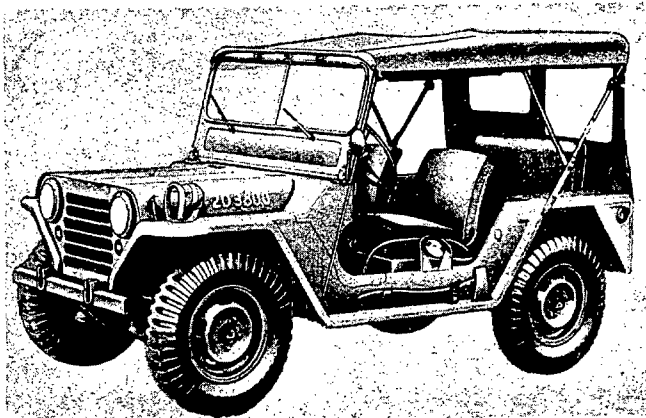
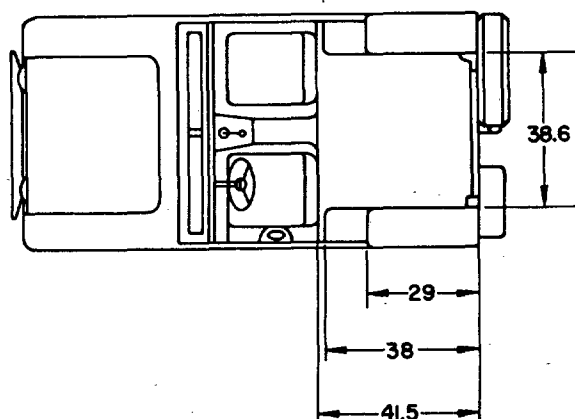
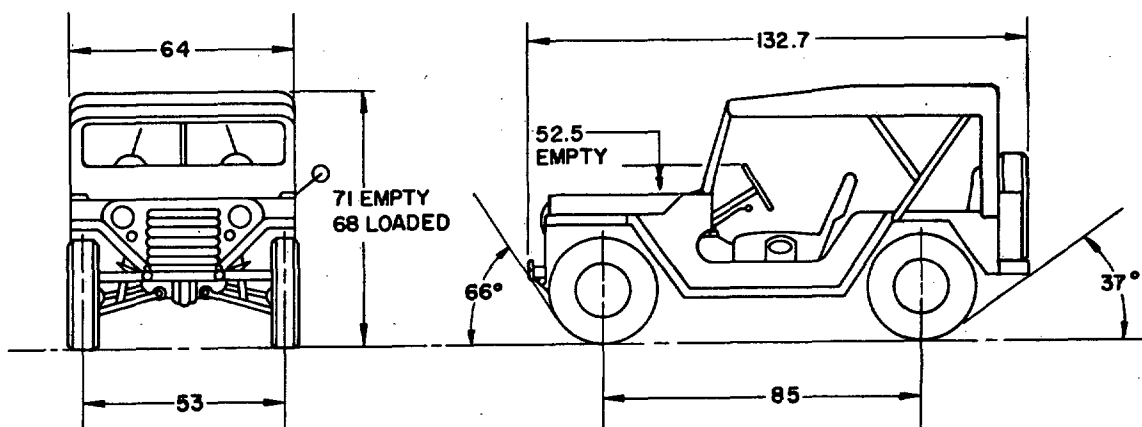


FED. SUP CLASS  
2320

REVIEW ACTIVITIES:  
USER ACTIVITIES: ARMY , ME: NAVY-YD



DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR ENGINEERING REFERENCE ONLY.

CERTAIN PROVISIONS OF THIS STANDARD, IDENTIFIED BY AN ASTERISK (\*) ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT NATO STANAG 2805-A (EDITION 3). WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.

(A) DENOTES CHANGES

P.A.  
ARMY-AT  
Other Cust  
NAVY-MC  
AF-99

International  
Interest

TITLE

TRUCK, UTILITY,  
1/4 TON, 4 X 4, 85 INCH WHEELBASE,  
MILITARY DESIGN, M151A1

PROCUREMENT SPECIFICATION  
MIL-T-4533I

SUPERSEDES:

MS PART NO. DRAWING NO.  
MS 500071 -1 8736678

MILITARY STANDARD

MS 500071

SHEET 1 OF 2

APPROVED 9 NOVEMBER 1966 REVISED (A) 22 March 1978

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

**VEHICLE CHARACTERISTICS**FED. SUP CLASS  
2320

**CURB WEIGHT:** 2400 LBS  
**PAYLOAD, CROSS COUNTRY** 800 LBS  
**PAYLOAD, HIGHWAY** 1200 LBS

	EMPTY	CROSS COUNTRY	HIGHWAY
FRONT AXLE	1340	1515	1550
REAR AXLE	1060	1685	2050
TOTAL	2400 LBS	3200 LBS	3600 LBS

**MAXIMUM TOWED LOAD:**  
**CROSS COUNTRY** 1070 LBS (A)  
**HIGHWAY** 1320 LBS  
 EMPTY, 350 CU FT REDUCED TO 260 CU FT  
 SHIPPING WEIGHT, DRY, 2300 LBS

**MINIMUM TURNING RADIUS:** WITHOUT WINCH  
 OVER BUMPER, 18 FT 6 1/4 IN.

\* **FORDING DEPTH:**  
 WITH KIT 60 IN.  
 WITHOUT KIT 21 IN.

**POWER PLANT ASSY:** INSTL 10884992  
 ENGINE, COMPLETE 8754411  
 FOUR CYLINDERS IN LINE  
 DISPLACEMENT, 141.5 CU IN., BORE 3.875  
 STROKE 3.00, COMPRESSION RATIO 7.5 TO 1  
 MAX GROSS HP 71, NET 61 @ 3600 RPM  
 MAX GROSS TORQUE 128, NET 119 LB FT @  
 1800 RPM

**RADIATOR AND CONNECTIONS ASSY:** 10921887  
 COOLING SYSTEM CAPACITY, 8.5 QTS  
 PUMP DRIVE, TWO V BELTS 7033756  
 FAN ENGINE COOLING, FOUR BLADE 8342323

**ELECTRICAL SYSTEM, ENGINE:** INSTL 8754602

**FUEL SYSTEM:** INSTL 8754605

**EXHAUST SYSTEM:** INSTL 8754719

**CLUTCH:** 8712372  
 CLUTCH DISC ASSY 10913204  
 PRESSURE PLATE ASSY, CLUTCH 8328265  
 BRAKE AND CLUTCH PEDAL ASSY, INSTL 8754747

**TRANSMISSION AND TRANSFER ASSY:** 7536199  
 TYPE, SYNCHROMESH  
 FORWARD SPEEDS: FOUR, REVERSE: ONE  
 FORWARD GEAR RATIOS: 1ST: 5.112, 2ND: 3.179  
 3RD: 1.674, 4TH: 1:1  
 REVERSE GEAR RATIO, 7.497:1

**TRANSFER TRANSMISSION CASE:** 10885542  
 GEAR RATIO, HIGH: 1:1, REVERSE: 1:1

**FRONT SUSPENSION ASSY:** 8754956  
 FRONT AXLE, RATIO: 4.86:1 7536140  
 FRONT SPRINGS, COIL TYPE 8754263  
 SHOCK ABSORBERS 7331161

**REAR SUSPENSION:** INSTL 8754708  
 REAR AXLE, RATIO: 4.86:1 7536140  
 REAR SPRINGS, COIL TYPE 8754445  
 SHOCK ABSORBERS, TWO 8359993

**FRAME:** UNIT WITH BODY REF 8754459  
 SIDE RAIL, 7.875 X 1.75 X .06 IN.  
 REAR CROSS MEMBER 7345054  
 FRONT BUMPER AND LIFTING HOOK 8754715  
 REAR BUMPERETTES AND LIFTING HOOK 8754711

**TIE DOWNS:** FOUR  
 LOCATION, 2 FRONT, 2 REAR

**WHEELS:** 10921860  
 SIZE, 16 X 4 1/2, 2 3/8 OFFSET

**TIRES:** 4 PLY, 6 PLY RATING  
 SIZE, 700 X 16 LW, TREAD: NDCC (A)

**BODY ASSY:** 8754459  
 FOLDING TOP INSTL 8754750  
 TIRE CARRIER INSTL 8754713  
 HOOD PANEL ASSY INSTL 8754718  
 STEERING GEAR INSTL 8754742  
 WINDSHIELD PANEL ASSY INSTL 8754710  
 REAR VIEW MIRROR INSTL 8754709  
 PIONEER EQUIPMENT INSTL 7345050  
 BRUSH GUARD ASSY 10885028  
 SPEEDOMETER ASSY 7760396  
 THROTTLE LINKAGE INSTL 8754716

**DRIVE LINES:** INSTL 8754743

**HAND BRAKE LEVER ASSY:** 10950843

**PINTLE:** INSTL 8754736  
 PINTLE HOOK MS 51335-2

**AIR AND HYDRAULIC:** INSTL 8754746  
 BRAKE SERVICE: ACTUATION, HYDRAULIC  
 DRUM SIZE: FRONT, 9 1/8 X 2  
 REAR, 9 1/8 X 2  
 BRAKE, PARKING 8754237  
 DRUM SIZE, 6 IN. DIA X 1 IN.

**ELECTRICAL SYSTEM:** INSTL 8754603  
 POTENTIAL, 24 VOLT  
 STARTING MOTOR 7017647  
 GENERATOR, 25 AMPS 7045798  
 BATTERIES: TWO, 12 VOLT-2HN MS 35000  
 COIL 8712399  
 REGULATOR 8360020; 8712283  
 LIGHTING, HEAD LAMPS 8741462  
 BLACKOUT DRIVING LAMP MS 51318-1  
 BLACKOUT MARKER LAMPS MS 51303-2  
 TRAILER COUPLING SOCKET 7345183

**REFLECTORS:**  
 RED, THREE MS 35387-1

**PERFORMANCE:**  
 FUEL TANK CAPACITY, 17 GALS  
 CRUISING RANGE, HIGHWAY 300 MILES  
 MAXIMUM SPEED, HIGHWAY 65 MPH

**SUPPLEMENTARY KIT DATA:**  
 DEEP WATER FORDING 7536098  
 100 AMP ALTERNATOR 10885596  
 HOT WATER HEATER, -25° F 10950750  
 WINTERIZATION, -65° F 8712420  
 HARDTOP 7535927  
 MACHINE GUN MOUNT 10885124  
 OVERLOAD SPRING 10921883  
 106 MM RIFLE MOUNT 8389422  
 RIFLE MOUNT, M14 8712407  
 DOOR AND SIDE CURTAIN (A) 10950781

☆U.S. GOVERNMENT PRINTING OFFICE: 1978-703-122/1721

APPROVED 9 NOVEMBER 1966 REVISED (A) FOR CHANGES SEE SHEETS 1 AND 2

P.A. Other Cust	International Interest	TITLE <b>TRUCK, UTILITY, 1/4 TON, 4 X 4, 85 INCH WHEELBASE, MILITARY DESIGN, M151A1</b>	<b>MILITARY STANDARD</b> <b>MS 500071</b>
PROCUREMENT SPECIFICATION		SUPERSEDES:	SHEET 2 OF 2