

# FV3561 Trailer, Dummy Axle, Recovery, 10 - 30 Tonnes

Contributed by Pete Pikey  
 Saturday, 05 January 2008  
 Last Updated Saturday, 05 January 2008

This page details the Characteristics of FV3561 Trailer, Dummy Axle, Recovery, 10 - 30 Tonnes and is designed to facilitate the evacuation of casualties up to 30 tonnes, freeing dedicated Recovery assets for specialist tasks.

A small diesel engine drives the hydraulic winch used to organise the casualty into position. Its capacity is 10400kg. A small hand winch helps the operator place the towing A frame for connection to the casualty.

"The vehicle has a single unsprung axle fitted with twin wheels and tyres. The casualty is lifted by a jib pivoted on the axle, with a winch 4 fall reeving, and a lifting beam. The casualty is further located by an A Frame which incorporates a pivoting towing eye with automatic catch to facilitate coupling to the casualty. An integral hydraulic system is fitted, powered by a four stroke diesel engine, which operates the winch, moves the jib between lifting and travelling positions, and raises and lowers the dolly wheels. A hand winch is fitted for positioning the A Frame and towing beam."

British Military Vehicles 1971.

Manufacturer Chassis Rubery Owen  
 Body Thornycroft FV Number  
 Whole Equipment  
 FV  
 Chassis FV Body FV Dimensions Length 3.581m (141")  
 Height 3.302m (130")  
 Width 2.388m (94") Wheelbase 3.099m (122") (axle to towing eye)  
 Track - Front  
 Track - Rear  
 Deck Length  
 Deck Width  
 Deck Height  
 Weights GVW 13.37 tonnes (29568lb)  
 FAW RAW Unladen Weight  
 3.25 tonnes (7168lb)  
 Angles Approach Departure Breakover Performance Speed Range Side Slope  
 Gradient Stop /Restart Solo Stop/Restart Towing  
 Turning Circle Verticle Step  
 Gross Power/Weight Ratio  
 Max Tractive Effort Low Gear  
 Max Trailer Weight - Braked  
 Max Trailer Weight - Unbraked Engine Manufacturer Type Displacement Gross Power  
 Nett Torque  
 Speed Limiter?  
 Speed Limited to  
 Ignition Type  
 Lubrication Engine Cooling  
 Fuel System  
 Type Pump Manufacturer  
 Air Cleaner  
 Fuel Diesel  
 Fuel Capacity  
 Gearbox Manufacturer Type Ratios 1st 2nd 3rd 4th 5th Electrical Generator  
 Manufacturer Capacity Batteries Capacity Suppression  
 Clutch Manufacturer Type Propeller Shafts  
 Manufacturer Transfer Box  
 Manufacturer Type Transfer Box Ratios  
 Axles Manufacturer Type Ratios - Top  
 Ratios - Bottom  
 Differentials Manufacturer  
 Quantity Front  
 Centre  
 Rear

Differential Locks  
SuspensionFront  
Nil Centre  
Rear  
Shock Absorbers Manufacturer

Front Centre  
Rear Brakes  
Manufacturer  
Actuation - Foot Actuation - Hand Actuation - Trailer  
2 Line air pressure  
Front  
Centre Rear  
Hand  
Mechanical Trailer Warning Device - Tractor  
Warning Device - Trailer  
SteeringManufacturer  
Type Wheels Manufacturer Type B8.00x15, 3 piece  
Tyres Manufacturer Dimensions 10.00 x 15 14 ply rating  
Type (Radial/Cross ply)  
Accessories Onboard Tyre Compressor?  
No, by air line from tractor Compressor Capacity (Psi)  
Towing Attachments Front Nato EYE  
Rear WinchManufacturer  
Type Drive Max rope pull/speed  
Rope Length Recovery Hoist  
Manufacturer  
Type 4 Fall Reeving  
Reach Capacity10000kg  
SlewNot Available Maximum Hook Height  
Maximum Lift Max Lift of Hoist Cable  
Maximum Luff  
Nil  
Lift and Slew  
Capacities Engine Oil  
Gearbox Oil  
Transfer Box Oil  
Fuel Coolant Screenwash Support Publication:  
EMER