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THE SUN  
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MERCEDES-BENZ  
TRUCKS.



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## DIESEL ENGINEERED FROM THE GROUND UP.

A short bumper-to-back-of-cab dimension of 88.2 inches minimizes overall length. The set back front axle provides for easier maneuverability, while still providing maximum carrying capacity.



The short, aerodynamically contoured hood improves fuel economy and provides excellent visibility.

The Mercedes-Benz cab suspension is engineered to absorb diesel engine vibrations.

Under the hood, the Mercedes-Benz OM 352 or turbo-charged OM 392A engine. Both are 6-cylinder, in-line diesel engines featuring Bosch fuel injection systems and many other features usually found only in larger displacement engines—and without the usual operating restrictions of mid-range diesels.



Standard 53-gallon fuel tank has twice the capacity offered as standard on most other medium-duty trucks.

Standard Specifications		MODEL AND GVW	11113—21,000 lbs.	11114—21,000 lbs.	11118—31,000 lbs.	11119—31,000 lbs.
Engine	Model	M-8 CME 172 naturally aspirated	M-8 CME 1624 turbocharged	M-8 CME 1624 turbocharged	M-8 CME 1625 naturally aspirated	
	Displacement	146 cubic inches	146 cubic inches	146 cubic inches	146 cubic inches	
	RPM (SAE 1149)	130 at 2600 rpm	130 at 2600 rpm	130 at 2600 rpm	130 at 2200 rpm	
	Maximum torque (SAE 1149)	240 gross lb-ft at 2400 rpm	310 gross lb-ft at 2100 rpm	310 gross lb-ft at 2200 rpm	280 gross lb-ft at 1800 rpm	
	Number of cylinders	6 in-line	6 in-line	6 in-line	6 in-line	
Engine Equipment	Fuel injection system	Direct	Direct	Direct	Direct	
	Air compressor	M-8 one cylinder carburetor driven	M-8 one cylinder carburetor driven	M-8 one cylinder carburetor driven	M-8 one cylinder carburetor driven	
	Cold weather starting aid	Electrically operated	Electrically operated	Electrically operated	Electrically operated	
	Choke/water flow dry plate	12.2 inches diameter	12.2 inches diameter	12.2 inches diameter	13 inches diameter	
	Engine heater	Air actuated by driver's foot	Air actuated by driver's foot	Air actuated by driver's foot	Air actuated by driver's foot	
	Air cleaner	Two two stage	Two two stage	Two two stage	Two two stage	
Electrical Equipment	Starter	12V-4 hp	12V-4 hp	12V-4 hp	24V-4 hp	
	Alternator	14V-35A	14V-35A	14V-35A	14V-35A	
	Battery	(1) 172 Amp-hr-12V	(1) 172 Amp-hr-12V	(1) 172 Amp-hr-12V	(2) 90 Amp-hr-12V	
Transmission		Manual 5-spd. 3-speed fully synchronized	Manual 5-spd. 3-speed fully synchronized	Manual 5-spd. 3-speed fully synchronized	22-5400 4-speed fully synchronized	
Axles	Front axle capacity	6,000 lbs.	6,000 lbs.	12,000 lbs.	12,000 lbs.	
	Rear axle capacity (GAW)	24,000 lbs. 4.8 to 5.7	16,800 lbs. 4.8 to 5.7	22,000 lbs. 5.2 to 6.1 23,000 lbs. 5.7 to 6.6	22,000 lbs. 4.7 to 4.8	
Brakes	Service brake	Air over hydraulic, 2 circuit	Air over hydraulic, 2 circuit	Fall air system, cam type	Fall air system, cam type	
	Parking brake	Pneumatically controlled spring chamber acting on both rear wheels, spring chamber assisted with air release	Pneumatically controlled spring chamber acting on both rear wheels, spring chamber assisted with air release	Pneumatically controlled spring chamber acting on both rear wheels, spring chamber assisted with air release	Pneumatically controlled spring chamber acting on both rear wheels, spring chamber assisted with air release	
	Earl sweep brake area	98 square inches	98 square inches	178 square inches	128 square inches	
Tires and Wheels	6-tires	10.00 x 22.5 12 PR	10.00 x 22.5 12 PR	11.00 x 22.5 14 PR	11.00 x 22.5 14 PR	
	Wheels	6.75 x 22.5	6.75 x 22.5	7.50 x 22.5	7.50 x 22.5	
	Spac wheel	Standard	Standard	Standard	Standard	
Suspension	Front	telescopic shock absorbers with semi-elliptical leafsprings	telescopic shock absorbers with semi-elliptical leafsprings	telescopic shock absorbers with semi-elliptical leafsprings and stabilizer bar	telescopic shock absorbers with semi-elliptical leafsprings and stabilizer bar	
	Spring capacity per spring (rating in load)	3,025 lbs.	3,025 lbs.	4,994 lbs.	4,994 lbs.	
	Rear	Semi-elliptical leafsprings with progressively acting auxiliary springs	Semi-elliptical leafsprings with progressively acting auxiliary springs	telescopic shock absorbers with semi-elliptical leafsprings and progressively acting auxiliary springs	telescopic shock absorbers with semi-elliptical leafsprings and progressively acting auxiliary springs	
	Spring capacity per spring (rating in load)	7,367 lbs.	7,367 lbs.	11,281 lbs.	12,941 lbs.	
Capacities	Fuel tank	53 gallons	53 gallons	53 gallons	53 gallons	
Weights (WB 1907)	Curb weight					
	Front axle	5,271 lbs.	5,124 lbs.	5,797 lbs.	6,811 lbs.	
	Rear axle	3,299 lbs.	3,297 lbs.	4,011 lbs.	4,296 lbs.	
	Total approximately	8,570 lbs.	8,421 lbs.	9,804 lbs.	11,107 lbs.	
	Body and body allowance	16,470 lbs.	16,775 lbs.	20,176 lbs.	21,115 lbs.	
	Permissible front axle load	6,340 lbs.	6,340 lbs.	11,025 lbs.	11,025 lbs.	
	Permissible rear axle load	16,940 lbs.	16,880 lbs.	20,920 lbs.	21,780 lbs.	
Turning Circle	Depending on wheelbase	41'-54"	41'-54"	41'-54"	41'-54"	
				12 speed rear axle		

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