

B. W. MODELS.

UNIMOG 406-120, TRACTOR, WHEELED, AIRCRAFT SUPPORT.

The British Army has used numerous versions of the Unimog family over the years, particularly with the Berlin Garrison. This version of the vehicle is used, by the RAF in particular, as an aircraft towing vehicle on airfields and specifically in support of the Harrier force in the field. They are still currently in use.

GENERAL NOTES.

Please read all the instructions carefully before commencing assembly. Remove any flash and sprue marks from the pieces before starting. The model can be assembled using either Superglue, 5 minute epoxy adhesive or Low Melt Solder. The kit contains 36 pieces including a shaped acetate windscreen and a piece of acetate for glazing purposes. Below is a suggested sequence for assembly.

ASSEMBLY INSTRUCTIONS.

- 1). Take the chassis and identify the rear end. This has the 2 lower extensions fitted.
- 2). Attach the rear axle and propshaft unit into position on the underside of the chassis. The cut out sections in the spring units accepting the chassis side frames.
- 3). Attach the front propshaft to the offset mounting position on the front of the gearbox.
- 4). Take the front axle unit and locate it up underneath the chassis in the same manner as that used for the rear axle, with the propshaft locating onto the mounting point on the diff unit.
- 5). Fit the wheels to the axles, ensuring when located that all 4 wheels touch the ground. The tyres fitted to the wheels are "directional" so ensure that the tread points to the rear when on the ground.
- 6). The fuel tank fits to the right chassis side. The central strip on the rear of the tank locating between the 2 strips on the chassis side.
- 7). The battery box locates on the opposite side of the chassis, between the 2 vertical strips, the circular extension pointing to the rear.
- 8). Fit the rear tow bracket into position across the bottom of the lower rear chassis extensions.
- 9). Fit the towing socket into position centrally on the rear chassis cross member.
- 10). Fit the front towing subframe into position. It sits on the underside of the front of the chassis, with the front of the sub-frame level with the front of the chassis, and the towing bracket at the bottom.
- 11). Fit the front bumper into position centrally on the front of the chassis. The cut-out in the bumper uppermost.
- 12). Assemble the rear body using the floor, 2 sides, front wall and tailgate. There was an in service modification carried out which entailed the removal of the tailgate and its replacement with a wire mesh tailgate to enable the vehicle driver to view the towbar connection when towing aircraft. Details of the mesh tailgate are given at the end of the instructions. If it is wished to model the vehicle with this option, it can be done at this stage.
- 13). Fit the complete rear body onto the chassis, the front underbody mounting bracket

fitting onto the 2 raised chassis extensions.

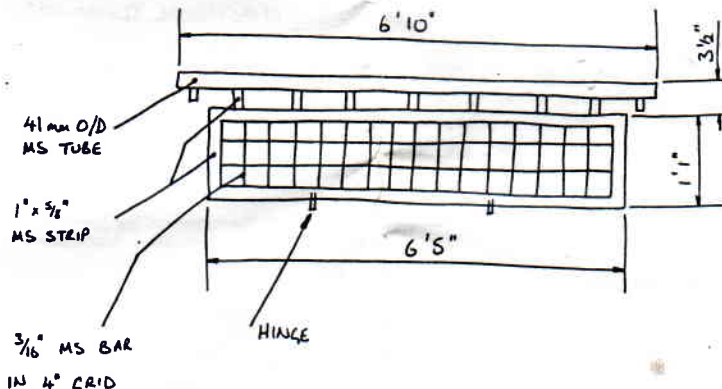
- 14). Glaze all the cab windows, and fit 2 quarter light pieces, one in each side window, see diagram at the end to show the correct location.
- 15). Fit the steering wheel to the steering column and locate into position on the floor underneath the dash panel
- 16). Locate the cab onto the floor unit, it just slips over the top of the floor unit.
- 17). Fit the cab rear wall into place, then sit the complete cab unit into position on the front of the chassis. The cut-out sections under the cab floor are where the front axle springs locate.
- 18). The rear mudguards can now be located into position. The 2 with the rear reflectors on the bottom are the rear most. The top of the mudguards locate against the under body ribs.
- 19). Fit the 2 light units into position centrally on the rear mudguards. The light unit with attached number plate going to the right hand rear of the vehicle (when looking from behind).
- 20). The 2 cab steps are located into position on the underside of the cab floor, immediately to the rear of the mudguards.
- 21). The air intake fits onto the left rear corner of the bonnet, with the tube running up the windscreen pillar.
- 22). The spare wheel can be fitted if required. It was carried on top of the battery box, or alternatively in the rear body or omitted altogether.

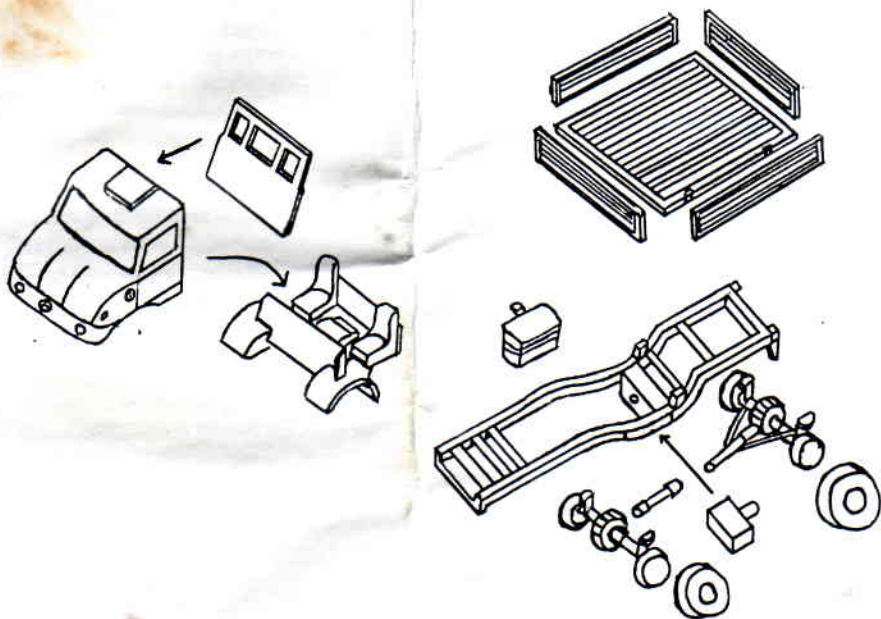
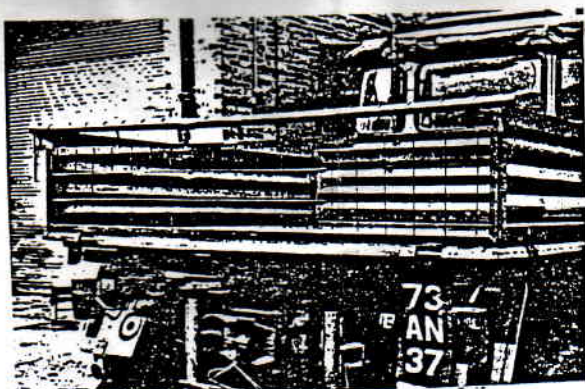
PARTS LIST.

Chassis.	Front axle.	Front propshaft.	Rear axle unit.
Front bumper.	Front towing unit.	Rear tow bracket.	Rear tow socket.
Fuel tank.	Battery box.	Wheel x 5.	Cab floor.
Cab shell.	Cab rear wall.	Body floor.	Body front wall.
Body side wall x 2.	Tailgate.	Rear mudguard x 2.	Forward mudguard x 2.
Rear light unit x 2.	Air intake.	Steering wheel.	Steering column.
Acetate windscreen.	Acetate.	Cab step x 2.	

REAR TAILGATE MODIFICATIONS.

This was an official modification introduced into use in 1986. It was designed to allow the aircraft towbar to be visible to the vehicle driver, while preventing any loose objects in the rear body from falling out. A line drawing of the modification along with a photocopy of a photograph are included, to aid assembly if this option is required.





ADDITIONAL INFORMATION,

As these vehicles were classed as tactical vehicles, they were painted overall IRR matt green, including the cab interior. A few has black camouflage patches. Some of the vehicles carried yellow high visibility vinyl stripes when operating on airfields. The front number plates were applied directly onto the centre front of the bonnet. As tractors they were registered in the **AN** series, eg 72AN91 - 72AN97, 73AN32 - 73AN37, 73AN86 - 73AN90.

Mercedes Unimog 406-120, Tractor, Aircraft Support,



It is hoped you enjoyed building this kit. It is one of an ever growing range. If you have any complaint, comment or suggestions for future kits, please contact the address below.

For an up to date price list, send a Stamped Self Addressed envelope to :-
**B. W. MODELS, 5 Brinkburn Place, Amble, Northumberland NE65 0BJ,
ENGLAND.**