

GRS Guidance

IN 2009, THERE WAS BREAKING NEWS ABOUT GUNNER RESTRAINT SYSTEMS (GRS).

THAT NEWS CAME IN JANUARY IN THE FORM OF TACOM SOLIM 09-013 AND IN JULY THROUGH AN ARMY-WIDE GUNNER RESTRAINT SYSTEMS POLICY MESSAGE.

BOTH MESSAGES PROVIDED GUIDANCE FOR THE USE OF GRS IN THE REFERENCED TACTICAL VEHICLES.

HAVE YOU ALREADY READ TACOM SOLIM 09-013 OR THAT POLICY MESSAGE?

IF YOU HAVEN'T AND YOU'VE GOT VEHICLES WITH TURRETS FOR GUNNERS IN YOUR UNIT, KEEP READING.

THOSE MESSAGES SAID THE PROCEDURES FOR PROPERLY USING THE GRS WILL EVENTUALLY BE STANDARDIZED AND ADDED TO THE PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) AND OTHER RELATED SECTIONS IN TECHNICAL PUBLICATIONS.

THEY ALSO DESCRIBED WHAT GRS CONDITIONS RENDER A VEHICLE NON-MISSION CAPABLE (NMC).

HERE'S SOME HELPFUL INFO FOR YOU.



What's a GRS?

THE GRS IS PART OF AN OCCUPANT PROTECTION SYSTEM THAT INCLUDES A HARNESS, TAIL STRAP, A RIGIDLY MOUNTED RETRACTOR, AND POSSIBLY A TURRET SEAT ASSEMBLY.

IT'S A PERSONAL SAFETY RESTRAINT DEVICE, JUST LIKE SEAT BELTS, SEAT BELT RESTRAINT SYSTEMS, SAFETY STRAPS, AND ANY OTHER SAFETY DEVICE USED TO SECURE OR PROVIDE A SAFETY MECHANISM FOR SOLDIERS OPERATING OR RIDING IN A VEHICLE.



GRS PMCS

OPERATORS MUST PERFORM THE FOLLOWING BEFORE OPERATIONS GRS PMCS...

Check the harness, tail strap, mount retractor, buckles and clasp ends for security, damage and proper operation. If the harness or tail strap is missing, frayed, damaged, or doesn't fasten, adjust, retract or operate as designed, your tactical vehicle with the GRS is NMC.

Not using a working GRS could result in severe injury or death in a rollover accident.



Which GRS is Best?

THE ONLY APPROVED GRS DEVICES ARE THOSE CERTIFIED AND APPROVED BY TACOM.

MAKE SURE YOU USE THE CORRECT GRS FOR EACH SPECIFIC VEHICLE MODEL..

MIXING OR MODIFYING PERSONAL SAFETY RESTRAINT SYSTEM KITS OR COMPONENTS IS A SERIOUS SAFETY RISK.



THE KITS DESIGNED AND APPROVED FOR A PARTICULAR VEHICLE SHOULD BE USED ONLY FOR THAT VEHICLE.

THAT ALLOWS YOU TO USE THE CORRECT LOWER RETRACTOR AND MOUNTING BRACKETS ON THE CORRECT VEHICLE.



THE ONLY APPROVED GUNNER'S RESTRAINT HARNESS IS NSN 4240-01-542-8160, PN 900-L6-07301, CAGE CODE IEAW9.

KITS THAT CONTAIN THIS APPROVED GRS ARE...



- Basic HMMWV gunner restraint kit, NSN 2540-01-559-1734
- M1114 up-armored HMMWV, NSN 2540-01-542-7412
- M1151A1 up-armored HMMWV, NSN 2540-01-542-1130
- M1167 TOW up-armored HMMWV, no kit (Use gunner restraint harness, NSN 4240-01-542-8160, and the lower retractor, NSN 2540-01-573-9444)
- FMTV low signature armored cab (LSAC), NSN 2540-01-569-6578
- FMTV RADIAR armored crew kit (RACK), NSN 2540-01-569-8599 (Unarmored trucks can also use the RACK design)
- Cougar/JERRV (all models), NSN 2540-01-542-7412
- CAIMAN (all variants); the M-ATV; MaxxPro Ambulance, MaxxPro Cat I, MaxxPro Dash, MaxxPro MEAP and MaxxPro Plus; RG-31A0 (MKI, MKII, MKIII), RG-31A1 (MKV), RG-31A2 D04, RG-31A2 (MKVE), RG-31A2 RTR and the RG-33 MRAP (all models), NSN 2540-01-572-5699

AGAIN, EXCEPT FOR THE HARNESS, DO NOT MIX OR MODIFY COMPONENTS OF GRS KITS.

THAT'S NOT AUTHORIZED!



COMMERCIALY AVAILABLE GRS ARE NOT AUTHORIZED FOR USE IN THE ARMY VEHICLES, EITHER.

REMOVE UNAUTHORIZED GRS.

Deadline Guidelines

THE BREAKING NEWS WE TOLD YOU ABOUT SAID...



The absence of a TACOM-approved GRS in wheeled vehicles with turrets will subject that vehicle to an administrative deadline. Unit commanders can "circle X" the vehicle fault if the gunner's position is not manned when it is being used on its mission. If the gunner's position is manned, commanders or their representatives can make the decision to authorize dispatch of the vehicle based on urgency of mission requirements.

Reinforce Rollover Rehearsals

ENSURE SOLDIERS ARE TRAINED AND REHEARSED IN ROLLOVER DRILLS.

THE GRS PROVIDES MAXIMUM PROTECTION WHEN USED WITH PRESCRIBED ROLLOVER PROCEDURES.



SHHEW! I SURE AM GLAD WE WENT THROUGH ALL THOSE PRACTICES!!

REMEMBER, THE GRS ONLY PREVENTS THE GUNNER FROM EJECTING.

IT WON'T PULL THE GUNNER BACK INTO THE VEHICLE!



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