

## Tire Reserve Load

This chart lists the tire size designations recommended by Volvo for use on 1972 models with the recommended inflation pressure for maximum loading and the tire reserve load percentage for each of the tires listed. The tire reserve load percentage indicated is met or exceeded by each vehicle to which the chart applies.

Model	Manufacturer's Recommended Tire Size	Recommended Cold Inflation Pressure psi		Tire Reserve Load (%)
		Front	Rear	
142, 142 E	165 R 15	27	32	4.8
144, 144 E	165 R 15	27	32	4.8
145, 145 E	6.85 — 15	23	38	4.4
164, 164 E	165 R 15	29	34	5.8
1800 E, 1800 ES	185/70 R 15	25	27	22.9

The difference, expressed as a percentage of tire load rating, between (a) the load rating of a tire at the vehicle manufacturer's recommended weight and (b) the load imposed upon the tire by the vehicle at that condition.

**WARNING.** Failure to maintain the recommended tire inflation pressure or to increase tire pressure as recommended when operating at maximum loaded vehicle weight, or loading the vehicle beyond the capacities specified on the tire placard affixed to the vehicle, may result in unsafe operating conditions due to premature tire failure, unfavorable handling characteristics, and excessive tire wear. The tire reserve load percentage is a measure of tire capacity not of vehicle capacity. Loading beyond the specified vehicle capacity may result in failure of other vehicle components.

## Consumer Performance Information

# 1972 VOLVOS

The information about the 1972 Volvos shown in this folder is presented in accordance with Federal requirements for comparison with other makes and models. The exacting test procedures established by the National Highway Safety Bureau were followed to obtain the figures.

# Vehicle Stopping Distance

This chart indicates braking performance that can be met or exceeded by 1972 Volvo models without locking the wheels, under different conditions of loading and with partial failures of the braking system. The information presented represents results obtainable by skilled drivers under controlled road and vehicle conditions, and the information may not be correct under other conditions.

MODEL SERIES	142	144	145	164	1800E
Fully operational service brake					
Light load	161	161	164	154	150
Maximum load	185	185	199	169	170
Emergency service brakes (with partial service brake system failure)	271	271	288	238	229
Brake power unit failure Maximum Load	226	226	239	257	219

Stopping distance in feet from 60 mph

# Acceleration and Passing Ability

This chart indicates passing times and distances that can be met or exceeded by 1972 Volvo models in the situations diagrammed below.

The low-speed pass assumes an initial speed of 20 mph and a limiting speed of 35 mph. The high-speed pass assumes an initial speed of 50 mph and a limiting speed of 80 mph.

Notice: The information presented represents results obtainable by skilled drivers under controlled road and vehicle conditions and the information may not be correct under other conditions.

Model, Description of Vehicle	Low speed (20—35 mph)		High speed (50—80 mph)	
	Feet	Seconds	Feet	Seconds
142/144, Std. Transmission	394	8.3	1280	13.8
142/144, Automatic	400	8.6	1316	14.3
142/144 E, Std. Transmission	394	8.3	1230	13.0
142/144 E, Automatic	400	8.6	1280	13.8
145, Std. Transmission	397	8.4	1345	14.6
145, Automatic	413	8.9	1391	15.3
145 E, Std. Transmission	397	8.4	1266	13.6
145 E, Automatic	410	8.8	1352	14.6
164, Std. Transmission	384	7.9	1164	12.2
164, Automatic	410	8.8	1230	13.0
164 E, Std. Trans., Overdrive	384	7.9	1099	11.2
164 E, Automatic	397	8.4	1155	12.1
1800 E, ES, Std. Trans., Overdrive	387	8.1	1131	11.8
1800 E, ES, Automatic	394	8.3	1180	12.4

