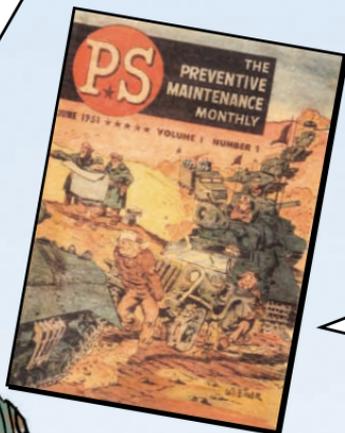


# 50 Years of PS

IT HAS BEEN 50 YEARS SINCE *PS* MAGAZINE WAS FIRST PUBLISHED. THERE HAVE BEEN LOTS OF *CHANGES* SINCE THEN. NEW EQUIPMENT HAS BEEN ADDED EVERY YEAR TO MAKE SURE YOUR ARMY HAS "*THE WORLD'S BEST EQUIPMENT.*"

BUT *ONE* THING HASN'T CHANGED. THAT'S THE DEDICATION OF *PS* TO KEEP "*THE WORLD'S BEST EQUIPMENT,*" UP AND RUNNING. *PREVENTIVE MAINTENANCE* IS AN OLD IDEA THAT *NEVER* AGES.



# 1951

THIS IS THE FIRST ISSUE OF *PS*. *WILL EISNER*, A RENOWNED CARTOONIST, USED CARTOONS TO SELL PREVENTIVE MAINTENANCE POINTS. THE SOLDIER'S LOVED IT—AND STILL DO!



IT WAS 1951, ONLY SIX YEARS AFTER *WORLD WAR TWO*, WHEN VETERANS OF THE '*BIG ONE*' AND NEW RECRUITS FOUND THEMSELVES ON THEIR WAY TO *KOREA*.



THE CLIMATE WAS *MISERABLE*—COLD AND *WET* FROM SNOW AND RAIN—EQUIPMENT TOOK A BEATING AND HAD TO BE MAINTAINED.

YEP, *PS* HELPED THEM IN KOREA TO GET THAT TANK ROLLING AGAIN.

WE HAVE A PROBLEM WITH THE M-46 JUNCTION BOX.

I READ ABOUT THAT IN A NEW MAGAZINE CALLED *PS*. IT SAYS THE PROBLEM IS...

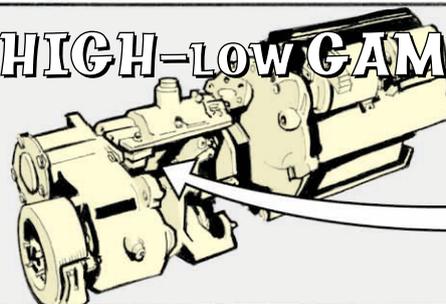
IN 1961, THE OLD JEEP WAS STILL OUR STANDARD FOR TRANSPORTATION...

# 1961



IT WAS A RUGGED WORKHORSE, BUT IT STILL NEEDED PM.

## HIGH-LOW GAME

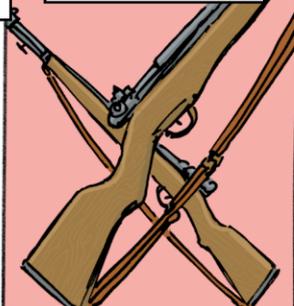
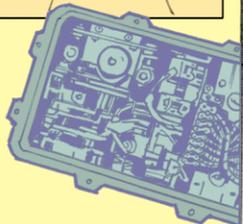


MAKE LEVEL CHECK ONLY AT TRANSMISSION FILLER PLUG



IT HELPED SHOW THEM HOW TO KEEP THEIR SOCKS DRY AND THEIR BOOTS OILED TO KEEP AWAY FROSTBITE.

IT HELPED TO MAINTAIN THEIR BEST FRIEND, THE M-1 RIFLE.



From *PS* #1, 1951

HAVE YOU DONE *PM* ON THAT RIFLE, SOLDIER?

YES, SIR. I USED MY *TM* AND THAT NEW MAGAZINE, *PS*, TO GET SOME *EXTRA* TIPS.

*PS* WAS A CHILD IN THE '50s AND WOULD GROW TO MATURITY IN THE TURBULENT '60s.



IN THE EARLY '60s, ALAN SHEPARD BECAME THE FIRST AMERICAN IN SPACE AND *PS* DEALT WITH PROBLEMS LIKE:

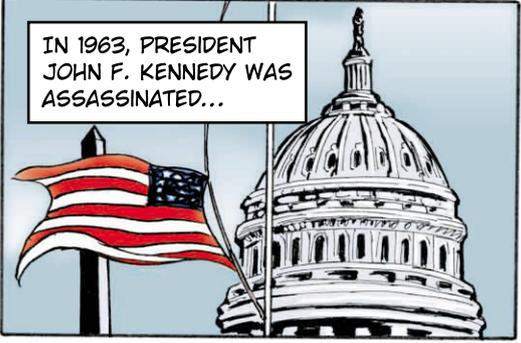
## LOOK BEFORE YOU INSTALL



## DUMP the RUST



THEN, IN 1962, JOHN GLENN WAS THE FIRST U.S. ASTRONAUT TO ORBIT THE EARTH... WILT CHAMBERLAIN SCORED 100 POINTS IN ONE BASKETBALL GAME."



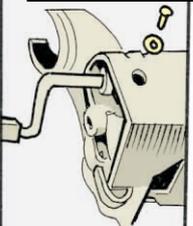
IN 1963, PRESIDENT JOHN F. KENNEDY WAS ASSASSINATED...

LYNDON JOHNSON BECAME PRESIDENT AND WON RE-ELECTION IN 1964. BY 1966, THINGS WERE GETTING HOT IN VIETNAM.



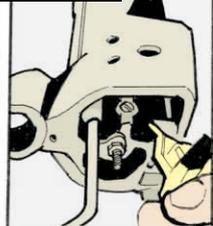
PS WAS THERE PUTTING OUT THE PM WORD ON THINGS LIKE GRENADE LAUNCHERS...

## CLEANING AND LUBING



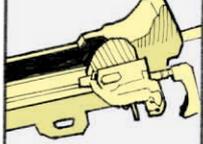
When field-stripping, remember, always remove the sear lever before you remove the trigger group

From PS #174, June 1967



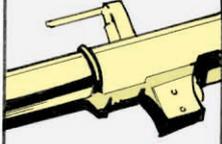
When assembling, remember, the sear lever must be assembled to the sear before you assemble the firing pin... AND... the sear must be installed before you install the trigger group.

ON INSIDE PARTS, USE:



BORE CLEANER (CR) FSN 6850-224-6656 (2 OZ CAN)

ON OUTSIDE PARTS USE:

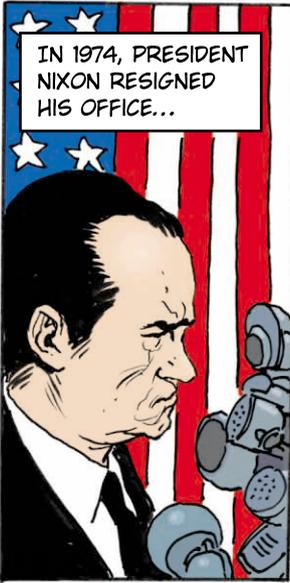


DRY CLEANING SOLVENT (SD) FSN 6850-281-1985 (1 GAL CAN)

TWO YEARS LATER, IN 1968, ROBERT KENNEDY AND MARTIN LUTHER KING, JR. WERE SLAIN.



THREE YEARS LATER PS WAS STILL THERE, NESTLED IN THE POCKETS OF FATIGUES, AND SHOWING THE WAY OF PM THAT WOULD PREVENT THE CORROSIVE FORCES OF HEAT AND HUMIDITY.



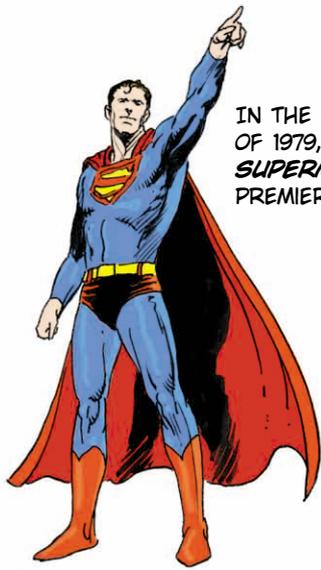
IN 1974, PRESIDENT NIXON RESIGNED HIS OFFICE...



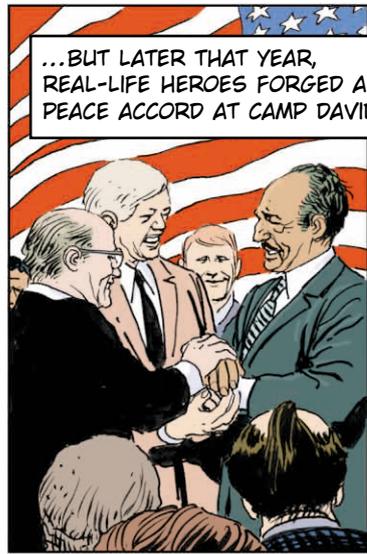
AND THE MOVIE JAWS TOOK A BIG BITE OUT OF AUDIENCES' WALLETS.

IN 1978, ALI DEFEATED SPINKS AND WON THE HEAVYWEIGHT TITLE FOR A THIRD TIME.





IN THE SUMMER OF 1979, THE FIRST SUPERMAN MOVIE PREMIERED...

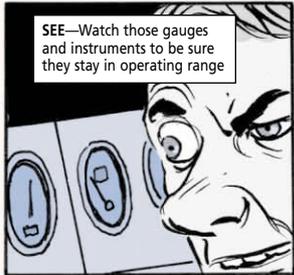


...BUT LATER THAT YEAR, REAL-LIFE HEROES FORGED A PEACE ACCORD AT CAMP DAVID

# ROLLING WITH YOU

From PS #223, June 1971

SEE—Watch those gauges and instruments to be sure they stay in operating range



LISTEN—A bang, clank, snap, screech or any unusual sound could mean trouble. Stop and see if anything's wrong

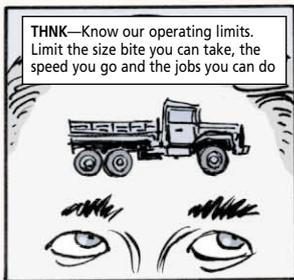


THESE FOUR THINGS WILL *STILL* HELP YOU KEEP YOUR EQUIPMENT OUT OF THE GRAVEYARD.

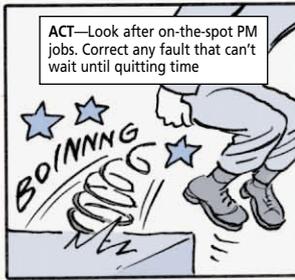
TO THAT MAGNIFICENT DIESEL WORKHORSE OF YOURS, THE MOST IMPORTANT PERSON IN ALL THE WORLD IS *YOU!*



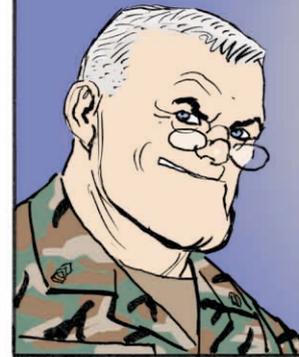
THINK—Know our operating limits. Limit the size bite you can take, the speed you go and the jobs you can do



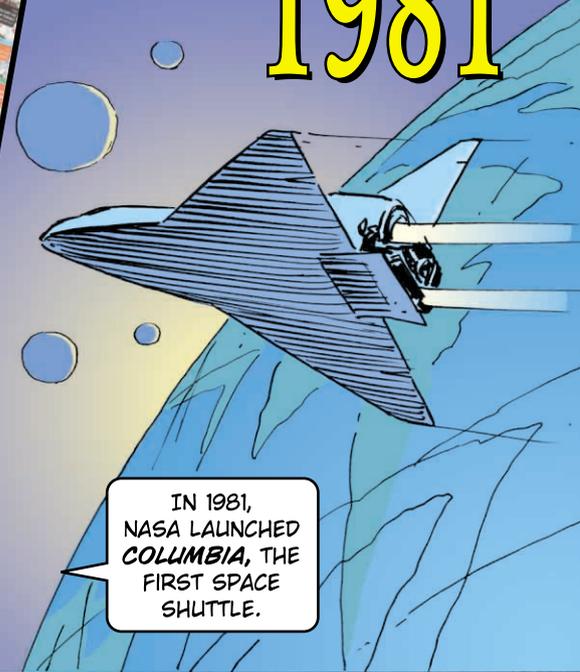
ACT—Look after on-the-spot PM jobs. Correct any fault that can't wait until quitting time



# 1981



IN 1981, NASA LAUNCHED **COLUMBIA**, THE FIRST SPACE SHUTTLE.



IN 1984, ASTRONAUT BRUCE McCANDLESS MOVED AROUND SPACE, PHYSICALLY DISCONNECTED FROM HIS SHIP.



THAT SAME YEAR, THE NUCLEAR PLANT IN CHERNOBYL EXPLODED... THREATENING THE LIVES OF 100,000 PEOPLE.



BY THE END OF THE DECADE, THE **BERLIN WALL** HAD BEGUN TO CRUMBLE.



THANKS HALF-MAST. I'LL TAKE OVER AWHILE. I'M CONNIE AND I'VE BEEN WORKING WITH PS SINCE THE MAGAZINE BEGAN. BUT DON'T ASK MY AGE-- I WON'T TELL! HERE ARE SOME OTHER THINGS WE COVERED IN THE '80s.

## REAR LEG NEEDED? GET IT!!



A soldier writes that he nearly lost his legs—maybe even his life—when a heavily-loaded trailer tipped backward as he was getting underneath it—and it pinned his legs to the concrete parking area.

Don't let this happen to you! Get the OK from your CO to add a rear support leg to any of those ¾-ton or 1 ½-ton trailers that carry heavy equipment—like fuel pods, radar, generators, etc.

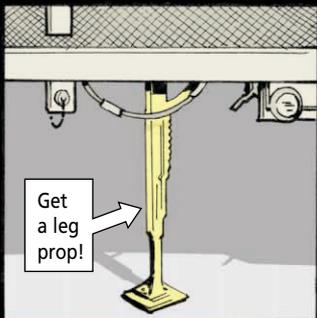
There're two support legs available. NSN 2590-00-318-6691 and NSN 1450-01-026-4179. They're pretty much the same and do exactly the same job.

With or without a rear support leg, tho, take care where you park your trailer. If it's parked on a slope with the rear downhill, you're asking for trouble. Even that support leg's got its limits.

THIS INFO WAS PUBLISHED IN **PS 343** AND IT STILL MAKES A LOT OF SENSE TODAY.



Get a leg prop!



**PS** THE PREVENTIVE MAINTENANCE MONTHLY  
The Desert The Other Army

**1991**

SHUT THAT FLAP! SAND IS A KILLER TO OUR WEAPONS!

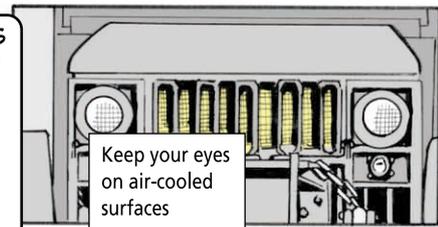
YEAH... I KNOW!

DESERT STORM WAS FOUGHT IN THE BLAZING HEAT AND GRITTY SAND OF THE DESERT. A WHOLE NEW SET OF MAINTENANCE RULES WERE PRINTED IN PS AND FOLLOWED OUR GUYS OVERSEAS.

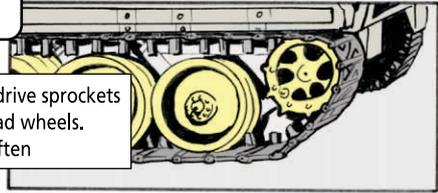


OUR UNIFORMS BLENDED INTO THE DESERT LANDSCAPE, BUT IT TOOK MORE THAN CAMOUFLAGE TO FIGHT THAT WAR!

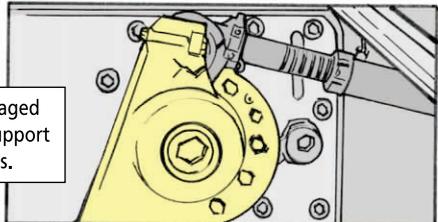
Keep your eyes on air-cooled surfaces



Check drive sprockets and road wheels. Lube often



Look for damaged road wheel support arms and bolts.

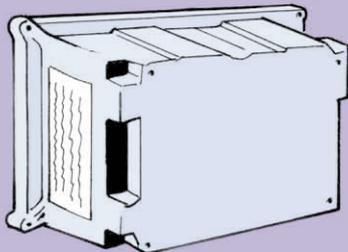


MUZZLES WERE COVERED WITH A PROTECTIVE DUST CAP BECAUSE SAND-CLOGGED BARRELS COULD CAUSE SEVERE WEAPONS DAMAGE AND PERSONAL INJURY.



## HEAT EXTREMES

Heat causes great strain on vehicle solid-state electronics. Carry extra regulators for M60-series tanks and M113-series FOV. They go bad.



Keep spare regulators handy

From #458, Jan 1991

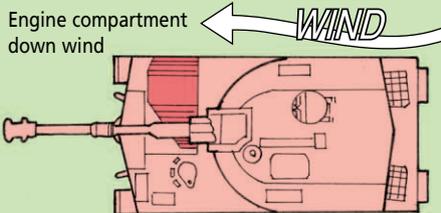
HEAT DID A JOB ON RADIOS, BUT **GOOD PM** FROM **PS** HELPED COMMUNICATIONS STAY COOL.



## WINDS

Flat deserts have high winds, carrying enough grit to shut down maintenance operations. Cover only those areas on which you're working to save shelter space. Park vehicles so the engine compartment is downwind. Use portable shelters.

Engine compartment down wind



From #458, Jan 1991



# 2001

NOW WE'RE INTO THE NEW MILLENIUM. THE WHOLE WORLD CELEBRATED WITH FIREWORKS, NOT BOMBS. BUT.... AS LONG AS THERE'S A CHANCE OF TROUBLE, WE'VE GOT TO BE PREPARED... JUST LIKE OUR NEW PRESIDENT GEORGE W. BUSH TELLS US.

THERE'LL ALWAYS BE POCKETS OF VIOLENCE... AND WE'VE GOT TO BE READY.



SOLDIERS STATIONED IN BOSNIA AND OTHER TROUBLE SPOTS NEED **PREVENTIVE MAINTENANCE** ON THEIR EQUIPMENT.



THEY'RE A LONG WAY FROM HOME, BUT **PS** GETS THE WORD TO 'EM.



AND WE'LL CONTINUE TO GET THE LATEST INFO OUT, SO THEIR EQUIPMENT WILL **KEEP ON ROLLIN'**.

DON'T FORGET MY GASKET!



From PS 578, Jan 2001

WE'RE ALL LOOKING FORWARD TO THE **NEXT** 50 YEARS OF KEEPING YOU READY AND HELPING YOU MAINTAIN ALL YOUR PIECES OF EQUIPMENT.

WE'LL KEEP GETTING OUT THERE TO LEARN THE INSIDE INFO FROM THE SOLDIERS WHO GET THEIR HANDS DIRTY... THE FOLKS WHO MAKE IT WORK AND TELL IT LIKE IT IS.

LET US KNOW HOW WE'RE DOING AND **CONNIE, BONNIE, WINDY** AND I WILL KEEP TELLING YOU THAT YOU HAVE THE **WORLD'S BEST EQUIPMENT** AND KEEP SHOWING YOU HOW TO KEEP IT THAT WAY!

