

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

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 Sunday, 12 August 2007  
 Last Updated Saturday, 05 January 2008

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