

FV 13111 Truck, Tipper, 4T, GS, 4x4, Bedford RS

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This page details the Characteristics of the FV 13111 Truck, Tipper, 4T, GS, 4x4, Bedford RS. The vehicle is:

"A 4 wheel drive adaptation of the 7 tonne commercial chassis which has been modified to meet the User requirement for a 3 - 5 tonne tipper vehicle. The body is of all steel construction with a capacity of approximately 3.45 cu m (4.5 cu yds). A 2.5 tonne winch is fitted driven from the PTO on the transfer box and provision is made for rear and forward winching."

British Military Vehicles 1971

Cargo Area Cover A series of hoops is provided to support the canvas tarpaulin cover for the cargo area. Stowage is provided for the tarpaulin when not in use.

Manufacturer Chassis Vauxhall Motors Ltd, Luton, Beds Body Edbro Limited. Bolton FV Number
 Whole Equipment
 FV 13111
 Chassis FV9103 Body & Equipment FV9661 Dimensions Length 5740mm/226" Height (over tilt)
 3048mm/120" Width 2311mm/91" Wheelbase 3350mm/132" Track - Front
 1840mm/72.5" Track - Rear
 1710mm/67.25" Deck Length
 Deck Width
 Deck Height
 Weights GVW 10020kg/22400lb FAW 3670kg/8064lb RAW 7130kg/15680lb Unladen Weight
 Angles Approach Departure Breakover Performance Speed 75Km/h, 46.5mph
 Range 400km, 250 miles
 Side Slope
 Gradient >33% (1 in 3)
 Stop /Restart Solo >33% (1 in 3)
 Stop/Restart Towing
 Turning Circle 15.85m/52ft
 Vertical Step
 Gross Power/Weight Ratio
 9.5kW/t, 13bhp/ton
 Max Tractive Effort Low Gear
 5900 N/t, 1355 lbf/T Max Trailer Weight - Braked
 Max Trailer Weight - Unbraked Engine Manufacturer Bedford Type Bedford 300 cu in
 Displacement 4.93 litres
 Gross Power
 96.8kW/130bhp@3200rpm Nett Torque
 303Nm @ 1200rpm Speed Limiter?
 Yes Speed Limited to
 3200 rpm Ignition Type
 Coil, 12v Lubrication Wet Sump
 Engine Cooling
 Pressurised Fuel System
 Type Lift Pump (mechanical)
 Pump Manufacturer
 Air Cleaner
 Oil Bath
 Fuel Petrol Fuel Capacity
 118 Litres/26 Gal
 Gearbox Manufacturer Type 4 speed synchromesh and reverse
 Ratios 1st 2nd 3rd 4th 5th Electrical Generator
 Manufacturer Capacity 12 Volt, 297 Watt (max) Batteries Capacity 12 Volt, 80 amp/h Suppression
 FVRDE Spec 2051, App D1, Sched B
 Clutch Manufacturer Type Single Dry Plate
 Propeller Shafts
 Manufacturer Hardy Spicer

Transfer Box
Manufacturer Type2 Speed Transfer Box Ratios
1:1, 1:2 Axles Manufacturer Type Fully Floating
Ratios - Top
6.8:1 Ratios - Bottom
96.1:1 DifferentialsTwo Front
Rear
Differentials Manufacturer Front
Centre Rear Suspension FrontSemi-Elliptical RearSemi-Elliptical with helper springs
Shock Absorbers
Manufacturer
FrontDouble Acting Telescopic Centre
RearDouble Acting Telescopic
Brakes Manufacturer Actuation - Foot
Hydraulic Actuation - Hand
Manual on Rear Wheels only Front Rear Hand Trailer Air Pressure
Warning Device
Gauge SteeringSemi Irreversible worm and sector Wheels
Type 3 piece disc Arrangement Single front, twin rear Dimensions Front
Dimensions Rear Hole Pitch
Tyres Manufacturer Dimensions 11.00x20 Cross Country
Onboard Tyre Compressor?
Yes Compressor Capacity (Psi)
Radial/Cross Ply?
Towing Attachments Front Towing Eye Rear Hook WinchManufacturer
Type Rope Length
Capacity 2.5 ton
Drive PTO
Capacities Engine Oil
Gearbox Oil
Transfer Box Oil
Fuel Coolant Screenwash Support Publication:
EMER