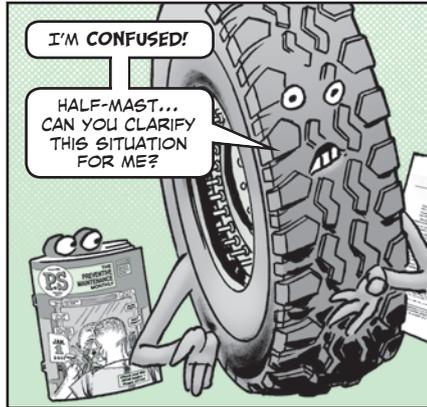
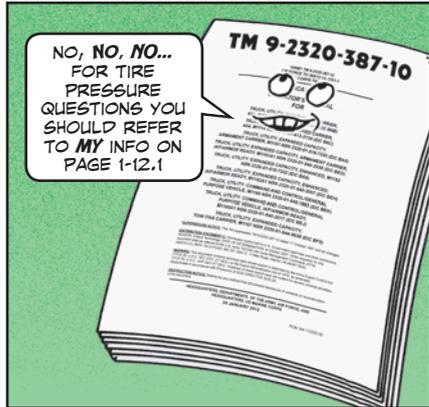
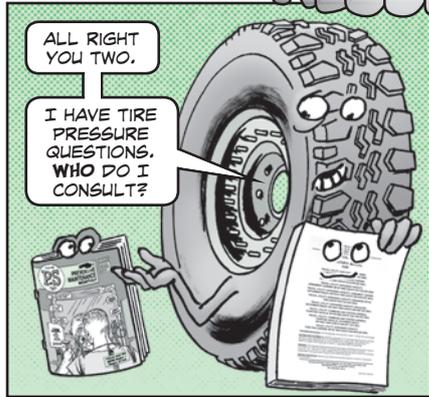


TIRE PRESSURE CORRECTIONS



Dear Half-Mast,
 Your article on pages 10-11 of PS 698 (Jan 11) lists tire pressures for load range D and load range E tires used on HMMWVs. You told us that this info is also found in change 6 of TM 9-2320-387-10 on Page 1-12.1. But I'm not so sure the TM and PS information match. Which is correct?

SSG P.S.I.

Dear Sergeant P.S.I.,
 Good eye! There was a little confusion surrounding the tire pressures because the TM presentation left room for different interpretations. But that's been fixed. The next update will clearly connect each HMMWV to the right tire pressure and will show the latest tire pressure information.

Note that the TM's tire pressure tables *don't* apply to HMMWVs with FRAG kits applied. Use the HMMWV rollover SMART card for limits on those vehicles. See the PS article at this link for more details:

<https://www.logsa.army.mil/psmag/archives/PS2010/686/686-10-12.pdf>



THIS IS WHAT THE HMMWV ROLLOVER SMART CARD LOOKS LIKE...

SMART CARD / GTA Frag Kit 5 / Frag Kit 6 / Frag Kit 7

WARNING
 At Gross Vehicle Weight (GVW) most steering action increases your likelihood of a Roll-over at speeds as low as 30 MPH for M114/M115A1/M1152A1/M1155A1/M1167 or PK5 / PK6 / PK7 GVW = 12,100 lbs.
 GVW is an Unlimited vehicle plus 4 crew with basic gear
 PK5 vehicle with payload exceeds GVW by at least 2000 lbs.
 PK6 & PK7 vehicle with payload exceeds GVW by at least 4000 lbs.
 PK5 & PK6 vehicle with payload exceeds GVW by at least 5000 lbs.
 Road conditions such as sand, debris, gravel or rain will further reduce stability.

CONTRIBUTING FACTORS TO ROLL-OVER
 *** Cargo placed high in vehicle *** Drivers Impaired/Lack of Training *** Overloading *** Degraded Road Conditions ***

ACTIONS TO REDUCE POTENTIAL ROLL-OVER
 *** Place and Secure Cargo as low as possible in the vehicle *** Conduct Driver's Training *** Stay Within Recommended Payloads *** Reduce Speed when Anticipating a Rapid Maneuver or when Road Conditions are Degraded ***

Vehicles w/ PK3 & Load Range D Tires/Wheels = Tire Pressure of 30 psi front / 30 psi rear
 Vehicles w/ PK3 or PK4 & Load Range D Tires/Wheels = NECESSITATED
 Vehicles without PK3 & Load Range D or Load Range E = 40 psi front / 50 psi rear
 Vehicles w/ PK5, PK6, or PK7 & Load Range E Wheels = Tire Pressure of 30 psi front / 40 psi rear
 *** Check Tire Pressures when Tires are Cold (have not been driven on for at least 3 hours) ***

Braking Distances vs Dry Pavement

Vehicle	Weight	30 mph	40 mph	50 mph
M114/M115A1/M1152A1/M1155A1/M1167	12,100 lbs	100	150	200
M1114/M1115A1/M1115A1 w/B1/M1152A1/M1152A1 w/B2/M1165A1/M1165A1 w/B3/M1167	14,000 lbs	120	180	240

WARNING: At 30 MPH on smooth dry pavement an overloaded M114/M115A1/M1152A1/M1155A1/M1167 has a braking distance up to 14 vehicle lengths, increased overload and/or road conditions such as sand, debris, gravel or rain will further increase stopping distances significantly.

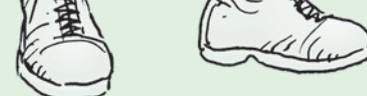
CAUTION: Commanders must assess risk when vehicles are overloaded, or cargo is placed high in the vehicle, or traveling at speeds in excess of 30 MPH.
 Rated GVW is 12,100 pounds.

M1114/M1151A1/M1152A1/M1165A1/M1167
 HMMWV
 ROLL-OVER PRECAUTION
 SMART CARD FK5/FK6/FK7

AND HERE ARE THE TIRE PRESSURE CORRECTIONS...

Load Range D and E Tire Pressures

HMMWV Model	Front standard psi	Rear standard psi
Unloaded (driver plus one passenger): M1113, M1151, M1152, M1165	20	25
M1114, M1151A1, M1151A1 w/B1, M1152A1, M1152A1 w/B2, M1165A1, M1165A1 w/B3, M1167	35	45
At gross vehicle weight (GVW): M1113, M1151, M1152, M1165	30	45
M1114, M1151A1, M1151A1 w/B1, M1152A1, M1152A1 w/B2, M1165A1, M1165A1 w/B3, M1167	40	50
Mud, sand and snow (30 mph max. speed)	20	30



Half-Mast