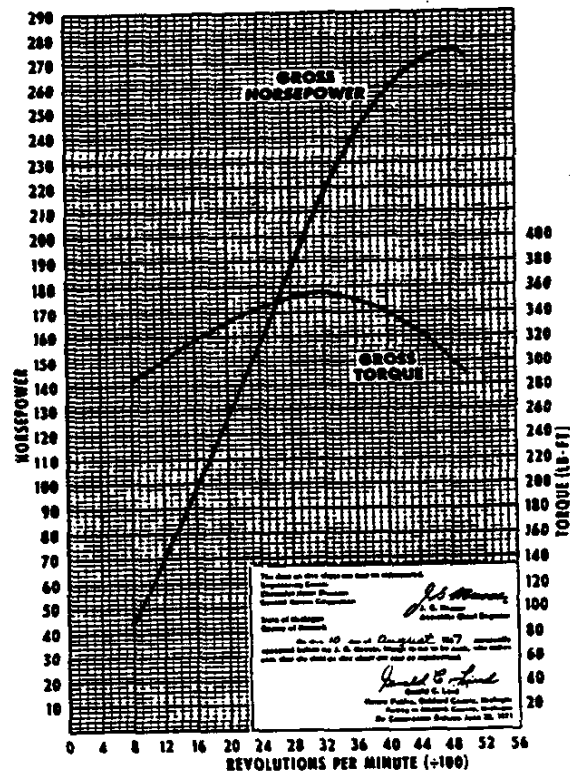
Test Procedures

These curves represent full-throttle performance obtained from dynamometer test data corrected barometric pressure of 29.92" mercury and 60 dry air.

Gross horsepower and torque were obtained in regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, at optimum spark advance.

With A.I.R. or C.C.S.*

Gross horsepower.....275 @ 4800 rpm
Gross torque, lb.-ft.....355 @ 3200 rpm



TURBO-FIRE 327 V8

Applications

Standard: None

Optional: El Camino (13480, 13680)

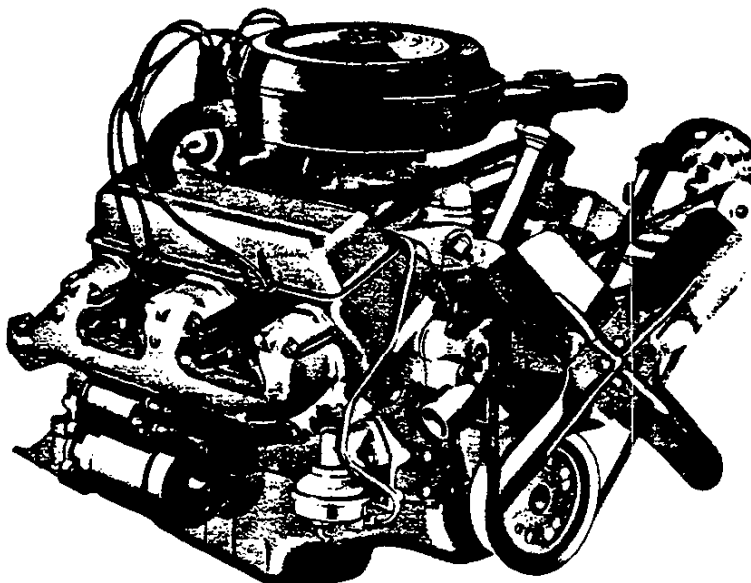
Basic Specifications

Engine type	Valve-in-head
Piston displacement	327 cu in
Bore & stroke (nominal)	4" x 3¼"
Compression ratio	11.0:1
Carburetor type	4-barrel

Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60°F dry air.

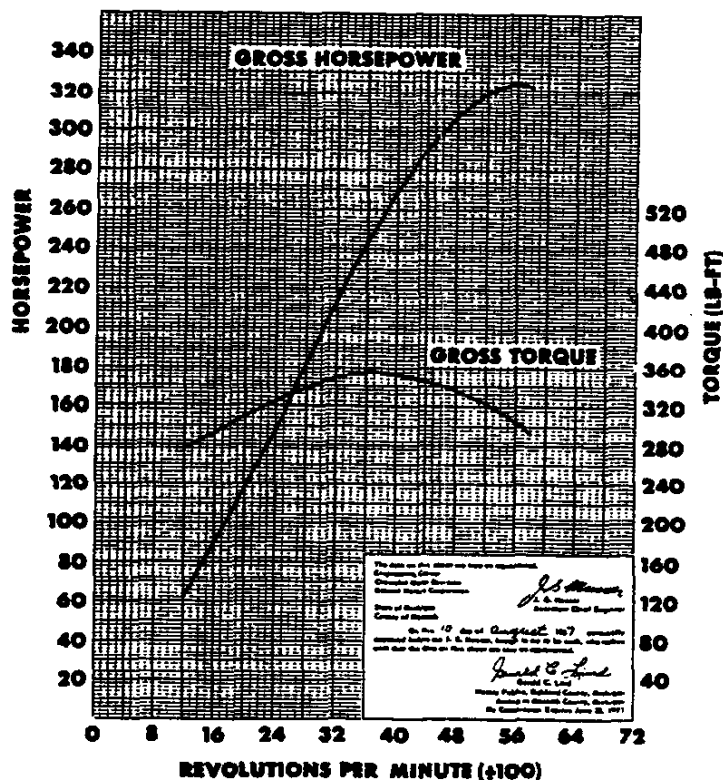
Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.



With A.I.R. or C.C.S.*

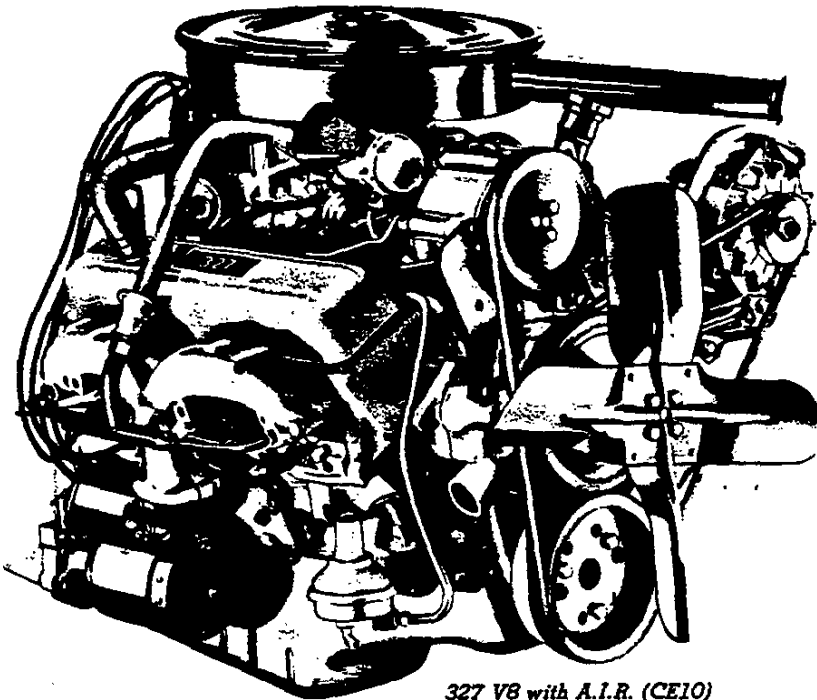
Gross horsepower.....325 @ 5600 rpm

Gross torque, lb-ft.....355 @ 3600 rpm



*A.I.R. (Air Injection Reactor) is used with the 327 V8 on all El Caminos with manual transmissions & C.C.S. (Controlled Combustion System) is used with automatic transmissions.

HIGH TORQUE 327 V8



327 V8 with A.I.R. (CE10)

Applications

Standard: None
Optional: CE10-30; KE10-20; PE20-30

Basic Specifications

Engine type..... Valve-in-head
Piston displacement..... 327 cu in
Bore & stroke (nominal)..... 4" x 3 1/4"
Compression ratio..... 8.5:1
Carburetor type..... 4-barrel

Test Procedures

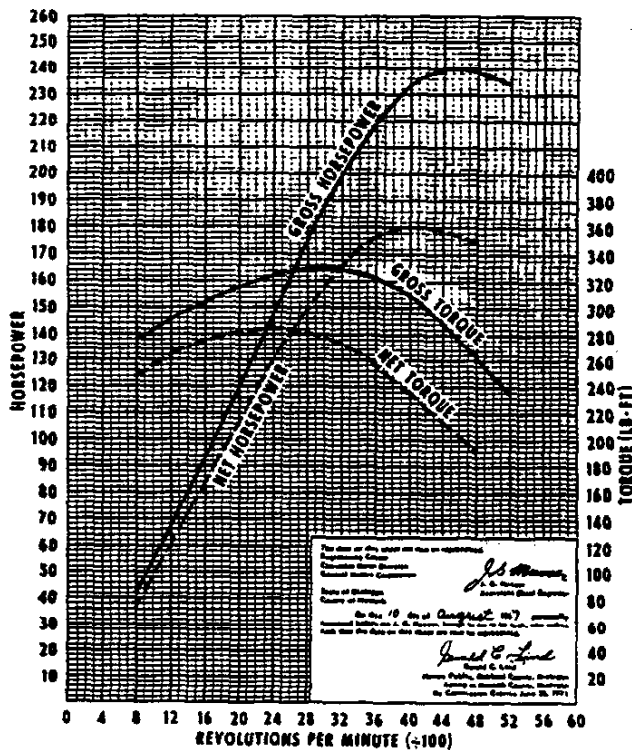
These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.

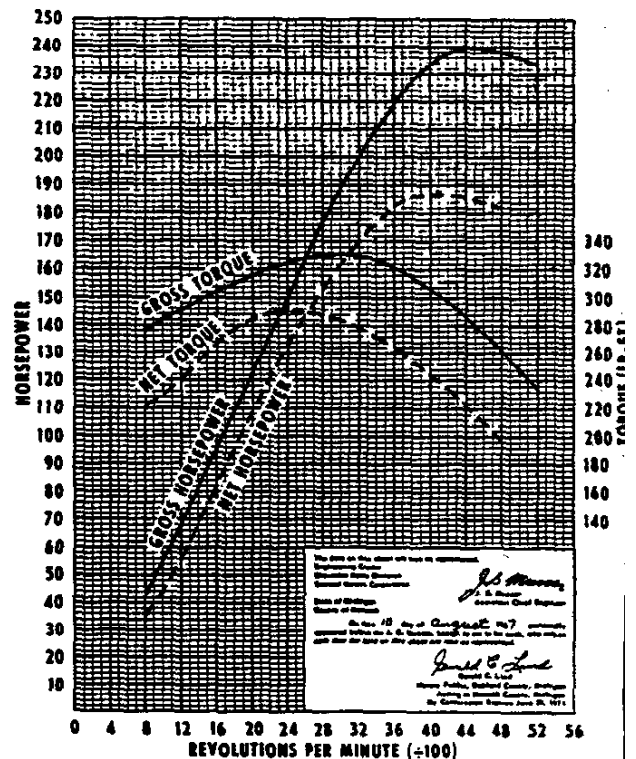
With A.I.R.*

Gross horsepower..... 240 @ 4400 rpm
Net horsepower..... 180 @ 4000 rpm
Gross torque, lb.-ft..... 330 @ 3000 rpm
Net torque, lb.-ft..... 285 @ 2400 rpm



With C.C.S. or Without Exhaust Emission Controls*

Gross horsepower..... 240 @ 4400 rpm
Net horsepower..... 187 @ 4000 rpm
Gross torque, lb.-ft..... 330 @ 3000 rpm
Net torque, lb.-ft..... 290 @ 2400 rpm



*A.I.R. (Air Injection Reactor) is used with the 327 V8 on all Series 10 models & Series 20 Suburbans with manual transmissions & C.C. (Controlled Combustion System) is used with automatic transmissions. Series 20-30 models (except Series 20 Suburbans) do not use exhaust emission controls.

HIGH TORQUE 327 V8

Applications

Standard: CES0-60; MES0; SES0; TES0-60
Optional: None

Basic Specifications

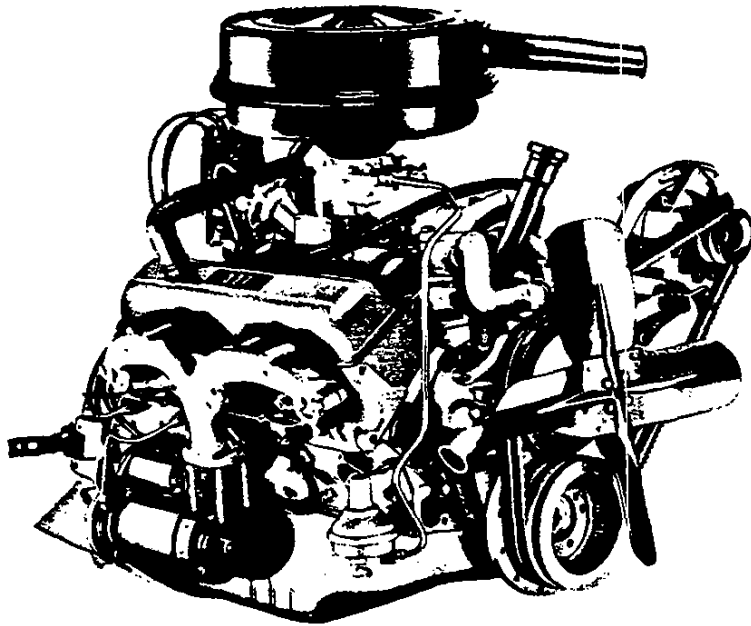
Engine type.....Valve-in-head
Piston displacement.....327 cu in
Bore & stroke (nominal).....4" x 3¼"
Compression ratio.....8.0:1
Carburetor type.....2-barrel

Test Procedures

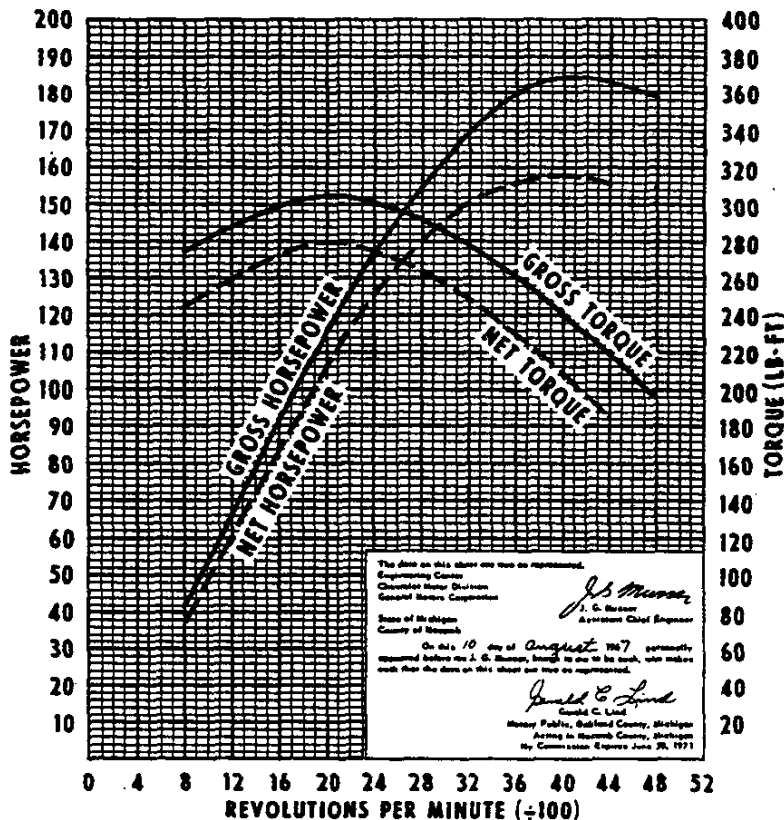
These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60°F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.



Gross horsepower.....185 @ 4000 rpm
Net horsepower.....158 @ 4000 rpm
Gross torque, lb-ft.....305 @ 2000 rpm
Net torque, lb-ft.....280 @ 2000 rpm



307 & 327 V8 ENGINES

→ENGINE FEATURES*



Valve-in-head design—Inlet valves admit fuel mixture directly into cylinders, and exhaust valves allow burned gases to escape with a minimum of work-wasting restriction. Accessibility of valves simplifies maintenance.

Independently mounted valve rockers—Each valve rocker is mounted on an individual ball pivot. Oil is fed through the hollow pushrods into the depressed tops of the valve rockers, thus assuring thorough pivot lubrication. Spill-over oil lubricates the valves.

Full-pressure lubrication—Assures proper lubrication of all moving parts. Bearing temperatures are kept low for longer life.

Full-flow oil filter—All engines are equipped with high-efficiency replaceable-element oil filters that increase engine life.

Alloy steel inlet valves—Tough alloy steel gives extra durability. Intake valves on the 327 V8 engine have aluminized faces to retard the formation of deposits, thereby increasing valve life and reducing maintenance requirements.

Long-life exhaust valves—The 327 V8 engine has valves faced with a cobalt-based alloy for long valve life. Aluminized exhaust valve faces on the 307 engine retard the formation of deposits.

Rotocoil valve rotators—All 327 V8's are fitted with Rotocoil exhaust valve rotators. These reduce build-up of deposits on valve faces and stems.

Hydraulic valve lifters—Both intake and exhaust valves have quiet zero-lash hydraulic valve lifters.

* High Torque engines only. See the Specifications charts for data on Turbo-Fire engines (El Camino).

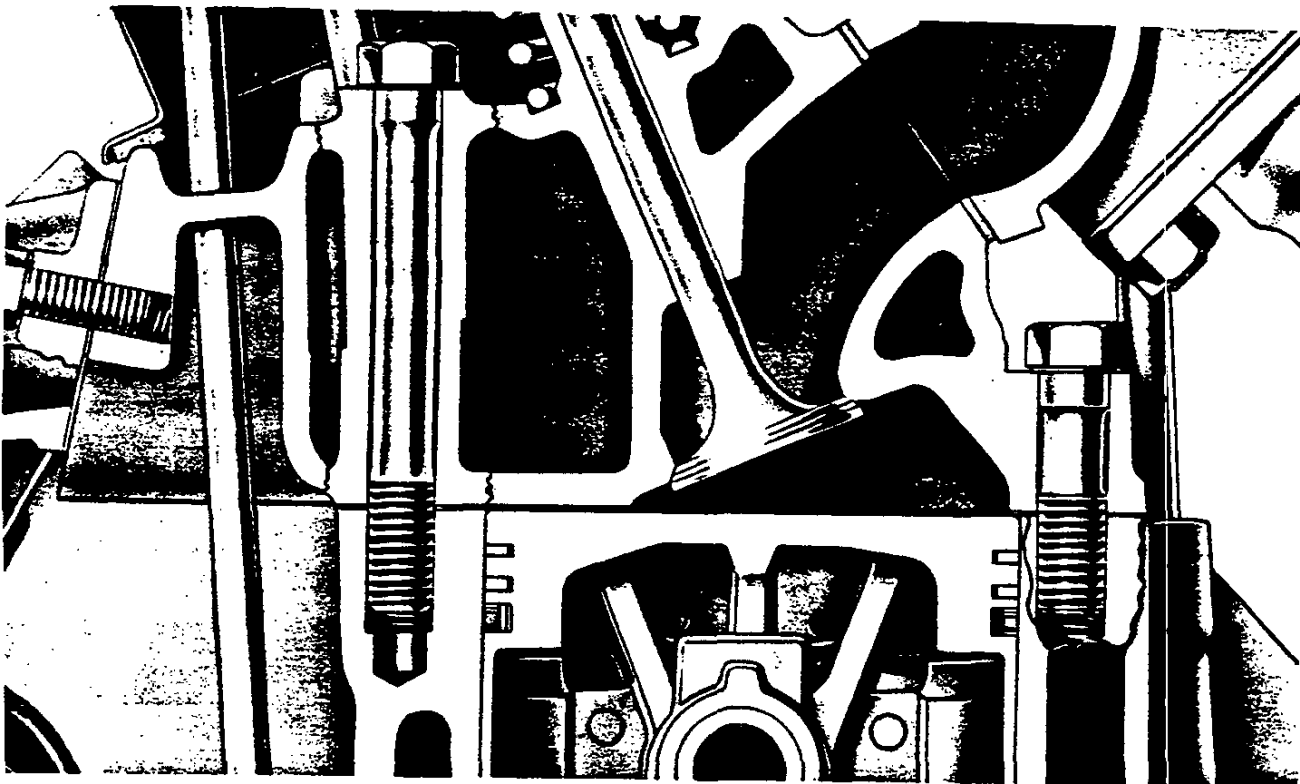
307 & 327 V8 ENGINES

➤ENGINE FEATURES*

Bypass cooling—Thermostatic control of coolant flow during warm-up of the 327 V8 engine brings it quickly up to proper running temperature and top operating efficiency.

Full-jacket cylinder cooling—Coolant circulates completely around the cylinder walls to keep engine temperatures more uniform and reduce engine wear.

Closed positive crankcase ventilation systems—Engines are protected against acid- and sludge-forming vapors by closed positive type ventilating systems. Crankcase vapors are backed into the engine where they are burned.



Precision distributor adjustment—A convenient access door in the distributor cap permits precision adjustment of breaker point gap while engine is running. This greatly simplified maintenance procedure assures more dependable ignition.

Air cleaners—Efficient air cleaners filter harsh, abrasive dust out of the intake air to protect the engine from excessive wear.

Optional governor—The 307 V8 engine can be fitted with a velocity-type governor on which the maximum engine speed can be adjusted within a certain range. The two available ranges are: 2300 rpm to 3100 rpm and 2800 rpm to 4100 rpm.

Optional tachometer—An electric tachometer reading up to 5000 rpm is available for all engines.

High Torque engines only. See the Specifications charts for data on Turbo-Fire engines (El Camino).

307 V8 ENGINES

➤ SPECIFICATIONS

	TURBO-FIRE		HIGH TORQUE		
	307 V8	307 V8*	307 V8*	307 V8■	
Basic Description		V8; valve-in-head			
Displacement (cu in)		307			
Bore & Stroke (in)		3.875 x 3.25			
Compression Ratio		9.0:1	9.0:1	9.0:1	8.25:1
Firing Order		1-8-4-3-6-5-7-2			
Gross Horsepower @ rpm		200 @ 4600	200 @ 4600	200 @ 4600	180 @ 4400
Net Horsepower @ rpm		—	150 @ 4000	157 @ 4000	150 @ 4000
Gross Torque (lb-ft) @ rpm		300 @ 2400	300 @ 2400	300 @ 2400	285 @ 2400
Net Torque (lb-ft) @ rpm		—	255 @ 2000	260 @ 2200	250 @ 2000
Air Cleaner		See model pages for type			
Camshaft					
Bearings		Steel-backed babbit			
Inlet Valve	Opens	38° BTC			
	Closes	92° ABC			
Exhaust Valve	Opens	88° BBC			
	Closes	52° ATC			
Inlet Duration	w/o Ramp	280°			
Exhaust Duration	w/o Ramp	288°			
Carburetor					
Type		2-Barrel			
Make		Rochester			
Venturi ID (in)		1.09			
Throttle Bore (in)		1.437			
Choke Control		Automatic	Manual		
Connecting Rods					
Material		Drop-forged steel			
Length (in)		5.70			
Bearings		Copper lead alloy or sintered copper nickel-backed babbit on steel			
Crankcase Ventilation		Closed positive			
Crankshaft					
Material		Cast nodular iron			
Number of Counterweights		6			
Main Journals (in)		2.45			
Crankpin Journals (in)		2.10			
Torsional Damper		Inertia; rubber mounted			
Bearings		Copper lead alloy or premium aluminum			
Distributor		Delco-Remy; centrifugal & vacuum advance			
Fuel Filter					
Carburetor		Pleated fiber element			
Fuel Tank		Mesh strainer			
Optional		None	In-line**		
Governor					
Availability		—	Optional		
Make		—	King-Seely		
Type		—	Velocity		
Setting	Low Range	—	2300-3100 rpm		
	High Range	—	2800-4100 rpm		
Lubrication System		Controlled full pressure			
Main Bearings		Direct pressure			
Camshaft Bearings		Direct pressure			
Timing Gear		Centrifugally sprayed			
Connecting Rods		Direct pressure			
Valve Mechanism		Pressure & gravity			
Cylinder Walls		Cross sprayed by pressurized jets			
Piston Pins		Cross sprayed by pressurized jets			

★With A.I.R.

*With C.C.S. or without exhaust emission controls

■Series 40

**Except G10-20

307 V8 ENGINES

→SPECIFICATIONS

	TURBO-FIRE	HIGH TORQUE		
	307 V8	307 V8*	307 V8*	307 V8■
Oil Capacity (qts)				
With filter change	5	5	5	6
W/o filter change	4	4	4	5
Oil Filter				
Standard	Full flow; throwaway type	Full flow; replaceable element		
Capacity (qts)	1	1		
Optional	None	None		
Capacity (qts)	—	—		
Oil Pump				
Type	Spur gear; distributor shaft driven			
Capacity (gpm)	4.01-4.22 @ 1170-1200 rpm			
Normal Pressure (psi)	30 @ 1170-1200 rpm			
Pistons				
Material	Cast aluminum alloy			
Skirt	Slipper			
Head	Flat; notched			Sump
Piston Pins				
Type	Rod shrink fit to pin			
Material	Chromium steel			
Piston Rings				
Compression Rings				
Number	2			
Type	Upper—barrel; lower—inside bevel			
Material	Cast alloy iron			
Oil Control Rings				
Number	1			
Type	Multi-piece			
Material	Steel			
Thermostat	Harrison; 195°			
Valve Train				
Type	Individually mounted rocker arms, push rod actuated			
Lifters	Hydraulic			
Rocker Arm Ratio	1.50:1			
Valve Guides	Integral with cylinder head			
Valve Lash	Zero			
Intake Valves				
Material	Alloy steel			
Diameter (in)	1.72			
Face Coating	None			
Seats	Machined in cylinder head			
Exhaust Valves				
Material	High alloy steel			
Diameter (in)	1.50			
Face Coating	Aluminized			
Seats	Machined in cylinder head			
Rotators	None			
Water Pump				
Type	Centrifugal			
Capacity (gpm)	52 @ 4000 rpm			

*With A.I.R.

*With C.C.S. or without exhaust emission controls

■Series 40

327 V8 ENGINES

→SPECIFICATIONS

	Turbo-Fire			High Torque		
	327 V8	327 V8	327 V8	327 V8*	327 V8*	327 V8M
Basic Description	V8; valve in head					
Displacement (cu in)	327					
Bore & Stroke (in)	4.0 x 3.25					
Compression Ratio	8.75:1	10.0:1	11.0:1	8.5:1	8.5:1	8.0:1
Firing Order	1-8-4-3-6-5-7-2					
Gross Horsepower @ rpm	250 @ 4800	275 @ 4800	325 @ 5600	240 @ 4400	240 @ 4400	185 @ 4000
Net Horsepower @ rpm	—	—	—	180 @ 4000	187 @ 4000	158 @ 4000
Gross Torque (lb-ft) @ rpm	335 @ 3200	355 @ 3200	355 @ 3600	330 @ 3000	330 @ 3000	305 @ 2000
Net Torque (lb-ft) @ rpm	—	—	—	285 @ 2400	290 @ 2400	280 @ 2000
Air Cleaner	See model pages for type					
Camshaft						
Bearings	Steel-backed babbitt					
Inlet Valve	Opens				38° BTC	
	Closes				92° ABC	
Exhaust Valve	Opens				88° BBC	
	Closes				52° ATC	
Inlet Duration w/o Ramp				280°		
Exhaust Duration w/o Ramp				280°		
Carburetor						
Type	4-barrel			4-barrel		2-barrel
Make				Rochester		Rochester
Venturi ID (in)				1.09		1.09
Throttle Bore (in)				1.38 Primary; 2.25 Secondary		1.437
Choke Control	Automatic			Automatic		Manual
Connecting Rods						
Material	Drop-forged steel					
Length (in)	5.70					
Bearings	Copper lead alloy or sintered copper nickel-backed babbitt on steel					
Crankcase Ventilation	Closed positive					
Crankshaft						
Material	Cast nodular iron			Forged steel		
Number of Counterweights	6					
Main Journals (in)	2.45					
Crankpin Journals (in)	2.10					
Torsional Damper	Inertia; rubber mounted					
Bearings	Premium aluminum					
Distributor	Delco-Remy; centrifugal & vacuum advance					
Fuel Filter						
Carburetor	Paper element					
Fuel Tank	Wire mesh					
In-line	None			Optional	Optional	Standard
Governor						
Availability	—	—	—	—	—	Standard
Make	—	—	—	—	—	Delco-Remy
Type	—	—	—	—	—	Vacuum Spinner
Setting	—	—	—	—	—	4000 rpm
Lubrication System	Controlled full pressure					
Main Bearings	Direct pressure					
Camshaft Bearings	Direct pressure					
Timing Gear	Centrifugally sprayed					
Connecting Rods	Direct pressure					
Valve Mechanism	Pressure & gravity					
Cylinder Walls	Cross sprayed by pressurized jets					
Piston Pins	Cross sprayed by pressurized jets					
Oil Capacity (qt)						
With filter change	5	5	5	5	5	6
W/o filter change	4	4	4	4	4	5

*With A.I.R.

*With C.C.S. or without exhaust emission controls

■Series 50-60

327 V8 ENGINES

→ SPECIFICATIONS

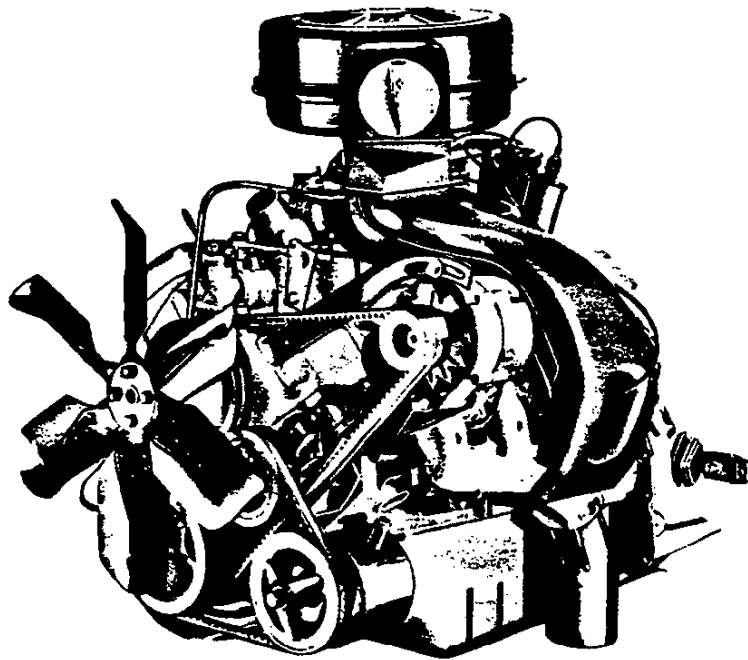
	Turbo-Fire			High Torque		
	327 V8	327 V8	327 V8	327 V8★	327 V8*	327 V8■
Oil Filter	Full flow; replaceable element					
Capacity (qts)						
Oil Pump						
Type	Spur gear; distributor shaft driven					
Capacity (gpm)	4.01-4.22 @ 1170-1200 rpm					
Normal Pressure (psi)	30 @ 1170-1200 rpm					
Pistons						
Material	Cast aluminum alloy					
Skirt	Solid slipper					
Head	Sump					
Piston Pins						
Type	Rod shrink fit to pin					
Material	Chromium steel					
Piston Rings						
Compression Rings						
Number	2					
Type	Upper—barrel; lower—inside bevel					
Material	Cast iron alloy					
Oil Control Rings						
Number	1					
Type	Multi-piece					
Material	Steel					
Thermostat	Harrison; 195°					
Valve Train						
Type	Individually mounted rocker arms, push rod actuated					
Lifters	Hydraulic					
Rocker Arm Ratio	1.50:1					
Valve Guides	Integral with cylinder head					
Valve Lash	Zero					
Intake Valves						
Material	Alloy steel					
Diameter (in)	1.72					
Face Coatings	Aluminized					
Seats	Machined in cylinder head					
Exhaust Valves						
Material	High alloy steel					
Diameter (in)	1.50					
Face Coating	Cobalt-based alloy					
Seats	Machined in cylinder head					
Rotators	Rotocoil					
Water Pump						
Type	Centrifugal					
Capacity (gpm)	52 @ 4000 rpm					

★With A.I.R.

*With C.C.S. or without exhaust emission controls

■Series 50-60

HIGH TORQUE 366 V8



Applications

Standard: ME60

Optional: CE50-60; ME50; SE50-60; TE50-60

Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....366 cu in
Bore & stroke (nominal).....3.9375" x 3.76
Compression ratio.....8.0:1
Carburetor type.....4-barrel

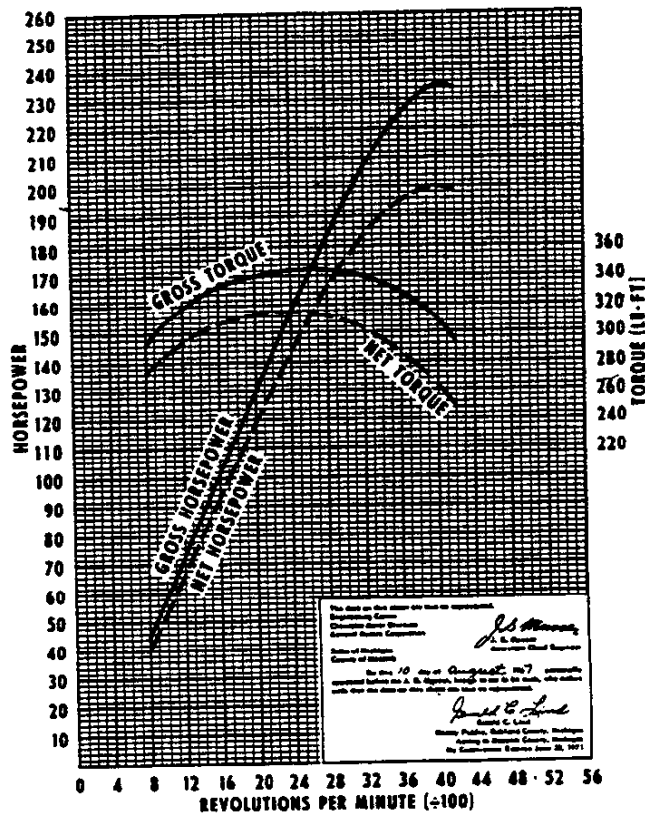
Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° dry air.

Gross horsepower and torque were obtained in regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, an optimum spark advance.

Net horsepower and torque were obtained from dynamometer test simulating actual operating conditions when the engine is in the vehicle.

Gross horsepower.....235 @ 4000 rpm
Net horsepower.....200 @ 4000 rpm
Gross torque, lb-ft.....345 @ 2600 rpm
Net torque, lb-ft.....315 @ 2400 rpm



TURBO-JET 396 V8

Applications

Standard: El Camino (13880)
Optional: None

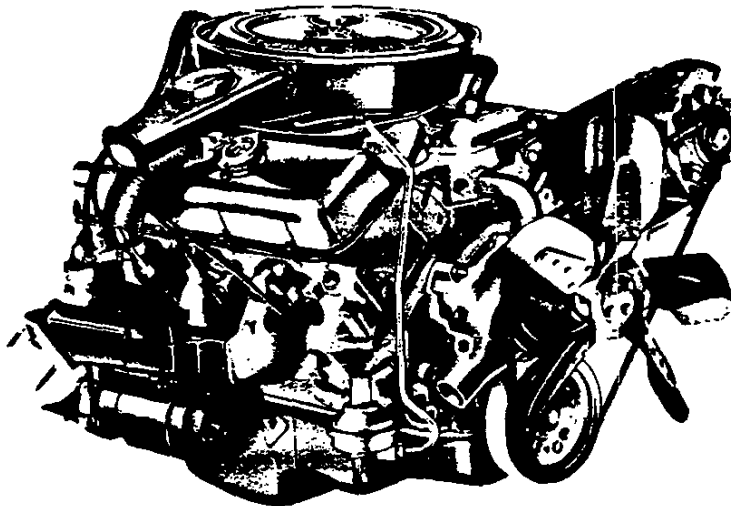
Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....396 cu in
Bore & stroke (nominal).....4.094" x 3.76"
Compression ratio.....10.25:1
Carburetor type.....4-barrel

Test Procedures

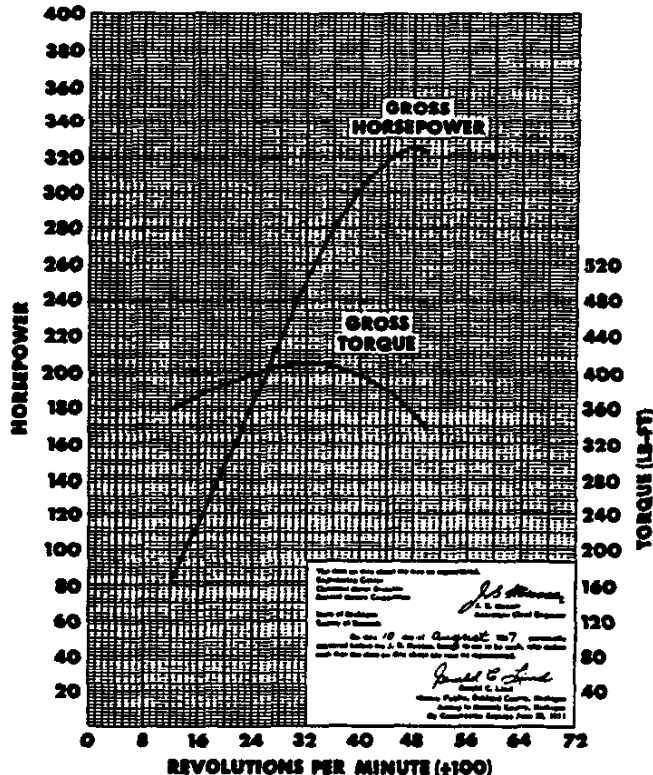
These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60°F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.



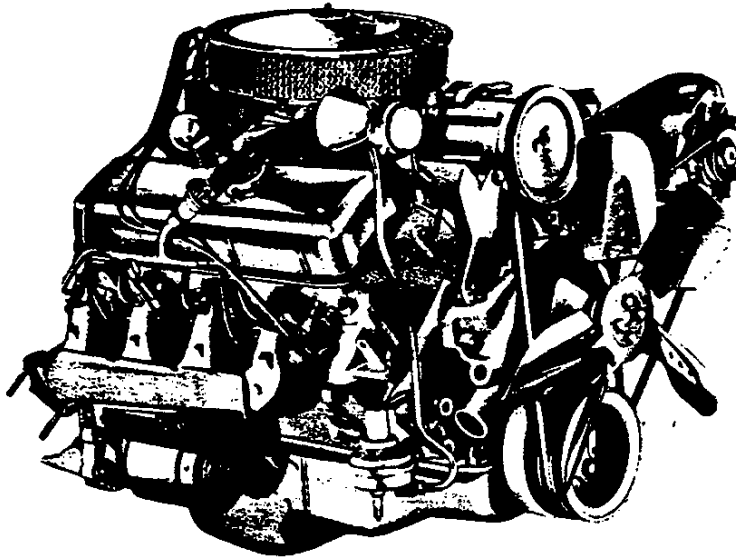
With C.C.S.*

Gross horsepower.....325 @ 4800 rpm
Gross torque, lb-ft.....410 @ 3200 rpm



*C.C.S. (Controlled Combustion System) is used with automatic transmissions and A.I.R. (Air Injection Reactor) with manual transmissions with the 396 V8 on all El Caminos.

TURBO-JET 396 V8



Applications

Standard: None

Optional: El Camino (13880)

Basic Specifications

Engine type.....Valve-in-head

Piston displacement.....396 cu in

Bore & stroke (nominal).....4.094" x 3.76

Compression ratio.....10.25:1

Carburetor type.....4-barrel

Test Procedures

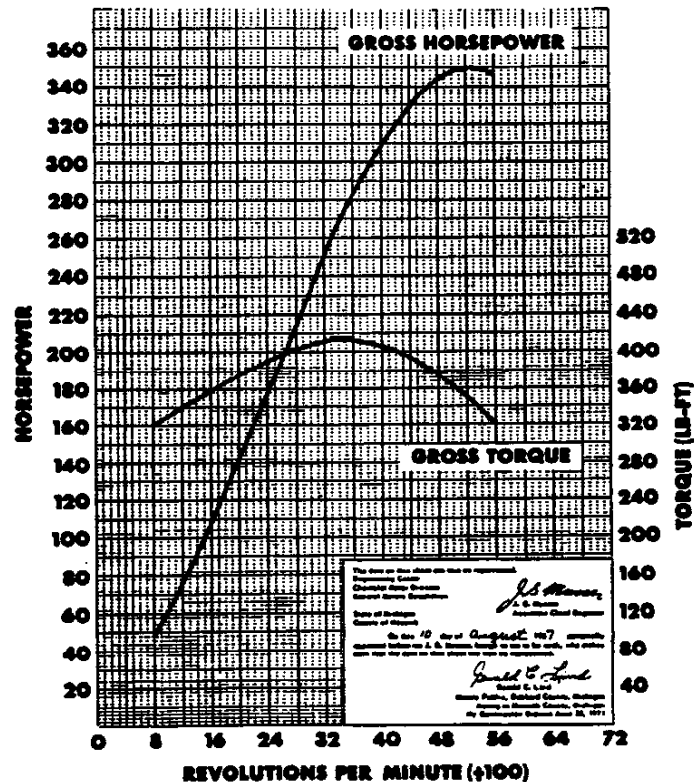
These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

With A.I.R.*

Gross horsepower.....350 @ 5200 rpm

Gross torque, lb-ft.....415 @ 3400 rpm



*A.I.R. (Air Injection Reactor) is used with the 396 V8 on all El Caminos with both manual & automatic transmissions.

HIGH TORQUE 396 V8

Applications

Standard: None

Optional: CE10-30

Basic Specifications

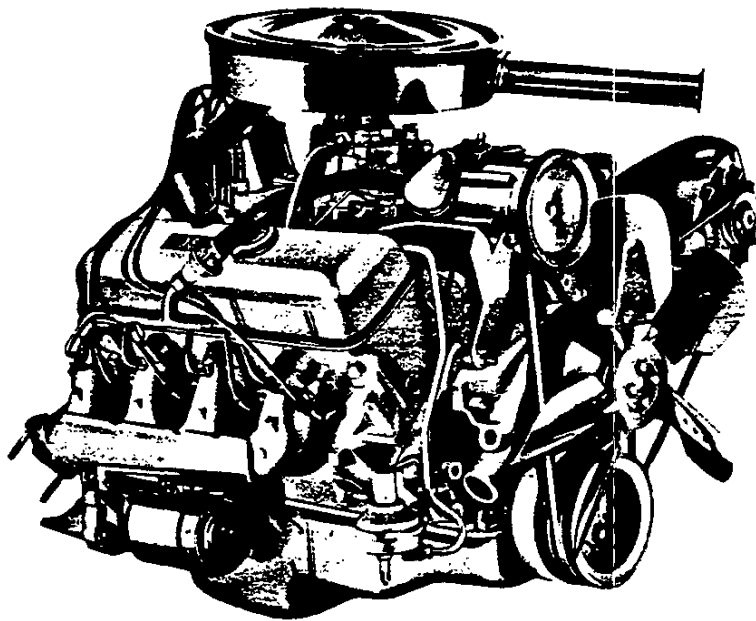
Engine type.....Valve-in-head
Piston displacement.....396 cu in
Bore & stroke (nominal).....4.094" x 3.76"
Compression ratio.....9.0:1
Carburetor type.....2-barrel

Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.



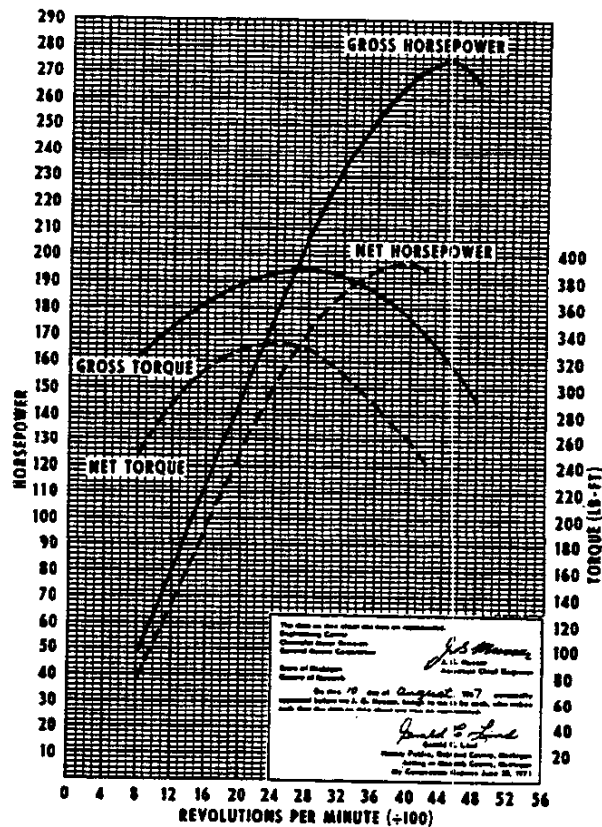
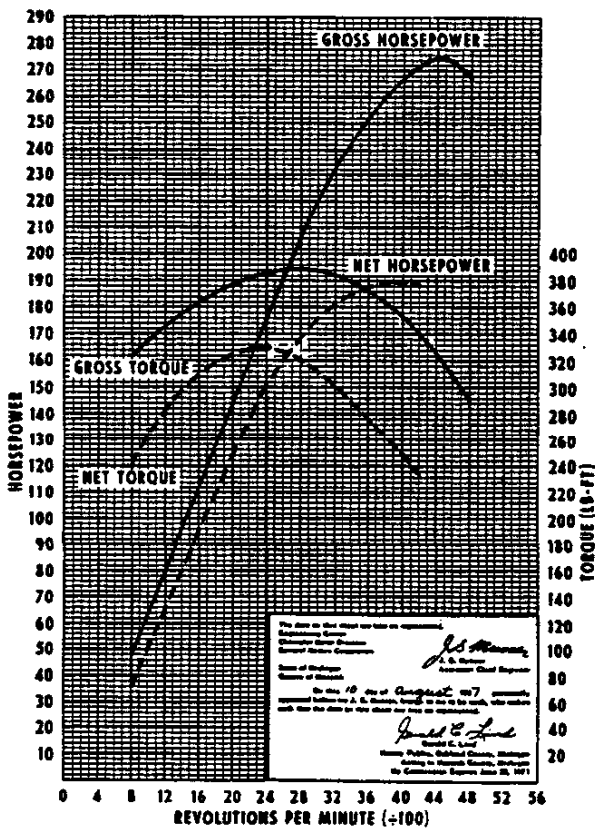
396 V8 with A.I.R. (CE10)

With A.I.R.*

Gross horsepower.....275 @ 4400 rpm
Net horsepower.....190 @ 4000 rpm
Gross torque, lb-ft.....390 @ 2800 rpm
Net torque, lb-ft.....330 @ 2400 rpm

Without Exhaust Emission Controls*

Gross horsepower.....275 @ 4400 rpm
Net horsepower.....197 @ 4000 rpm
Gross torque, lb-ft.....390 @ 2800 rpm
Net torque, lb-ft.....335 @ 2400 rpm



*A.I.R. (Air Injection Reactor) is used with the 396 V8 on all Series 10 models & Series 20 Suburbans with both manual & automatic transmissions. Series 20-30 models (except Series 20 Suburbans) do not use exhaust emission controls.

HIGH TORQUE 396 V8

Applications

Standard: None
Optional: CE10-30

Basic Specifications

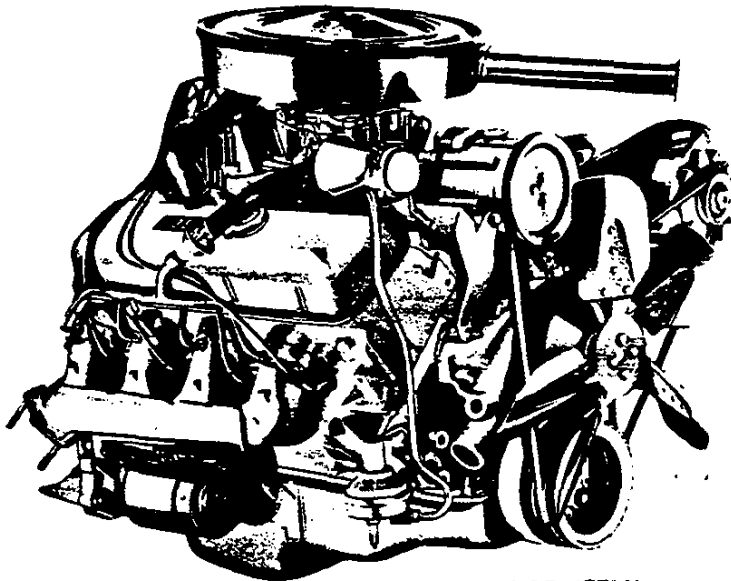
Engine type..... Valve-in-head
Piston displacement..... 396 cu in
Bore & stroke (nominal)..... 4.094" x 3.76"
Compression ratio..... 9.0:1
Carburetor type..... 4-barrel

Test Procedures

These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

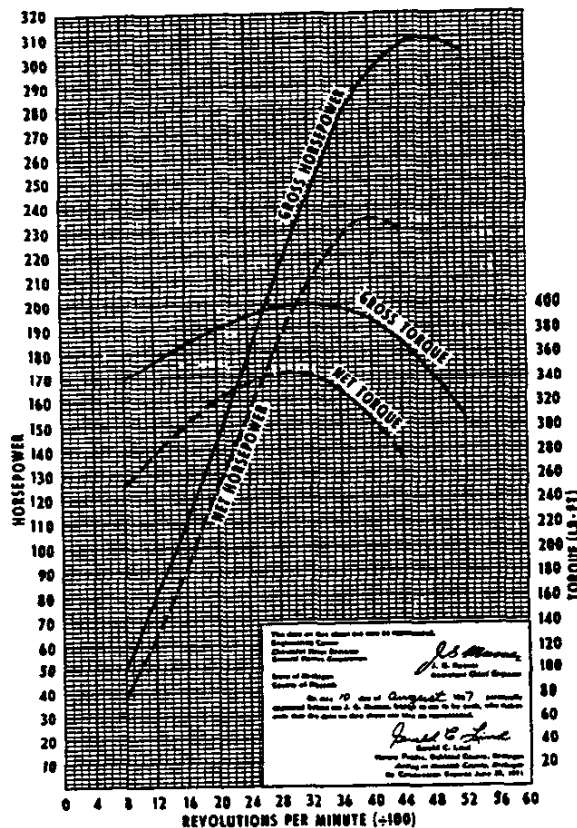
Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.



396 V8 with A.I.R. (CE10)

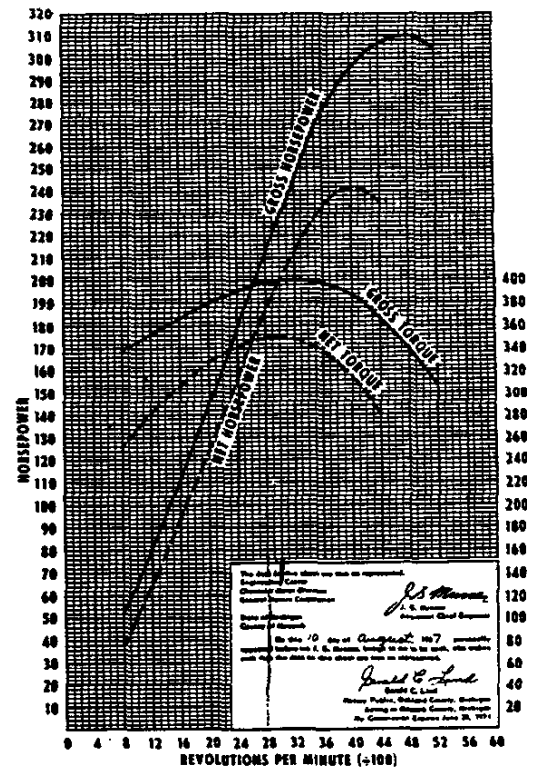
With A.I.R.*

Gross horsepower..... 310 @ 4800 rpm
Net horsepower..... 235 @ 4000 rpm
Gross torque, lb-ft..... 400 @ 3200 rpm
Net torque, lb-ft..... 345 @ 3000 rpm



Without Exhaust Emission Controls¹

Gross horsepower..... 310 @ 4800 rpm
Net horsepower..... 242 @ 4000 rpm
Gross torque, lb-ft..... 400 @ 3200 rpm
Net torque, lb-ft..... 350 @ 3000 rpm



*A.I.R. (Air Injection Reactor) is used with the 396 V8 on all Series 10 models & Series 20 Suburbans with both manual & automatic transmissions. Series 20-30 models (except Series 20 Suburbans) do not use exhaust emission controls.

HIGH TORQUE 427 V8

Applications

Standard: None

Optional: CE60; ME60; TE60

Basic Specifications

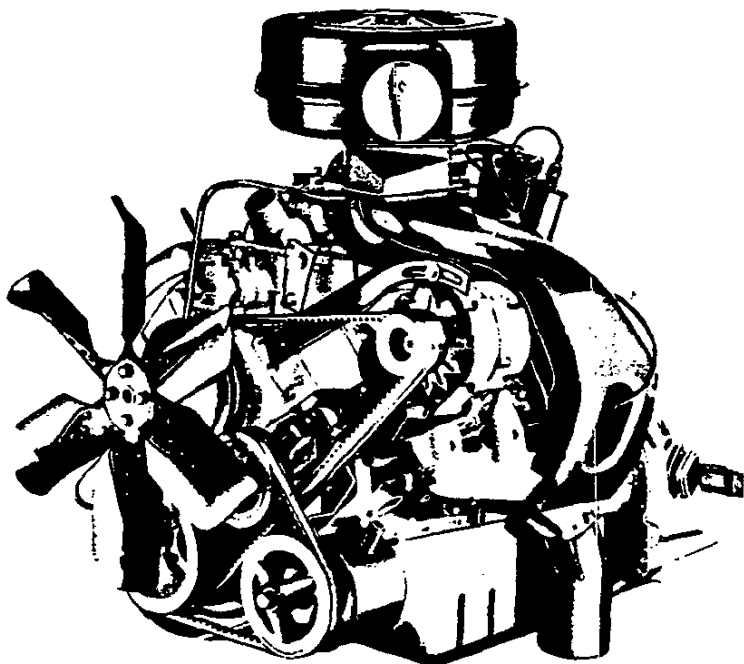
Engine type.....Valve-in-head
Piston displacement.....427 cu in
Bore & stroke (nominal).....4.25" x 3.76"
Compression ratio.....8.0:1
Carburetor type.....4-barrel

Test Procedures

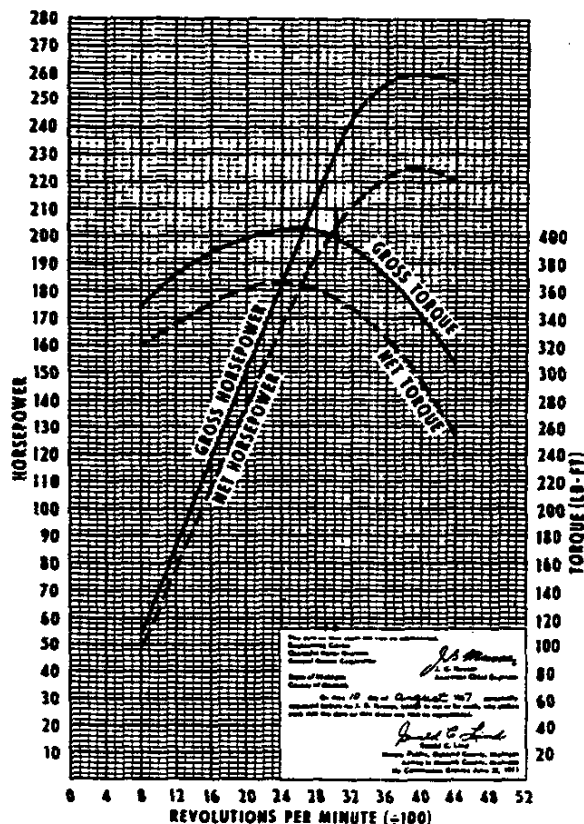
These curves represent full-throttle performance as obtained from dynamometer test data corrected to barometric pressure of 29.92" mercury and 60° F dry air.

Gross horsepower and torque were obtained in a regular dynamometer test with the dynamometer exhaust system, no fan, generator not charging, and optimum spark advance.

Net horsepower and torque were obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle.

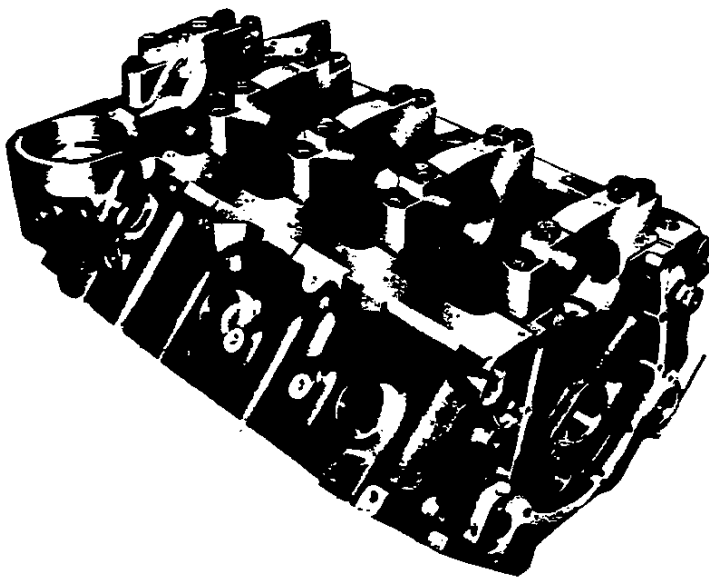
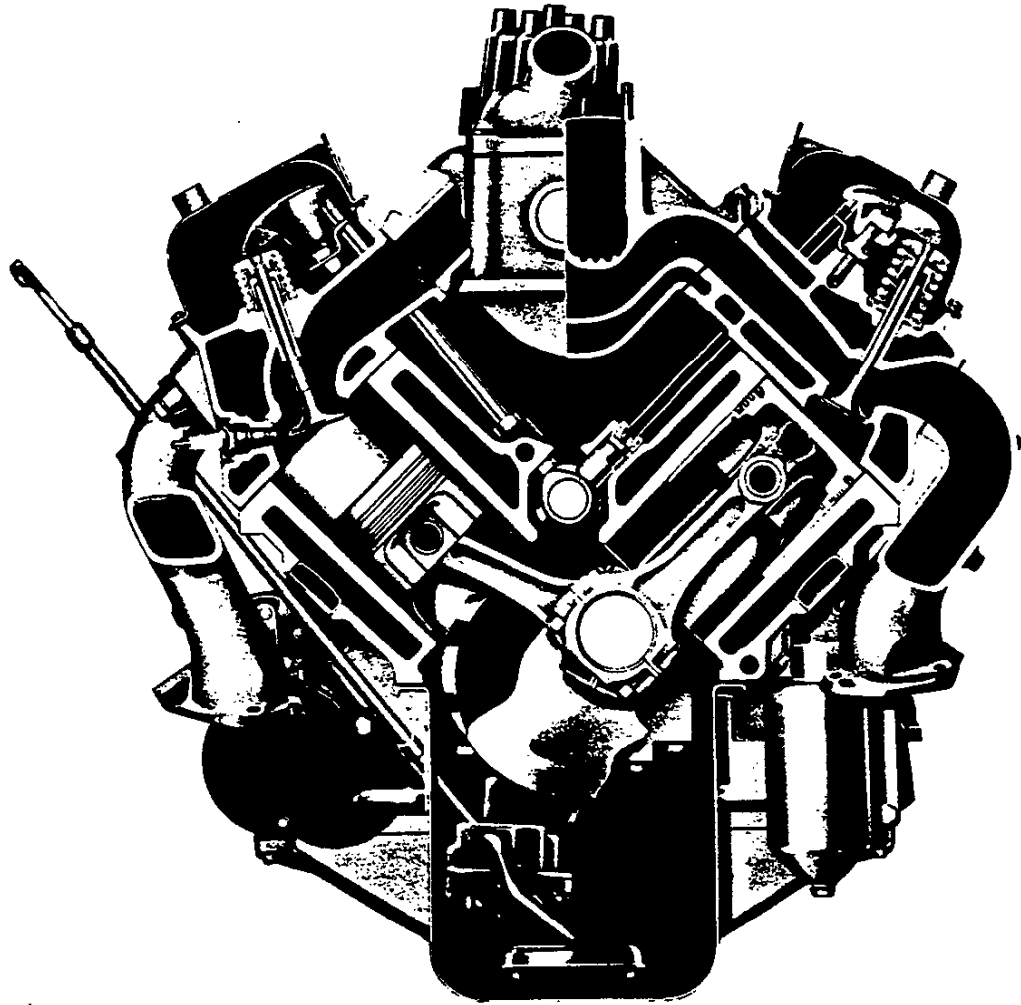


Gross horsepower.....260 @ 4000 rpm
Net horsepower.....225 @ 4000 rpm
Gross torque, lb-ft.....405 @ 2600 rpm
Net torque, lb-ft.....365 @ 2400 rpm



366, 396 & 427 V8 ENGINES

→ENGINE FEATURES*



New valve-in-head design—These heads feature larger, straighter and smoother ports with valves tilted toward the ports for optimum induction and exhaust flow. The modified wedge combustion chambers have the intake and exhaust valves placed alternately so that excessive heat will not develop from adjacent exhaust valves. The valves are also tilted away from the cylinder's vertical axis so as to cause the valve head to move away from the cylinder wall when opening. This allows more mixture to enter and leave the cylinder during each cycle.

High volumetric efficiency assures higher torque over broader RPM ranges for better performance.

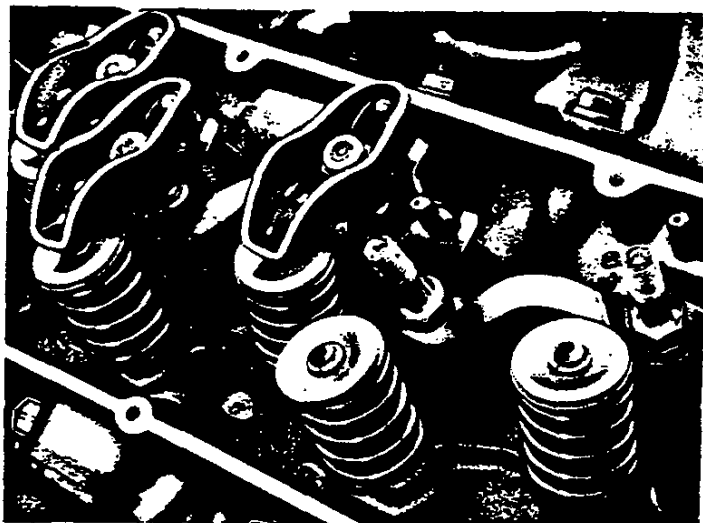
Heavy-duty premium components throughout the engine add to its durability. All the parts are designed for rugged long-lasting truck service.

New cylinder block and crankshaft—The 366 & 427 V8 engines feature four-bolt heavy-duty main bearing caps. Heavier bearing support bulkheads in the lower block structure and heavier cylinder walls contribute to the rigidity and strength of the new design. Crankshaft main-bearing area is increased through the use of larger journal diameters on the five-main-bearing crankshaft. The crankshaft is made of sturdy forged steel with induction-hardened journals.

*High Torque engines only. See the Specifications charts for data on Turbo-Jet engines (El Camino).

366, 396 & 427 V8 ENGINES

➤ENGINE FEATURES*



A new air induction system is featured on the 366 V8. The air cleaner is a two-element type for greater efficiency and capacity. The primary or outer element is an oil-wetted polyurethane band wrapped around a secondary oil-wetted paper element.

The inlet air temperature is controlled by a thermostatic valve which automatically selects either air warmed by the exhaust manifold heat stove or cooler air from a high-level outside air intake grille located on the left side of the hood on Series 60 conventional cab models. This outside air intake valve starts to open at 80° and is fully open at 100°.

The carburetor on the 366 & 427 V8s is a Holley four-barrel which incorporates a vacuum spinner type governor with a full-load setting of 4000 rpm. The 396 V8 can be ordered with a Holly two-barrel carburetor with a manual choke or a Rochester four-barrel carburetor with an automatic choke.

Pistons for the 366 & 427 V8s are heavy-duty plated aluminum castings with four-ring design (three compression, one oil control) (the 396 V8 has 3 rings). The top compression ring groove is machined in an insert of alloy iron, cast in and bonded integrally with the piston for strength. All piston rings are phosphate coated for oil retention and corrosion-resistance. They are also chrome-plated for long wear.

Connecting rods are heavy I-beam section drop-forged steel with reinforcements in high stress areas. Use of harder steel nuts and bolts in the rod lower end also adds greater strength.

The camshaft on the 366 & 427 V8s is gear-driven by helical gears for maximum efficiency and durability. The 396 V8 has a chain-drive mechanism.

Independently mounted valve rockers—Each rocker is mounted on an individual ball pivot which is secured by a stud threaded, rather than pressed, into the head. Pushrod motion is controlled by stamped steel guides held under the rocker arm studs. Each rocker receives oil under pressure from the hollow pushrod to lubricate the ball pivot. Valves are lubricated by spillage from this source. See illustration (rockers removed).

Alloy steel intake valves—Tough-alloy steel gives extra durability and toughness. The face is aluminized to retard deposits, the stems are chrome-plated and the tips are hardened for long wear. The valve seats are integral with the cylinder head while the valve guides are cast iron and replaceable.

Exhaust valves—The 366 & 427 V8 have exhaust valves made of high-alloy steel. Hardened steel exhaust valve seat inserts resist high temperatures and the removable cast iron valve guide is in contact with the coolant in the head, improving heat transfer. Rotocoil valve rotators are used in the 366 & 427 V8s to insure long valve life.

All valves utilize polyacrylate umbrella-type oil shields to control stem and guide lubrication.

The lubrication system features a full-flow oil filter and a newly designed oil pump. The new pump lessens damaging forces inside itself for greater durability and eliminates vibrations which could cause wear. The pump fills the main gallery, which in turn feeds the camshaft, main and connecting rod bearings and valve lifters by direct pressure through drilled passages. The valve train is lubricated by hollow pushrods which receive their oil from the valve lifters.

The cooling system is of the series-flow type and features a high-output water pump. The coolant moves from the front of each cylinder bank to the rear, then upward into the cylinder heads and forward to the thermostat outlets. Large passages and full-length water jackets assure uniform cooling and small temperature variation. The flow through the cylinder heads is designed to carry away excess heat from areas around spark plugs, ports and valve guides.

*High Torque engines only. See the Specifications charts for data on Turbo-Jet engines (El Camino).

366, 396 & 427 V8 ENGINES

> SPECIFICATIONS

	High Torque					
	366 V8	396 V8*	396 V8*	396 V8*	396 V8*	427 V8
Basic Description	V8; Valve-in-head					
Displacement (cu in)	366	396				427
Bore & Stroke	3.937 x 3.76	4.094 x 3.76				4.25 x 3.76
Compression Ratio	8.0:1	9.0:1				8.0:1
Firing Order	1-8-4-3-6-5-7-2					
Gross Horsepower @ rpm	235 @ 4000	275 @ 4400	275 @ 4400	310 @ 4800	310 @ 4800	260 @ 4000
Net Horsepower @ rpm	200 @ 4000	190 @ 4000	197 @ 4000	235 @ 4000	242 @ 4000	225 @ 4000
Gross Torque (lb-ft) @ rpm	345 @ 2600	390 @ 2800	390 @ 2800	400 @ 3200	400 @ 3200	405 @ 2600
Net Torque (lb-ft) @ rpm	315 @ 2400	330 @ 2400	335 @ 2400	345 @ 3000	350 @ 3000	365 @ 2400
Air Cleaner	See model pages for type					
Camshaft						
Bearings	Steel-backed babbitt					
Inlet Valve	Opens	54° BTC	40° BTC			46° BTC
	Closes	90° ABC	102° ABC			90° ABC
Exhaust Valve	Opens	86° BBC	87° BBC			97° BBC
	Closes	50° ATC	55° ATC			57° ATC
Inlet Duration	w/o Ramp	280°	286°			280°
Exhaust Duration	w/o Ramp	280°	286°			318°
Carburetor						
Type	4-Barrel	2-Barrel	4-Barrel		4-Barrel	
Make	Holley	Holley	Rochester		Holley	
Venturi ID (in)	1.25; 1.31	1.375	1.09		1.25; 1.31	
Throttle Bore (in)	1.56	1.6875	1.38; 2.25		1.56	
Choke Control	Manual	Manual	Automatic		Manual	
Connecting Rods						
Material	Forged steel					
Length (in)	6.135					
Bearings	Premium aluminum					
Crankcase Ventilation	Closed positive					
Crankshaft						
Material	Forged steel					
Number of Counterweights	6					
Main Journals (in)	2.75					
Crankpin Journals (in)	2.2					
Torsional Damper	Inertia; rubber mounted					
Bearings	Premium aluminum					
Distributor	Delco-Remy; centrifugal & vacuum advance					
Fuel Filter						
Carburetor	Paper element					
Fuel Tank	Wire mesh					
In-line	Standard	Optional				Standard
Governor						
Availability	Standard	None				Standard
Make	—	—				—
Type	Vacuum spinner	—				Vacuum spinner
Setting	4000 rpm	—				4000 rpm
Lubrication System	Controlled full pressure					
Main Bearings	Direct pressure					
Camshaft Bearings	Direct pressure					
Timing Gear	Centrifugally sprayed					
Connecting Rods	Direct pressure					
Valve Mechanism	Pressure & gravity					
Cylinder Walls	Cross sprayed by pressurized jets					
Piston Pins	Cross sprayed by pressurized jets					

*With A.I.R.

*Without exhaust emission controls

366, 396 & 427 V8 ENGINES

→ SPECIFICATIONS

	High Torque					427 V8*
	366 V8*	396 V8*	396 V8*	396 V8*	396 V8*	
Oil Capacity (qts)						
With filter change	7¾	5			7¾	
W/o filter change	6	4			6	
Oil Filter						
Standard	Replaceable element	Throwaway type			Replaceable element	
Capacity (qts)	2	1			2	
Oil Pump						
Type	Spur gear; distributor shaft driven					
Capacity (gpm)	6 @ 2000 rpm					
Normal Pressure (psi)	40-55 @ 2000 rpm	50-75 @ 2000 rpm			40-55 @ 2000 rpm	
Pistons						
Material	Cast aluminum alloy					
Skirt	Slipper					
Head	Flat	Domed			Flat	
Piston Pins						
Type	Rod shrink fit to pin					
Material	Chromium steel					
Piston Rings						
Compression Rings						
Number	3	2			3	
Material	Cast alloy iron					
Oil Control Rings						
Number	1					
Material	Cast alloy iron	Multi-piece steel			Cast alloy iron	
Thermostat	Harrison; 195°					
Valve Train						
Type	Individually mounted rocker arms, push rod actuated					
Lifters	Hydraulic					
Rocker Arm Ratio	1.70:1	1.75:1			1.70:1	
Valve Guides	Pressed-in; cast alloy iron					
Valve Lash	Zero					
Intake Valves						
Material	Alloy steel					
Diameter (in)	1.84	2.065			1.94	
Face Coating	Aluminized	None			Aluminized	
Seats	Machined in cylinder head					
Exhaust Valves						
Material	High alloy steel					
Diameter (in)	1.66	1.72				
Face Coating	Cobalt based alloy	Aluminized			Cobalt based alloy	
Seats	Hardened inserts	Machined in cylinder head			Hardened inserts	
Rotators	Rotocoils	None			Rotocoils	
Water Pump						
Type	Centrifugal					
Capacity (gpm)	81 @ 4000 rpm	82 @ 5200 rpm			81 @ 4000 rpm	

*With A.I.R.

*Without exhaust emission controls

396 V8 ENGINES

→ SPECIFICATIONS

	TURBO-JET	
	396 V8★	396 V8★
Basic Description	V8; valve-in-head	
Displacement (cu in)	396	
Bore & Stroke (in)	4.094 x 3.76	
Compression Ratio	10.25:1	10.25:1
Firing Order	1-8-4-3-6-5-7-2	
Gross Horsepower @ rpm	325 @ 4800	350 @ 5200
Gross Torque (lb-ft) @ rpm	410 @ 3200	415 @ 3400
Air Cleaner		
Camshaft		
Bearings	Steel-backed babbitt	
Inlet valve	Opens	28° BTC
	Closes	78° ABC
Exhaust Valve	Opens	75° BBC
	Closes	31° ATC
Inlet Duration w/o Ramp	286°	300°
Exhaust Duration w/o Ramp	286°	300°
Carburetor		
Type	4-Barrel	
Make	Rochester Quadrajet	
Venturi ID (in)	1.09	
Throttle Bore (in)	1.38 Primary; 2.25 Secondary	
Choke Control	Automatic	
Connecting Rods		
Material	Forged steel	
Length (in)	6.135	
Bearings	Premium aluminum	
Crankcase Ventilation	Closed positive	
Crankshaft		
Material	Cast nodular iron	Forged steel
Number of Counterweights	6	
Main Journals (in)	2.75	
Crankpin Journals (in)	2.2	
Torsional Damper	Inertia; rubber mounted	
Bearings	Premium aluminum	
Distributor	Delco-Remy; centrifugal & vacuum advance	
Fuel Filter		
Carburetor	Pleated fiber element	
Fuel Tank	Mesh strainer	
Lubrication System	Controlled full pressure	
Main Bearings	Direct pressure	
Camshaft Bearings	Direct pressure	
Timing Gear	Centrifugally sprayed	
Connecting Rods	Direct pressure	
Valve Mechanism	Pressure & gravity	
Cylinder Walls	Cross sprayed by pressurized jets	
Piston Pins	Cross sprayed by pressurized jets	

★With A.I.R.

396 V8 ENGINES

SPECIFICATIONS

	TURBO-JET	
	396 V8*	396 V8+
Oil Capacity		
With filter change	5	
W/o filter change	4	
Oil Filter		
Standard	Full flow; throwaway type	
Capacity (qts)	1	
Oil Pump		
Type	Spur gear; distributor shaft driven	
Normal Pressure (psi)	50-75 @ 2000 rpm	
Pistons		
Material	Cast aluminum alloy	
Skirt	Slipper	
Head	Domed	
Piston Pins		
Type	Rod shrink fit to pin	
Material	Chromium steel	
Piston Rings		
Compression Rings		
Number	2	
Type	Upper—barrel face; lower—taper face	
Material	Cast alloy iron	
Oil Control Rings		
Number	1	
Type	Multi-piece	
Material	Steel	
Thermostat	Harrison; 195°	
Valve Train		
Type	Individually mounted rocker arms, push rod actuated	
Lifters	Hydraulic	
Rocker Arm Ratio	1.75:1	
Valve Guides	Pressed-in; cast alloy iron	
Valve Lash	Zero	
Intake Valves		
Material	Alloy steel	
Diameter (in)	2.065	
Face Coating	None	
Seats	Machined in cylinder head	
Exhaust Valves		
Material	High alloy steel	
Diameter (in)	1.72	
Face Coating	Aluminized	
Seats	Machined in cylinder head	
Water Pump		
Type	Centrifugal	
Capacity (gpm)	82 @ 5200 rpm	

*With A.I.R.

3-53N, 4-53N & 6V-53N DETROIT DIESEL ENGINES

SPECIFICATIONS

	3-53N	4-53N	6V-53N
Lubrication System	Full-pressure system: direct pressure to piston pins, main, connecting rod and camshaft bearings; pressure and splash to valve mechanism; splash to cylinder walls and timing gears. (See Owner's Guide for lubricant types.)		
Oil Capacity (qts)	12	14	14
Oil Cooler	Harrison; plate-type		
Piston Pins	hardened chrome-alloy steel; full floating		
Diameter (in)	1.375		
Piston Rings	four compression, two oil-control rings per piston		
Compression	steel; chrome plated		
Oil Control	double scraper with expander; cast alloy iron		
Pistons	Arma-Steel; tin plated; dished head, full skirt		
Pump, Fuel Transfer			
Make	Detroit Diesel		
Type	mechanical gear		
Pressure Range (gal/hr @ psi)	60 @ 65		
Valves, Exhaust			
Type	Poppet		
Number	4		
Diameter (in)	1.09		
Lift (in)	.32747		
Water Pump			
Type	Centrifugal; belt driven		
Delivery (@ 2800 rpm)	42 gal	50 gal	83 gal

COOLING SYSTEMS

→ STANDARD COOLING SYSTEMS

SERIES	Radiator							System Capacity (qt) *	Pressure Cap. (lb)	Fan (No. blades x diameter)
	Engine	Type	Height (in)	Width (in)	Thickness (in)	Radiator Constant (in)	Frontal Area (sq in)			
CS10	250	Tube & Center*	16.97	26.3	1.26	.30	446	12.2	13	4 x 18
	292	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
CE10	307	Tube & Center*	16.97	28.3	1.26	.22	480	17.7	13	4 x 18
	327	Tube & Center*	16.97	28.3	1.98	.25	480	17.1	13	4 x 18
	396	Tube & Center*	16.97	28.3	1.98	.25	480	22.6	13	5 x 19
GS10	230	Tube & Center	17.4	18.07	1.26	.16	314	11.5	15	4 x 18
	250	Tube & Center	17.4	19.17	1.75	.20	333	12.5	15	4 x 18
GE10	307	Tube & Center*	16.97	22.0	1.98	.22	374	18.5	15	5 x 18
KS10	250	Tube & Center*	16.97	26.3	1.26	.30	446	12.6	13	4 x 18
	292	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
KE10	307	Tube & Center*	16.97	28.3	1.26	.22	480	18.0	13	4 x 18
	327	Tube & Center*	16.97	28.3	1.98	.25	480	17.4	13	4 x 18
PS10	230	Tube & Center	17.40	18.07	1.26	.16	314	10.8	13	4 x 17.6
	250	Tube & Center	17.40	19.17	1.75	.16	333	11.8	13	4 x 20
CS20	250	Tube & Center*	16.97	26.3	1.26	.20	446	12.2	13	4 x 18
	292	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
CE20	307	Tube & Center*	16.97	28.3	1.26	.18	480	18.1	13	4 x 18
	327	Tube & Center*	16.97	28.3	1.98	.25	480	17.1	13	4 x 18
	396	Tube & Center*	16.97	28.3	1.98	.25	480	22.6	13	5 x 19
GS20	230	Tube & Center	17.4	18.07	1.26	.16	314	11.5	15	4 x 18
	250	Tube & Center	17.4	19.17	1.75	.20	333	12.5	15	4 x 18
GE20	307	Tube & Center*	16.97	22.0	1.98	.22	374	18.5	15	5 x 18
KS20	250	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
	292	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
KE20	307	Tube & Center*	16.97	28.3	1.26	.18	480	18.0	13	4 x 18
	327	Tube & Center*	16.97	28.3	1.98	.25	480	17.4	13	4 x 18
PS20	250	Tube & Center*	16.97	26.3	1.26	.20	446	11.8	13	4 x 18
	292	Tube & Center*	16.97	26.3	1.26	.18	446	12.5	13	4 x 18
PE20	307	Tube & Center*	16.97	28.3	1.26	.18	480	18.0	13	4 x 18
	327	Tube & Center*	16.97	28.3	1.98	.25	480	18.4	13	4 x 18
PT20	3-53N	Tube & Center*	16.97	26.3	1.98	.20	446	21.8	13	6 x 20
CS30	250	Tube & Center*	16.97	26.3	1.26	.20	446	12.2	13	4 x 18
	292	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
CE30	307	Tube & Center*	16.97	28.3	1.26	.18	480	18.1	13	4 x 18
	327	Tube & Center*	16.97	28.3	1.98	.25	480	17.1	13	4 x 18
	396	Tube & Center*	16.97	28.3	1.98	.25	480	22.6	13	5 x 19
PS30	250	Tube & Center*	16.97	26.3	1.26	.20	446	11.8	13	4 x 18
	292	Tube & Center*	16.97	26.3	1.26	.18	446	12.5	13	4 x 18
PE30	307	Tube & Center*	16.97	28.3	1.26	.18	480	18.0	13	4 x 18
	327	Tube & Center*	16.97	28.3	1.98	.25	480	18.4	13	4 x 18
PT30	3-53N	Tube & Center*	16.97	26.3	1.98	.20	446	21.8	13	6 x 20
CS40	250	Tube & Center*	24.12	26.3	1.26	.18	634	16.1	9	4 x 20
	292	Tube & Center*	24.12	26.3	1.26	.20	634	16.5	9	4 x 20
CE40	307	Tube & Center*	24.12	26.3	1.26	.18	634	20.9	9	4 x 20
PS40	250	Tube & Center	17.40	23.02	1.98	.16	401	12.8	13	4 x 20
	292	Tube & Center	17.40	23.02	1.98	.16	401	12.8	13	4 x 20
SS40	250	Tube & Center*	24.12	26.3	1.26	.18	634	16.1	9	4 x 20
	292	Tube & Center*	24.12	26.3	1.26	.20	634	16.5	9	4 x 20
FS40	250	Tube & Center	24.7	23.02	1.98	.20	569	23.6	9	4 x 20
	292	Tube & Center	24.7	23.02	1.98	.20	569	23.6	9	4 x 20
FE40	307	Tube & Center	24.7	23.02	1.98	.20	569	23.6	9	5 x 20
SS50	292	Tube & Center*	24.12	26.3	1.26	.20	634	16.5	9	4 x 20
FE50	327	Tube & Center*	24.12	26.3	1.98	.20	634	20.4	9	
	366	Tube & Center*	24.12	34.0	1.98	.16	820	31.2	9	
FD50	4-53N	Tube & Center*	24.12	28.3	1.98	.18	683	20.7	9	6 x 20

cross-flow type

*Capacity shown with standard heater except P10-40 FC Chassis models and all Cowl models.

COOLING SYSTEMS

→ STANDARD COOLING SYSTEMS (Cont'd)

SERIES	Radiator							System Capacity (qt) *	Pressure Cap. (lb)	Fan (No. blades x diameter)
	Engine	Type	Height (in)	Width (in)	Thickness (in)	Radiator Constant (in)	Frontal Area (sq in)			
CG50	DH478	Tube & Center*	24.12	28.3	1.98	.18	683	22.5	9	5 x 22
MS50	292	Tube & Center*	24.12	26.3	1.26	.20	634	16.5	9	4 x 20
ME50	327	Tube & Center*	24.12	26.3	1.98	.20	634	20.4	9	
	366	Tube & Center*	24.12	34.0	1.98	.16	820	31.2	9	
SS50	292	Tube & Center*	24.12	26.3	1.26	.20	634	16.5	9	4 x 20
SE50	327	Tube & Center*	24.12	26.3	1.98	.20	634	20.4	9	
	366	Tube & Center*	24.12	34.0	1.98	.16	820	31.2	9	
TS50	292	Tube & Center	24.7	23.02	1.98	.20	569	23.6	9	4 x 20
TE50	327	Tube & Center	24.7	23.02	1.98	.20	569	28.1	9	
	366	Tube & Center	24.0	28.52	1.98	.18	684	35.2	9	6 x 20
TD50	4-53N	Tube & Center	24.7	23.02	1.98	.20	569	22.5	9	6 x 20
TG50	DH478	Tube & Center	22.0	28.52	2.62	.20	627	38.5	9	5 x 22
CS60	292	Tube & Center*	24.12	26.3	1.26	.20	634	16.5	9	4 x 20
CE60	327	Tube & Center*	24.12	26.3	1.98	.20	634	20.4	9	
	366	Tube & Center*	24.12	34.0	1.98	.16	820	31.2	9	
	427	Tube & Center*	24.12	34.0	1.98	.16	820	33.1	9	
CD60	4-53N	Tube & Center*	24.12	28.3	1.98	.18	683	20.7	9	6 x 20
ME60	366	Tube & Center*	24.12	34.0	1.98	.16	820	33.1	9	
	427	Tube & Center*	24.12	34.0	1.98	.16	820	33.1	9	
SE60	327	Tube & Center*	24.12	26.3	1.98	.20	634	20.4	9	
	366	Tube & Center*	24.12	34.0	1.98	.16	820	31.2	9	
TS60	292	Tube & Center	24.7	23.02	1.98	.20	569	23.6	9	4 x 20
TE60	327	Tube & Center	24.7	23.02	1.98	.20	569	28.1	9	
	366	Tube & Center	24.0	28.52	1.98	.18	684	35.2	9	6 x 20
	427	Tube & Center	24.0	28.52	2.62	.18	684	36.2	9	6 x 20
TD60	4-53N	Tube & Center	24.7	23.02	1.98	.20	569	22.5	9	6 x 20
HM70	401	Tube & Center	—	—	1.98	.18 x .55	683	35.5	9	4 x 24
HG70	DH478	Tube & Center	—	—	1.98	.22 x .55	683	34.0	9	5 x 24
HJ70	D637	Tube & Center	—	—	1.98	.18 x .55	683	39.5	9	5 x 24
	DH637	Tube & Center	—	—	2.70	.18 x .55	683	39.5	9	5 x 24
HV70	6V-53N	Tube & Center	—	—	1.98	.25 x .55	792	38.0	9	5 x 22
JM70	401	Tube & Center	—	—	1.98	.16 x .55	683	35.5	9	4 x 24
JG70	DH478	Tube & Center	—	—	1.98	.22 x .55	683	34	9	5 x 24
JJ70	D637	Tube & Center	—	—	1.98	.18 x .55	683	39.5	9	5 x 24
	DH637	Tube & Center	—	—	2.70	.18 x .55	683	39.5	9	5 x 24
JV70	6V-53N	Tube & Center	—	—	1.98	.25 x .55	792	38.0	9	5 x 22
TM70	401	Tube & Center	—	—	2.62	.16 x .55	627	44.0	9	5 x 24
TG70	DH478	Tube & Center	—	—	2.00	.16 x .55	569	34.7	9	5 x 22
TJ70	D637	Tube & Center	—	—	1.98	.20 x .55	727	44.0	9	5 x 24
	DH637	Tube & Center	—	—	1.98	.20 x .55	727	44.0	9	5 x 24
TV70	6V-53N	Tube & Fin	—	—	2.88	.18 x .55	689	32.6	9	5 x 22
HM80	401	Tube & Center	—	—	1.98	.18 x .55	683	35.0	9	4 x 24
	478	Tube & Center	—	—	2.70	.18 x .55	683	37.0	9	4 x 24
JM80	401	Tube & Center	—	—	1.98	.16 x .55	683	35.5	9	4 x 24
	478	Tube & Center	—	—	2.70	.18 x .55	683	38.5	9	4 x 24
TM80	401	Tube & Center	—	—	2.62	.16 x .55	627	46.0	9	5 x 22
	478	Tube & Center	—	—	2.62	.18 x .55	727	46.5	9	5 x 24
WM80	401	Tube & Center	—	—	2.62	.16 x .55	627	46.0	9	5 x 22
	478	Tube & Center	—	—	2.62	.18 x .55	727	45.5	9	5 x 24

*Cross-flow type

*Capacity shown with standard heater except P10-40 FC Chassis models and all Cowl models.

→ Indicates change

COOLING SYSTEMS

→ OPTIONAL COOLING SYSTEMS

Series	Engine	Optional Combinations	Radiator						System Capacity (qt) *	Pressure Cap. (lb)	Fan (No. blade x diam.)
			Type	Height (in)	Width (in)	Thickness (in)	Radiator Constant (in)	Frontal Area (sq in)			
CS10	250	4.11 Rear Axle	Tube & Center*	16.97	26.3	1.26	.28	446	12.6	13	4 x 18
		HD Radiator	Tube & Center*	16.97	26.3	1.26	.20	446	12.8	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.25	480	12.9	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.25	480	12.9	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	12.9	13	4 x 18
		Auto. Trans. w/4.11 Rear Axle	Tube & Center*	16.97	28.3	1.98	.22	480	12.9	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	12.9	15	5 x 18
	292	4.11 Rear Axle	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	13.3	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	13.3	13	4 x 18
		Auto. Trans. w/4.11 Rear Axle	Tube & Center*	16.97	28.3	1.98	.22	480	13.3	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.4	15	5 x 18
CE10	307	4.11 Rear Axle	Tube & Center*	16.97	28.3	1.26	.18	480	17.7	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.22	480	18.1	13	4 x 18
		HD Cooling	Tube & Center*	16.97	22.3	1.98	.18	480	18.1	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.18	480	18.1	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	18.1	13	4 x 18
		Auto. Trans. w/4.11 Rear Axle	Tube & Center*	16.97	28.3	1.98	.22	480	18.1	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	18.1	15	5 x 18
	327	4.11 Rear Axle	Tube & Center*	16.97	28.3	1.98	.25	480	17.1	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	18.6	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.6	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	18.6	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.16	480	18.6	13	4 x 18
		Auto. Trans. w/4.11 Rear Axle	Tube & Center*	16.97	28.3	1.98	.16	480	18.6	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.6	15	7 x 18
	396	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	22.6	13	5 x 19
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	24.1	15	6 x 19
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	24.1	15	6 x 19
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.16	480	22.6	13	5 x 19
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	24.1	15	6 x 19
GS10	230	HD Radiator	Tube & Center	17.4	19.17	1.75	.16	333	12.5	15	4 x 18
		Automatic Trans.	Tube & Center	17.4	19.17	1.75	.16	333	12.5	15	5 x 18
	250	HD Radiator	Tube & Center	17.4	19.17	1.75	.16	333	12.5	15	4 x 18
		Automatic Trans.	Tube & Center*	16.97	22.0	1.98	.18	374	13.6	15	5 x 18
GE10	307	HD Radiator	Tube & Center*	16.97	22.0	2.70	.16	374	18.8	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	22.0	2.70	.16	374	18.8	15	5 x 18
RS10	250	HD Radiator	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.25	480	12.8	13	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.25	480	12.8	13	5 x 18
	292	HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	13.3	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
KE10	307	HD Radiator	Tube & Center*	16.97	28.3	1.98	.22	480	18.4	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	18.1	13	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.18	480	18.1	13	5 x 18
	327	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	18.9	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.9	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	18.9	15	5 x 18
PS10	230	Automatic Trans.	Tube & Center	17.40	19.17	1.75	.16	333	11.2	13	4 x 17.6
	250	Automatic Trans.	Tube & Center	17.40	19.17	1.75	.16	333	11.2	13	4 x 20

*Cross-flow type

†Capacity shown with standard heater except P10-40 FC Chassis models and all Cowl models.

‡Temperature-controlled fan.

COOLING SYSTEMS

➤OPTIONAL COOLING SYSTEMS (Continued)

Series	Engine	Optional Combinations	Radiator						System Capacity (qt) *	Pressure Cap. (lb)	Fan No. blade x (diam.)
			Type	Height (in)	Width (in)	Thickness (in)	Radiator Constant (in)	Frontal Area (sq in)			
CS20	250	4.10 Rear Axle	Tube & Center*	16.97	26.3	1.26	.20	446	12.2	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	12.8	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.25	480	12.9	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.25	480	12.9	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	12.9	13	4 x 18
		Auto. Trans. w/4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.22	480	13.3	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
	292	4.10 Rear Axle	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	13.3	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	13.3	13	4 x 18
		Auto. Trans. w/4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.22	480	13.3	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.4	15	5 x 18
CE20	307	4.10 Rear Axle	Tube & Center*	16.97	28.3	1.26	.18	480	18.1	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	18.1	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.4	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	18.4	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.18	480	18.1	13	4 x 18
		Auto. Trans. w/4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.18	480	18.1	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	18.4	15	5 x 18
	327	4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.25	480	17.1	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	17.1	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.6	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	18.6	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.16	480	17.1	13	4 x 18
		Auto. Trans. w/4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.16	480	17.1	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.6	15	7 x 18
	396	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	22.6	13	5 x 19
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	24.1	15	6 x 19
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	24.1	15	6 x 19
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.16	480	22.6	13	5 x 19
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	24.1	15	6 x 19
GS20	230	HD Radiator	Tube & Center	17.4	19.17	1.75	.16	333	12.5	15	4 x 18
		Automatic Trans.	Tube & Center	17.4	19.17	1.75	.16	333	12.5	15	5 x 18
	250	HD Radiator	Tube & Center	17.4	19.17	1.75	.16	333	12.5	15	4 x 18
		Automatic Trans.	Tube & Center*	16.97	22.0	1.98	.18	374	13.6	15	5 x 18
GE20	307	HD Radiator	Tube & Center*	16.97	22.0	2.70	.16	374	18.8	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	22.0	2.70	.16	374	18.8	15	5 x 18
KS20	250	HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	13.3	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.25	480	13.3	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.25	480	13.3	15	5 x 18
	292	HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	13.3	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
KE20	307	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	18.4	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.4	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	18.4	15	5 x 18
	327	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	18.9	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.9	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	18.9	15	5 x 18

*Cross-flow type

★Capacity shown with standard heater except P10-40 FC Chassis models and all Cowl models.

■Temperature-controlled fan.

COOLING SYSTEMS

➔ OPTIONAL COOLING SYSTEMS (Continued)

Series	Engine	Optional Combinations	Radiator						System Capacity (qt) *	Pressure Cap. (lb)	Fan (No. blades x diam.)
			Type	Height (in)	Width (in)	Thickness (in)	Radiator Constant (in)	Frontal Area (sq in)			
PS20	250	HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	12.3	13	4 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	12.3	13	4 x 18
	292	HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	12.7	13	4 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	12.7	13	4 x 18
PE20	307	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	17.8	13	4 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.18	480	17.8	13	4 x 18
	327	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	17.8	13	4 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.18	480	17.8	13	4 x 18
CS30	250	4.10 Rear Axle	Tube & Center*	16.97	26.3	1.26	.20	446	12.2	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	12.8	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.25	480	12.9	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.25	480	12.9	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	13.4	13	4 x 18
		Auto. Trans. w/4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.22	480	13.4	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.5	15	5 x 18
		4.10 Rear Axle	Tube & Center*	16.97	26.3	1.26	.20	446	12.6	13	4 x 18
	292	HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	13.3	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	1.98	.18	480	13.3	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	13.3	13	4 x 18
		Auto. Trans. w/4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.22	480	13.3	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	13.4	15	5 x 18
		4.10 Rear Axle	Tube & Center*	16.97	28.3	1.26	.18	480	18.1	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	18.1	13	4 x 18
CE30	307	HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.4	15	5 x 18
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	18.4	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.18	480	17.7	13	4 x 18
		Auto. Trans. w/4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.18	480	17.7	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	1.98	.18	480	17.7	13	4 x 18
		4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.25	480	17.1	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	17.1	13	4 x 18
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	18.6	15	5 x 18
	327	Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	18.6	15	5 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.16	480	17.1	13	4 x 18
		Auto. Trans. w/4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.16	480	17.1	13	4 x 18
		Auto. Trans. w/Air Cond. or HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	17.1	13	4 x 18
		4.10 Rear Axle	Tube & Center*	16.97	28.3	1.98	.18	480	22.6	13	7 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	24.1	15	6 x 19
		HD Cooling	Tube & Center*	16.97	28.3	2.70	.18	480	24.1	15	6 x 19
		Air Conditioning	Tube & Center*	16.97	28.3	2.70	.18	480	24.1	15	6 x 19
PS30	250	Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	12.3	13	4 x 18
		HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	12.7	13	4 x 18
	292	HD Radiator	Tube & Center*	16.97	28.3	1.98	.25	480	12.3	13	4 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.22	480	12.7	13	4 x 18

*Cross-flow type

†Capacity shown with standard heater except P10-40 FC Chassis models and all Cowl models.

‡Temperature-controlled fan

➔ Indicates change

COOLING SYSTEMS

→ OPTIONAL COOLING SYSTEMS (Cont'd)

Series	Engine	Optional Combinations	Radiator						System Capacity (qt) ★	Pressure Cap. (lb)	Fan (No. blade x diam.)
			Type	Height (in)	Width (in)	Thickness (in)	Radiator Constant (in)	Frontal Area (sq in)			
PE30	307	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	17.8	13	4 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.18	480	17.8	13	4 x 18
	327	HD Radiator	Tube & Center*	16.97	28.3	1.98	.18	480	17.8	13	4 x 18
		Automatic Trans.	Tube & Center*	16.97	28.3	1.98	.18	480	17.8	13	4 x 18
CS40	250	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	16.6	9	4 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.20	683	17.9	9	5 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.20	683	17.9	9	5 x 20
	292	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	17.0	9	4 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.20	683	18.3	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.20	683	18.3	9	6 x 20
CE40	307	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	21.4	9	4 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.20	683	22.8	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.20	683	22.8	9	6 x 20
SS40	250	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	16.6	9	4 x 20
	292	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	17.0	9	4 x 20
CS50	292	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	17.0	9	4 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.20	683	18.3	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.20	683	18.3	9	6 x 20
		Automatic Trans.	Tube & Center*	24.12	28.3	1.98	.16	683	18.3	9	4 x 20
CE50	327	HD Radiator	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	5 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	6 x 20
		Automatic Trans.	Tube & Center*	24.12	28.3	2.70	.16	683	23.6	9	5 x 20
	366	HD Radiator	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
		HD Cooling	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
		Air Conditioning	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
		Automatic Trans.	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
ME50	292	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	17.0	9	4 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.20	683	18.3	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.20	683	18.3	9	6 x 20
ME50	327	HD Radiator	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	5 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	6 x 20
	366	HD Radiator	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
		HD Cooling	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
		Air Conditioning	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
SS50	292	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	17.0	9	4 x 20
		Automatic Trans.	Tube & Center*	24.12	28.3	1.98	.16	683	18.3	9	4 x 20
SE50	327	HD Radiator	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	5 x 20
		Automatic Trans.	Tube & Center*	24.12	28.3	2.70	.16	683	23.6	9	5 x 20
	366	HD Radiator	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
CS60	292	HD Radiator	Tube & Center*	24.12	26.3	1.98	.20	634	17.0	9	4 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.20	683	18.3	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.20	683	18.3	9	6 x 20
		Automatic Trans.	Tube & Center*	24.12	28.3	1.98	.16	683	18.3	9	4 x 20
CE60	327	HD Radiator	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	5 x 20
		HD Cooling	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	6 x 20
		Automatic Trans.	Tube & Center*	24.12	28.3	2.70	.16	683	23.6	9	5 x 20

*Cross-flow type

★Capacity shown with standard heater except P10-40 FC Chassis models and all Cowl models.

■Temperature-controlled fan

→ Indicates change

COOLING SYSTEMS

➤ OPTIONAL COOLING SYSTEMS (Cont'd)

Series	Engine	Optional Combinations	Radiator						System Capacity (qt) ★	Pressure Cap. (lb)	Fan (No. blades x diam.)
			Type	Height (in)	Width (in)	Thickness (in)	Radiator Constant (in)	Frontal Area (sq in)			
CE60	366	HD Radiator	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
		HD Cooling	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
		Air Conditioning	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
		Automatic Trans.	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
	427	HD Radiator	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
		HD Cooling	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
ME60	366	Air Conditioning	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
		HD Radiator	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
		HD Cooling	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
		Air Conditioning	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
	427	Automatic Trans.	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
		HD Radiator	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
SE60	327	HD Cooling	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
		Air Conditioning	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	5 x 22
	366	HD Radiator	Tube & Center*	24.12	28.3	1.98	.16	683	21.8	9	5 x 20
		Automatic Trans.	Tube & Center*	24.12	28.3	2.70	.16	683	23.6	9	5 x 20
HM70	401	HD Radiator	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
		Automatic Trans.	Tube & Center*	24.12	34.0	2.70	.16	820	33.1	9	6 x 20
HG70	DH478	HD Radiator	Tube & Center	—	—	2.0	.16 x .55	683	35.5	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.70	.16 x .55	683	35.5	9	5 x 24
HJ70	D637	HD Radiator	Tube & Center	—	—	2.70	.16 x .55	683	34	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.68	.16 x .55	683	40.0	9	5 x 24
	DH637	HD Radiator	Tube & Center	—	—	2.62	.16 x .55	776	39.5	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.68	.16 x .55	683	40.0	9	5 x 24
HV70	6V-53N	HD Radiator	Tube & Center	—	—	2.62	.16 x .55	776	39.5	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.62	.16 x .55	776	39.5	9	5 x 22
JM70	401	HD Radiator	Tube & Center	—	—	2.0	.20 x .55	792	39.5	9	5 x 22
		Air Conditioning	Tube & Center	—	—	2.0	.16 x .55	683	38.0	9	5 x 24
JG70	DH478	HD Radiator	Tube & Center	—	—	2.70	.16 x .55	683	38.0	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.70	.16 x .55	683	38.0	9	5 x 24
JJ70	D637	HD Radiator	Tube & Center	—	—	2.62	.16 x .55	683	34	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.68	.16 x .55	683	40.0	9	5 x 24
	DH637	HD Radiator	Tube & Center	—	—	2.62	.16 x .55	776	39.5	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.68	.16 x .55	683	40.0	9	5 x 24
JV70	6V-53N	HD Radiator	Tube & Center	—	—	2.62	.16 x .55	776	39.5	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.62	.16 x .55	776	39.5	9	5 x 24
TM70	401	HD Radiator	Tube & Center	—	—	2.0	.20 x .55	792	39.5	9	5 x 22
		Air Conditioning	Tube & Center	—	—	2.0	.16 x .55	683	38.0	9	5 x 24
TG70	DH478	HD Radiator	Tube & Center	—	—	2.70	.16 x .55	683	44	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.62	.16 x .55	627	37.5	9	5 x 22
TJ70	D637	HD Radiator	Tube & Center	—	—	2.62	.20 x .55	627	37.5	9	5 x 22
		Air Conditioning	Tube & Center	—	—	2.62	.20 x .55	727	44.5	9	5 x 24
HM80	401	HD Radiator	Tube & Center	—	—	2.62	.20 x .55	727	44.5	9	5 x 24
		Air Conditioning	Tube & Center	—	—	1.98	.16 x .55	683	35.0	9	5 x 24
	478	HD Radiator	Tube & Center	—	—	2.70	.16 x .55	683	37.0	9	4 x 24
		Air Conditioning	Tube & Center	—	—						
JM80	401	HD Radiator	Tube & Center	—	—	2.0	.16 x .55	683	38.0	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.70	.16 x .55	683	38.0	9	5 x 24
	478	HD Radiator	Tube & Center	—	—	2.70	.16 x .55	683	38.0	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.62	.16 x .55	776	39.5	9	4 x 24
TM80	401	HD Radiator	Tube & Center	—	—	2.0	.18 x .55	684	44.5	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.62	.16 x .55	727	45.5	9	5 x 24
WM80	401	HD Radiator	Tube & Center	—	—	2.62	.16 x .55	727	45.5	9	5 x 24
		Air Conditioning	Tube & Center	—	—	2.0	.18 x .55	684	44.5	9	5 x 24

*Cross-flow type

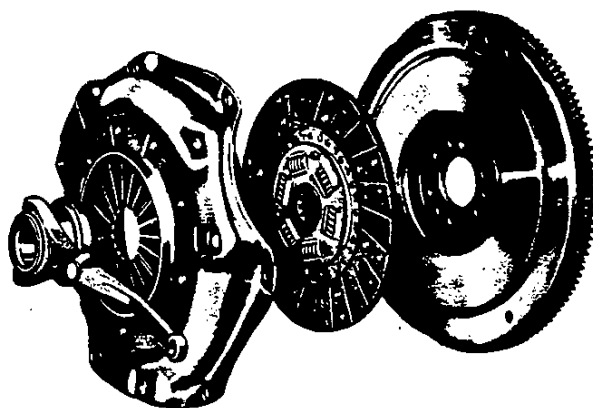
★Capacity shown with standard heater except P10-40 FC Chassis models and all Cowl models.

■Temperature-controlled fan

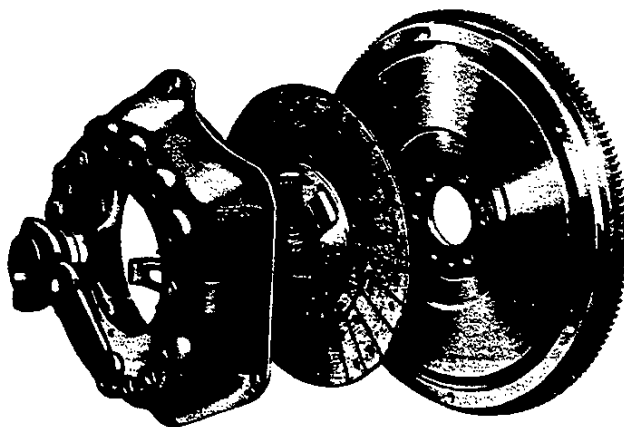
➤ Indicates change

DIAPHRAGM-SPRING CLUTCHES

Chevrolet's diaphragm-spring clutches are well known for driving ease and dependability. The diaphragm spring operates with very light pedal pressure, yet directs uniformly high pressure to the pressure plate and clutch disc. Self-lubricating pilot bushing and permanently lubricated throw-out bearing require no maintenance between normal clutch overhauls.



COIL-SPRING CLUTCHES



Chevrolet's coil-spring clutches combine operating ease with high torque capacity and durability in severe truck service. Heat-treated coil springs direct pressure to the pressure plate and driven disc. Coil-spring construction affords good ventilation for cooler operation and protection against burned facings. Pilot bushing and throw-out bearing are self-lubricated.

➤ CLUTCH CONTROLS

All Series 10-60 Tilt Cab models and all Series 70-80 models use hydraulic clutch controls. The brake pedal connects to a master cylinder and reservoir containing hydraulic fluid. This in turn connects to a slave cylinder mounted on the clutch housing which actuates the clutch throwout fork.

All other models use mechanical clutch controls.

CLUTCHES

SPECIFICATIONS

→ DIAPHRAGM CLUTCHES

Clutch Size (in)	10	11
Clutch Springs		
Material.....	Spring steel	
Number used.....	1	
Total pressure (lbs).....	1875	1825*
Driven Disc		
Type.....	Dry disc with two facings	
Number of plates.....	1	
Material.....	Woven asbestos composition	
Outside diameter (in).....	10	11
Inside diameter (in).....	6	6.5
Thickness (in).....	.133	.133
Area (sq in).....	100	124
Bearings		
Clutch-release type.....	Single-row ball	
Pilot type.....	Sintered-powdered bronze bushing	
Flywheel Material	Cast iron	

*1850 on CS10 with 292 Six

→ COIL CLUTCHES

Clutch Size (in)	12	12 (2-plate)	13	13 (2-plate)	14	14 (2-plate)
Clutch Springs						
Material.....	Heat-treated spring wire					
Number used.....	12	12	12	16	21	21
Total pressure (lbs).....	1877	1826	.2179	2200	3255	
Driven Disc						
Type.....	Dry disc with two facings**					
Number of plates.....	1	2	1	2	1	2
Material.....	Woven asbestos composition					
Outside diameter (in)...	11 $\frac{7}{8}$	11 $\frac{7}{8}$	12 $\frac{7}{8}$	12 $\frac{7}{8}$	13 $\frac{3}{4}$	13 $\frac{3}{4}$
Inside diameter (in)...	6 $\frac{3}{4}$	6 $\frac{3}{4}$	7 $\frac{1}{4}$	7 $\frac{1}{4}$	7 $\frac{1}{4}$	8
Thickness (in).....	.140		.150	.156	.187	.156
Area (sq in).....	150		178	356	215	393
Bearings						
Clutch-release type....	Single-row ball					
Pilot type.....	Single-row ball					
Flywheel Material	Cast iron					
Ring Gear						
Type.....	Cold-drawn steel					

**Dual disc clutches have four facings.

FUEL TANKS

➤ SPECIFICATIONS

Series	Tank Location	Std/Opt	Approximate Tank Capacity (gallons)	Type
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Chassis-Cab Models

C10-20 (exc 05/06/16); K10-20 (exc 05/06/16); C30; CS/CE40; CS/CE/CD/CG/MS/ ME50; CS/CE/CD/ME60	Back of seat in cab	Std	21	—
CS/CE/CD/CG/MS/ME50; CS/CE/CD/ME60	Outside RH & LH frame rails	Opt	50 (each)	Dual-Cylindrical
C10/20 (05/06/16); K10-20 (05/06/16)	Inside frame behind rear axle	Std	23.5	—
TS/TE40; TS/TE/TD/TG50; TS/TE/TD60	Outside RH frame rail	Std	18	—
HM/HG/JM/JG70 (exc HG710 & JG714)	Under cab RH side	Std	20	Rectangular
	Behind cab	Opt	37 (each)	Dual-Cylindrical
	RH frame rail behind cab	Opt	37	Cylindrical
HJ/HV/JJ/JV70 (exc JJ/JV714)	Outside RH frame rail	Std	64	Cylindrical
HJ70; HV712; JJ/JV717	Outside LH frame rail	Opt	37	Cylindrical
HJ/HV714; JJ720	Under cab—LH side	Opt	50	Cylindrical
JJ/JV720-721-723	Outside LH frame rail	Opt	64	Cylindrical
TG/TM70	Outside RH frame rail	Std	18	Rectangular
	Outside RH frame rail	Opt	30	Rectangular
TV70	On top of frame rail	Std	18	—
TJ70	Outside LH frame rail	Std	18	Rectangular
	Outside LH frame rail	Opt	37	Cylindrical
HM/JM80	Across frame behind cab	Std	17	Throwaway
	Behind cab	Opt	37 (each)	Dual-Cylindrical
	RH frame rail behind cab	Opt	37	Cylindrical
TM/WM80	Across frame behind cab	Std	17	Throwaway

Cowl Models

C10-20	Inside frame behind rear axle	Std	20.5	—
C30	Outside LH frame rail	Std	21	—
CS/CE40; CS/CE50; CS/CE60	Outside RH frame rail	Std	18	—

School Bus Models

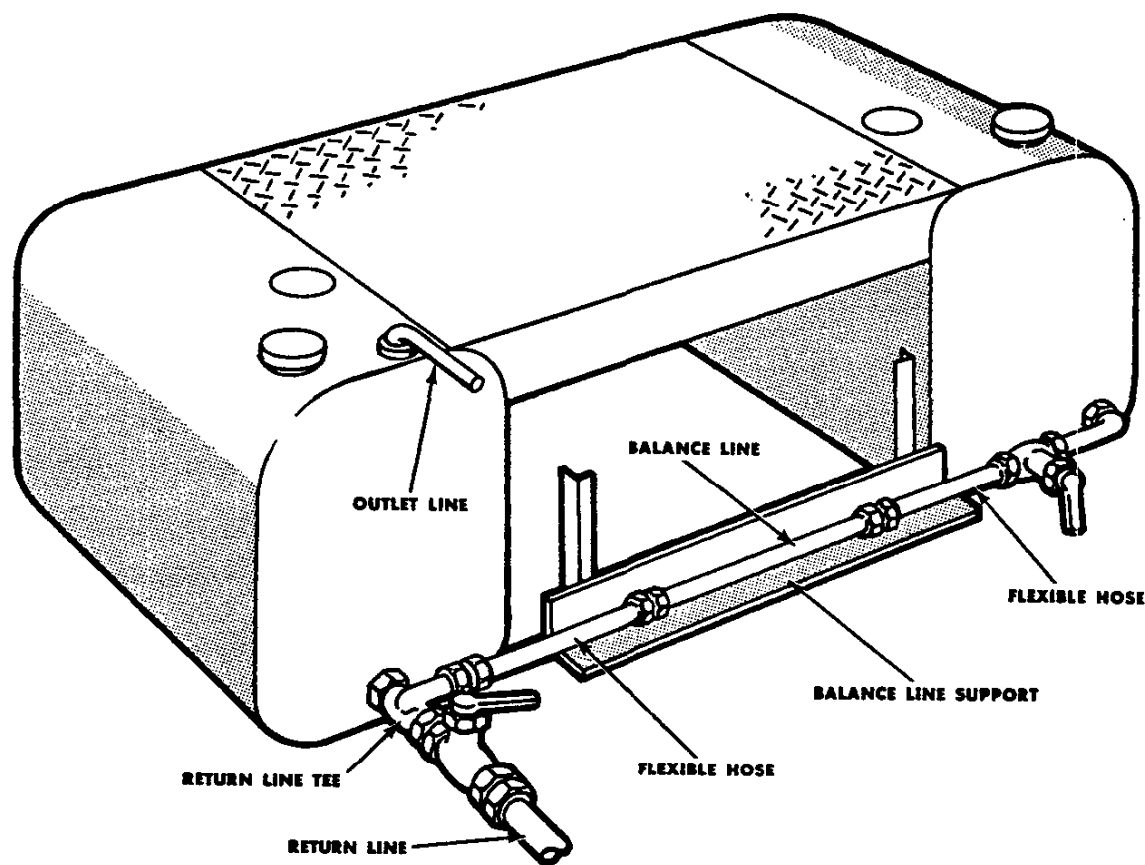
SS40; SS/SE50; SE60	Outside RH frame rail	Std	30	—
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Forward Control Models

G10-20	Behind rear axle	Std	24.5	—
P10	Inside frame behind rear axle	Std	20.5	—
PS/PE/PT20; PS/PE/PT30	Outside RH frame rail	Std	30	—
PS40	Outside RH frame rail	Std	20	—
		Opt	30	—

FUEL TANKS

LOCAL FUEL TANK INSTALLATIONS—DIESEL MODELS RECOMMENDED PRACTICES



When replacing the throwaway-type temporary fuel tank on a Chevrolet diesel truck, several important recommendations should be noted. If two tanks are to be installed, the fuel outlet and return lines should be connected to the same tank. However, they should be as far apart as possible to eliminate the possibility of picking up the hot fuel just returning from cooling the injectors. Recirculating this hot fuel before it has cooled can be harmful to the injectors.

The return line should feed directly into the tank (as shown below) with the balance line being hooked in with a tee fitting. The tee may be eliminated if there is an inlet line from each tank; in which case the balance line

connects the two tanks directly. The balance line should be adequately supported to prevent damage from flexing, etc. Flexible hose couplings should also be used on each end of the balance line so that any motion of the fuel tanks will be absorbed. Without them, poor tank mountings can cause fuel line failures due to twisting, flexing and vibration.

If either the muffler or exhaust pipe are located near the tank or fuel lines, a heat shield should be installed.

Recommended minimum fuel line sizes are:

- Outlet and balance lines— $\frac{3}{8}$ " tubing
- Return line— $\frac{5}{16}$ " tubing

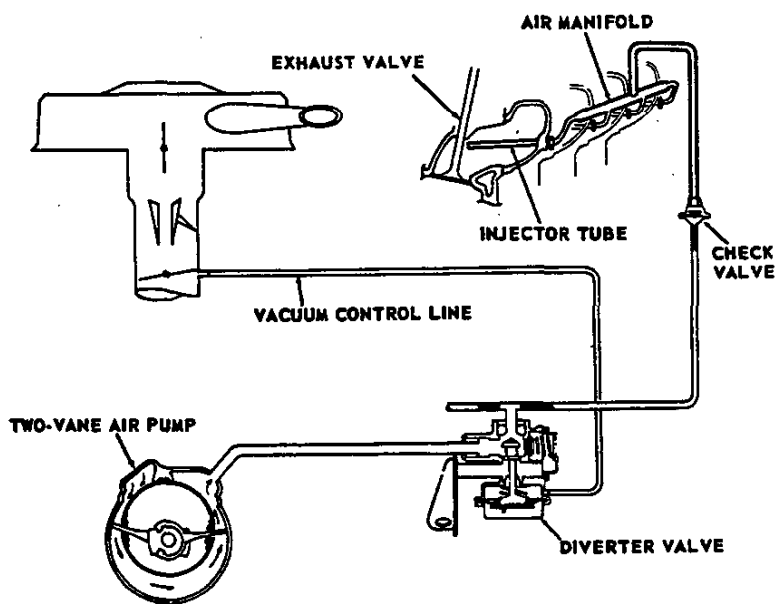
EXHAUST EMISSION CONTROL EQUIPMENT

GENERAL

Exhaust emissions are controlled on all El Caminos, all Series 10 models and Series 20 Suburban and Sportvan models. Two systems are employed: Air Injection Reactor (A.I.R.) and Controlled Com-

bustion System (C.C.S.). Both systems employ completely aluminized exhaust systems to reduce the corrosion rate and improve durability.

AIR INJECTION REACTOR (A.I.R.)



In this system, emissions of unburned hydrocarbons and carbon monoxide are controlled to levels specified by the Federal Motor Vehicle Air Pollution Control Act by injection of air into each exhaust valve port. This provides oxygen to support combustion of the luminous hot exhaust gases and continues oxidation of unburned hydrocarbons and carbon monoxide in the exhaust system.

The system is comprised of an air pump, diverter valve, check valves, air manifold and modifications to the carburetor and ignition distributor. Air for injection into the exhaust manifold is pro-

vided by a crankshaft-driven semi-articulated vane-type pump. Inlet air is cleaned by means of a centrifugal vane unit which separates dust particles and water from the air. The diverter valve serves two purposes in the system. It functions as a pressure limiting valve which maintains a constant flow of air to the exhaust manifold at vehicle speeds under 40 mph and also as a flow control valve to prevent backfiring in the exhaust system. Check valves, one on six-cylinder engines and two on eight-cylinder engines, operate to prevent back-flow of exhaust gases in event of pump or drive belt failure.

Usage of Air Injection Reactor (A.I.R.)

Engines	Transmissions
El Camino	
Turbo-Thrift 230 Six	Manual
Turbo-Thrift 250 Six	Manual
Turbo-Fire 307 V8	Manual
Turbo-Fire 327 V8	Manual
Turbo-Jet 396 V8	All
Series 10-20	
High Torque 230 Six	All
High Torque 250 Six	All
High Torque 292 Six	All
High Torque 307 V8	Manual
High Torque 327 V8	Manual
High Torque 396 V8	All

CONTROLLED COMBUSTION SYSTEM (C.C.S.)

This system uses standard engine components which are modified to control exhaust emissions. Basically, carburetor calibration and ignition distributor timing are optimized to produce more complete combustion during low and intermediate speeds. Engine inlet air is heated, as required, to prevent carburetor icing by an exhaust manifold stove, with air temperature controlled by a thermo-modulated valve in the air cleaner assembly.

Usage of Controlled Combustion System (C.C.S.)

Engines	Transmissions
El Camino	
Turbo-Thrift 230 Six	Automatic
Turbo-Thrift 250 Six	Automatic
Turbo-Fire 307 V8	Automatic
Turbo-Fire 327 V8	Automatic
Series 10-20	
High Torque 307 V8	Automatic
High Torque 327 V8	Automatic

