

Type: Car, Armored 4x4 Nomenclature: **Humber Armoured Car, Mark I**

Country: UK Date of Introduction: 1940

**Physical Data:**

**Weight empty** unk  
**Weight loaded** 15070 lb (6842 kg)  
**Length (OA)** 180 in (4572 mm)  
**Width (OA)** 86 in (2184 mm)  
**Height (OA)** 94 in (2388 mm)  
**Ground clr** unk  
**Wheel base** unk  
**Wheel tread** unk  
**Drive** 4x4  
**Armor** .59 in (15 mm)  
**NBC protection** Individual

**Armament:**

**Main – Cal** (1) 15mm BESA HMG  
**Elev & traverse** Manual  
**Fire control** Optical  
**Aux wpns** 7.92mm BESA coax

**Capacity:**

**Fuel** 36 gals (US)  
(136 liters) Gasoline

**Ammo/Qty** unk

**Crew/Pass** 3

**Cargo Vol/Wgt** n/a

**Engine:**

**Type** Water-cooled  
**HP at Rev/Min** 90 hp (66.4 kW)  
@ 3200 rpm

**Model** unk

**Mfr** Rootes

**No. of Cyls** 6-cyl in-line

**Location** Rear

**Cooling** Liquid

**Transmission:**

**Type** Manual

**Gear Fwd/Rev** 4/1 w/2-spd trnsf

**Model** unk

**Mfr** Rootes

**Suspension System:**

**Type** Leaf-spring

**Steering** Front axle

**Turning radius** unk

**No/wheels** 4

**Tire Size** unk

**General Data:**

**Elec voltage** unk

**Radio** As fitted by user

**Night Vision:** as fitted by user

**Performance:**

**Speed/Land** 45 mph (72.4 km/h)

**Speed/Water** n/a

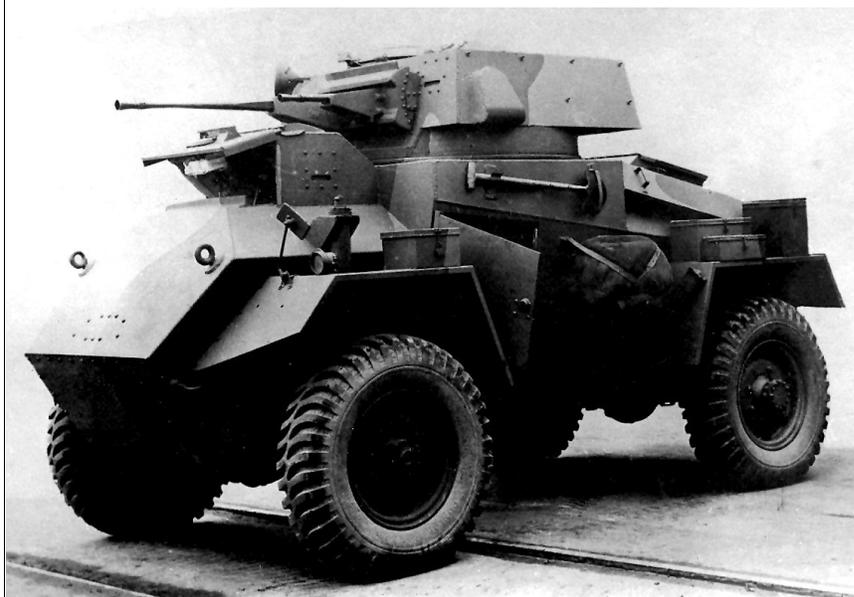
**Range** 250 mi (402 km)

**Fording depth** unk

**Max grade** unk

**Trench** unk

**Step** unk



Above: Two views of an early Humber Armored Car Mk I is the 15mm and 7.92mm BESAs instead of the twin Vickers machine guns mounted by the Armored Car Guy Mk I.

**Remarks:** When Guy Motors ceased production of the Guy Armored Car in 1940, work the series was picked up by Karrier Motors Ltd of the Rootes Group. In order to help avoid confusion with the various Commonwealth carriers then in service, Rootes officially transferred production to the Humber marque. The chassis of the new vehicle was based on the Karrier KT4 artillery tractor. A rear-engine design, the KT4 chassis used a 6-cylinder 4-liter gasoline engine producing 90 hp. The armored body of the Mark I was actually still made by Guy and so was nearly identical to their earlier vehicle. Evidently the 15mm BESA didn't turn out to be as much of an improvement as desired in that the weapon could only be fired in a single shot mode to have any hope of actually hitting the target.

**Usage:** Used by British, Commonwealth and Free Belgian units.

**Manufacturer:** Humber (Rootes Group), UK.