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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE MANUAL

RADIO SET AN/ARC-51X AND AN/ARC-51BX

This copy is a reprint which includes current
pages from Changes 1 through 5.

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Technical Manual }
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Organizational Maintenance Manual

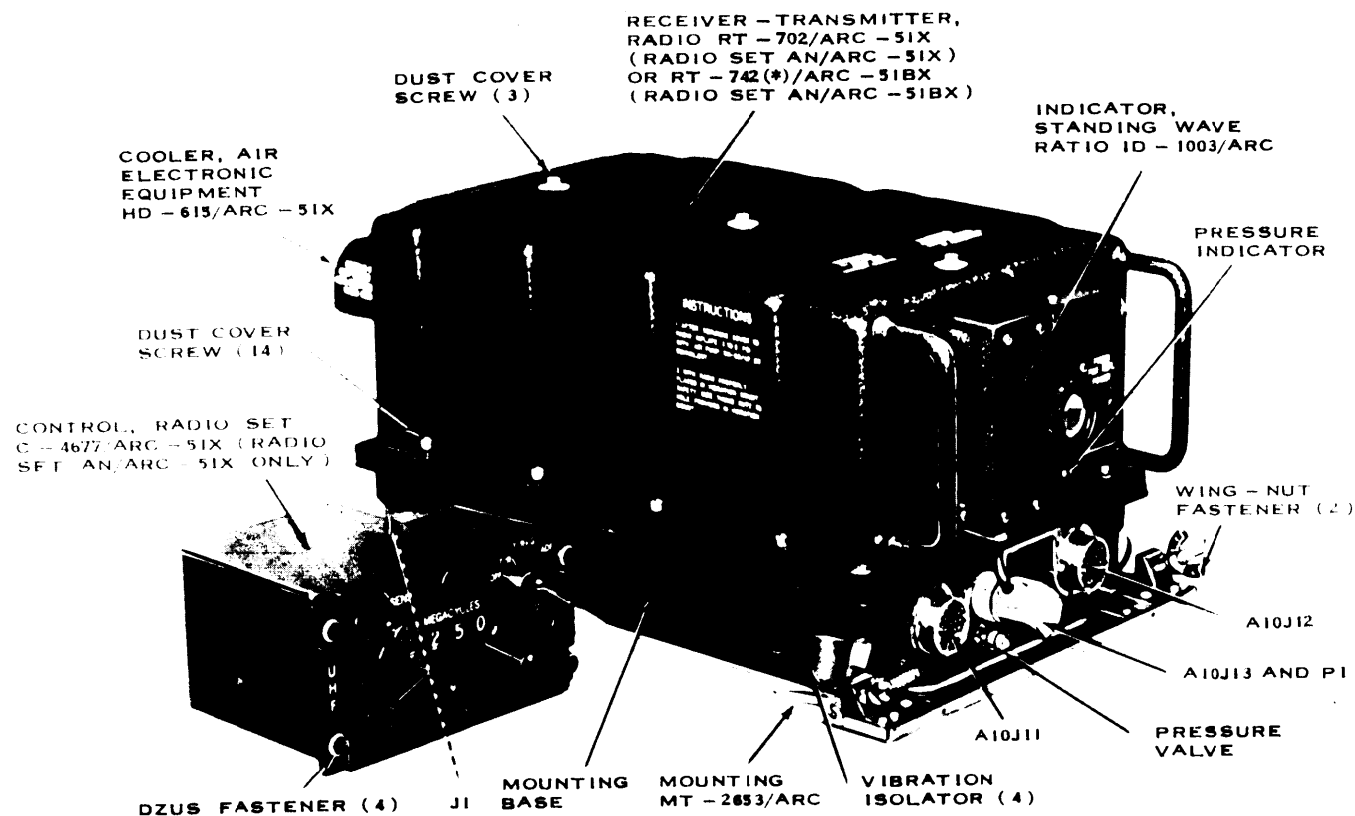
RADIO SETS AN/ARC-51X (NSN 5821-00-082-3698) AND AN/ARC-51 BX (NSN 5821-00-082-3926)

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*This manual supercedes TM 11-5820-518-12, 16 November 1963, including all changes, and TM 11-5820-518-20P, 24 February 1965.

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Figure 1-1. Radio Sets AN/ARC-51X and AN/ARC-51BX (less Radio Set Control C-8287/ARC-51BX).

CHAPTER 1 INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual describes Radio Sets AN/ARC-51X and AN/ARC-51BX (figs. 1-1 and 1-2) and covers their operations, preflight check, and organizational maintenance. Maintenance includes preventive maintenance checks and services, troubleshooting, and replacement of main components of the AN/ARC-51X and the AN/ARC-51BX.

Note. Radio Set AN/ARC-51X is similar to Radio Set AN/ARC-51BX. Information in this manual applies to both radio sets unless otherwise specified.

b. Equipment nomenclature followed by the designation (*) denotes all models of a particular equipment item covered in this manual. For example Radio Receiver-Transmitter RT-742 (*)/ARC-51BX represents Radio Receiver-Transmitters RT-742/ARC-51BX and RT-742B/ARC-51BX.

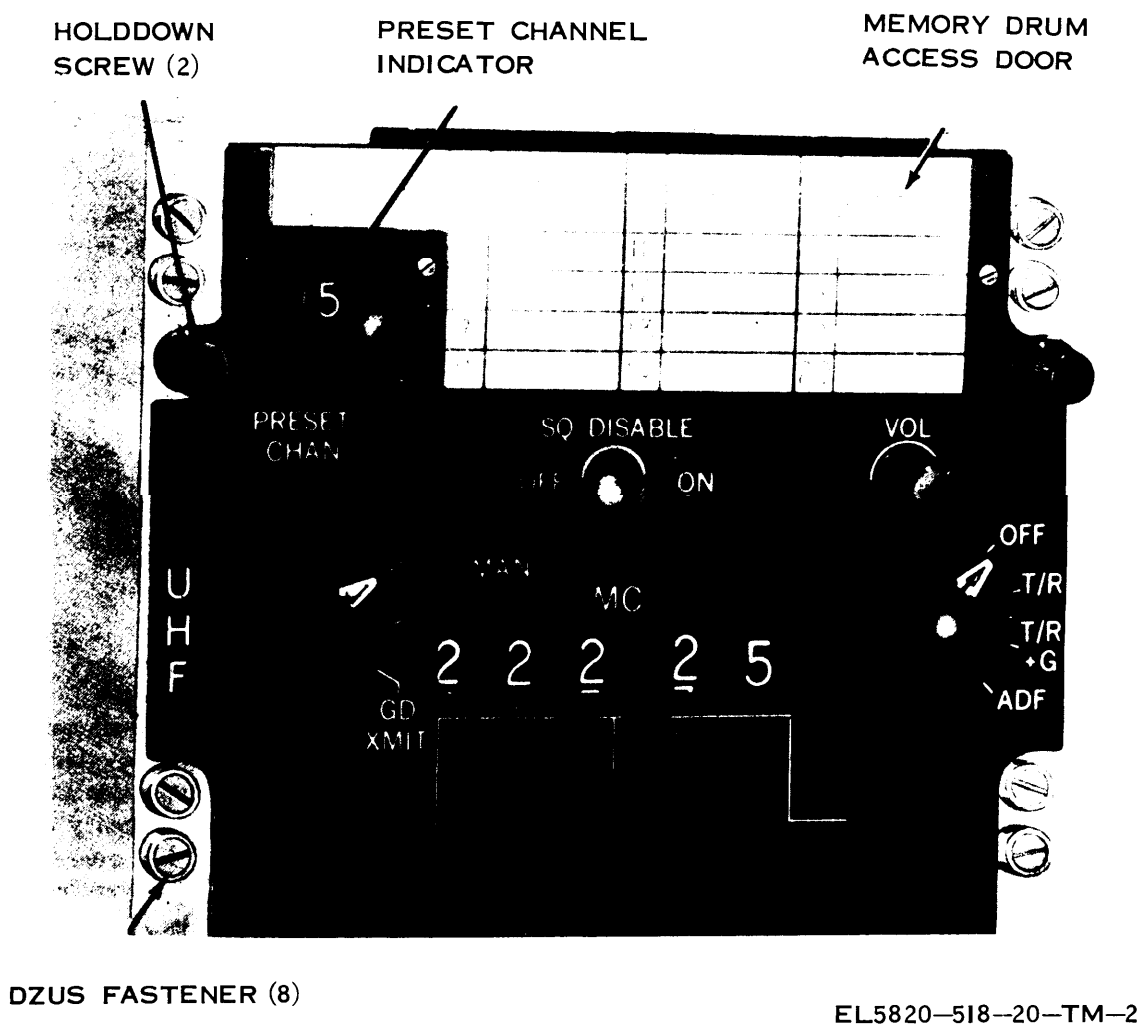


Figure 1-2. Radio Set Control C-6287/ABC-51BX