

# B. W. MODELS.

## AUSTIN K6, 3 ton, Hydrogen Cylinder Lorry.

The Austin K6, 3 ton, 6x4 vehicle was introduced into military service in the very early 1940's and by the end of the war in 1945, around 13000 cab / chassis had been built with innumerable body types carried on them. The main versions used by the Army were GS, Breakdown and Coles crane carrier. The vast majority of the vehicles were used by the RAF, with literally dozens of different bodies carried. The Hydrogen Cylinder Lorry was fitted with a special cradle which could carry up to 30 Hydrogen Cylinders. It's main use being related to Barrage Balloon Maintenance during the war and post war for the balloons used in relation to parachute training. It could often be seen towing a 5 ton trailer also fitted to carry 30 Hydrogen Cylinders. The vehicle type had a long front line service life going through until around the end of the 1950's or early 1960's.

### GENERAL NOTES.

Please read all the instructions carefully before commencing assembly. Clean all sprue marks and any flash from the pieces before starting. A dry fit of components is also recommended before final fixing of pieces. The model can be assembled using either Super glue, 5 minute epoxy adhesive or Low Melt Solder. The kit contains 43 pieces, including a piece of acetate for glazing purposes. It is recommended that the kit is built as 3 subassemblies A). Cab, B). Chassis, C). Rear body, and below is a suggested sequence for assembly.

### ASSEMBLY INSTRUCTIONS.

#### A). Cab.

- 1). Glaze the cab windows.
- 2). Fit the seats onto their mounting plates.
- 3). Fit the steering wheel to the steering column, they fit the complete assembly to the location hole in the cab floor.
- 4). Fit the cab unit to the floor assembly.
- 5). Fit the cab rear wall into place.
- 6). Fit the headlights to their location points on the front of the front wings, but to the rear of the bumper.
- 7). Fit the radiator guard to the top of the front bumper.
- 8). Put the complete cab unit to one side for now.

#### B). Chassis.

- 1). Fit the front wheels to the front axle, then fit the axle unit into place under the front of the chassis.
- 2). Fit the rear axles to the rear wheel assemblies. Ensure before final gluing that the pins on the centre rear of the wheel assemblies will fit into the lugs on the underside of the chassis. Also note that the central axle has the rear of the differential flattened.
- 3). Fit the rear wheel assemblies into place, ensuring the chassis sits squarely on all 6 wheels.
- 4). Fit the prop shafts into place. They are located as follows:-  
Shortest - Rear of engine unit to transfer box.

- Longest - Rear of transfer box to front of centre axle.  
 Medium - Between the 2 rear axles.
- 5). Fit the cab unit to the front of the chassis.
  - 6). Fit the 2 cab step units into place. The lugs on the rear of each step unit fit against the chassis side, with the front of each step fitting against the bottom rear face of the mudguards. When correctly positioned, the steps should be parallel with the ground.
  - 7). Fit the 2 fuel tanks into place, one on each side of the chassis side, a location point is provided on each chassis side.
  - 8). Fit the tow hook to the centre of the rear chassis cross member.
  - 9). Place the complete cab / chassis unit to one side for now.

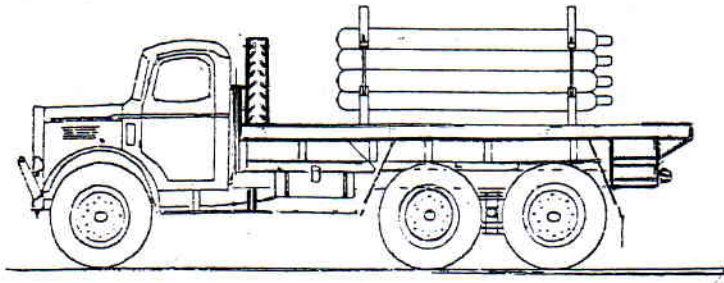
**C). Rear Body.**

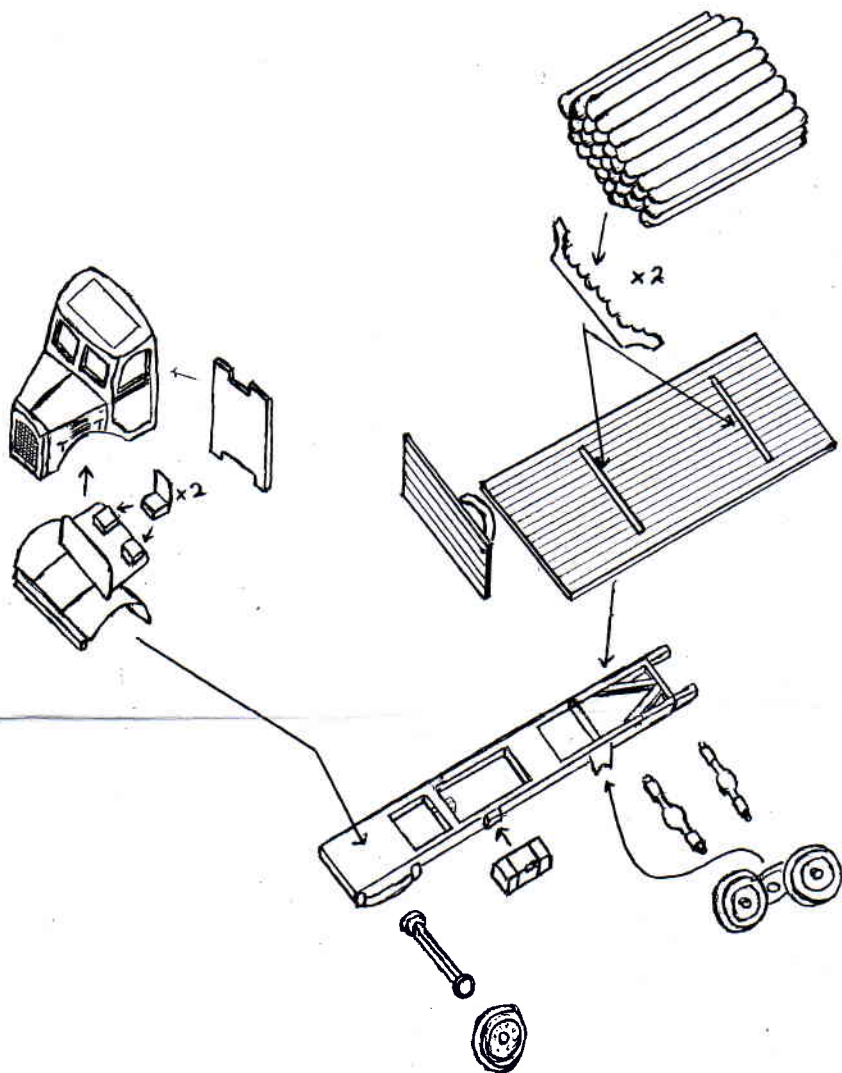
- 1). Fit the body front wall to the top front of the floor unit.
- 2). Assemble the cylinder cradle unit. The 2 cradles fit onto the strips across the body floor. The 2 bracing rods fit between the 2 cradles.
- 3). Assemble the banks of cylinders. These are provided in 4 banks. Working from the bottom to the top they are assembled in the order, 6, 9, 8, 7. When positioned on the cradles, with the caps facing forward, they were secured in place by straps going over the top of the cylinders. These can be represented by strips of thin card or other suitable material.
- 4). Fit the body floor to the chassis top.
- 5). Fit the 4 mudguards into place. Location strips are provided on the underside of the body floor and a quick check of the side view drawing will show the angle they should be set at.
- 6). Fit the fuel can holder to its location plate on the near side rear of the body underside.
- 7). Fit the stowage box to its location point on the off side rear of the body underside.

**D). PARTS LIST.**

Cab.	Cab floor unit.	Cab rear wall.	Seat x 2.
Steering wheel.	Steering column.	Headlight x 2.	Radiator guard.
Chassis.	Axle x 3.	Front wheel x 2.	Rear wheel assembly x 2.
Prop shaft x 3.	Cab step x 2.	Fuel tank x 2.	Rear body floor unit.
Small stowage locker.	Fuel can holder.	Rear mudguard x 4.	Tow hook.
Cradle x 2.	Bracing rod x 2.	Body front wall.	Cylinder bank x 4.
Acetate.			

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

If you require an up to date price list, send an A5 Stamped, Addressed Envelope to:-

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