

Type: Car, Armored, 4x4 Nomenclature: **AEC Mk II**
Country: UK Date of Introduction: 1943

Physical Data:

Weight empty (est) 28000 lb (12712 kg)
Weight loaded 31200 lb (14164 kg)
Length (OA) 214 in (5430 mm)
Width (OA) 106 in (2700 mm)
Height (OA) 105.9 in (2690 mm)
Ground clr 12.6 in (320 mm)
Wheel base (est) 136.6 in (3470 mm)
Wheel tread 89.5 in (2273 mm)
Drive 4x2 or 4x4
Armor .63 in (30 mm)
NBC protection Individual

Armament:

Main – Cal (1) 6-Pdr (57 mm) cannon and (1) 7.92 mm BESA and (1) 7.7mm LMG

Elev & traverse Power or Manual
Fire control Optical
Aux wpns Crew side arms

Capacity:

Fuel 45.5 gal (173 liters)
Ammo/Qty 57mm (60 rds)
7.92mm (3374 rds)
7.7mm (600 rds)

Crew/Pass 4
Cargo Vol/Wgt n/a

Engine:

Type Diesel
HP at Rev/Min 158 hp (116.6 kW) @ 2000 rpm

Model 9.65 litre (AEC A197)
Mfr AEC
No. of Cyls 6
Location Rear
Cooling Liquid

Transmission:

Type Manual
Gear Fwd/Rev 4/1 w/2-spd transfer
Model unk
Mfr AEC

Suspension System:

Type Leaf spring
Steering Front axle
Turning radius 60 ft (18.3 m)
No/wheels 4
Tire Size unk

General Data:

Elec voltage 24V
Radio As fitted by user

Night Vision: as fitted by user

Performance:

Speed/Land 41 mph (66 km/h)
Speed/Water n/a
Range 250 mi (402 km)
Fording depth unk
Max grade unk
Trench unk
Step unk



Remarks: The AEC Mk II was much like the original Mk I, with two important differences; first, the turret was swapped out for a new unit mounting the Ordnance QF 6-pdr (57mm) cannon along with a coaxial BESA 7.92mm machinegun. Second, the engine power was increased from 105 to 158 horsepower engine. This was the same 9.65 litre diesel engine as used on the Valentine tank series. This indirect injection engine was fitted to the Mk II and Mk III for its improved acceleration at the expense of total fuel mileage. A dry plate clutch was used for the manual transmission while airbrakes were used to stop the heavy car in a reasonable distance.

Usage: British and Commonwealth forces.

Manufacturer: Associated Equipment Company, Ltd. London, UK.

Top: AEC Mk II with 6-pdr (57mm) cannon. Later vehicles had a small ring counter weight fitted to the end of the barrel. Above: An AEC MkII carrying the red/white/red Armoured Corps flash. Below: A Mk II showing the slim look of the 6-Pdr (57mm) cannon barrel. (Photos: Author's Collection)

