

Type: Carrier, Pers, Armd 4x4 Nomenclature: **Truck, Cargo, ¾-ton, 4x4, M37B1 (Armored)**  
 Country: US Date of Introduction: 1965

**Physical Data:**

Weight empty 6720 lb (3151 kg)  
 Weight loaded 7720 lb (3505 kg)  
 Length (OA) 189.5 in (4813 mm)  
 Width (OA) 72.75 in (1848 mm)  
 Height (OA) 89.5 in (2273 mm)  
 Ground clr 10.75 in (273 mm)  
 Wheel base 112 in (2845 mm)  
 Wheel tread 62 in (1575 mm)  
 Drive 4x4  
 Armor .25 in (6.35 mm)  
 NBC protection Individual

**Armament:**

Main – Cal (1) .50 cal HMB or  
 (1) 7.62mm LMG  
 Elev & traverse Manual  
 Fire control Optical  
 Aux wpns Crew side arms

**Capacity:**

Fuel Gas 24 gals  
 (91 liters)  
 Ammo/Qty n/a  
 Crew/Pass 2/4  
 Cargo Vol/Wgt 1000 lb (2205 kg)

**Engine:**

Type Gasoline  
 HP at Rev/Min 78 hp (57.6 kW)  
 @ 3200 rpm  
 Model T-245  
 Mfr Dodge  
 No. of Cyls 6  
 Location Front  
 Cooling Liquid

**Transmission:**

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

**Suspension System:**

Type Leaf spring  
 Steering Front axle  
 Turning radius 25 ft (7.6 m)  
 No/wheels 4  
 Tire Size 9.00x16

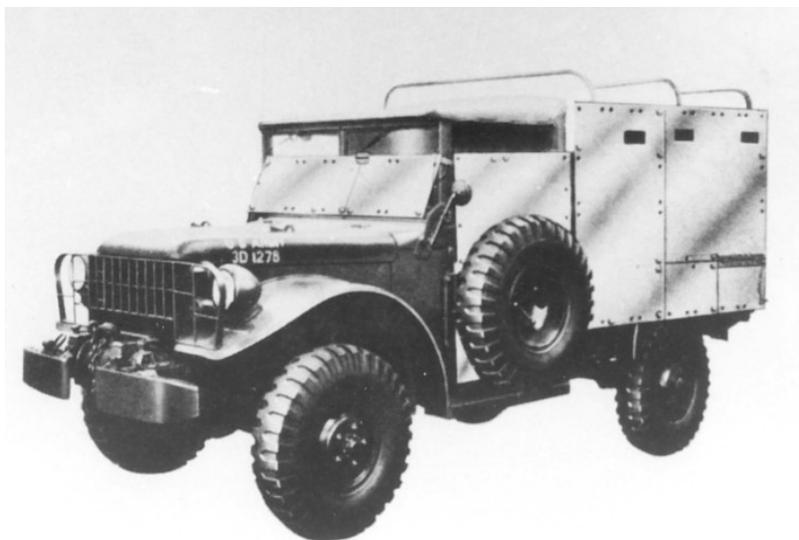
**General Data:**

Elec voltage 24V  
 Radio As fitted by user

**Night Vision:** as fitted by user

**Performance:**

Speed/Land 45 mph (72.5 km/h)  
 Speed/Water n/a  
 Range 225 mi (362 km)  
 Fording depth 63.5 in (1613 mm)  
 Max grade 65%  
 Trench unk  
 Step 18 in (457 mm)



**Remarks:** The standard medium weight load carrier for over 30 years (from 1950 to 1980), the M37 and M37B1 replaced the WWII WC-51 and were exported widely around the world. When studies in Vietnam showed that armor for troop carriers would be a plus, the Materials Research Agency recommended the use of .25 inch Titanium for the vehicles. Studies were made as to the level of protection needed and the perceived threat. The first shipment of armoring kits for the ¾-ton truck were made from a titanium alloy with 6% aluminum and 4% vanadium. Later high-hardness steel plate was used. From 1958 through 1968, almost 47,600 standard M37B1 series vehicles were produced.

Above: Standard M37B1 series ¾-ton trucks fitted with experimental armor kits. (Photos: Author's collection)

**Usage:** Used by the US and South Vietnam.

**Manufacturer:** Dodge Motors, USA.