

TIPS FOR TRUCKS WITH AOA



FMTVs EQUIPPED WITH ADD-ON ARMOR (AOA) HANDLE AND OPERATE A WHOLE LOT DIFFERENTLY THAN REGULAR TRUCKS.

HERE ARE A FEW THINGS YOU SHOULD KEEP IN MIND..



Steering and Turning

- Greater force is needed to turn the steering wheel when the truck is not moving or moving slowly.
- At higher speeds, the truck will under-steer. That means the amount the vehicle turns will be less than what the steering wheel is turned.
- Reduce speed prior to negotiating turns to make steering safer.



Braking

- Allow for greater stopping distances. The extra weight from the AoA means it will take longer to stop the truck.
- Do not park the truck on a grade of more than 30 percent (16.625°). The parking brake may not hold. Unsure of the grade? Park somewhere else.
- The additional AoA weight affects operation of the engine exhaust brake. Be especially careful when driving on wet, slippery roads.
- Use caution when descending hills. There is very little weight on the rear axle.



General Operation

- Make sure a trailer is coupled to the M1088 tractor with AoA at all times.
- Do not operate your truck on inclines that exceed 40 percent (approximately 22°). You'll lose control.
- Be careful climbing into and out of the cab. The cab step is recessed inside the cab edge so it's easy to slip.
- Use a lifting device to load and unload the spare tire in the cargo bed. Keep the spare tire firmly secured.
- Make sure the cab is properly ventilated at all times. A damaged air conditioner hose could let R134 coolant leak into the cab area.
- The AoA kit covers up the cab marker lights. That reduces the truck's visibility, so be aware.



PMCS

- Inspect the entire AoA kit weekly for loose or missing bolts.
- Never over-tighten the AoA bolts. Refer to the torque tables in App F of TM 9-2320-366-20-1.
- Any extra weight beyond the AoA will impact steering and suspension components. Make sure you strictly follow all required PMCS requirements.



Transportation

- Do not air-drop.
- Do not sling-load.
- Do not transport on a C130 aircraft.