SMR Codes Updated

We get a lot of questions here at PS that can be answered by the SMR codes found in your TMs.

Time to go back to school, troops, and get the straight scoop on SMR codes.

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Have you brushed up on your source, maintenance and recoverability (SMR) codes lately?

If not, you should!

That’s because of changes made to regulations that affect the joint services.

For the Army, these changes are covered in a major revision of AR 700-82, Joint Regulation Governing the Use and Application of Uniform Source Maintenance and Recoverability Codes (Aug 14).

One major change is that code C is now used in the third, fourth or fifth positions of the maintenance and recoverability codes to represent field-level crew or operator maintenance.

Since we’re on the subject, now’s the perfect chance to take a mini SMR code refresher course!

New soldiers and old hands who feel a little rusty on the topic may find this summary helpful.
Breaking Down SMR Codes

You can find SMR codes at the beginning of every repair parts and special tools list (RPSTL) section in TM's ending with a "P" or "&P."

The code format has four parts:
- A two-position source code
- A two-position maintenance code
- A recoverability code
- An optional service-specific code

The first and second positions of the code both refer to an item's source.

- P - Procured. Items with a P are centrally procured.
- K - Kit. Sometimes items in kits don't have NSNs. In cases where an item is part of a kit and is also an item outside the kit, the P series source code is used.
- M - Manufactured. The item is manufactured or fabricated at specified maintenance activities.
- A - Assembled. The item is assembled at a maintenance activity.
- X - Not stocked. (See "Key to X Codes" for descriptions).

Key to X Codes

- XA - Item is not procured or stocked because this item requires you to replace the next higher assembly.
- XB - A support item not expected to fail and not stocked. In some cases, it may be available through salvage. If not available or authorized through salvage, order the item through normal supply channels using its CAGE code and part number.
- XC - An installation drawing, diagram, instruction sheet or field service drawing identified by a manufacturer's part number.
- XD - A support item that is not expected to fail but **cannot** be replaced by salvage/cannibalization. Local purchase or requisition this item through normal supply channels using its CAGE code and part number.

The second position adds specific info to the general source code of the first position.

For example, PA is a procured and stocked item. PH is a stocked and procured item but contains hazmat, so it has special reporting requirements. PZ means an item was once procured but is now terminal or obsolete with no replacement, so you cannot order it.

The third and fourth positions define what level of maintenance is assigned to an item.

- C Operator/crew
- O Organization/unit
- F Installation/field/intermediate level or aviation support battalion (ASB)
- H Installation/field/below depot sustainment
- K Contractor facility
- L Specialized repair activity or Theater Aviation Sustainment Maintenance Group (TASMG)
- D Depot

The fourth position uses the same codes as position three, but tells you the lowest maintenance level that is capable and has the resources to perform a complete repair.

‘Complete repair’ means the item will return to service when repaired. A ‘complete repair action’ means that all maintenance (remove, replace, repair, assemble and test) for the item must be performed at that level.
## Joint Service Coding Reference Chart

### Source Maintenance

#### 2nd Position
- **A** Item: Stocked
- **B** Item: Stocked, Insurance
- **C** Item: Stocked, Deteriorative
- **D** Item: Support, Initial Issue or Outfitting and Stocked Only for Additional Initial Issue
- **E** Equipment: Support, Initial Issue or Outfitting and Stocked Only for Additional Initial Issue
- **F** Equipment: Support, Non-Stocked, Centrally Procured on Demand
- **G** Item: Stocked, Supports Sustained Support, Unecomonomical to Produce at Later Time
- **H** Item: Stocked, Contains Hazardous Materials, Hazardous Materials Information System/Material Safety Data Sheet reporting required
- **R** Terminal or Obsolete, Replaced
- **Z** Terminal or Obsolete, Not Replaced
- **P** (Procured)
- **K** (Kit)
- **M** (Manufactured)
- **A** (Assembled)
- **X** (Not Stocked)

### 1st Position

#### Means of Acquiring Support

- **ITEM:** Stocked
- **ITEM:** Stocked, Insurance
- **ITEM:** Stocked, Deteriorative
- **ITEM:** Support, Initial Issue or Outfitting and Stocked Only for Additional Initial Issue
- **EQUIPMENT:** Support, Initial Issue or Outfitting and Stocked Only for Additional Initial Issue
- **ITEM:** Support, Non-Stocked, Centrally Procured on Demand
- **ITEM:** Stocked, Supports Sustained Support, Unecomonomical to Produce at Later Time
- **ITEM:** Stocked, Contains Hazardous Materials, Hazardous Materials Information System/Material Safety Data Sheet reporting required
- **ITEM:** Terminal or Obsolete, Replaced
- **ITEM:** Terminal or Obsolete, Not Replaced

### 3rd Position

- **C** Operator/Crew
- **O** Organization / Unit
- **F** Installation/Field/Intermediate level or afloat
- **G** Both ashore and afloat
- **H** Installation/Field/Sustainment or afloat
- **K** Contractor Facility
- **L** Specialized Repair Activity
- **D** Depot
- **Z** Reference Only
- **A** Nonrepairable, needs special handling

### 4th Position

- **C** Operator/Crew
- **O** Organization / Unit
- **F** Installation/Field/Intermediate level or afloat
- **G** Ashore and afloat
- **H** Installation/Field/Sustainment or ashore
- **K** Contractor Facility
- **L** Specialized Repair Activity
- **D** Depot
- **Z** Non-repairable
- **B** Recondition

### 5th Position

- **C** Operator/Crew
- **O** Organization / Unit
- **F** Installation/Field/Intermediate level or afloat
- **G** Ashore and afloat
- **H** Installation/Field/Sustainment or ashore
- **K** Contractor Facility
- **L** Specialized Repair Activity
- **D** Depot
- **Z** Non-repairable
- **A** Nonrepairable, needs special handling

### Service Option Codes

- **C** Operator/Crew
- **O** Organization / Unit
- **F** Installation/Field/Intermediate level or afloat
- **G** Ashore and afloat
- **H** Installation/Field/Sustainment or ashore
- **K** Contractor Facility
- **L** Specialized Repair Activity
- **D** Depot
- **Z** Non-repairable

### Recoverability

- **When unserviceable or uneconomically repairable, condemn or dispose.**
- **Maintenance level and/or maintenance activity authorized to remove/replace the item.**
- **Maintenance level and/or maintenance activity authorized to remove/replace the item.**
- **Maintenance level and/or maintenance activity authorized to remove/replace the item.**

### Field Sustainment

- **C** Operator/Crew
- **O** Organization / Unit
- **F** Installation/Field/Intermediate level or afloat
- **G** Ashore and afloat
- **H** Installation/Field/Sustainment or ashore
- **K** Contractor Facility
- **L** Specialized Repair Activity
- **D** Depot
- **Z** Non-repairable

### Disposition

- **When unserviceable or uneconomically repairable, condemn or dispose.**
In Army programs, Code L means a specialized repair activity or TASMG. Code O is Field Level Maintenance performed at aviation maintenance companies.

Code Z, meaning non-repairable, may be used in the fourth or fifth positions. Z-coded parts need to be replaced when they go bad.

Fifth Position

Recoverability is defined by the Fifth Position.

The code tells you what maintenance level can determine when an item is unserviceable or too expensive to repair, and who can condemn or dispose of the item.

The fifth position generally uses the same codes as the third and fourth positions.

Sixth Position

A sixth position is optional and service-specific. For example...

Code A in the Army’s sixth position means no demilitarization is required before disposal.

Code G applies to ammunition, explosives or dangerous articles that must be demilitarized before they go to DLA Disposition Services.

For more information and a complete list of codes and definitions, download AR 700-82 at: http://www.apd.army.mil/pdffiles/r700_82.pdf