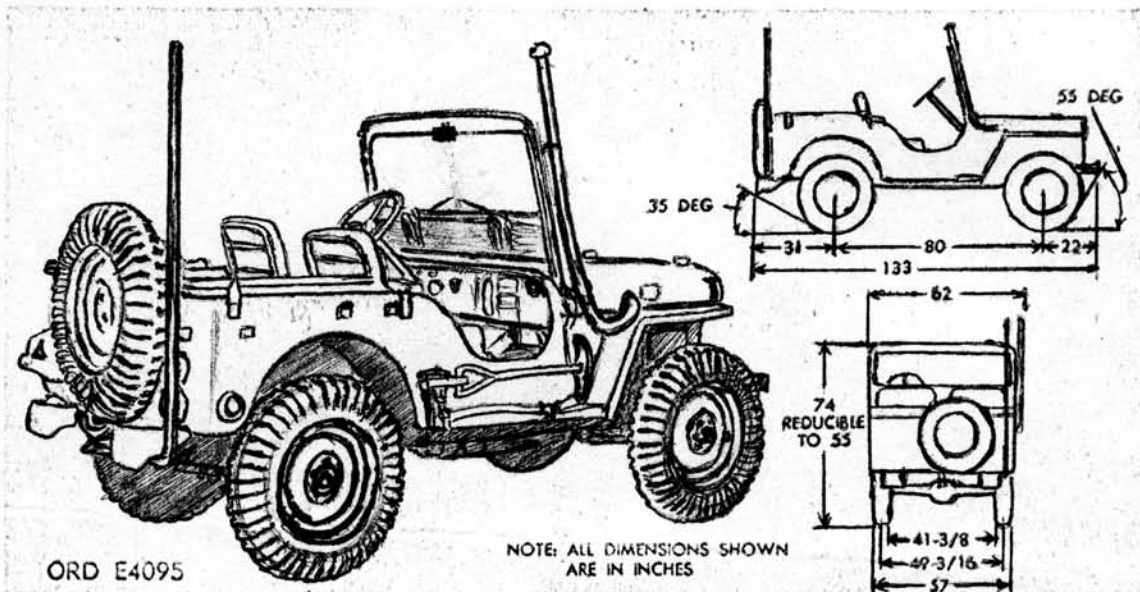


TRUCK, UTILITY: 1/4-TON 4 X 4 M38, W/E



Major item

Model	Line item No.	Federal stock No.
M38, w/winch	4-61791-30	2320-835-8317
M38, w/o winch	4-61700-30	2320-835-8318

General

TRUCK, UTILITY: 1/4-ton, 4 x 4, M38, w/e, is equipped with one front axle and one rear axle, with four driving wheels. The design of this vehicle locates the four-cylinder gasoline engine forward of the driving compartment under the hood, and provides a four-passenger open-type body.

The vehicle is used as a general purpose personnel or cargo carrier especially designed for adaptation to general reconnaissance, command, communications, or other special duties.

The spare wheel and tire are mounted on the rear of the body. Power for the vehicle is supplied by 4-cylinder gasoline engine, mounted on cushion mounts on the frame.

The conventional three-speed, selective-gear transmission is mounted directly to the rear of the engine and clutch assemblies.

Current is generated by a 24-volt, belt-driven generator, and stored in two 12-volt storage batteries.

The vehicle uses military nondirectional mud and snow tires.

Differences among models

Data plate location: The identification plate is located on the instrument panel at the right of the instrument cluster.

Classification: Standard C (OTCM 37107).

CHARACTERISTICS

Crew	2
Passengers (including crew)	4
Weight:	
Net	2,750 lb
Payload:	
Off highway	800 lb
On highway	1,200 lb
Gross:	
Off highway	3,550 lb
On highway	3,950 lb
Live-axle gear ratio	5.38:1
Axle load:	
Empty:	
Front	1,482 lb
Rear	1,268 lb

Loaded:

Off highway:	
Front	1,595 lb
Rear	1,955 lb
On highway:	
Front	1,595 lb
Rear	2,355 lb

Tires:

Size	7:00 x 16
Ply	6

Pressure:

Highway	25 psi
Cross-country	25 psi
Sand, mud, or snow	10 psi
Off highway	25 psi

Tread, center-to-center, front	49 1/4 in.
Ground clearance (minimum, rear axle)	9 1/4 in.
Pintle height, (rear) empty	20 in.
Fuel octane rating	68

Capacities:

Fuel	13 gal
Cooling system	11 1/2 qt
Crankcase, refill	4 qt
Transmission	2 pt
Transfer	3 pt
Axles:	
Front	1 1/4 qt
Rear	1 3/4 qt
Winch:	
Oil capacity	2 pt
Load capacity	3,500 lb

Electrical system:

Potential	24 volts
Number of batteries	2 (12 volt)
Type of ground	negative

Brakes:

Manufacturer	Wagner-Lockheed
Type	hydraulic
Parking brake, type	transmission

Engine:

Manufacturer	Willys Model MC
Type	L-head, 4-cycle
Number of cylinders	(in line) 4
Displacement	134.2 cu in.
Bore	3.125 in.
Stroke	4.375
Compression ratio	6.48:1