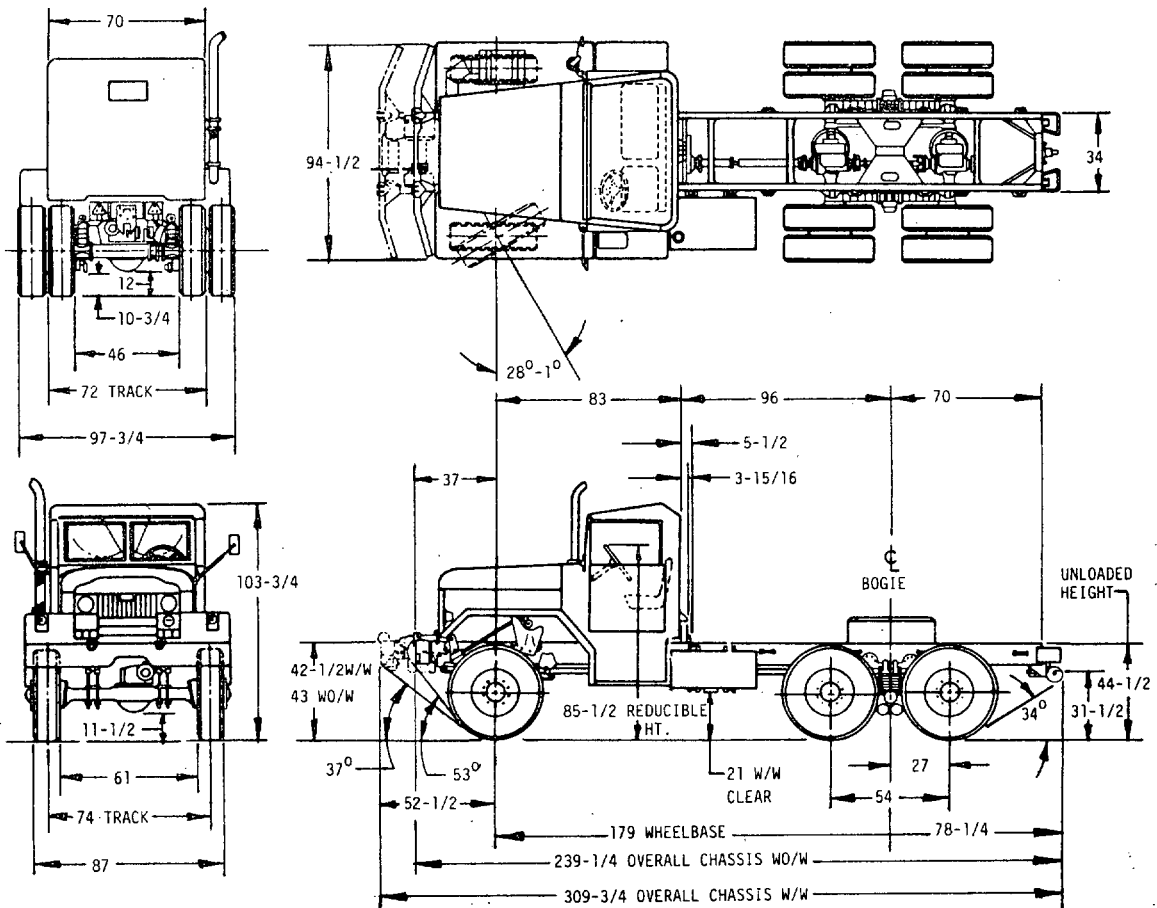


FED. SUP CLASS
2320

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

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

DD FORM 1 SEP 57 672-1 LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 27 MAY 1968 REVISED C 20 MAY 85

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VEHICLE CHARACTERISTICS		FED. SUP CLASS 2320									
CURB WEIGHT: CHASSIS LESS PAYLOAD AND PERSONNEL W/W W/O/W FRONT AXLE 8570 LBS 7590 LBS REAR BOGIE 9180 LBS 9300 LBS TOTAL 17750 LBS 16890 LBS		TIE DOWNS: "U" BOLTS SIXTEEN 10883223 LOCATION, EIGHT EACH SIDE									
PAYLOAD: LOADED 12500 GROSS WEIGHT: FULLY EQUIPPED, BODY, PLUS PAYLOAD AND PERSONNEL W/W W/O/W FRONT AXLE 9930 8950 REAR BOGIE 30870 30990 TOTAL 40800 39940		WHEELS: INC, RING MS53044-6 SIZE 20 X 7-1/2 OFFSET 6-11/16 RING MS53045-3									
TOWED LOAD: LOADED 15000 LBS MINIMUM TURNING RADIUS: OVER BUMPER WITH WINCH 500 IN WITHOUT WINCH 494 IN		MIRROR, REAR VIEW: ASSEMBLY 11611649 REAR VIEW MIRROR, RH 11611649-1 REAR VIEW MIRROR, LH 11611649-2									
FORDING DEPTH WITH KIT 78 INCHES WITHOUT KIT 30 INCHES		TIRES: TEN PLUS ONE SPARE MS35388-21 SIZE 11 X 20 12-PLY TREAD NDCC									
POWER PLANT: INST'N 10938275-1 ENGINE LDS465-1A 10951400 SIX CYLINDERS IN LINE DISPLACEMENT 478 CU IN BORE 4.56 STROKE 4.87 COMPRESSION RATIO 22:1 GOVERNED SPEED 2800 RPM MAXIMUM GROSS H P 210 NET 198 @ 2800 RPM MAXIMUM GROSS TORQUE 450 NET 440 @ 2000 RPM COOLING SYSTEM CAPACITY 38 QTS PUMP DRIVE TWO V BELTS FAN, ENGINE COOLING SIX BLADE FUEL TANK INST'N 10938398 EXHAUST SYSTEM INST'N 11593176 CLUTCH 8675958 CLUTCH INST'N 10871497 RADIATOR THICKNESS 2.88		TUBES: ZZ-1-550E/G2/11.00-20.00/ TR78A/ON CTR MISCELLANEOUS EQUIPMENT: CAB INST'N 10883240-1 CAB ASSEMBLY, SOFT TOP 10883174-1 TRUCK FRONT END INST'N 10938339 STEERING 8728230 INST'N 8758369 RUNNING BOARD AND BATTERY BOX INST'N 10883279 RUNNING BOARD AND TOOL BOX INST'N 10871471-8 INSTRUMENT PANEL INST'N 10938210-9 TACHOMETER INST'N 10938366 SPEEDOMETER INST'N 10883378 THROTTLE LINKAGE INST'N 10938349-1 AIR CLEANER INST'N 10938336 PROPELLER SHAFT INST'N 10883412 "HI-DEFLEC." SEAT INST'N 11593200									
TRANSMISSION ASSEMBLY: W/W 8333627 TYPE SYNCHROMESH FORWARD SPEEDS, FIVE REVERSE, ONE GEAR RATIOS: 7.31, 4.09, 2.41, 1.44, 1.00 REVERSE 7.33		PINTLE: INST'N 10883506 PINTLE HOOK 30,000 LBS MS51117-1									
TRANSFER TRANSMISSION: INST'N 10899367 TRANSFER TRANSMISSION W/O PTO 7748580 GEAR RATIO: HIGH 1.00:1 LOW 2.024:1		AIR AND HYDRAULIC TUBING INST'N 10938410-1									
FRONT SUSPENSION INST'N 10871261 FRONT AXLE 7346805 FRONT SPRINGS 7409345 SHOCK ABSORBERS 7409617		BRAKE, SERVICE DRUM: 7409394 DRUM SIZE 16-1/2 X 5-1/2									
REAR SUSPENSION: INST'N 10883209 REAR AXLE ASSEMBLY TWO 8327007 REAR SPRINGS TWO 7409613 TORQUE ROD ASSEMBLY SIX 8728126		BRAKE, PARKING: CONTROL INST'N 11608801-1 DRUM SIZE 14 X 3									
FRAME ASSEMBLY: 10938415 SIDE RAIL 9 X 3 X 5/16 SECTION MODULUS 10.7 INCHES ³ FRONT BUMPER AND LIFTING SHACKLES W/W W/O/W 10883120 10883138 REAR BUMPER AND LIFTING SHACKLES 10883121		ELECTRICAL SYSTEM: WIRING INST'N 10938386-2 POTENTIAL 24 VOLT 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									
WINCH: 7412382 10871078 WINCH CAPACITY 20,000 LBS MS51353-1		TRAILER COUPLING SOCKET: 7731429									
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.		REFLECTORS: RED MS35387-1 AMBER MS35387-2									
© ENTIRE STANDARD REVISED		PERFORMANCE: FUEL TANK CAPACITY 78 GAL FUEL MPG CRUISING RANGE DIESEL 5.3 350 MILES CIE 4.83 319 MILES GASOLINE 4.39 290 MILES									
<table border="1"> <thead> <tr> <th>MS PART NO.</th> <th>ENGINEERING DRAWING NO.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>MS500092 -1</td> <td>8736512</td> <td>WITH WINCH</td> </tr> <tr> <td>MS500092 -2</td> <td>8736511</td> <td>LESS WINCH</td> </tr> </tbody> </table>			MS PART NO.	ENGINEERING DRAWING NO.	DESCRIPTION	MS500092 -1	8736512	WITH WINCH	MS500092 -2	8736511	LESS WINCH
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