

Maintenance...

PMCS PROTECTS VEHICLE AND OPERATOR



“Okay,” you grumble. You’ve just been appointed the vehicle operator for your section’s HMMWV. You’ve never been a mechanic and now you’re supposed to pull PMCS, whatever that is. Where do you start?

What makes PMCS more than just a walk-around-the-vehicle-and-kick-the-tires chore?

You, your PMCS worksheet, and your vehicle’s technical manual guidelines for doing PMCS.

No one is more important to your vehicle working properly than you. Doing regular PMCS will prevent major breakdowns and possibly save lives, even your own.

DATE: 26-APR-93 EQUIPMENT MAINTENANCE AND INSPECTION WORKSHEET DA FORM 5988-E
 WK4WRC B CO, 783 INF BN

EQUIPMENT DATA

ADMIN NUM: 812 EQUIP SERIAL NUM: 950493
 EQUIP MODEL: M998 REGISTRATION NUM: N638NA
 EQUIP NOUN: TRK UTL CGO 1.2ST 4X4 TYPE INSPECTION: W
 EQUIP NSN: 2320011077155 CURRENT READING: M 018987

PUBLICATION: NUMBER DATE CHANGE NUMBER
 TM 9-2320-280-10 06/91 02
 TM 9-2320-280-10-HR 05/98 02

SIGNATURE: *[Signature]* TIME: SIGNATURE: *[Signature]* TIME:

PARTS REQUESTED

FAULT	DOC NUM	NIIN	QTY	STATUS	DATE	PRI	DLG
			DUE/REC	DATE	COMP		
0001	3116	0001	000785961	00002	----	0	13 N
0002	3116	0002	000000001	00001	----	0	13 N

ITEM NUM FAULT DATE FAULT STAT

0001 26-APR-93 /
 0002 26-APR-93 X
 0003 26-APR-93 X

Depending on your unit, you'll use either the DA Form 5988-E, *Equipment Maintenance and Inspection Worksheet*, or DA Form 2404, *Equipment Inspection and Maintenance Worksheet*

28 APR 93 JDW

The -10 Technical Manuals PMCS Charts

Operator
 By following the TM's PMCS guidelines, you can find minor maintenance items you can fix, like filling the radiator. These minor fixes don't need to be entered on the 5988-E/2404 if you correct them on the spot. If you defer minor fixes, they must be entered on the 5988-E/2404.

Table 2.2. Preventive Maintenance Checks and Services (Cont'd)

Item No.	Interval	Location	Crewmember Procedure	Not Fully Mission Capable If:
		Item to Check/Service		
7.1	Before	Power Steering Reservoir (Cont'd)	Check fluid in power steering reservoir. Fluid should be between "HOT" and "COLD" marks. Add fluid if level is below "COLD" mark.	
8	Before	Cooling System	<p>DRIVER</p> <p>WARNING</p> <p>If engine has been recently operated, do not remove radiator cap to check coolant level. Cooling system is under pressure, and escaping steam or coolant can cause burns.</p> <p>CAUTION</p> <p>Overheating, caused by lack of coolant, will cause engine damage.</p> <p>Check coolant level in coolant tank. Level should be at or</p>	

TM 9-2320-280-10

Table 2.2. Preventive Maintenance Checks and Services (Cont'd)

Item No.	Interval	Location	Crewmember Procedure	Not Fully Mission Capable If:
10	Before	Fire Extinguisher	<p>DRIVER</p> <p>a. Check for missing or damaged fire extinguisher. b. Check gauge for proper pressure of about 150 psi (1034 kPa). c. Check for damaged or missing seal.</p>	<p>a. Fire extinguisher missing or damaged. b. Pressure gauge needle in recharge area. c. Seal broken or missing.</p>

Unit Maintenance
 Your inspection can also find items that need service you aren't authorized to do. These items are entered on the 5988-E/2404. Conditions that make the equipment NOT FULLY MISSION CAPABLE should be immediately reported to your maintenance supervisor. These items also are entered on the 5988-E/2404.

