



**THE
PREVENTIVE
MAINTENANCE
MONTHLY**

SERGEANT'S TIME TRAINING SUPPORT

Caps, Plugs, Bags? We've Got You Covered! An Easy Outline for Sergeant's Time Training

(Note to Sergeants: Here's an easy training outline you can follow any time your unit has a free minute. Two issues & solutions are provided below, with visuals if you scroll down. Pick one or use them both. Add more as you see fit. Make it yours & make it matter! –*PS Magazine*)

Problem: Leaving hoses, lines, tubes, fittings and connectors uncovered is a huge mistake because it allows in moisture, dirt and contamination.

Solution: Any time you disconnect hoses, lines, tubes, fittings or connectors, cover them up. Don't just leave them open to the elements!

1. If your equipment's TM calls out a specific cap or plug, use it.
2. If nothing is specified, order NSN 5340-00-450-5718 for a package of 121 protective caps in various sizes (Cost: less than \$16)
3. If you need certain sizes, order from the following selection of caps and plugs:

Caps

Diameter (inches)	Length (inches)	NSN 5340-
5/16	7/8	00-777-4620
3/8	3/4	01-170-6662
1/2	3/4	01-187-8957
11/16	3/4	00-930-0839
3/4	3/4	01-044-2675
13/16	7/8	00-993-4185
7/8	2 1/2	00-491-7583

Cap Tube (Flared), NSN 4730-	Outside Diameter (inches)
00-221-2126	3/16
01-061-4150	5/16
00-585-8769	3/8
00-221-2127	5/8
00-221-2128	3/4
00-221-2129	1

Hydraulic Tube Cap (Flareless), NSN 4730-	Outside Diameter (inches)
00-837-9842	1/8
00-115-0210	3/16
00-985-5165	5/16

Plugs

Tube Plug (flared) NSN 4730-	Outside Diameter (inches)
00-287-0109	1/8
00-287-0100 (plain)	3/16
00-287-0110	1/4
00-287-0112	3/8
00-287-0113	1/2
00-287-0116	5/8
00-287-0117	3/4
00-287-0118	1

Hydraulic Tube Plug (Flareless), NSN 4730-	Outside Diameter (inches)
00-540-2231	1/8
00-595-3917	3/16

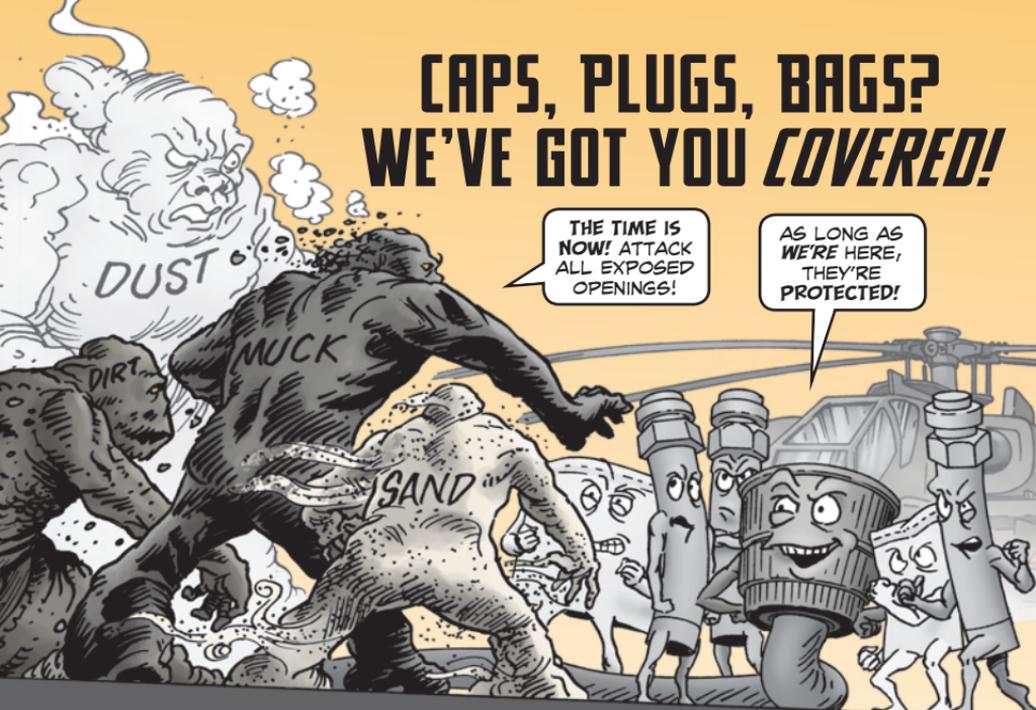
Problem: We don't have any caps or plugs and no money/time/opportunity to order them. Now what??

Solution: Use plastic baggies until you can get the right caps or plugs. The ones from the grocery store work in a pinch, but here are some common sizes you can order from supply (when you have time/money!):

Plastic Bags

Size (inches)	NSN 8105-
8x6	00-137-9133
10x8	00-137-9134
12x12	00-837-7757

CAPS, PLUGS, BAGS? WE'VE GOT YOU *COVERED!*



THE TIME IS NOW! ATTACK ALL EXPOSED OPENINGS!

AS LONG AS WE'RE HERE, THEY'RE PROTECTED!

LEAVING HOSES, LINES, TUBES, FITTINGS AND CONNECTORS UNCOVERED IS A DEFINITE MAINTENANCE NO-NO. WHY?



I'LL TELL YOU WHY!

- Moisture dilutes lubes and causes corrosion and engine wear.
- Dirt gets into holes and open lines, contaminating fluids and preventing connectors from sealing.
- Sand and pebbles plug connectors, damaging delicate pins.

SO WHAT'S THE SOLUTION?
ANY TIME YOU DISCONNECT HOSES, LINES, TUBES, FITTINGS AND CONNECTORS, **COVER 'EM.**
IF YOUR EQUIPMENT'S TM CALLS OUT A SPECIFIC CAP OR PLUG, **USE IT.**

BUT IF NOT, ORDER FROM THE FOLLOWING SELECTION OF CAPS, PLUGS AND BAGS. NSN 5340-00-450-5718 GETS 121 PROTECTIVE CAPS IN VARIOUS SIZES FOR LESS THAN \$16. **THAT'S A GREAT DEAL!**

OR YOU CAN ORDER THESE SPECIFIC CAP SIZES:

Diameter (inches)	Length (inches)	NSN 5340-
5/16	7/8	00-777-4620
3/8	3/4	01-170-6662
1/2	3/4	01-187-8957
11/16	3/4	00-930-0839
3/4	3/4	01-044-2675
13/16	7/8	00-993-4185
7/8	2 1/2	00-491-7583



FOR TUBE PLUGS,
USE THESE
NSNs...

Hydraulic Tube Cap (flareless), NSN 4730-	Outside Diameter (inches)
00-837-9842	1/8
00-115-0210	3/16
00-985-5165	5/16

Cap Tube (Flared), NSN 4730-	Outside Diameter (inches)
00-221-2126	3/16
01-061-4150	5/16
00-585-8769	3/8
00-221-2127	5/8
01-359-4271	3/4
00-221-2129	1

Tube Plug (flared), NSN 4730-	Outside Diameter (inches)
00-287-0109	1/8
00-287-0100 (plain)	3/16
00-287-0110	1/4
00-287-0112	3/8
00-287-0113	1/2
00-287-0116	3/8
00-080-3091	3/4
00-287-0118	1

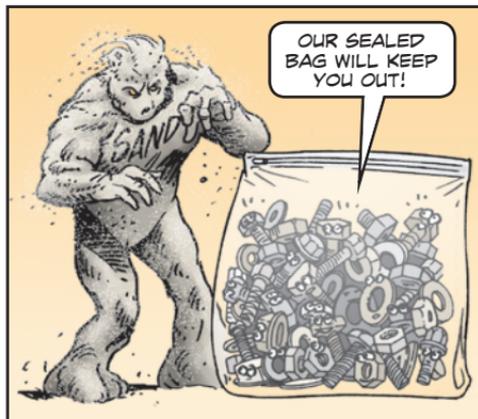
Hydraulic Tube Plug (flareless), NSN 4730-	Outside Diameter (inches)
00-540-2231	1/8
00-595-3917	3/16

IF YOU HAVE NO CAPS OR PLUGS, USE **PLASTIC BAGS** TO COVER ALL EXPOSED OPENINGS AND DISCONNECTED LINES.

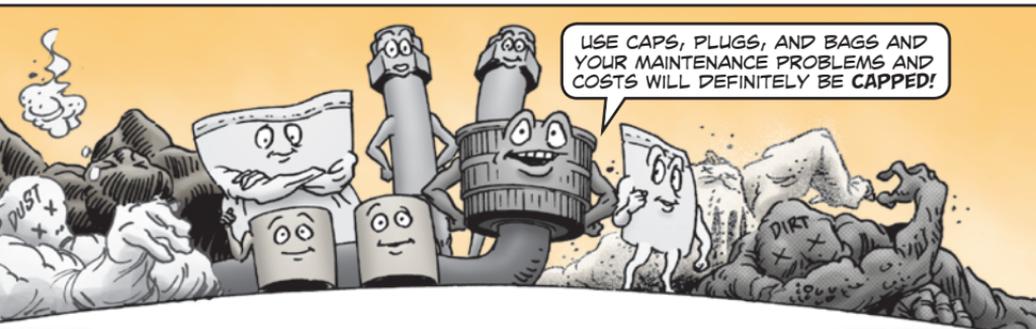
BAGS ARE ALSO GOOD FOR HOLDING NUTS, BOLTS AND OTHER PARTS THAT ARE REMOVED DURING MAINTENANCE.

HERE ARE A FEW BAG SIZES:

Size (inches)	NSN 8105-
8x6	00-137-9133
10x8	00-137-9134
12x12	00-837-7757



OUR SEALED BAG WILL KEEP YOU OUT!



USE CAPS, PLUGS, AND BAGS AND YOUR MAINTENANCE PROBLEMS AND COSTS WILL DEFINITELY BE CAPPED!