



Tire Pressures

From Ps Magazine 32 Pg. 29:

**It takes no trapeze artist's tricks to go—**

## FLOATING ON AIR

Maybe you're no aviator. The fact is, you wheeled vehicle pilots do your jockeying aboard the same platform—air. And that's no hot-air either.


It takes just the right amount of air in your tires for you to float with the greatest of ease. With too much or too little, your vehicle, the tire casing, the vehicle's load, and you are going to get bounced, joggled and jagged. None of you will last long.

Here's the latest info on the right amount of air, based on the heaviest loaded tire (when loaded with highway and cross country loads):

Vehicle and Tire	Highway or Hard-surfaced roads	Cross-Country	Mud, snow, sand	
			1	2
1/4-ton truck 7.00/16 tire	25 psi	25 psi	10 psi	
3/4-ton truck 9.00/16 tire	40 psi	40 psi	15 psi	
2-1/2-ton truck 11.00/20 tire (single)	70 psi	35 psi	15 psi	
2-1/2-ton truck 9.00/20 tire (dual)	45 psi	45 psi	15 psi	
5-ton truck 14.00/20 tire (single)	45 psi	45 psi	15 psi	
5-ton truck 11.00/20 tire (dual)	70 psi	70 psi	35 psi	


### WHEN OPERATING AT LOW PRESSURE:

**1** Be especially careful in mud and snow, Rock, junk, frozen earth and ice can pinch and cut your tires against the rims.

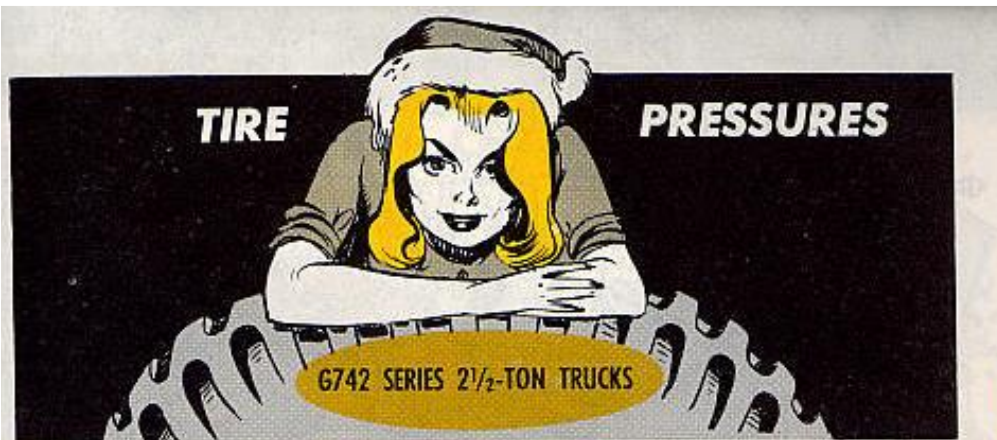


**2** If you hit extremely loose, dry, level sand or dune sand, you may have to go as low as—

- 6 psi on the 1/4-ton.
- 10 psi on the 3/4-ton, 2-1/2-ton singles, and 5-ton singles.
- 10 psi for the rear and 15 psi for the front on the 2-1/2-ton duals and 5-ton duals.



Also:



All you jockeys for G742-series 2½-ton trucks (and that includes the M35A1 now, too) will get the latest dope on tire pressure in TM 9-2320-209-10 (Feb 65).

Table 9, page 37, gives the rundown for both gasoline and multifuel engine jobs—with 11:00 x 20 size tires (used on trucks with singles) and 9:00 x 20 size tires (used on trucks with duals). This inflation data is for trucks either with or without a front winch.

This new TM supersedes TM 9-2320-235-10 (Dec 61) for the M35A1 and also the operator's portion of TM 9-8022 (Dec 54) for the other trucks in the G742-series. So take note that the highway tire pressure for multifuel, dual-wheel jobs has been upped to 50-PSI. And it's been cut to 25-PSI for cross country for gasoline, dual-wheeled trucks.

CONDITIONS	GASOLINE		MULTIFUEL	
	1100x20	900x20	1100x20	900x20
Highway (psi)	70	45	70	50
Cross-country (psi)	35	25	35	35
Mud, snow, and sand (psi)	15	15	15	15



Here's the latest tire pressures for all 1½-ton two-wheeled trailers covered by TM 9-2330-213-14 (Jan 64). This takes in everything that's mounted on the M103-series chassis and the M104, M105, M106 and M107-series trailers, plus the M448.

How much air each model gets depends on the size of its tires.

Here're the pressures you want to maintain to be just right:

CONDITIONS	TRAILER TIRE SIZE	
	900x20	1100x20
Highway (psi)	45	50
Cross-country (psi)	35	35
Mud, snow and sand (psi)	20	25