

GTA 43-01-016

HMMWV ARMOR KIT TIRE PRESSURE

This abbreviated checklist is not to be used as a replacement for the -10 series Tech Manuals or any other PMCS guide.

1. Field of view is restricted by the installation of the armor kit. Adjust outside rear view mirrors for maximum rearward visibility.
2. The co-driver should assist the driver with observations to the right of the vehicle during all operations.
3. Use caution when traversing through intersections.
4. Always use a ground guide when backing the vehicle.
5. After application of the armor kit, tire pressure should be adjusted in accordance with Table 1 and Table 2.
6. If a tire or tires are constantly losing air pressure, determine the cause of pressure loss and correct the problem or replace the tire and wheel assembly.
7. Added weight of the armor kit results in reduced steering response.
8. Added weight of the armor kit results in a slight reduction of ground clearance and also the approach angle.
9. Be alert to excessive vibration, play, looseness, or noise from the front suspension.
10. Inspect daily ball joint mounting hardware, wheel lug and rim half mounting, and armor plate mounting hardware. Any deficiency, e.g., cracked paint on ball joint bolts, polished surface, rust or minor cracks around bolt/wheel mating surface should be reported to maintenance immediately.
11. Use caution when entering or exiting vehicle not to catch clothing or leg on lower door support.
12. Be alert to possible heat stress injury during prolonged periods of operation in high ambient heat as a result of reduced ventilation.

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Table 1. Tire Pressure (Radial Tire) (Load Range D Tire)

Vehicle	Front		Rear	
	Standard psi	Metric kPa	Standard psi	Metric kPa
Unloaded*				
M1113, M1151, M1152, M1165	20	138	20	138
M1114, M1151A1, M1151A1 W/B1, M1152A1, M1152A1 W/B2, M1165A1, M1165A1 W/B3, M1167	35	241	45	310
At GVW				
M1113, M1151, M1152, M1165	30	207	40	138
M1114, M1151A1, M1151A1 W/B, M1152A1, M1152A1 W/B2, M1165A1, M1165A1 W/B3, M1167	40	276	50	345
Mud, Sand, and Snow (30 mph [48 km] max. speed)	20	138	30	207

*Driver plus one passenger

Table 2. Tire Pressure (Radial Tire) (Load Range E Tire)

Vehicle	Front		Rear	
	Standard psi	Metric kPa	Standard psi	Metric kPa
Unloaded*				
M1113, M1151, M1152, M1165	18	124	25	172
M1114, M1151A1, M1151A1 W/B1, M1152A1, M1152A1 W/B2, M1165A1, M1165A1 W/B3, M1167	35	241	45	310
At GVW				
M1113, M1151, M1152, M1165	30	207	45	310
M1114, M1151A1, M1151A1 W/B, M1152A1, M1152A1 W/B2, M1165A1, M1165A1 W/B3, M1167	40	138	50	345
Mud, Sand, and Snow (30 mph [48 km] max. speed)	20	138	30	207

*Driver plus one passenger

CAUTION

Vehicles w/FK5 + Load Range D Tires/Wheels = Tire Pressures of 50 psi front/50 psi rear.
 Vehicles w/FK7 + Load Range D Tires/Wheels = NEVER PERMITTED!!!
 Vehicles without FK's + Load Range D or Load Range E = 40 psi front/50 psi rear
 Vehicles w/FK5 or FK7 + Load Range E Wheels = Tire Pressures of 50 psi front/65 psi rear

*** Check Tire Pressures when Tires are Cold (have not been driven on for at least 3 hours) ***