



Dear Half-Mast,

I need to know how to properly check the power steering on M1113 and M1114 up-armored HMMWVs. While sitting still in traffic, the steering wheel is hard to turn. Plus, they make noise when turned all the way left or right. But once we move forward, the steering wheel moves as smooth as silk.

I don't think there's a problem when the steering wheel doesn't easily move when sitting still. But some people disagree with me. Would you tell us the right way to check the power steering?

Mr. P.V.R.

TO PREVENT UNNECESSARY DOWN TIME, HERE'S TACOM'S SOLUTION UNTIL A FINAL PROCEDURE CAN BE DEVELOPED.

PENCIL THESE WORDS IN THE OPERATOR'S MANUAL PMCS TABLE AS PMCS ITEM 14.1 UNTIL THE FINAL PROCEDURE REVISION GETS PUBLISHED...



Dear Mr. P.V.R.,

Can do. TACOM LCMC will update TM 9-2320-387-10 to include the right procedure. But until that happens, you might want to go get this TM now so you can pencil in this change.

TACOM is working to fix problems with vehicles not being able to pass the static steering check procedure shown as Item 13 in the PMCS table in your -10 TM. This procedure calls for the steering wheel to be turned from left to right, but it doesn't require the steering wheel to be turned fully from stop to stop.

A HMMWV steering wheel that turns from left to right with normal or slightly more than normal effort as the vehicle sits stationary is usually good to go. But with the addition of armor protection kits and the resulting overloaded axles, your M1113 and M1114 HMMWVs don't pass the static steering check most of the time.

Armor kitted vehicles and vehicles outfitted with Fragmentation kits, Gunner Protection kits, Mine/IED detection devices etc., that do not pass PMCS item 13, Static Steering Check, prior to reporting the vehicle to maintenance, should first perform PMCS item 14. If the vehicle successfully meets the criteria for item 14a, then recheck the steering wheel operation in the following manner:

NOTE:

Position the vehicle to an area to allow sufficient room to operate for a short distance at 5 to 10 mph, in a zig zag manner, without obstruction or imposition from surrounding environment.

With vehicle at idle, transfer in H, and transmission in D, allow vehicle to move forward at not less than 5 and not more than 10 mph. As the vehicle moves forward turn steering wheel from right to left. Steering wheel should move freely.

Half-Mast