

FV 13115 Truck, Recovery, Wheeled, Light, 3T, 4x4, Bedford RL

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This page details the Characteristics of the FV 13115 Truck, Recovery, Wheeled, Light, 3T, 4x4, Bedford RL. The vehicle is:

"A standard 3 Tonne 4x4 GS (Bedford) chassis adapted for use as a recovery vehicle. The equipment is designed for the recovery of all wheeled vehicles up to and including 3 tonne GS class. The jib has a maximum safe working load of 3 tonne at 2438mm radius, the hoist winch drive being taken from a PTO on the main gearbox and has a maximum first layer pull of 7 tonne. Provision is made for both front and rear winching.

With the assistance of a special sprag type earth anchor and two part tackle the winch can exert a maximum rear pull of 13 tonne or a side pull of 6 tonne.

The suspended tow hook capacity is 3 tonne."

British Military Vehicles 1971

Cupola A Cupola is fitted to the cab roof allowing a soldier to be posted as an air sentry. No provision is made for weapons to be fitted to this position.

Manufacturer ChassisVauxhall Motors Ltd, Luton, Beds Body Marshals of Cambridge
 FV Number
 Whole Equipment
 FV13115

Chassis FV9103 Body & Equipment

FV9223 Dimensions Length 7980mm/314" Height 2710mm/106.5" Width 2324mm/91.5" Wheelbase 3960mm/156" Track - Front 1860mm/73" Track - Rear 1710mm/67.25" Deck Length

Deck Width

Deck Height

Weights GVW 8130Kg/17920lb FAW RAW Unladen Weight

Angles Approach Departure Breakover Performance Speed80km/h, 50mph Range 400km, 250 miles

Side Slope

Gradient >33% (1 in 3)

Stop /Restart Solo >33% (1 in 3)

Stop/Restart Towing

Turning Circle 18.3m/60ft Verticle Step

Gross Power/Weight Ratio

11.9kW/t, 16.63bhp/ton

Max Tractive Effort Low Gear

7630 N/t, 1685 lbf/T Max Trailer Weight - Braked

Max Trailer Weight - Unbraked Engine Manufacturer Bedford Type Bedford 300 cu in OHV

Displacement 4.93 litres

Gross Power

96.8kW/130bhp@3200rpm Nett Torque

164Nm @ 1200rpm Speed Limiter?

Yes Speed Limited to

3200 rpm Ignition Type

Coil, 12v LubricationWet Sump

Engine Cooling

Pressurised Fuel System

Type Lift Pump

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 Type 2 Speed Transfer Box Ratios
 1:1, 1:2 Axles Manufacturer Type Fully Floating
 Ratios - Top
 6.8:1 Ratios - Bottom
 96.1:1 Differentials Two Front
 Centre
 Rear
 Differentials Manufacturer Front
 Centre Rear Suspension Front Semi-Elliptical Rear Semi-Elliptical Shock Absorbers
 Manufacturer
 Front Double Acting Telescopic Centre
 Rear Double Acting Telescopic
 Brakes Manufacturer Actuation - Foot
 Air/Hydraulic drum pattern all wheels
 Actuation - Hand
 Manual on Rear Wheels only Front Centre Rear Hand Trailer 2 line Air Pressure
 Warning Device
 Gauge Steering Semi Irreversible worm and sector Wheels
 3 Piece Disc
 Tyres Manufacturer Dimensions 9.00x20 Cross Country
 Onboard Tyre Compressor?
 Yes Compressor Capacity (Psi)
 Towing Attachments Front Towing Eye Rear Hook Winch Manufacturer
 Type Drive PTO from Transfer Box Rope Length
 Capacity

 Max first layer pull 7 Tonne

 With sprag and two part tackle -

 Max rear pull: 13 Tonne

 Side Pull: 6 Tonne Crane
 Manufacturer
 Type Reach 3 Tonne @ 2438mm
 Capacity

 Suspend Tow - 3 Tonne max Capacities Engine Oil
 Gearbox Oil
 Transfer Box Oil
 Fuel Coolant Screenwash Support Publication:
 EMER