

TECHNICAL BULLETIN



**MAINTENANCE EXPENDITURE LIMITS
FOR
FSC GROUP 49
FSC CLASSES 4930, 4940**

HEADQUARTERS, DEPARTMENT OF THE ARMY

1 JUNE 1992

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**MAINTENANCE EXPENDITURE LIMITS FOR FSC GROUP 49,
(FSC CLASSES 4930, 4940)**

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By Order of the Secretary of the Army:

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HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 1 JUNE 1992

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REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), to: Commander, U. S. Army Troop Support Command, ATTN: AMSTR-MMTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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This bulletin supersedes TB 43-0002-29, 20 September 1990.

Section I. GENERAL

1. Purpose. This bulletin implements the policies established by AR 750-1. It provides one-time repair expenditure limits, guidance for performing technical inspections, procedures for computing repair cost estimates, and disposition instructions for unserviceable excess equipment.

2. Scope. This bulletin applies to all US Army Organizations, installations, activities and reserve components worldwide which use and/or repair the equipment listed in the appendixes of this bulletin

Section II. ONE-TIME REPAIR EXPENDITURE LIMITS

3. Procedure.

a. One-time expenditure limits are applicable each time an item is repaired. The one-time repair expenditure limit is applied against the standard price of the end item as listed in SB700-20

b. The procedure for determining the repair expenditure limit for an end item, is as follows:

(1) Identify the item by NSN, make, model, and serial number, and production year. This data may be obtained from either the equipment

(2) Obtain the standard price of the item from SB 700-20.

(3) Locate item in the appendix that contains the FSC Class to which item is assigned.

(4) Determine the percentage factor, Columns 7 through 13, that is applicable for the calendar year that repair or overhaul is required

(5) Multiply the end item standard price by the percentage factor ((4) above) to determine the one-time allowance repair costs.

4. Expenditure Limits.

a. The one-time expenditure limit is a percent of the acquisition cost of the end item, for labor, components, assemblies, and repair parts applicable to the end items, that have remaining repair eligibility cited in this bulletin

b. One-time expenditure limits are shown in appendix as indicated below FSC Class 4930-Appendix A

Section III. TECHNICAL INSPECTIONS

5. Procedure. Support maintenance organizations and activities are responsible for performing the technical inspections, incident to repair or evacuation of items listed in this bulletin. These inspections must be performed by experienced technically qualified maintenance personnel. Inspections will be performed in accordance with applicable equipment technical manuals and DA PAM 738-750. When equipment is to be repaired at any level of support maintenance, the current serviceability standards applicable to the maintenance category performing the repair will apply.

6. Forms. DA Form 3590 (Repair Eligibility Data Sheet) and DA Form 2404 (Equipment Inspection and Maintenance Worksheet) will be used to record results of technical inspections. Instructions on preparation and use of these forms are found in TB 43-0140 and DA PAM 738-750, respectively.

Section IV. COMPUTATION OF REPAIR COST ESTIMATES

7. Cost Factors Refer to paragraph 4-18 through 4-29 AR 750-1 for ex-

other charge that are applicable are added to direct labor and direct materi-

Section V. DISPOSITION INSTRUCTIONS

9. Eligibility of Materiel for Evacuation to Depot Maintenance. All equipment covered by this bulletin is eligible for evacuation to depot maintenance when the repairs required are beyond the capability of support maintenance and the cost of repairs will not exceed the one-time repair expenditure limits.

10. Disposition Instructions.

a Items will all be reported to the National Inventory Control Point (NICP) for disposition instructions under the following conditions:

- (1) The estimated one-time repair cost exceeds the prescribed expenditure limits and waiver of limits is not authorized as provided for in paragraph 4-30 and 4-31, AR 750-1. No action will be taken to dispose of equipment until disposition instructions are received from the NICP
- (2) The repairs required to restore an item to a serviceable condition are beyond the capabilities of General Support Maintenance regardless of estimated repair cost, except as provided for in *b* below

b. Depot repair is authorized in oversea commands without referral to NICP when repairs can be accomplished within the prescribed expenditure limits.

c. Requests for disposition instructions will be prepared in accordance with AR 755-1.

d. Report of unserviceable excess items will be accomplished by inspection report on DA Form 3590 (Repair Eligibility Data Sheet) in three copies. If the equipment being reported is a set, separate copies of DA Form 3590 will be prepared for each major PEMA component

e. Equipment will not be reported for disposition solely on the basis that it is overage. Serviceable overage equipment will be retained in use unless priority of organization's mission warrants a replacement. Repairs to overage equipment will be limited to the maintenance necessary to maintain it in a safe, operable condition

Section VI. APPENDIXES

11. General. Appendix A contains equipment listings and data for determining repair eligibility. The equipment listings contain only those end items that are known to be in hands of troops or depot stock. These listings are not to be used as an identification list of the items assigned to the FSC Classes indicated. For complete identification of FSC Group 43 materiel, refer to the appropriate supply catalogs (1F)

12. Explanation of Columns.

a Column 1, FSC or National Stock Number. End item National Stock Numbers listed in numerical sequence

b Column 2, Item identification. Item generic nomenclature functional capability, make and model.

c Column 3, Technical Manual Number identification to End Item and Remarks. This column contains the applicable end item the applicable end item technical manual(e)

d. Column 4, Production Year. The year that item was manufactured. If no data is shown, refer to equipment data plate or equipment logbook.

e Column 5, Senal No Range, or USA Number The senal number ranges for the production years listed in Column 4

f. Column 6, Years of Life Expectancy. The estimated useful service life of an item (in years) to the Army. This is determined by experience with similar items considering present condition and probably future developments

g. Columns 7 through 13. Repair Limitations. The percent of end item price, according to nature. The dates in Columns 7 through 13 designate the final year that the percentage factors at top of columns are applicable. Items not listed are not eligible for repair, except the minimum maintenance required to maintain it in a safe, operable condition.

13. References

AR 750-1 TB 43-0140
AR 755-1
DA PAM 738-750 SB 700-20

APPENDIX A
 EXPENDITURE LIMITS FOR FSC GROUP 49
 FSC CLASSES 4930, 4940

FSC or National Stock No	Item Identification	Technical manual number to end item and remarks	Production Year	Serial No range or USA No	Yrs of Life expectancy	Repair Limitations						
						65%	60%	55%	50%	45%	40%	25%
2	3	4	5	6	7	8	9	10	11	12	13	
4930-00-017-9167	Lubricating and Service Unit, Trailer MTD, Henry Spen Model 901765-1	TM 5-4930-207-14, 24P	1965	All Serial Numbers	20			(Note A)				1991
4930-00-070-1181	Tank and Pump Unit, Liquid Dispensing, TRK MTD Advanced Ind Model 1800	TM 5-4930-228-14, 24P	1972	All Serial Numbers	20			(Note B,C)				1993
4930-00-078-4938	Tank and Pump Unit, Liquid Dispensing, TRK MTD Bowser Mfg Co Model 36W50	TM 5-4930-204-13, 23P	1963	All Serial Numbers	20			(Note B,C)				1991
4960-00-078-4939	Tank and Pump Unit, Liquid Dispensing, TRK MTD United Mfg Co Model 2938	TM 5-4930-204, 13, 23P	1966	All Serial Numbers	20			(Note B,C)				(1991)
4930-00-133-3041	Forward Area Refueling Equipment American Air Filter Model RFE 1000	TM 5-4930-229-12 & P	1975	All Serial Numbers	20				1991			1995
4930-00-133-3041	Forward Area Refueling Equipment American Air Filter Model RFE 1000	TM 5-4930-229-12 & P	1977	All Serial Numbers	20				1992			1997
	Lubricating and Service Unit, TRL MTD Elliott Model ENG 3	TM5-4930-217-14, 24P	1967	All Serial Numbers	20			(Note A)				1991
4930-00-426-9960	Tank and Pump Unit, Liquid Dispensing, TRK MTD, Model (97403) 13217E7100	TM 5-4930-230-13, 23P	1976	All Serial Numbers	20		(Note B,C)		1991			1996
4930-00-442-5313	Fuel System Supply Point, Class II, 60,000 Gallon Capacity SC4930-97 CL-E01	TM 5-4930-232-12 & P	1982	All Serial Numbers	20				1997			2002
4930-00-542-2800	Tank and Pump Unit, Liquid Dispensing, TRK MTG United Mfg LO MDL Style 1	TM 5-4930-204-15	1962	All Serial Numbers	20			(Note B, C)				1991
4930-00-548-2768	Lubricating and Service Unit, TRL MTD, Elliott MDL ENG 3A	TM 5-4930-218-14, 24P	1975	All Serial Numbers	20				1990			1995

APPENDIX A
EXPENDITURE LIMITS FOR FSC GROUP 49
FSC CLASSES 4930, 4940 - Continued

FSC or National Stock No	Item Identification	Technical manual number identification to end item and remarks	Production Year	Serial No range or USA No	Yrs of L ^{ife} expectancy	Repair Limitations						
						65%	60%	55%	50%	45%	40%	25%
1	2	3	4	5	6	7	8	9	10	11	12	13
4930-00-752-9983	Tank Unit, Liquid Dispensing, 600 Gallons, For TRLR MTG All Makes and Models	TM 5-4930-220-14 & P	1987	All Serial Numbers	20	1993			1998			2003
4930-00-877-8678	Tank and Pump Unit, Liquid Dispensing, TRK MTD, Highland Ind Model 2000	TM 5-4930-227-24P	1968	All Serial Numbers	20			(Note B,C)				1993
4930-00-926-3581	Tank and Pump Unit, Liquid Dispensing, TRK MTD, Allech Inc Model 4000	TM 5-4930-204, 13, 23P	1966	All Serial Numbers	20			(Note B,C)				1993
4930-00-926-3692	Tank and Pump Unit, Liquid Dispensing, TRK MTD, Orr and Sembower Model BL- 100	TM 5-4930-204-13, 23P	1966	All Serial Numbers	20			(Note B,C)				1993
4930-00-987-8576	Tank and Pump Unit, Liquid Dispensing, TRK MTD, United Mfg Co Model 2519	TM 5-4930-204, 13, 23P	1962	All Serial Numbers	20			(Note B,C)				1991
4930-01-130-7281	Tank and Pump Unit, Liquid Dispensing, TRK, MTD, Model 13217E7130 (97403)	TM 5-4930-230-13, 23P	1983	All Serial Numbers	20	1993			1998			2003
4930-01-230-0781	Lubricating and Service Unit, TRL MTD, McGraw, GED	TM 5-4930-233-13, 23P	1987	All Serial Numbers	20	1993			1998			2003
4930-01-274-0021	Tank and Pump Unit Low Profile, Liquid Dispensing	TM 5-4930-236-13 & P	1987	All Serial Numbers	20	1993			1998			2003
4930-01-301-8201	Forward Area Refueling Equipment Labarge DED	TM 5-4930-238-12 & P	1989	All Serial Numbers	20	1993			1998			2003
4940-00-268-9771	Cleaning Machine, Fuel Can and Drum, Barnes Model 431 OCA	TM 10-4940-201-10, 20, 25P, 35	1960	All Serial Numbers	20	1985			1988			1990
4940-00-658-2889	Cleaning Machine, Fuel Can and Drum, Barnes Model 158 OCA	TM 10-4940-201-10, 20, 25P, 35	1960	All Serial Numbers	20	1985			1988			1990

APPENDIX A
EXPENDITURE LIMITS FOR FSC GROUP 49
FSC CLASSES 4930, 4940 - Continued

FSC or National Stock No.	Item Identification	Technical manual number identification to end item and remarks	Production Year	Serial No range or USA No	Yrs of Life expectancy	Repair Limitations						
						65%	60%	55%	50%	45%	40%	25%
1	2	3	4	5	6	7	8	9	10	11	12	13
	<p>NOTES</p> <p>A. Based on production year the lubrication & servicing unit will be replaced at a rate of 24 per year for the next 10 years</p> <p>B When gas engine powered pumping assemblies have been replaced with electric motor driven pumping assemblies, the life expectancy increases as indicated</p> <p>C For 65% expenditure add 5 years to manufacturer's date found on equipment data plate, 50% add 10 years, 25% add 15 years</p> <p>Required repairs will not be broken into separate job estimates to bypass prescribe MELS</p>											

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