

	PRICE	
	Mercedes-Benz 300TD	Mercedes-Benz 300TDT
	1987	
List price, West Coast	\$42,900	\$31,700
East and Gulf Coast	\$42,500	\$31,373
Price as tested	\$43,275	\$32,455
Price as tested includes std equip. (auto temp control, AM/FM stereo/cassette, elect. adj. seats with memory, elect. window lifts, SRS, ABS, ride leveling, elect. sunroof, rt side elect. adj. mirror, cruise control, elect. adj. strg column, anti-theft alarm and radio, central locking), partition net and cargo cover, \$375; warranty: 48 mo/50,000 mi		

CALCULATED DATA

Lb/hp (test weight)	27.1	33.7
Bhp/liter	47.7	40.0
Engine revs @ 60 mph (top gear)	2400	2650
R&T steering index	1.10	1.18
Brake swept area, sq in./ton	224	226

ROAD TEST RESULTS

ACCELERATION

	1987	1981
Time to distance, sec:		
0-100 ft	3.4	3.7
0-500 ft	9.3	10.1
0-1320 ft (1/4 mi)	17.5	19.0
Speed at end of 1/4 mi, mph	77.0	71.5
Time to speed, sec:		
0-30 mph	3.0	3.8
0-50 mph	7.2	9.3
0-60 mph	10.3	13.2
0-70 mph	14.1	18.1
0-80 mph	19.0	26.4

SPEEDS IN GEARS

Maximum rpm	6000	4500
4th gear (rpm)		
mph - est (4500)	115	(4500) 102
3rd	84	73
2nd	51	43
1st	32	28

FUEL ECONOMY

Normal driving, mpg	22.0	25.0
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	GENERAL	
Curb weight, lb	3715	3805
Test weight	3870	4040
Weight dist (with driver), lb, %		52/48
Wheelbase, in	110.2	110.0
Track, fr	58.9/58.6	58.6/57.2
Length	188.2	190.9
Width	68.5	70.3
Height	59.8	57.9
Trunk space, cu ft	24.5 + 11.0	29.6 + 16.3
Fuel capacity, U.S. gal	19.0	18.5

DRIVETRAIN

Transmission	automatic; torque converter with 4-sp planetary gearbox	
Gear ratios: 4th	(1.00) 2.65:1	(1.00) 3.07:1
3rd	(1.44) 3.82:1	(1.44) 4.42:1
2nd	(2.41) 6.39:1	(2.41) 7.40:1
1st	(3.68) 9.75:1	(3.68) 11.30:1
1st	(3.68 x 1.90) 18.53:1	(3.68 x 1.90) 21.47:1
Final drive ratio	2.65:1	3.07:1

	ENGINE	
Type	turbo sohc inline-6	turbo sohc inline-5
Bore x stroke, mm	87.0 x 84.0	90.9 x 92.4
Displacement, cc	2996	2998
Compression ratio	22.0:1	21.5:1
Bhp @ rpm, SAE net	143 @ 4600	120 @ 4350
Torque @ rpm, lb-ft	195 @ 2400	170 @ 2400
Fuel injection	Bosch mechanical	

CHASSIS & BODY

Layout	front engine/rear drive	
Brake system, fr. (1987)	11.2-in. vented discs/10.9-in. discs, vacuum assisted, ABS; (1981) 10.9-in. discs/11.0-in. discs, vacuum assisted	
Wheels	alloy, 15 x 6 1/2	steel, 14 x 6 1/2
Tires	Continental Super Contact	Pirelli P3
	195/65R-15	195/70SR-14
Steering type	recirculating ball, power assisted	
Suspension, fr. (1987)	MacPherson struts, lower A-arms, coil springs, tube shocks, anti-roll bar/5-link, coil springs, tube shocks, anti-roll bar	

BRAKES

Minimum stopping distances, ft:		
From 60 mph	149	156
From 80 mph	258	286
Control in stop	excellent...very good	
Pedal effort for 0.5g stop, lb		
	na	20
Fade: percent increase in pedal effort to maintain 0.5g deceleration in 6 stops from 60 mph		
	na	8
Overall rating	excellent...very good	

HANDLING

Lateral acceleration, 100-ft radius, g		
	0.76	0.68
Speed thru 700-ft slalom, mph		
	58.6	55.8

INTERIOR NOISE

Idle in neutral, dBA	47	55
Maximum, 1st gear	71	79
Constant 70 mph	69	76

ACCELERATION

