

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.

© ENTIRE STANDARD REVISED

| MS PART NO. | ENGINEERING DRAWING NO. | DESCRIPTION |
|-------------|----------------------------|-------------|
| MS500053-1 | 8736589 | WITH WINCH |
| MS500053-2 | 8736598 | LESS WINCH |

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|--|--|---------------------------|---|-------------------------------------|-----------------------------------|
| P. A. ARMY-AT Other Cust | | INTERNATIONAL INTEREST | TITLE TRUCK, DUMP, MULTIFUEL ENGINE, 2-1/2 TON, 6X6, 154 INCH WHEELBASE, MILITARY DESIGN, M342A2 | MS500053-2 8736598 LESS WINCH | MILITARY STANDARD MS500053(AT) |
| PROCUREMENT SPECIFICATION MIL-T-46780 | | SUPERSEDES: | | SHEET 1 OF 2 | |

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| APPROVED | 9 JUNE 1966 | REVISED | ③ 6 | MAY 85 |
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FED. SUP CLASS
2320

VEHICLE CHARACTERISTICS

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| CHASSIS: M45A2G W/W 8736602 | W/W 8736604 | FRONT SUSPENSION: INST'N FRONT AXLE FRONT SPRINGS, 2 SHOCK ABSORBERS, 2 | 10872040 7521734-1 11601335 7539007 |
| CURB WEIGHT: FULLY EQUIPPED LESS PAY- AND CREW. | | REAR SUSPENSION: INST'N REAR AXLE, 2 REAR SPRINGS, 2 TORQUE ROD ASSY., 6 | 8757834 7368511 7368629 8757685 |
| W/W FRONT AXLE 6255 REAR AXLE 9000 TOTAL 15255 | W/W 6910 8865 15775 | TIE DOWNS: W/WINCH 16 12 U-BOLTS LOCATION: 6, EACH SIDE 2, FRONT SHACKLES 2, REAR SHACKLES | 11647735 12301040 7539662 |
| PAYLOAD: LOADED | W/W 5000 | MIRROR ASSY.: INST'N WHEELS: TEN, PLUS ONE SPARE SIZE: 7-1/2 X 20 OFFSET 6-3/16 | 10937793 MS53044-5 |
| GROSS VEHICLE WEIGHT: FULLY EQUIPPED HIGHWAY, PLUS PAYLOAD AND CREW (400 LBS.) | | TIRES: TEN PLUS ONE SPARE SIZE: 9.00 X 20, 8 PLY, NDCC | MIL-T-12459 |
| W/W FRONT AXLE 6320 REAR BOGIE 13935 TOTAL 20255 | W/W 6975 13800 20775 | TUBES: GRP 2 9.00 X 20 CARRIER, SPARE TIRE: INST'N CAB ASSEMBLY: SOFT TOP INST'N DUMP BODY: INST'N PUMP DRIVE AND CAB CONTROLS: DUMP BODY BODY ASSEMBLY: INST'N COMPL. DUMP, 2-1/2 CUBIC YD. CAPACITY PROTECTOR ASSEMBLY: DUMP BODY CAB GENERAL: HOOD & FENDER STEERING: RUNNING BOARD AND BATTERY BOX: INST'N RUNNING BOARD AND TOOL BOX: INST'N INSTRUMENT PANEL: INST'N TACHOMETER: INST'N SPEEDOMETER: INST'N THROTTLE LINKAGE: INST'N AIR CLEANER: INST'N PROPELLER SHAFT: INST'N | 22-1-550 8345256 10896757 1Q871051-1 10871713 10871710 10871711 11609237-2 10897162 10871540 10871541 10937458 10896303 10937442 10896671-1 10896886-1 10871516 |
| TOWED LOAD MAXIMUM: LOADED | | W/KIT 72 IN. W/KIT 30 IN. | |
| (REFERENCED WEIGHTS ARE FOR INFORMAT- ION ONLY.) | | ENGINE: COMPLETE MODEL: LD 465-1, MULTIFUEL NO. OF CYLINDERS: SIX IN LINE | 11642105 |
| FORDING DEPTH: | | FAN: ENGINE COOLING FUEL SYSTEM: INST'N EXHAUST SYSTEM: INST'N CLUTCH: INST'N TRANSMISSION ASSY.: TYPE: SYNCHROMESH FORWARD SPEEDS: 5; REVERSE: 1 | 11641747 10897080 11677097 8757745 10896440 |
| TRANSFER TRANSMISSION: INST'N ASSY GEAR RATIO: HIGH 1:1 LOW 1.98:1 | | FRAME ASSY, CHASSIS: | 10937636-1 11609224 11609275 |
| HOIST AND SUBFRAME ASSY.: DUMP BODY INST'N | | ELECTRICAL SYSTEM: INST'N POTENTIAL: 24 VOLTS BATTERIES: 2, 12 VOLT, 6TN REFLECTORS: 4, RED 4, AMBER BRAKE: SERVICE ACTUATION: AIR/HYDRAULIC PARKING BRAKE CONTROL: INST'N | 10871712-1 10897073 MS35000-4 MS35387-1 MS35387-2 11609817 |
| PERFORMANCE: LOADED CRUISING RANGE: HIGHWAY MAXIMUM SPEED: HIGHWAY | | MISCELLANEOUS EQUIPMENT: TROOP SEAT AND COVER KIT FORDING KIT CLOSURE, HARDTOP | 275 MILES 56 MPH 5703488 10937874-3 7085350 |

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 WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICH. 48090.

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| PROCUREMENT SPECIFICATION MIL-T-46780 | SUPERSEDES: | SHEET 2 OF 2 | |

DD FORM 672-1 LIMITED COORDINATION
MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USER ACTIVITIES

REVIEWER ACTIVITIES

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APPROVED 9 JUNE 1966 REVISED 6 MAY 85