TIRE INFLATION PRESSURES

2004
LIGHT DUTY TRUCKS

81-316-0403

DaimlerChrysler Corporation

TIRE INFLATION PRESSURES

Proper tire inflation is essential to the safe and satisfactory operation of your vehicle. These pressures should be checked and adjusted at least once every month. Tire pressures should be checked more often when weather temperatures vary widely because tire pressures vary with outdoor temperatures.

Tire inflation pressures may increase from 2 to 6 pounds per square inch (PSI) during operation. Do NOT reduce this normal pressure build-up.

Inflation pressures shown in the following charts are cold inflation pressures. COLD INFLATION PRESSURE CAN BE MEASURED AFTER THE VEHICLE HAS BEEN STATIONARY FOR AT LEAST 3 HOURS OR DRIVEN LESS THAN ONE MILE AFTER BEING INOPERATIVE FOR 3 HOURS.

The minimum tire size and rim size available for your vehicle is listed on the safety certification label. The cold inflation pressure for these tires at full load operation is also listed.

The tire inflation pressure charts in these pages also show inflation pressures for Light Load conditions. These reduced inflation pressures are intended to improve ride and tire wear on vehicles which are commonly operated at or below the Light Load defined in the charts.

Always increase inflation pressures to the Full Load pressures before operating the vehicle at loads greater than the Light Load conditions.

Optionally available tire sizes use the Light Load and Full Load inflation pressures specified in the charts for the appropriate tire size.

For special operating conditions . . . such as campers or other high center of gravity loading vehicles . . . cold inflation pressures may be increased up to 10 PSI (69 kPa) with truck type tires.

HIGH SPEED PRESSURES — PASSENGER CAR TYPE TIRES

Tire pressure adjustments are not necessary for operation up to 75 mph (120 km/h). While driving over the established speed limit is not advised or encouraged, those vehicles permitted to travel at high speed over 75 mph (120 km/h) must have the following adjustments:

For continuous high speed operation over 75 mph (120 km/h) increase tire inflation pressure 4 pounds per square inch over the recommended pressure, but not over the maximum values molded into the tire side wall.

Continuous speeds above 75 mph (120 km/h) are not recommended at vehicle loading conditions above that shown for "Light Load" in the chart.

HIGH SPEED PRESSURES — TRUCK TYPE TIRES

For sustained driving over 65 mph (100 km/h) with truck type tires, cold inflation pressures must be increased 10 psi (69 kPa) above those specified in the charts for the load being carried.

Continuous speeds above 75 mph (120 km/h) are not recommended at vehicle loading conditions above that shown for "Light Load" in the chart.

Truck type tires are not recommended for use at speeds over 85 mph (135 km/h).

If increased inflation pressures are used for both high speed operation and special operating conditions, the total increase must not exceed the maximum load inflation pressure, molded into the tire sidewall, by more than 10 psi (69 kPa).

GROSS VEHICLE WEIGHT RATINGS

The "GVWR" of your vehicle as manufactured is shown on the Safety Certification Label located on the driver's door pillar. The GVWR is the total permissible weight of your vehicle, including driver, passengers, vehicle body and load. The Safety Certification Label also specifies the Gross Axle Weight Ratings (GAWR) of your vehicle. The GAWR is the total permissible weight of the front and rear axle systems.

LOADING

The actual overall weight, and the weight of the front and rear of your vehicle at the ground, can best be determined by weighing it when it is loaded and ready for operation. It should first be weighed on a commercial scale to insure that the GVWR has not been exceeded. The weight on the front and rear of the vehicle should then be determined separately to be sure that the load is properly distributed over front and rear axles.

RADIAL TYPE TRUCK TIRES

All Dodge trucks and full size vans, built for the U.S. Domestic Market, are equipped with Radial tires.

The charts printed on the back of this sheet are reference charts compiled from the Tire and Rim Association Yearbook. These charts show the tire capacities at various cold inflation pressures.

The load at maximum inflation pressure, stamped on the tire sidewall of passenger-type tires, will differ from the load shown in the chart. This is in accordance with Tire and Rim Association standards requiring a reduced loading factor of approximately 91% for passenger-type tires used on trucks and multi-purpose passenger vehicles.

The Gross Vehicle Weight and the Gross Axle Weight Ratings for your vehicle must not be exceeded.

Tire Inflation Pressures

The following charts show the recommended cold inflation pressures at light and full load operation.

(1) Light Load — includes up to 2 passengers plus 200 pounds (90 kg) cargo.
(2) Full Load — includes up to full GVW load. Front and rear GAWR must not be exceeded.

RAM 1500 MODELS - 2 WHEEL DRIVE

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD				FULL LOAD			
			FRONT TIRES		REAR TIRES		FRONT TIRES		REAR TIRES	
			PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
6350/6650 GVW										
P245/70R17	SL	17 x 7	35	240	35	240	35	240	35	240
P245/70R17	SL	17 x 8	35	240	35	240	35	240	35	240
P265/70R17	SL	17 x 7	35	240	35	240	35	240	35	240
P265/70R17	SL	17 x 8	35	240	35	240	35	240	35	240
P275/55R20	SL	20 x 9	35	240	35	240	35	240	35	240
6550 GVW										
P245/70R17	SL	17 x 7	35	240	35	240	35	240	35	240
P245/70R17	SL	17 x 8	35	240	35	240	35	240	35	240
P265/70R17	SL	17 x 7	35	240	35	240	35	240	35	240
P265/70R17	SL	17 x 8	35	240	35	240	35	240	35	240

RAM 1500 MODELS - 4 WHEEL DRIVE

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD				FULL LOAD			
			FRONT TIRES		REAR TIRES		FRONT TIRES		REAR TIRES	
			PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
6350/6650 GVW										
P245/70R17	SL	17 x 7	35	240	35	240	35	240	35	240
P245/70R17	SL	17 x 8	35	240	35	240	35	240	35	240
P265/70R17	SL	17 x 7	35	240	35	240	35	240	35	240
P265/70R17	SL	17 x 8	35	240	35	240	35	240	35	240
LT275/70R17	C	17 x 8	35	240	35	240	35	240	35	240
P275/60R20	SL	20 x 9	35	240	35	240	35	240	35	240
6550/6800 GVW										
P245/70R17	SL	17 x 7	35	240	35	240	35	240	35	240
P245/70R17	SL	17 x 8	35	240	35	240	35	240	35	240
P265/70R17	SL	17 x 7	35	240	35	240	35	240	35	240
P265/70R17	SL	17 x 8	35	240	35	240	35	240	35	240
LT275/70R17	C	17 x 8	35	240	35	240	35	240	35	240

RAM 2500 MODELS — 2 WHEEL DRIVE

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD FRONT TIRES PSI	LIGHT LOAD FRONT TIRES kPa	LIGHT LOAD REAR TIRES PSI	LIGHT LOAD REAR TIRES kPa	FULL LOAD FRONT TIRES PSI	FULL LOAD FRONT TIRES kPa	FULL LOAD REAR TIRES PSI	FULL LOAD REAR TIRES kPa
8650, 8800, 9000 GVW										
LT245/70R17	E	17 x 7.5								
with V8 engine			40	280	40	280	50	350	80	550
with diesel engine			50	350	40	280	55	380	80	550
LT265/70R17	E	17 x 8								
with V8 engine			40[1]	280	40	280	50	350	70	485

[1] ADD 5 PSI WITH DIESEL.

RAM 2500 MODELS — 4 WHEEL DRIVE

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD FRONT TIRES PSI	LIGHT LOAD FRONT TIRES kPa	LIGHT LOAD REAR TIRES PSI	LIGHT LOAD REAR TIRES kPa	FULL LOAD FRONT TIRES PSI	FULL LOAD FRONT TIRES kPa	FULL LOAD REAR TIRES PSI	FULL LOAD REAR TIRES kPa
8650, 8800, 9000 GVW										
LT245/70R17	E	17 x 7.5								
with V8 engine			45[2]	310	40[1]	280	65	450	80	550
with diesel engine			60[3]	410	40[1]	280	65[1]	450	80	550
LT265/70R17	E	17 x 8								
with V8 engine			40[2]	280	40[1]	280	60	410	70	485
with diesel engine			50[3]	350	40[1]	280	60	410	70	485

[1] ADD 5 PSI WITH SNOW PLOW PACKAGE & BLADE
[2] ADD 20 PSI WITH SNOW PLOW PACKAGE & BLADE
[3] ADD 10 PSI WITH SNOW PLOW PACKAGE & BLADE

RAM 3500 (SRW) MODELS — 2 WHEEL DRIVE

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD FRONT TIRES PSI	LIGHT LOAD FRONT TIRES kPa	LIGHT LOAD REAR TIRES PSI	LIGHT LOAD REAR TIRES kPa	FULL LOAD FRONT TIRES PSI	FULL LOAD FRONT TIRES kPa	FULL LOAD REAR TIRES PSI	FULL LOAD REAR TIRES kPa
9900 GVW										
LT265/70R17 with diesel engine	E	17 x 7.5 17 x 8	45	310	40	280	50	350	75	520

SINGLE REAR WHEEL (SRW)

RAM 3500 (SRW) MODELS — 4 WHEEL DRIVE

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD FRONT TIRES PSI	LIGHT LOAD FRONT TIRES kPa	LIGHT LOAD REAR TIRES PSI	LIGHT LOAD REAR TIRES kPa	FULL LOAD FRONT TIRES PSI	FULL LOAD FRONT TIRES kPa	FULL LOAD REAR TIRES PSI	FULL LOAD REAR TIRES kPa
9900 GVW										
LT265/70R17 with diesel engine	E	17 x 7.5 17 x 8	50[1]	350	40[2]	280	60	410	75	520

SINGLE REAR WHEEL (SRW)

[1] ADD 10 PSI WITH SNOW PLOW PACKAGE AND BLADE
[2] ADD 5 PSI WITH SNOW PLOW PACKAGE AND BLADE

RAM 3500 DUAL WHEEL MODELS — 2 WHEEL DRIVE

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD FRONT TIRES PSI	LIGHT LOAD FRONT TIRES kPa	LIGHT LOAD REAR TIRES PSI	LIGHT LOAD REAR TIRES kPa	FULL LOAD FRONT TIRES PSI	FULL LOAD FRONT TIRES kPa	FULL LOAD REAR TIRES PSI	FULL LOAD REAR TIRES kPa
11000, 11500 12000 GVW										
LT235/80R17	E	17 x 6								
with V8 Engine			40	280	40	280	45	310	65	450
with diesel engine			50	350	40	280	60	410	65	450

RAM 3500 DUAL WHEEL MODELS — 4 WHEEL DRIVE

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD				FULL LOAD			
			FRONT TIRES		REAR TIRES		FRONT TIRES		REAR TIRES	
			PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
11500, 12500 GVW										
LT235/80R17	E	17 x 6								
with V8 Engine			45[1]	310	40[2]	280	65	450	65	450
with diesel engine			55[3]	380	40	280	65	450	65	450

[1] ADD 20 PSI WITH SNOW PLOW PACKAGE AND BLADE
[2] ADD 5 PSI WITH SNOW PLOW PACKAGE AND BLADE
[3] ADD 10 PSI WITH SNOW PLOW PACKAGE & BLADE

DAKOTA — 2 WHEEL DRIVE MODELS

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD				FULL LOAD			
			FRONT		REAR		FRONT		REAR	
			PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
P245/70R16	SL	16 x 7	35	240	35	240	35	240	35	240
P245/70R16	SL	16 x 8	35	240	35	240	35	240	35	240
P255/65R16	SL	16 x 8	30	206	30	206	30	206	35	240

DAKOTA — 4 WHEEL DRIVE MODELS

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD				FULL LOAD			
			FRONT		REAR		FRONT		REAR	
			PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
P245/70R16	SL	16 x 7	35	240	35	240	35	240	35	240
P245/70R16	SL	16 x 8	35	240	35	240	35	240	35	240
P265/70R16	SL	16 x 8	30	206	30	206	30	206	35	240

DURANGO — 2 WHEEL DRIVE MODELS

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD				FULL LOAD			
			FRONT		REAR		FRONT		REAR	
			PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
P245/70R17	SL	17 x 7	33	228	33	228	33	228	33	228
P245/70R17	SL	17 x 8	33	228	33	228	33	228	33	228
P275/60R17	SL	17 x 8	33	228	33	228	33	228	33	228

DURANGO — 4 WHEEL DRIVE MODELS

TIRE SIZE	LOAD RANGE	WHEEL SIZE	LIGHT LOAD				FULL LOAD			
			FRONT		REAR		FRONT		REAR	
			PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
P245/70R17	SL	17 x 7	33	228	33	228	33	228	33	228
P245/70R17	SL	17 x 8	33	228	33	228	33	228	33	228
P265/65R17	SL	17 x 8	33	228	33	228	33	228	33	228
P275/60R17	SL	17 x 8	33	228	33	228	33	228	33	228

TIRE LOAD CAPACITIES

PASSENGER CAR TYPE TIRES — USED ON TRUCK APPLICATIONS

TIRE SIZE	PER PAIR MAX. CAP. (LBS.)	PER PAIR MAX. CAP. (KG)	MAX. TIRE LOAD CAPACITY AT VARIOUS COLD INFLATION PRESSURES — PSI & kPa (PER PAIR)											
			PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
			26	180	29	200	32	220	35	240	38	260	41	280
P215/75R15	3167	1436	2745	1245	2885	1309	3025	1372	3167	1436	—	—	—	—
P225/75R15 XL	3687	1672	2965	1345	3127	1418	3267	1481	3407	1545	3547	1609	3687	1672
P245/70R16	3807	1727	3347	1518	3527	1600	3687	1672	3807	1727	—	—	—	—
P245/75R16	4542	2060	3924	1780	4144	1880	4344	1970	4542	2060	—	—	—	—
P265/70R16	4369	1981	3827	1736	4029	1827	4229	1918	4369	1981	—	—	—	—
P255/65R16	3807	1727	3327	1509	3507	1590	3687	1672	3807	1727	—	—	—	—
P245/70R17	4009	1818	3487	1581	3667	1663	3847	1745	4009	1818	—	—	—	—
P265/70R17	4609	2090	3989	1809	4209	1909	4409	2000	4609	2090	—	—	—	—
P275/55R20	4369	1981	3807	1727	4029	1827	4209	1909	4369	1981	—	—	—	—
P275/60R20	4729	2145	4109	1863	4329	1963	4549	2063	4729	2145	—	—	—	—
P255/55R17	3407	1545	2985	1354	3147	1427	3307	1500	3407	1545	—	—	—	—
P265/65R17	4248	1927	3707	1681	3907	1772	4109	1863	4248	1927	—	—	—	—
P275/60R17	4248	1927	3707	1681	3907	1772	4109	1863	4248	1927	—	—	—	—

TRUCK TYPE TIRE / TIRES — USED AS SINGLES

Add 10 PSI over 65MPH

TIRE SIZE	LOAD RANGE	MAX. CAP. (LBS.)	MAX. CAP. (KG)	MAX. TIRE LOAD CAPACITY AT VARIOUS INFLATION PRESSURES — PSI & KPA																			
				PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
				30	207	35	240	40	276	45	310	50	345	55	379	60	415	65	448	70	483	75	517	80	551
LT225/75R16	D	2335	1059	—	—	1500	680	1650	748	1790	811	1940	879	2060	934	2190	993	2335	1059	—	—	—	—	—	—
LT225/75R16	E	2680	1215	—	—	1500	680	1650	748	1790	811	1940	879	2060	934	2190	993	2335	1059	2440	1106	2560	1161	2680	1215
LT245/70R17	E	3000	1361	—	—	1690	766	1855	841	2010	912	2205	1001	2315	1050	2460	1116	2600	1179	2740	1242	2875	1304	3000	1361
LT265/70R17	E	3195	1449	—	—	1890	856	2075	941	2255	1022	2470	1120	2595	1177	2760	1252	2910	1320	3005	1363	3100	1406	3195	1448
LT275/70R17	C	2600	1179	—	—	2000	912	2195	995	2380	1079	2600	1179	—	—	—	—	—	—	—	—	—	—	—	—
LT245/75R16	E	3042	1374	—	—	1700	771	1865	846	2030	921	2205	1000	2335	1059	2480	1125	2623	1190	2765	1254	2900	1315	3042	1380

TRUCK TYPE TIRES — TIRES USED AS DUALS (REAR AXLE)

TIRE SIZE	LOAD RANGE	MAX. CAP. (LBS.)	MAX. CAP. (KG)	MAX. TIRE LOAD CAPACITY AT VARIOUS COLD INFLATION PRESSURES — PSI & KPA																			
				PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa	PSI	kPa
				30	207	35	240	40	276	45	310	50	345	55	379	60	415	65	448	70	483	75	517	80	551
LT235/80R17	E	3085	1400																				
		Single				1725	782	1895	860	2055	932	2270	1030	2405	1094	2545	1554	2680	1215	2815	1277	2950	1338	3085	1400
		Dual				1570	712	1725	782	1870	848	2040	925	2190	993	2315	1050	2470	1120	2560	1161	2685	1218	2835	1285