for a four-wheel drive light field car with an all-up column-mounted gearshift of the MA and the use weight of 1300 lbs. 135 firms were invited to weight of 100 lbs. 153 firms were invited to submit prototypes and tenders for 70 pre-production vehicles. Of the three companies that to illuminate the engine for night repairs. Designation

Toledo, Ohio delivered their prototype Quad, production of the Model MB under the destination followed twelve days later by the prototype Pygmy Model GPW. All parts on both models were interfrom Ford Motor Co. Detroit, Michigan, None of changeable and the two vehicles were virtually the three companies had managed to produce a vehicle within the required weight limit. The vehicles were field-tested during Army manoeuvres When this feature was dropped the Willys MB at Cam Holabird, Maryland during the winter of '40-41. Following the Army trials, the three companies each received an order for a further 1500 verted U-section cross-member

as follows: Bantam 40BRC, Willys-Overland Model MA, and Ford Model GP. After intensive production with Willy Miles May 100. By that time, Willys had turned out over 361.000 Model MB's and Ford a total of nearly 278.000 Model GPW's. evaluation, the Willys MA was selected for mass-production. It had the best engine - the Willys 4-plants around the world, notably France, where cylinder 54bhp side-valve "Go-Devil", and Willy's

Command Reconnaissance Truck is probably the willys got their first order for 16.000 vehicles. The modifications required by the US Army in-In mid-1940, the US Army issued a specification cluded a floor-mounted gear shift instead of the responded, only the Bantam Car Co. of Butler, Pennsylvania was able to produce a prototype car within the set time limit of 49 days.

This matter the engine are engine of ringht repairs. Designated the Willys Model MB, the production version was essentially a coumpound of the Bantam and Ford body powered by the Willys engine.

On the 11th November 1940, Willys-Overland of In early 1942, the Ford Motor Co. began coidentical. Early production models had the Willys

modified vehicles.

Production terminated in 1945 following the end of World War Two. By that turned of World War Two. By that turned with the condition of World War Two. By that turned with the condition of World War Two.

Hotchkiss-Willys began licensed production of the

(Vehicule de Liason Tout Terrain) the Hotchkiss Jeep has different wheels, carburettor and electrical systems, and reinforced suspension but was outwardly almost identical with the original MB. All parts were interchangeable. Some 40.000 Jeeps were built by Hotchkiss before production ended in 1969.

From 1941 onwards, the Jeep rapidly replaced the solo motorcycle and sidecar combinations in all units of the Army, Air Force, Marine Corps and Navy shore-stations. Military police detachments however continued to use the motorcycle for traffic control and conwoy duties. In combat areas, the Jeep was primarily used in the reconnaissance nunications role, and as front-line ampartment.

In the combat role, the Jeep could be armed with a pintle-mounted Cal.30 or Cal.50 Browning machine gun. A base plate was fitted centrally behind the front seats for an M31 Pedestal Truck Mount. An M48 (Infantry) Machine Gun Mount could also be mounted on the dash to take the Cal.30. A pedestal mount was sometimes attached to the outside of the vehicle ahead of the passenger seat. Leather or canvas weapon buckets for Cal.30 rifles or carbines could be carried strapped to the outside of the vehicle and a rifle carrier could be fitted inside, across the bottom of zhe windshield. The rifle carrier, with an M1

carbine clipped inside is shown in position in the drawing below. In actual practice, the armament carried varied enormously as individual units introduced their own field modifications which were often influenced by local combat conditions and equipment avialability. The Jeeps operated by the brithish SAS in North Africa, Italy and France, with their various combinations of Cal.30 drum-fed Vickers K guns, Cal.30 and Cal.50 aircraft machine guns are a prime example of "non-standard" jeeps.

A radio receiver/transmitter with telephone-type handset (SCR/509 or 510) could be carried on a shock mounting on top of the wheel arch immediately behind the driver's seat. The mast bracket carrying the 2 or 3-section aerial was mounted on the outside of the vehicle in line with the radio set.

The -S suffix to the serial number indicates that the vehicle was fitted with supressor and could be utilised to carry radio equipment.

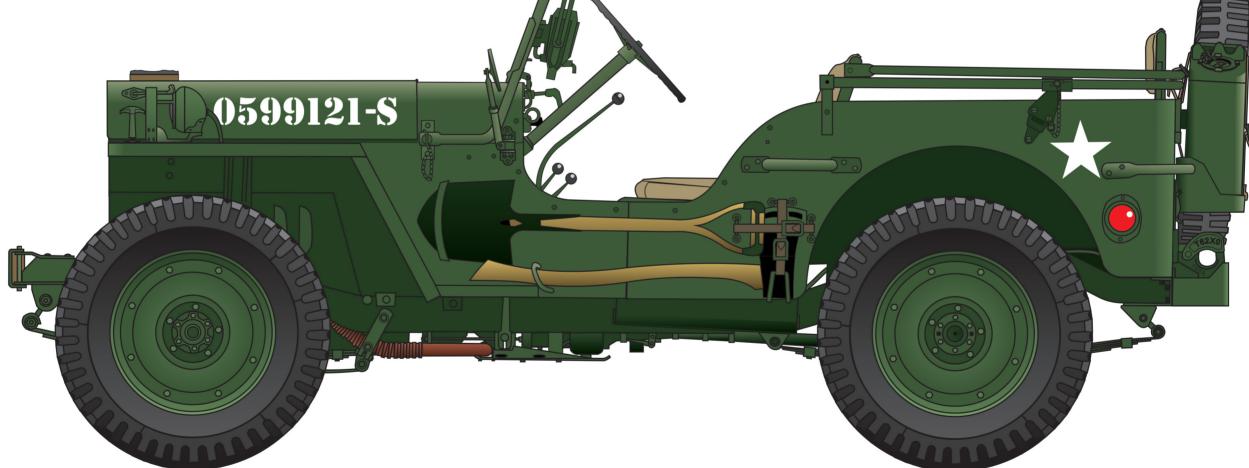
A pintle hook fitted between the rear bumpers enabled the Jeep to tow a standard Willys Model MB-T 1/4ton 2-wheel amphibious trailer with a payload of 500lb(226kg). The jeep was also used as a prime mover for the US 37mm AT gun and 75mm howitzer, and the 6-pdr British AT gun. These combinations were used extensively by US and British airborne units and could be carried in

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gliders. Using a tandem hitch, two jeeps could also be used to tow a 155mm howitzer.

Numerous official and unofficial modifications were made to the basic design to fit the Jeep for various specialist roles such as cable-laying Jeeps for the Signal Corps and a 10-seat LWB version for the US Coast Guard. There were also light-weight and half-track variants, an amphibious version of the Ford GPW - the Model GPA (Approximately 6.000 built), an adaptor kit was produced to enable the Jeep to run on railway lines, and with the aid of an autogyro attach-ment, the RAF managed to coax one into the air on the end of a tow-rope

Huge numbers of surplus World War Two Jeeps were supplied to the post-war armies of Western Europe and the Middle East, South America and Asia and French-built Hotchkiss-Willys MB's supplied to the armies of African nations. Ford GPW/Willys MB Jeeps stayed in service with the American armed forces until 1950 when they were replaced by militarised version of the post war civilian Willys CJ3A Universal Jeeps. Designated M38, this was superceded by the military Model M38A1 in 1952. In 1960, the Ford M151 Mutt went into quantity production and became the standard 1/4-ton 4x4 Truck, Utility for the US Army and Air Force.





TECHNICAL DATA WILLYS-OVERLAND MODEL MB FORD MODEL GPW 1/4- TON 4 x 4

Armament
Provision for one cal. -30 or cal.-50 machine

Df
Performance
Maximum speed on level 65mph/104kmh
with towed load 20mph/32kmh
Maximum grade ability 60%
with towed load
Angle of approach 45°
Angle of departure
Fording depth 18ins/45cm
Fording depth
Cruising range (approx.) 300 miles/482km
with towed load 260 miles/418km
Normal towed load (37mm gun carriage or
1/4-ton, 2-wheel, cargo trailer) 1000lb/453kg
Payload (including driver and
assistant)
Turning radius 17½ ft/5,33m

Radiator, Type Fin and tube Capacity of system 22 pints/12,5 litres	
Transmission Gear ratios 2.67:1 First speed 1.56:1 Second speed 1.56:1 Third speed 1.00:1 Reverse 3.55:1 Transfer case Gear ratio Low 1.97:1 High 1.00:1	
Differential, Gear ratio	
Steering ratio	

Brakes Type Internal Hydraulic Brakes, Parking, Type . External Contracting Front Axle, Type Full floating Rear Axle, Gear ratio4.88:1

