

FED. SUP CLASS
2590

FRONT ELEVATION

LANDING LEG R.H.

4 INITIAL LIFT

LANDING LEG L.H.

45 MAX
EXTENDED
LENGTH

44 1/2 (REF)

CURB SIDE
ELEVATION

25 MAX RETRACTION

**(A) CANCELLED AFTER 27 AUGUST 1981.
NO SUPERSEDING STANDARD.**

NOTES:

1. TWO SPEED GEAR BOX WITH FOLDING RATCHET CRANK DRIVE.
2. BALL SCREW OPERATED LANDING LEGS.
3. ACME SCREW OPERATED ACTUATOR TO FOLD SIDE BRACES AND LIFT AND LOCK LANDING LEGS INTO FOLDED POSITION.
4. LANDING LEGS AND ACTUATOR OPERATE SIMULTANEOUSLY; THE RELATIONSHIP IS ADJUSTABLE TO SUIT INSTALLATION REQUIREMENTS.
5. THE EXTENDED LENGTH AND RETRACTION DIMENSIONS ARE MAXIMUM. NO ALLOWANCE IS INCLUDED FOR LEVELING VEHICLE.
6. THE TYPICAL INSTALLATION SHOWN IS FOR ENGINEERING REFERENCE ONLY. THIS ASSEMBLY MAY BE USED ON OTHER MODEL VEHICLES UTILIZING SIMILAR CONSTRUCTION CHARACTERISTICS.
7. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS.
8. DIMENSIONS SHOWN ARE IN INCHES AND ARE FOR ENGINEERING REFERENCE ONLY.
9. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
10. MARKING SHALL CONSIST OF THE MS PART NUMBER AND MANUFACTURERS IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.

DETAILS OF THIS ASSEMBLY SHALL BE IN ACCORDANCE WITH REFERENCED DRAWINGS (SEE ENGINEERING PARTS LIST) AND MAY BE OBTAINED FROM U.S. ARMY TANK-AUTOMOTIVE CENTER, ATTENTION: STANDARDIZATION BRANCH, WARREN, MICHIGAN, 48090.

MS PART NO	ENGINEERING PARTS LIST
MS 53091 -I	8379931

P.A. MO (ATAC)

TITLE

LANDING GEAR, RETRACTABLE-
SEMITRAILER, FOLDING LEG,
50,000 LB. STATIC CAPACITY

Other Cust

MILITARY STANDARD

MS 53091 (MO)

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES:

SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2590-N/A

USER ACTIVITIES: ARMY-EL
REVIEW ACTIVITY:

This standard has been approved by the
Department of the Army and is a voluntary for use by
their activity. All other military activities are required
to employ this standard where suitable.

APPROVED 15 APRIL 1965 REVISED (A) 27 AUG 81