
TECHNICAL MANUAL**USE OF PARTS KIT**

(ATOS)

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1. **PURPOSE.** This technical order describes the parts kit concept and prescribes the manner in which parts will be supplied, utilized and revised.

2. **SCOPE.** The instructions herein are applicable to Air Force activities at all levels, National Guard and USAF Reserve.

3. **RESPONSIBILITY.** Commanders are responsible for bringing this technical order to the direct attention of all affected personnel and assuring that such personnel are made fully aware of its content.

4. **BACKGROUND.** Parts kits, developed for the purpose of providing better support to Air Force activities at reduced cost, are bought, packaged, cataloged and controlled as one item, regardless of the various Federal Supply Classes of material that maybe contained therein. Parts kits are procured for selected recoverable items which are suitable for this concept.

5. **TYPES OF PARTS KITS.** Three types of parts kits are being procured as follows:

5.1 Depot Kits - These kits provide a selected range of parts required for depot level repair of end items.

5.2 Field Kits - These kits provide a selected range of parts required for intermediate repair of end items.

5.3 Cure-dated Kits - These kits provide the cure-dated parts required for end item repair. They are selected during the initial development of depot and field kits.

6. **PARTS KITS CONTENTS.**

6.1 Where practicable, parts kits are established during initial review of provisioning documentation that introduces reparable items into the USAF inventory; however, they may be established at any time the kit criteria are met.

6.2 Kit components for the complete disassembly concept of repair are based upon unit cost, replacement percentage and nature of the items involved.

7. **ADDITIONAL SEPARATE PARTS.** Repair kits do not normally furnish all parts required for repair or overhaul. Other needed parts not in kits must be requisitioned separately. To determine which repair parts are in kits and those which have been procured separately, refer to the Illustrated Parts Breakdown technical order or Master Material Support Record (MMSR) for the reparable end item. Repair parts are identified therein by source code.

8. **DETERMINING SEPARATE PARTS.**

8.1 To determine if a recoverable item is supported with repair kits, refer to the Illustrated Parts Breakdown (IPB) technical order or MMSR.

8.2 In all instances, a complete range of repair parts, whether for issue by parts kit or separately, is listed in the IPB for the recoverable item.

8.3 Each parts kit is stocklisted within the same Federal Supply Class as the reparable end item for which the kit provides maintenance parts support

9. **PARTS KIT USAGE.** In accomplishing repair, the repair activities will normally replace all parts, regardless of condition, with like parts furnished in the kit. However, degree of disassembly will not exceed that specified for the repair method just so that all kit parts will be used. At intermediate level the removed parts and kit residue not usable as bench stock will be processed as USAF excess property in accordance with AFMAN 23-110. Contractors performing maintenance or overhaul contracts will dispose of the removed parts and kit residue in accordance with the terms of their contract. Air Force Logistics Command organizations will dispose of removed item and of residue in accordance with AFMCMAN 25-1.

10. PARTS KITS REFINEMENT.

10.1 Equipment Specialists (ES) are responsible for the continual review of parts kits applicability and contents and for making required revisions to ensure that economical and effective support is maintained through the use of kits. The ES will follow guidance in AFMCMAN 25-1. For many kits, the user is the only source of appropriate information upon which a review can be based.

10.2 Air Force repair activities will provide parts kits review and refinement information relative to usage of

items within the kit, kit applicability and suggested additions to kit contents when requested by the appropriate Inventory Manager. Normally, such information will be furnished by noting parts usage on kit packing lists for a sample of kits. Appropriate reports clearance will be obtained from the local information management activity. The Equipment Specialist will determine and notify using activities of the extent of sampling required.

10.3 Any parts kit deficiencies noted by kit users (shortages or excesses of parts, etc.) should be reported to the source of supply.