

DEPARTMENT OF THE ARMY

TECHNICAL BULLETIN

TOWED WHEELED VEHICLES, FSC CLASS 2330,
LUNETTE TRAILERS AND SEMITRAILERS:

REPAIR OF FRAMES

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HEADQUARTERS, DEPARTMENT OF THE ARMY
NOVEMBER 1995

Technical Bulletin
No. 9-2510-242-40

HEADQUARTERS
DEPARTMENT OF THE ARMY 15 November 1995

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REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this bulletin. If you find any mistakes or if you know of a way to improve the procedures contained in the bulletin, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual, direct to: Commander, ATTN: AMSTA-MM, Warren, MI 48397-5000. A reply will be furnished to you.

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Section I. GENERAL

1-1. Purpose. This bulletin provides general information, technical data, and guidance to assist maintenance personnel in accomplishing various types of repairs on lunette trailer and semitrailer frames.

1-2. Scope. The contents of this bulletin apply to:

a. Organizations. All US Army organizations, installations, and activities, and the Reserve components worldwide.

b. Lunette Trailers. All U.S. Army procured lunette trailers requiring frame repairs (either by in-house or contractor activities) specifically addressed by the content of this technical bulletin are listed in Appendix A. Figure 1 shows a common lunette trailer frame.

c. SEMITRAILERS. Common types of U.S. Army SEMITRAILERS are covered in this technical bulletin. Figures 2 thru 5 show common types of SEMITRAILERS. Appendix B lists SEMITRAILERS requiring frame repairs (either by in-house or contractor activities) specifically addressed by the content of this technical bulletin.

d. Applicability. This technical bulletin covers repair of lunette trailers and semitrailer frames and undercarriages only.

1-3. General Provisions

a. Maintenance Policy. Unless authorized by higher authority, repair of FSC Class 2330 towed wheeled vehicles (including lunette trailers and SEMITRAILERS) is limited to operations allocated to General Support (GS) and Direct Support (DS) or below, regardless of geographical location or custody. Lunette trailers shall not be delivered to a maintenance depot solely for the purpose of frame repair.

b. Maintenance Levels. Lunette trailer and Semitrailer repairs are allocated to the DS/GS maintenance level that could grant authority to supported units to perform the next higher level of repair if the supported unit has the capability and capacity to perform the repair.

c. Repairs. Restore unserviceable, economically repairable lunette trailer and semitrailer frames to a serviceable condition in support maintenance shops by repair or replacement of individual frame parts or components.

d. Repair Techniques. Frame repair techniques described in this bulletin are welding, riveting, removal of bolted members, replacement of bolted members, frame straightening, frame reinforcement, axle alignment, galvanizing repair, corrosion repair and painting. Ensure that reference material, such as technical data and publications applicable to these techniques, are readily available for the use of trained and certified personnel.

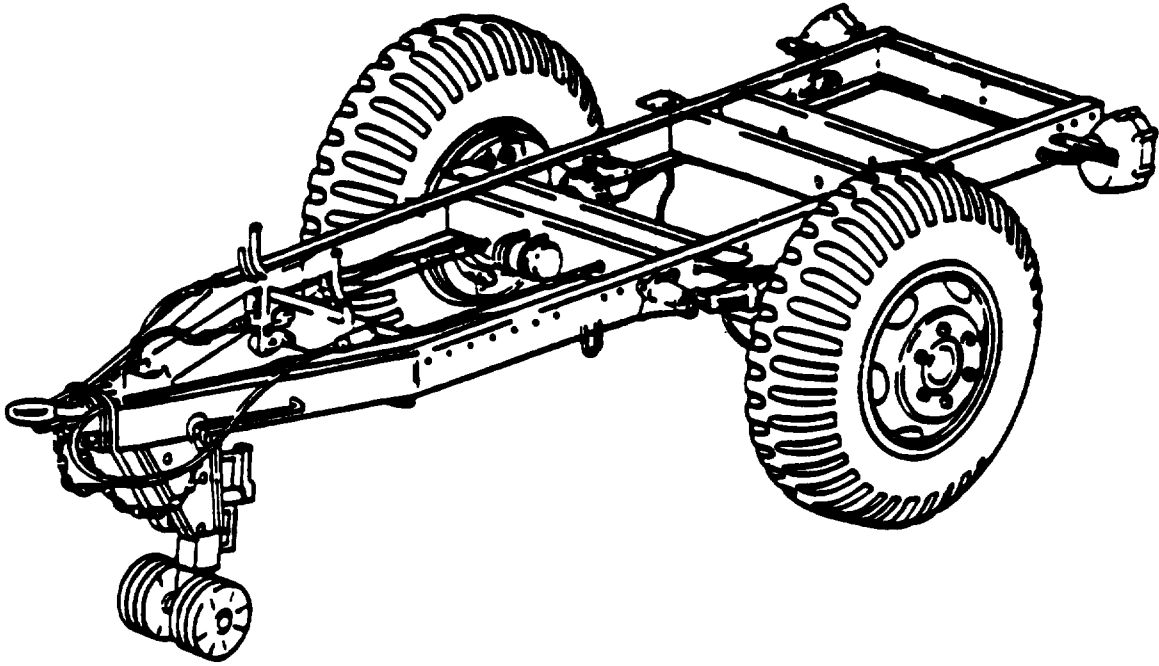


Figure 1. Common Lunette Trailer

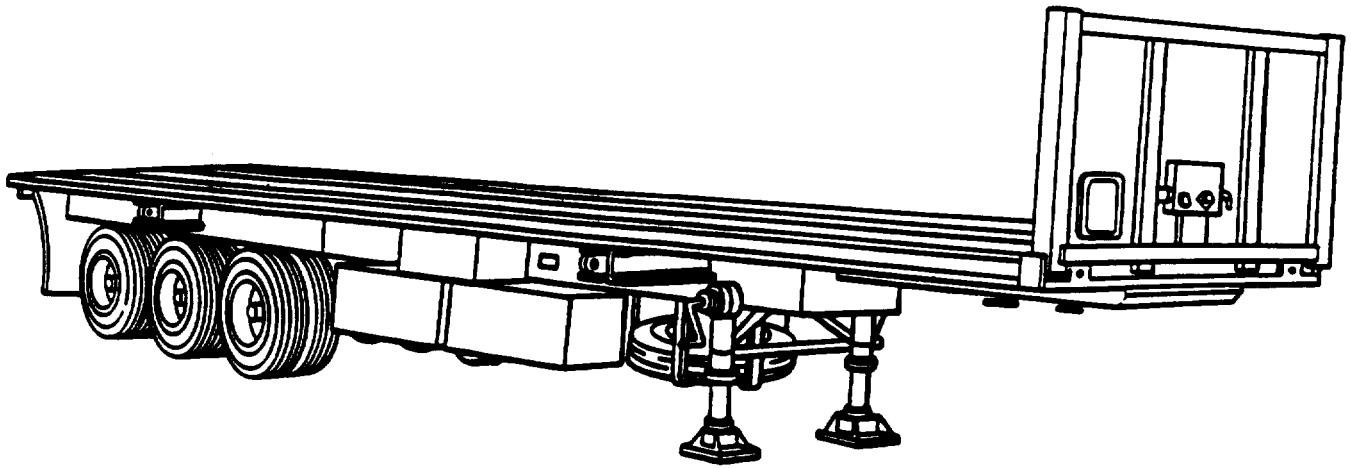


Figure 2. Typical Flatbed Semitrailer