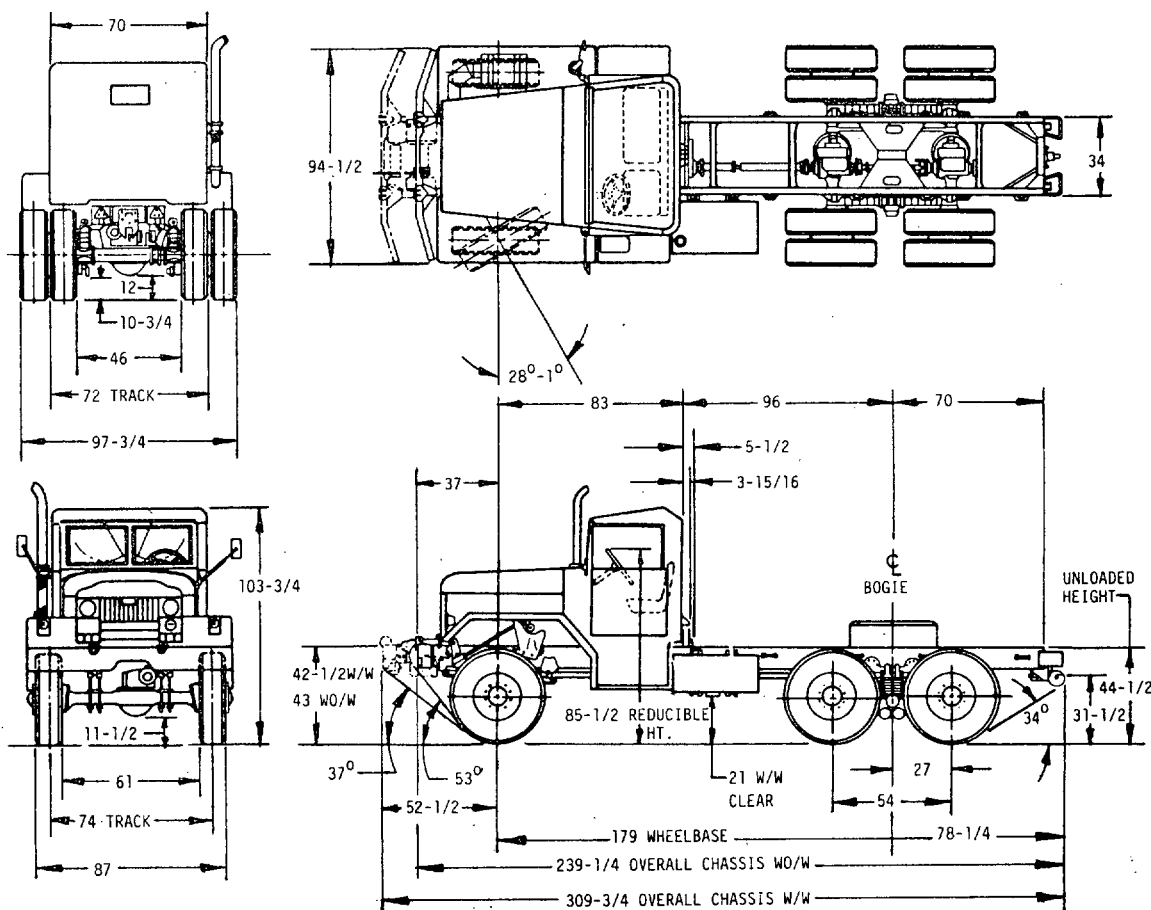


FED. SUP CLASS
2320



This military standard is approved for use by the US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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MS PART NO.	ENGINEERING DRAWING NO.	DESCRIPTION
MS500092 -1	8736512	WITH WINCH
MS500092 -2	8736511	LESS WINCH

APPROVED 27 MAY 1968 REVISED C 20 MAY 85

P.A. ARMY-AT Other Cust	TITLE CHASSIS, TRUCK, 5 TON, 6X6, 179 INCH WHEELBASE, M40A2	MS500092 873631 LESS WHICH MILITARY STANDARD MS500092(AT)
PROCUREMENT SPECIFICATION MIL-T-740	SUPERSEDES:	SHEET 1 OF 2

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VEHICLE CHARACTERISTICS		FED. SUP CLASS 2320
CURB WEIGHT: CHASSIS LESS PAYLOAD AND PERSONNEL		TIE DOWNS: "U" BOLTS SIXTEEN 10883223
W/W	WO/W	LOCATION, EIGHT EACH SIDE
FRONT AXLE 8570 LBS	7590 LBS	
REAR BOGIE 9180 LBS	9300 LBS	
17750 LBS	16890 LBS	
PAYLOAD: LOADED 12500		WHEELS: INC, RING MS53044-6
GROSS WEIGHT: FULLY EQUIPPED, BODY, PLUS PAYLOAD AND PERSONNEL		SIZE 20 X 7-1/2 OFFSET 6-11/16
W/W	WO/W	RING MS53045-3
FRONT AXLE 9930	8950	
REAR BOGIE 30870	30990	
TOTAL 40800	39940	
TOWED LOAD: LOADED 15000 LBS		MIRROR, REAR VIEW: ASSEMBLY 11611649
MINIMUM TURNING RADIUS: OVER BUMPER		REAR VIEW MIRROR, RH 11611649-1
WITH WINCH 500 IN		REAR VIEW MIRROR, LH 11611649-2
WITHOUT WINCH 494 IN		
FORDING DEPTH		TIRES: TEN PLUS ONE SPARE MS35388-21
WITH KIT 78 INCHES		SIZE 11 X 20 12-PLY
WITHOUT KIT 30 INCHES		TREAD NDCC
POWER PLANT: INST'N 10938275-1		TUBES: ZZ-1-550E/G2/11.00-20.00/
ENGINE LDS465-1A 10951400		TR78A/ON CTR
SIX CYLINDERS IN LINE		MISCELLANEOUS EQUIPMENT:
DISPLACEMENT 478 CU IN		CAB INST'N 10883240-1
BORE 4.56 STROKE 4.87		CAB ASSEMBLY, SOFT TOP 10883174-1
COMPRESSION RATIO 22:1		TRUCK FRONT END INST'N 10938339
GOVERNED SPEED 2800 RPM		STEERING 8728230 INST'N 8758369
MAXIMUM GROSS H P 210 NET 198 @ 2800 RPM		RUNNING BOARD AND BATTERY BOX INST'N 10883279
MAXIMUM GROSS TORQUE 450 NET 440 @ 2000 RPM		RUNNING BOARD AND TOOL BOX INST'N 10871471-8
COOLING SYSTEM CAPACITY 38 QTS		INSTRUMENT PANEL INST'N 10938210-9
PUMP DRIVE TWO V BELTS		TACHOMETER INST'N 10938366
FAN, ENGINE COOLING SIX BLADE		SPEEDOMETER INST'N 10883378
FUEL TANK INST'N 10938398		THROTTLE LINKAGE INST'N 10938349-1
EXHAUST SYSTEM INST'N 11593176		AIR CLEANER INST'N 10938336
CLUTCH 8675958		PROPELLER SHAFT INST'N 10883412
CLUTCH INST'N 10871497		"HI-DEFLEC." SEAT INST'N 11593200
RADIATOR THICKNESS 2.88		
TRANSMISSION ASSEMBLY: W/W 8333627		PINTLE: INST'N 10883506
TYPE SYNCHROMESH		PINTLE HOOK 30,000 LBS MS51117-1
FORWARD SPEEDS, FIVE REVERSE, ONE		AIR AND HYDRAULIC TUBING INST'N 10938410-1
GEAR RATIOS: 7.31, 4.09, 2.41, 1.44, 1.00		
REVERSE 7.33		BRAKE, SERVICE DRUM: 7409394
TRANSFER TRANSMISSION: INST'N 10899367		DRUM SIZE 16-1/2 X 5-1/2
TRANSFER TRANSMISSION WO/PTO 7748580		BRAKE, PARKING: CONTROL INST'N 11608801-1
GEAR RATIO: HIGH 1.00:1 LOW 2.024:1		DRUM SIZE 14 X 3
FRONT SUSPENSION INST'N 10871261		ELECTRICAL SYSTEM: INST'N 10938386-2
FRONT AXLE 7346805		WIRING
FRONT SPRINGS 7409345		POTENTIAL 24 VOLT 10911018-1
SHOCK ABSORBERS 7409617		STARTING MOTOR 10911018-1
		BATTERIES TWO 12 VOLT 6TN MS35000-4
		ALTERNATOR, 60 AMPS 10929868
		LIGHTING, HEAD LAMPS 8741462
		BLACK OUT DRIVING LAMP MS51318-1
		COMPOSITE LIGHT, TAIL MS52125
		COMPOSITE LIGHT, FRONT MS52126
REAR SUSPENSION: INST'N 10883209		TRAILER COUPLING SOCKET: 7731429
REAR AXLE ASSEMBLY TWO 8327007		
REAR SPRINGS TWO 7409613		REFLECTORS: RED MS35387-1
TORQUE ROD ASSEMBLY SIX 8728126		AMBER MS35387-2
FRAME ASSEMBLY: 10938415		PERFORMANCE:
SIDE RAIL 9 X 3 X 5/16		FUEL TANK CAPACITY 78 GAL
SECTION MODULUS 10.7 INCHES ³		FUEL MPG CRUISING RANGE
FRONT BUMPER AND LIFTING SHACKLES		DIESEL 5.3 350 MILES
W/W 10883120	WO/W 10883138	CIE 4.83 319 MILES
REAR BUMPER AND LIFTING SHACKLES 10883121		GASOLINE 4.39 290 MILES
WINCH: 7412382 10871078		
WINCH CAPACITY 20,000 LBS MS51353-1		
NOTES:		
1. DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR ENGINEERING REFERENCE ONLY.		
2. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.		
3. THIS VEHICLE SHALL BE IN ACCORDANCE WITH REFERENCED ENGINEERING DRAWINGS, COPIES OF WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICH. 49090.		
*4. SUBJECT OF NATO STANAG 2805-A(EDITION 3). DO NOT REVISE OR CHANGE.		
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P. A. ARMY-AT	TITLE CHASSIS, TRUCK, 5 TON, 6X6.	MILITARY STANDARD
Other Cust	179 INCH WHEELBASE, M40A2	MS500092(AT)
PROCUREMENT SPECIFICATION MIL-T-740	SUPERSEDES:	SHEET 2 OF 2