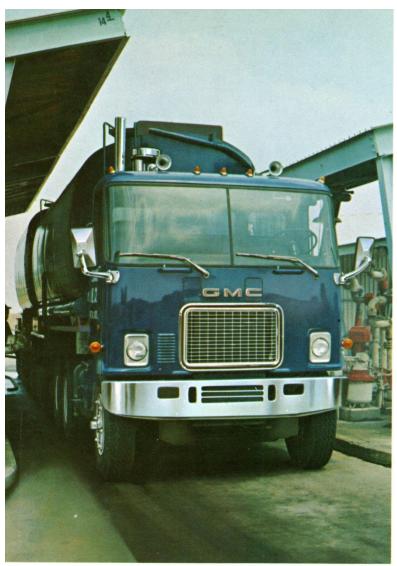




THE TRUCK PEOPLE FROM GENERAL MOTORS





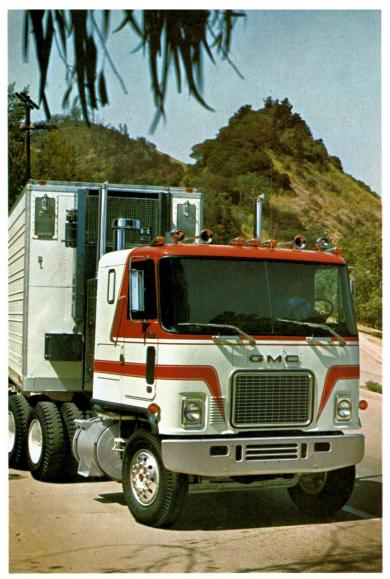
# GMC ASTRO 95... Designed for the Road and Driver

## FOR TIGHT SCHEDULES AND HEAVY LOADS

The Astro 95's 54-inch BBC cab models team up with doubles for top performance and maneuverability. Frontal air intake, available with 8V-71N, Detroit Diesel engines, improves back-of-cab to front-of-trailer clearance. A range of available road-proven diesels and power train components are combined to your specifications for the dependability you want on transcontinental runs.

### **TOUGH HEAVY-DUTY HAULER**

You can expect improved steering and handling characteristics behind the wheel of an Astro 95. Triple-jointed, shock absorbing steering shafts are standard. This arrangement reduces the transfer of road shocks to steering wheel. Specially designed front suspension with standard shock absorbers reduces the driver's steering effort on-or-off the road while improving the Astro's handling characteristics. Extra tough components are available for severe applications. Ask your GMC dealer for the facts.





## Comfort

### ASTRO-AIRE SUSPENSION GENTLES THE LOAD

The GMC designed Astro-Aire suspension offers over-the-highway operators a smooth, quiet ride, constant frame height and improved response to driver commands. Engineered to help reduce weight and maintenance requirements, the Astro-Aire suspension and the Astro 95 were designed for component saving, profitable operation.

### ACROSS THE COUNTRY OR ACROSS TOWN

The Astro 95 isn't choosy. At home on the highway or in midtown traffic, the Astro was engineered for ease of handling. Available power steering helps take up the strain of low speed maneuvers. Tight turning angles help too. The Astro 95 cab offers excellent close-in visibility with a specially contoured windshield and low object sighting window standard in the right hand door.

### NEED IT NOW ...

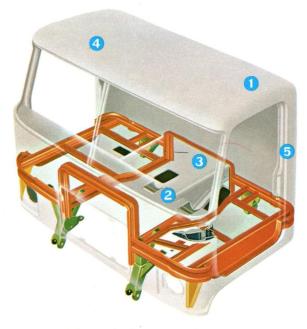
A wide selection of the popular models included in this catalog is available from the GMC QUICK DELIVERY POOL at Pontiac, Michigan. Ask your GMC dealer about this special service.



## GMC ASTRO 95 — Ahead Of Its Time

GMC built a cab that was new, designed around the driver. Time has proven the basic idea and now we're improving. But the same idea is still there; eye and body movements were reduced to cut driver fatigue. All controls were positioned for easy access and made easy to find with the addition of new, single source fiber optics that pipe the light to markers eliminating bulbs. Gauge faces read quickly. Sound levels were reduced for improved driver comfort. Cab pitch and vibration were reduced with specially engineered mounts. The end result is the cab that helped set the standards of the Seventies; the Astro cab where engineering skill pays off in driver comfort.





## Strong, Durable Cab Construction

GMC's Astro 95 aluminum cab is constructed to deliver strength and durability. 1 Formed aluminum panels are riveted and welded to extruded aluminum headers and rails for torsional strength. 2 Cowl as well as dash inner and outer panels form an integral unit when welded to the aluminum hinge pillars. 3 Floors are solid, warp-resistant panels welded to extruded aluminum framing. 4 Roof, rear and sides are thoroughly lined with insulation for sound deadening and improved driver comfort. 5 Doors are of all-steel construction, with inner and outer panels welded to rolled section framing for strength. The cab is built to last.



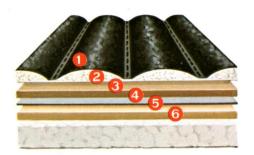
Cab interior illustrated at left is standard. Available instruments illustrated include ammeter, engine oil temperature gauge, air cleaner restriction indicator, semi-trailer brake controls and push button radio. Gauge faces with large numerals are easy to recognize and read.

Forward and side visibility are provided by the broad curving windshield and generous side windows. Standard header panels are padded with a low reflective surface material to reduce glare. Tinted glass is available.

Lightweight, fleet maintenance interior trim is also available. Ask your GMC dealer.

The Astro's aerodynamic wind tunnel design reduces side splash and helps keep side windows clear without spoilers. Smooth laminar air flow surfaces help cut wind resistance, reduce horsepower requirements.





Insulation in roof, side walls and floor is standard in all 54-inch BBC cabs and included in all available sleeper compartments. Floor insulation is topped with a heavy vinyl-coated rubber mat or available carpeting.

Black, embossed vinyl forms the attractive, washable, low reflective surface of the standard laminated insulation.

2 Expanded foam inter-layer provides a very effective thermal and acoustical barrier.

3 Semi-rigid inter-liner retains panel shape, maintains a lasting appearance by absorbing most road shock and vibration

4 ¼-inch Tufflex sound and heat insulation helps prevent heat loss while reducing exterior noise.

5 Polyethylene inter-layer works as an effective heat control and moisture barrier.

6 ½-inch, semi-rigid, polystyrene foam panels in flush contact with sheet metal form a sound and heat barrier between outside surfaces and cab interior.

## GMC ASTRO 95 Comfort and Driver Convenience...

## Helps Improve Driver Performance

Built-in features and a wide selection of available equipment cater to individual driver preferences. Astro interiors accent the industry standards for driver efficiency and comfort. Outside air, heating and ventilating controls are integral and readily adapt to available air conditioning for cab and sleeper compartment with vents and controls in both locations. When you look at the Astro 95, you can see it was built to move fast, far and profitably.



Available Astro sleeper compartments are 7 feet, 1 inch long. There's plenty of room to stretch out and relax. Three bunk widths include a 24-inch berth in the 74-inch BBC unit and 32 or 36-inch berths in the 86-inch BBC models. Sleeper compartments are fully insulated top, sides and bottom for complete temperature control and trimmed in matching black vinyl. Sleeper is equipped with a separate heater and controls to provide comfort down to 20 degrees F. below zero. Dual screened vents  $4\frac{3}{4}$ " x  $11\frac{3}{4}$ " are included. Deluxe vinyl sleeper compartment curtain is available. Occupant restraint system is standard.



Standard tilt steering wheel quickly adjusts 12 degrees for driver comfort and ease of handling. Molded 21-inch steering wheel is standard for increased leverage and reduced driver effort.





The standard deluxe heater and defroster unit supplies comfort to 15 degrees F. below zero. Separate heater and controls are included in the available sleeper compartment models.



Available air conditioning is integral with outside air, heater and defroster with separate ducts to the available sleeper compartment. A roof mounted, dealer installed accessory air conditioning unit is also available. Directional outlets of integral air conditioning unit are located in the top of the console and directly in front of the driver.



Airflow inside the cab and available sleeper compartment is aided by (1) dual, two-way screened vents standard in the available sleeper cabs, (2) standard, two-way screened vent in the driver's door and (3) the available power-operated right hand window control.



Standard low-silhouette sighting window do contoured console section allow driver to see low profile objects, children, and objects approximately three feet from the cab side.



Improved rear visibility is standard with the Astro's single-arm mirror. Placed low and forward on the cab to give the driver excellent side vision, the  $9" \times 14"$  area gives drivers a good look behind.



One of the largest wiped windshield areas available. Dual, 26-inch long air operated wipers with individual controls for driver convenience. Air-operated wiper motors are easily accessible inside the cab for fast servicing.



Electrical controls, available radio and cab heater controls are grouped within easy reaching distance at the driver's right. Stereo tape deck or AM, AM/FM radios are available for added enjoyment.



Twin baggage compartments which lock from the inside are standard equipment in all available sleeper compartments. Size varies according to BBC dimension with the maximum 37½ inches long by 30 inches deep by 15 inches high on 86-inch BBC models. Interior compartment insulation is standard.





Standard 70 ampere master circuit breaker with manual reset protects the Astro 95 electrical system. Individual automatic circuit breakers protect all cab circuits including headlamps.



Specially designed narrow windshield pillar is triangular. Narrow side in cab provides excellent driver visibility.

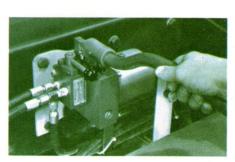


Available National or Bostrom suspension seats with standard seat belts offer a selection of torsion bar, air or pneumatic seat controls. Matching stationary companion seats are available.



## **GMC ASTRO 95 Tilt Cab Advantages**

The Astro 95 tilt mechanism allows the cab to be tilted and stopped in any position from 0 degrees to 78 degrees for complete engine access. Velocity pressure valves protect the mechanic and cab by locking the tilt mechanism in case of pressure loss. Cab is equipped with both mechanical and hydraulic latches which assure positive cab locking even with the chassis less than level. Easy to operate, one man can control the entire operation; cab tilts without removal of any mechanical checks or links. Saves time.



Designed for one-man operation, the Astro's hydraulic tilt mechanism is frame-mounted. Hand pump permits control over tilt angle. Two-way control valve prevents unwanted movement.





Double cab locks securely fasten cab to frame in the full down position. Cab mount position at the extreme rear of the cab absorbs bounce to reduce cab pitch for a ride that's easy on sheet metal and the driver.



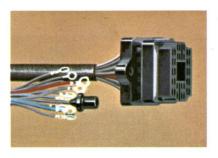
Remote engine start system uses key locked switches inside the cab and a remote start button accessible when the cab is fully tilted. Fully weather proofed and invaluable for routine service operations.



Stationary control island with transmission shift lever and engine stop controls ends disconnecting linkages when tilting cab for routine servicing.



Cast-in tow eyes with 50-ton capacity are standard with every Astro. Located behind the front bumper and capable of handling the maximum rated load up a 20% grade.



Quick disconnect 32 way electrical connector at the right of the instrument panel, with circuit identification, permits easy servicing. Single pin quick disconnect is located adjacent to the 32 way disconnect and carries the full electrical load of the cab.



Convenient front-of-cab access doors allow fast checking and servicing of oil and coolant levels. Radiator cap, oil filler and dip stick are conveniently positioned. Radiator sight glass also allows for quick checking of coolant levels.



Astro 95 doors are all-steel construction with rounded corners. Interior panels are trimmed with matching vinyl and equipped with a tough, resilient grab handle.



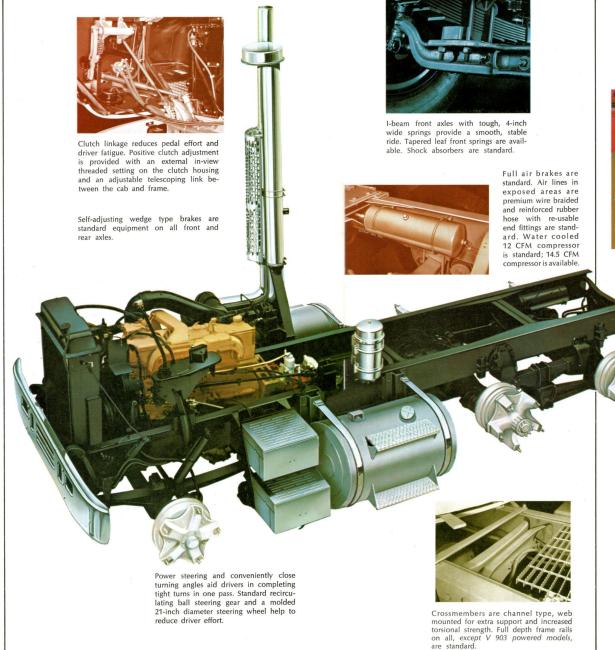
Door perimeter frames help maintain door fit and alignment; protect door latch mechanism from weather extremes. Push button door latch and lock mechanism are located at an easy-to-reach height.



## ASTRO 95 CHASSIS

## Engineered to Meet the Challenges of Tough Jobs

Meet the chassis that doesn't know when to quit. GMC engineers planned it that way. The entire assembly is built around a full channel, full depth, frame rail structure designed to keep components aligned. Careful selection of drive train, braking, suspension and electrical sub-assemblies assure a matched package whatever the selection of engine, transmission and related components. The payoff is years of reliable, low-maintenance





#### Astro-Aire Suspension—

Designed by GMC for Improved Ride and Handling

Astro-Aire delivers an even ride regardless of load condition, by using independent control arms to achieve top vehicle stability. Sway bars have been eliminated and less driver steering correction is required. For added security, the bellows receive air pressure only after the air brake tanks have working pressure.

#### **Big Payload**

Astro-Aire pays off where it counts the most . . . in ride and load control. This simple yet efficient air spring and control arm system does more with less . . . plus offering the advantages of constant frame height, light or loaded. A control valve regulates desired air pressure to the air springs matching all load conditions.

#### **Reduced Maintenance**

Fewer parts mean less maintenance. All moving parts are rubber bushed to eliminate lubrication. Rubber bumpers in the air springs contribute to reducing expensive downtime on the road. Astro-Aire absorbs most damaging road shock before it reaches the tractor. You realize long component life and reduced cost. Astro-Aire delivers a smooth, quiet ride and a consistently level ride while cradling cargo comfortably.

## Your Selection of Popular Diesels

Road proven Cummins and Detroit Diesel engines match the power requirements of practically every hauling application. There's an engine selection of 4 or 2 cycle operation and sixteen ratings that range from 201 to 390 SAE net horsepower. Ask your GMC dealer for the facts about the wide range of standard and available engine and power train components including available air starters and heavy-duty automatic transmissions.



Cummins 4 cycle diesels are recognized for consistent durability and low upkeep. Seven Cummins diesel engines are available in the Astro 95 model line including the NH 230, NHC 250, NTC 290, NTC 335, NTC 350, V 903 and VT 903. Power ratings range from 211 to 325 SAE net horsepower.



The 6-71N Detroit Diesel engine is standard equipment in the FI (single axle) and DI (tandem rear axle) models. Available with two basic horsepower ratings of 201 to 219 SAE net horsepower and up to 600 SAE net lbs.-ft. of torque depending on injector size.



The 8V-71NE and 8V-71T (turbocharged) Detroit Diesel engines are available in FH (single axle) and DH (tandem axle) models. Available in any one of six horsepower ratings up to 327 SAE net horsepower and up to 962 SAE net lbs.-ft. of torque depending on configuration and injector size.



Detroit Diesel's 12V-71N with 60MM injectors means power in any application. With up to 390 SAE net horsepower and 1078 SAE net lbs.-ft. of torque the 12V-71N is available in the DP-9502 Astro 95 with 86-inch BBC sleeper cab.



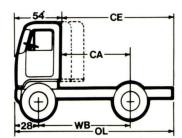
Cummins 4 cycle, V 903 is designed for top performance at all altitudes and consistent durability. With up to 285 SAE net horsepower and 685 SAE net lbs.-ft. of torque, the V 903 is available in FB (single axle) and DB (tandem axle) models. The turbo-charged VT 903 is available.

			SAE NET		COMP.
ENGINE TYPE†	CU. IN. DISP.	HP & RPM	TORQUE (LBSFT.) @ RPM	BORE & STROKE	RATIO (TO 1)
DETROIT DIESEL		•		•	-
6-71N (60MM)	425.6	201 @ 2100	552 @ 1200	4.25 x 5.0	18.7
6-71N (65MM)	425.6	219 @ 2100	600 @ 1600	4.25 x 5.0	18.7
8V-71NE (55MM)	567.5	242 @ 1950	696 @ 1200	4.25 x 5.0	18.7
8V-71N (60MM)	567.5	265 @ 2100	732 @ 1200	4.25 x 5.0	18.7
8V-71N (65MM)	567.5	289 @ 2100	758 @ 1600	4.25 x 5.0	18.7
8V-71T (65MM)*	567.5	285 @ 2100	825 @ 1400	4.25 x 5.0	17
8V-71T (70MM)*	567.5	312 @ 2100	880 @ 1400	4.25 x 5.0	17
8V-71T (75MM)*	567.5	327 @ 2100	962 @ 1600	4.25 x 5.0	17
12V-71N (60MM)	851.0	390 @ 2100	1078 @ 1200	4.25 x 5.0	18.7
CUMMINS DIESEL					00
NH 230	855.0	211 @ 2100	591 @ 1500	5.50 x 6.0	15.8
NHC 250	855.0	229 @ 2100	633 @ 1500	5.50 x 6.0	15.8
NTC 290	855.0	260 @ 2100	821 @ 1350	5.50 x 6.0	14.3
NTC 335	855.0	319 @ 2100	890 @ 1600	5.50 x 6.0	14.1
NTC 350	855.0	325 @ 2100	939 @ 1500	5.50 x 6.0	14.1
V 903	903.0	285 @ 2600	685 @ 1800	5.50 x 4.75	16.5
VT 903* (SAE GROSS)	903.0	††320 @ 2600	††775 @ 1800	5.50 x 4.75	15.5

## **GMC ASTRO 95 Specifications**

SERIES	FI-9502	FH-9502††	FN-9502	FC-9502	FB-9502•	DI-9502	DH-9502††	DN-9502	DC-9502	DB-9502•	DP-9502
GROSS RATINGS, MAXIMUM GVW LBS.	33,500	33,500	33,500	33,500	33,500	45,500	50,500	49,500	50,500	45,500	50,500
GCW LBS.	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800
AXLE, FRONT, 12,000 LBS.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.
16,000 LBS.	_	_	<b>—</b>	-		_	AVAIL.	-	AVAIL.	_	-
AXLE, REAR, 22,000*	STD.	_	-	=		-	_		_	-	-
SINGLE, LBS. 23,000**	AVAIL.	STD.	STD.	STD.	STD.	_	-	_	-	-	_
AXLE, REAR, 34,000*	_	_		_		STD.	STD.	STD.	STD.	STD.	-
TANDEM, LBS. 38,000*		_	-	_		_	AVAIL.	AVAIL.	AVAIL.	-	STD.
44,000	_	_	_	_	-	-	AVAIL.	-	-	-	-
SUSPENSION HENDRICKSON RT	_	_	-	-		<b>—</b>	AVAIL.	AVAIL.	AVAIL.	-	STD.
RU	_	_	_	-	-	STD.	STD.	STD.	STD.	-	_
REYCO 101†	_	_	_	-	-	AVAIL.	AVAIL.	AVAIL.	AVAIL.	STD.	-
GMC ASTRO AIRE†	_	_	-	_		AVAIL.	AVAIL.	AVAIL.	AVAIL.	_	-
BRAKES, SERVICE, FULL AIR	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.
CLUTCH 14" DUAL DISC	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.	-
15½" DUAL DISC	-	AVAIL.	AVAIL.	AVAIL.	-	_	AVAIL.	AVAIL.	AVAIL.	-	STD.
ENGINE 6-71N (60MM)	STD.	-	-	-	_	STD.	_	_	_	-	-
6-71N (65MM)	AVAIL.	-	_	-	_	AVAIL.	_	_	_	-	-
8V-71NE (55MM)	_	STD.	-	-	-	-	STD.	-	-	7 -	-
8V-71N (60MM)	_	AVAIL.	_	-		-	AVAIL.	_	-	-	-
8V-71N (65MM)	_	AVAIL.	-	-	_	-	AVAIL.	- 1	_	-	_
NH 230	_	-	AVAIL.	-	-	_	_	AVAIL.	_	-	-
NHC 250	-	-	STD.	-	-	-	-	STD.	-		-
NTC 290	_	_	-	STD.		-	-	-	STD.	-	-
NTC 335	-	-	-	AVAIL.	-		_	-	AVAIL.	-	_
V 903	-	-	-	-	STD.		_	-	-	STD.	-
12V-71N (60MM)		_		-	-	-	_	-	-		STD.

\*18221 Two-Speed \*\*19121 Single-Speed or 19221 Two-Speed, depending on model †Available with SLHD or SQHD rear axles only †8V-71T Available as factory installed equipment •VT 903 Available as factory installed equipment



### SINGLE AXLE ASTRO 95

SERIES NUMBER	FB-9502 FH-9502 —	FI -9502 FH-9502 FN-9502 FC-9502	FI -9502 FH-9502 FN-9502 FC-9502	FI -9502 FH-9502 FN-9502 FC -9502
WB-WHEELBASE, IN.	110	118	130	142
CA-STANDARD CAB TO REAR AXLE, IN.	84	92	104	116
CE-STANDARD CAB TO END OF FRAME, IN.	132	140	164	176
OL-BUMPER TO END OF FRAME, IN.	186	194	218	230

Note: CA and CE dimensions shown are the maximum for standard cab. Consult the Data Book for the effective dimensions controlled by engine and attached components.

Refer to Load Capacity Chart in Data Book or Owners Manual for minimum equipment required for maximum GVW or GCW.





SERIES		FI-9502	FH-9502	FN-9502	FC-9502	FB-9502	DI-9502	DH-9502	DN-9502	DC-9502	DB-9502	DP-9502
FRAME, IN. 10 x 31/2	x 1/4	STD.	STD.	STD.	STD.	STD.	STD.	STD,	STD.	STD.	STD.	STD.
REINFORCEMENT			-		_		AVAIL.	AVAIL.	AVAIL.	AVAIL.	44	-
SPRINGS, FRONT,	6,000 LBS. EACH	STD.										
RATED AT GROUND	TAPERED LEAF	AVAIL.										
SPRINGS, REAR,	11,500 LBS. EACH	STD.	STD.	STD.	STD.	STD.		_		-		
RATED AT GROUND	9,250 LBS. EACH	AVAIL.	-					_		-	77.30	
AUXILIARY	2,320 LBS. EACH	AVAIL.	AVAIL.	AVAIL.	AVAIL.	_		_	-		1-1-1	
STEERING, HYDRAUL	IC POWER	AVAIL.										
TRANSMISSION	5-SPEED	STD.	_				STD.	_	_	-	1	-
	10-SPEED	AVAIL.	STD.	STD.	STD.	STD.	AVAIL.	STD.	STD.	STD.	12	
	13-SPEED	AVAIL.	AVAIL.		AVAIL.		AVAIL.	AVAIL.	AVAIL.	AVAIL.	STD.	STD.
TIRES	STANDARD	10.00/20-F										
	MAXIMUM	11.00/22-F										
WHEELS	CAST SPOKE	STD.										
	10 STUD DISC	AVAIL.										

<sup>\*18221</sup> Two-Speed

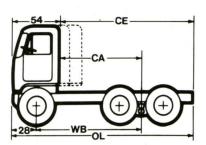
†Available with SLHD or SQHD rear axles only

### **TANDEM AXLE ASTRO 95**

SERIES NUMBER	DI -9502 DH-9502 DN-9502 DB-9502	DI -9502 DH-9502 DN-9502 — DP-9502 DC -9502	DH-9502 DN-9502   DC-9502	DH-9502 - - - DC -9502	
WB-WHEELBASE, IN.	142	150	165	195	
CA-STANDARD CAB TO REAR AXLE,* IN.	116	124	139	169	
CE-STANDARD CAB TO END OF FRAME, IN.	201	201	201	254	
OL-BUMPER TO END OF FRAME, IN.	255	255	255	308	

Note: CA and CE dimensions shown are the maximum for standard cab. Consult the Data Book for the effective dimensions controlled by engine and attached components.

Refer to Load Capacity Chart in Data Book or Owners Manual for minimum equipment required for maximum GVW or GCW.



<sup>\*\*19121</sup> Single-Speed or 19221 Two-Speed, depending on model

<sup>\*</sup>Effective CA less 22" (DP).



Vehicles shown illustrate standard or available factory-installed equipment unless noted as dealer installed accessories. Items referred to as options or available are at extra cost. Different model applications of the components that are listed in accompanying tables as well as many other items of factory-installed equipment may be ordered through your GMC dealer.

GMC Truck & Coach Division reserves the right to make changes at any time without notice in prices, colors, materials, equipment, specifications and models and also to discontinue models. Data shown is basic information for the prospective buyer effective at time of issuance of this pamphlet. Dealer will provide complete up-to-date information on available equipment, specifications, etc. not shown here.



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GMC SUDDEN SERVICE SYSTEM—800-521-2800 In Michigan call: 800-572-7953 "Not applicable in Alaska, Hawaii, or foreign countries."

## GMC

## **TRUCK & COACH DIVISION**

GENERAL MOTORS CORPORATION

Pontiac, Michigan 48053