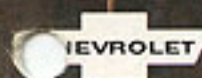


# 1970 CHEVROLET MOVERS



TILT CABS, SERIES 70-80-90





# TITAN 90 Aluminum Tilt Cab

biggest Chevrolets ever built for your longest, heaviest hauls

With the new Titan 90 series, Chevrolet offers everything you need in a long-haul specialist. GCW ratings up to 76,800 lbs. Single-axle models and tandems in three BBC dimensions. The most advanced cab design on the road. And a choice of diesel power that includes straight-6

and V8 Detroit Diesels and 855-cu.-in. Cummins engines rated up to 335 hp.

The rugged Titan 90 aluminum cab holds weight to a minimum. Aerodynamic styling reduces wind resistance and enhances fuel economy. Visibility is unexcelled, thanks to massive window area and

narrow corner posts. Windshield and side windows are tinted to cut glare. Heavy insulation keeps noise level inside the cab close to passenger car levels.

Titan 90 interiors set a new standard for driver efficiency and comfort. Wraparound instrument console keeps all





gauges clearly visible, pits all controls within easy reach. It's the most functional and logical instrument placement ever designed into a truck. Comfort begins with the fully adjustable Bostrom Thinline Deluxe bucket seat for the driver. Big 21-inch steering wheel tilts to the most comfortable driving position. Fresh air heating, ventilating and defrosting are built in. And integral air conditioning may be ordered.

Sleeper cab units carry the longest berth on the road—

7' 4" of stretch-out comfort. Three bunk widths include a 24-inch berth with 74-inch BBC units and 32- or 36-inch berth with 86-inch BBC models.

An advanced hydraulic system makes tilting the cab an easy one-man operation. Cab can be tilted a full 78 degrees for total access to engine and power train components. Access doors at the front of the cab allow routine checks of oil and coolant levels without tilting.

The closer you look at the

Titan 90, the more you realize it's built to move more goods farther, faster, more profitably.

#### STANDARD EQUIPMENT INCLUDES:

- Lightweight aluminum cab with hydraulic tilt mechanism and stationary control island
- Heat-treated steel frame
- Spicer 5-speed or Fuller 10-speed transmission, depending on model
- Tinted windshield and side windows
- Bostrom Thinline Deluxe driver's seat with hydraulic shock absorber
- Special bus-type mirrors
- Adjustable tilt steering wheel
- Luggage compartment (with sleeper cab units)
- Full air brakes and fail-safe parking brake with separate air reserve



Adjustable steering column.



Hydraulic tilting mechanism.  
Water and oil fill access doors.





# TITAN 90 Chassis

## has the stamina you need in a linehauler

Each component in the Titan 90 chassis and driveline has been engineered to function efficiently under grueling operating conditions. Where unusually severe requirements are anticipated, heavy-duty options are available for most components. The Specifications Charts at the back of the book provide detailed information on the availability of options for specific models.

**FRAME**—Straight-channel full-depth frame rails are 110,000 PSI heat treated steel for maximum strength with minimum weight. L-type reinforcements are available. Dual heavy-duty crossmembers of channel type back-to-back construction are mounted to frame webs for peak strength in frame flanges. Rear crossmembers are contoured for kingpin clearance during trailer coupling. Cast-in tow eye with 50-ton capacity is located behind the front bumper.

**STEERING**—Recirculating ball steering gear, plus the leverage of a 21-inch-diameter steering wheel, combines to reduce handling effort significantly. Overall steering gear ratio is 36 to 1. Exceptionally close turning angle permits completing tight turns in one pass. Power steering is included with the optional 16,000-lb. front axle or is available separately.

**FRONT SUSPENSIONS**—Wide track 12,000-lb. I-beam front axles are standard. Also available are 16,000-lb. front axles. Four-inch-wide front springs provide a smooth, stable ride. 1½-inch diameter double-action front shock absorbers are standard for improved ride control.

**CLUTCHES**—Dual-disc 14-inch clutches are standard with all engines. A 15½-inch dual-disc clutch is available. Fully mechanized linkage system affords built-in leverage to provide low pedal effort and reduce driver fatigue. Clutch remains connected with cab in the tilted position. Adjustable ball joint connectors offer automatic readjustment and easy tailoring of pedal pressure for driver preferences.

**TRANSMISSIONS**—Base transmissions are Fuller 10-speed direct or Spicer 5-speed direct with standard ratios, deep low gears or short fourth, depending on Titan 90 model. Four-speed auxiliary transmissions are available. Also available are a Fuller 13-speed overdrive unit and a Spicer 16-speed overdrive transmission.

**SINGLE REAR AXLES**—Two different Eaton rear axles are standard, depending on the Titan 90 model selected. One is a 22,000-lb. two-speed air-shifted unit. The other is a 23,000-lb. single-speed axle. Both have spiral bevel drive gears. Also available is a Rockwell 23,000 single-speed rear axle with hypoid drive gears. Ride-smoothing variable-rate leaf spring rear suspensions are utilized. 22,000-lb. and 24,000-lb. capacity springs are standard depending on axle selections. Auxiliary springs are available for greater ride control and stability with high center of gravity loads.

**TANDEM REAR AXLES**—Standard rear axles are single- or three-speed units rated at 34,000-lb. capacity at ground. Rockwell axles with 38,000-lb. and 44,000-lb. capacity ratings are available. Hendrickson lightweight spring suspensions are standard on all

Titan 90 tandems. For extra weight savings, Page & Page LWH suspension may be ordered as special equipment.

**BRAKES**—Every Titan 90 is equipped with full air brakes. "S" cam front brakes and wedge-type rear brakes are standard. "S" cam rear brakes are available. Fail-safe combination parking and emergency brakes have an independent air reservoir.

**WHEELS AND TIRES**—Cast-spoke wheels are standard and ten-stud Budd-type disc wheels are available. Tires are of the nylon cord tube type. To comply with varying requirements, tires in a wide range of sizes and tread patterns can be ordered.

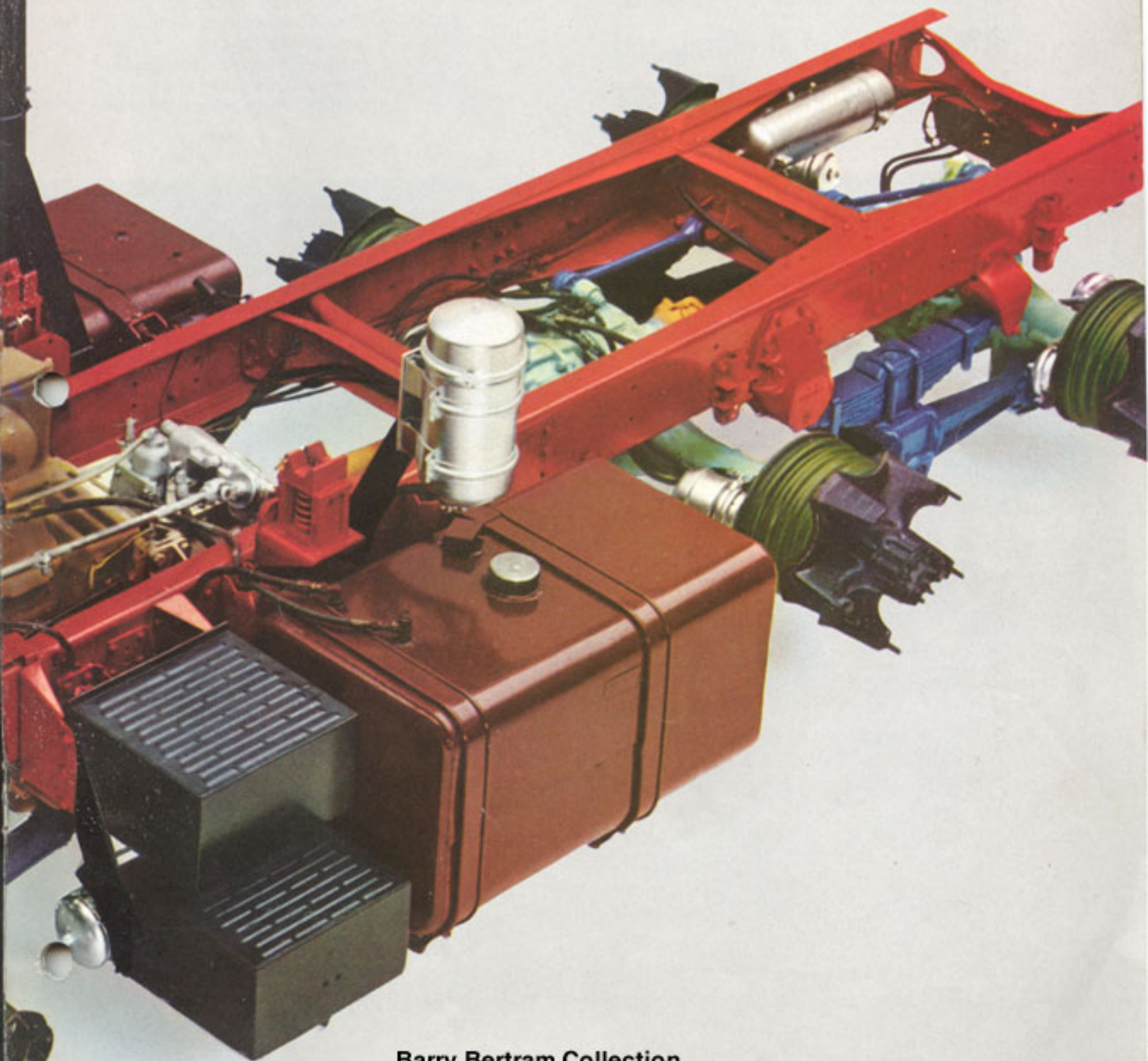




TITAN 90 TILT MODELS TRANSMISSION RATIOS

Gear Ratios	Spicer				Fuller							Spicer								Aux. Trans.
	6852S	7352B	7452E	8552A	T-905A	RT-910		(Deep Lo)	RTO-913			8716-3B				8516-3B				8341F 8345F*
						(Lo)	(Hi)		(Lo)	(Dir.)	(O.D.)	(Lo)	(Int.)	(Dir.)	(O.D.)	(Lo)	(Int.)	(Dir.)	(O.D.)	
1st	5.71	7.28	6.58	7.30	6.35	8.05	2.51	12.50	8.35	2.47	2.14	8.17	6.08	5.11	4.29	10.45	7.96	6.53	5.30	1.60
2nd	3.20	4.38	3.70	4.17	3.75	6.30	1.97	—	6.12	1.81	1.57	4.72	3.51	2.95	2.48	5.47	4.17	3.42	2.78	1.19
3rd	1.89	2.71	1.94	2.52	2.38	4.99	1.55	—	4.56	1.35	1.17	2.73	2.03	1.71	1.44	2.98	2.27	1.86	1.51	1.00
4th	1.15	1.61	1.18	1.56	1.54	3.95	1.24	—	3.38	1.00	0.87	1.60	1.19	1.00	0.84	1.60	1.22	1.00	0.81	0.84
5th	1.00	1.00	1.00	1.00	1.00	3.20	1.00	—	—	—	—	—	—	—	—	—	—	—	—	—
Rev.	5.73	7.33	6.62	7.00	6.48	8.73	2.73	—	13.07	3.87	—	8.00	5.95	5.00	4.20	10.22	7.78	6.39	5.19	—

\*Aluminum Case



Barry Bertram Collection



# Interiors of Chevy tilt cabs are pleasant places to work

## TITAN 90 aluminum tilts

Jet-cockpit styling of the Titan 90 cab adds efficiency and good looks. Wraparound console groups instruments in modules according to their

use and importance. Behind the adjustable tilt steering column, the driver is able to monitor his rig with a minimum of eye movement. Standard instruments include speedometer, tachometer, coolant temperature gauge, fuel gauge, oil pressure gauge, air tank pressure gauge and voltmeter. In addition, warning lights and buzzers indicate low air pressure, low oil pressure and high coolant temperatures.

The large Titan 90 windshield, tinted to reduce glare, offers unexcelled

visibility. Specially contoured window pillars provide maximum support to the cab structure with a minimum of vision interference. An unusual sighting window in right-hand door allows the driver to see low-profile vehicles and pedestrians as close as three feet from the cab.

Spacious interiors are trimmed in glare-reducing black vinyl and handsome wood-grain panels. Standard driver's seat is the Bostrom Thinline Deluxe. It's fully adjustable and dampens

Aluminum tilt cab interior — 90 Series

Barry Bertram Collection

