1:35 SCALE MODEL

Accurate Armour

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LRA013

British Army CAV100 'Snatch' Northern Ireland

A complete model in polyurethane resin including cast glazing and etched brass with full colour decals.

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SAFETY

As with any plastic model kit, do not expose the completed model or parts to extreme heat or naked flames. When sanding or cutting parts, ensure to minimise the generation of dust particles by wetting the surface, if this is not possible use a good quality face mask.

AFTER A SANDING OPERATION WASH YOUR HANDS

For bonding main structural parts use DEVCON (or a similar Epoxy cement) and for all other parts use cyano-acrylate "Super-glue" after the parts have been tested for fit. Follow the safety instructions on the tube, and use only in a well ventilated room. This product contains small sharp parts, keep all parts, tools and materials out of the reach of children and pets. If your kit contains any pre-painted items, these should not be washed.

TOOLS

Essential tools are sharp scalpels, razor saw, needle files, 'wet-or-dry' paper, grades 100, 300, 500, tweezers and an assortment of pliers and cutters. For locating some small parts, and for drilling out lifting lugs etc., a selection of twist drills from 0.5 mm to 5 mm is recommended, and a cutting mat!

For most multi-media models we recommend professional tools from our tools section such as Micro Saw Blades along with general tools, drills, scalpels and glues on our web site just go to:-

https://accurate-armour.com/toolspaints/modelmaking-tools

GENERAL PROCEDURE

1.Check the parts against the parts listing and assembly diagrams, study the drawings and read the suggested assembly procedure. Multi-media kits build differently from injection moulded kits, however the technique is straightforward once practised.

2.The best way to remove parts from the casting sprue is by using a razor saw, or for very large parts use a small fret saw or junior hacksaw. Excess plastic should be carved away using a very sharp scalpel or craft knife. Very large sprus can be removed by scribing and 'snapping' them away from the parts, (this saves a lot of sawing).

3.Parts should be 'dry-fitted' first, if however you want to try different positions the parts can be lightly bonded with 'tube' polystyrene cement to see how they look. To bond with super glue, place the parts together ***THEN*** apply a ***TINY*** quantity of glue (using a wire or old blade) to the side of the gap between the parts, the glue will be drawn into the gap. Super glue ACTIVATOR spray also helps to make bonding a lot easier with some materials, especially if you work in a dry atmosphere.

4.If any resin parts are bent or warped, they can easily be modified by gentle bending in ***VERY HOT*** water, or under ***GENTLE*** heating from a hair dryer. Once at the correct shape cool the part quickly to set the shape.

5. Bubbles may be present in some resin parts, if present they should be filled with a good quality epoxy filler, such as 'Milliput'. Carefully sand as described previously.

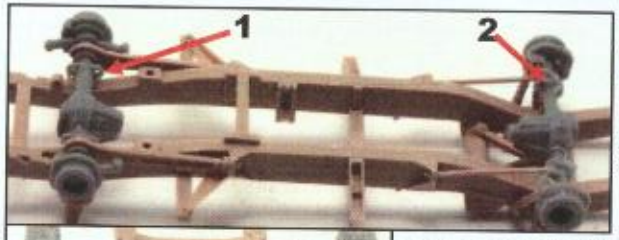
6. Small bubbles which sometimes appear at the tips of cast detail can be filled by applying a tiny amount of super-glue from a length of wire, the glue will be drawn into the hole which will fill up.

7.Resin parts should be washed in warm soapy water prior to painting to remove mould release agents, **Do not wash any laser cut or pre-painted items!** Brass parts may be keyed to provide better bond. We recommend priming the completed model prior to painting with a good quality grey car primer spray.

This conversion can be completed by using either of the Hobby Boss wolf kits. Plastic kit parts from the Hobby Boss donor kit are in *Blue Italics.*

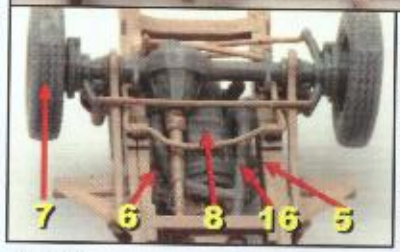
Follow the plastic kit instructions to for building the chassis, ignoring the engine and substituting the kit axles for the resin 'Salisbury' type provided (Part 1 and 2).

Trim 1mm off the outer edge of *A38+A39*. You may also wish to adjust the ride height of the vehicle. To correct, remove no more than 1mm from *A28* and if possible add this to *A42* (the pin is not required).



Alternatively remove 1mm from *A28* to simulate a very heavily laden vehicle.

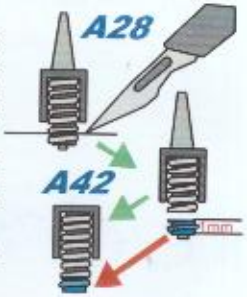
At the end of step 2, fit the resin engine Part 8 to the kit gearbox.



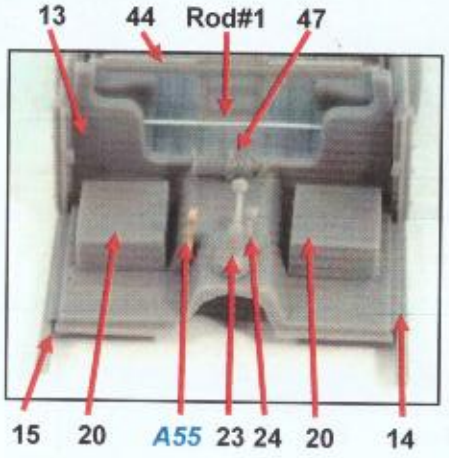
Fit the engine mounts to the chassis rails and fit the engine and gearbox to the mounts and the transfer box already fitted.

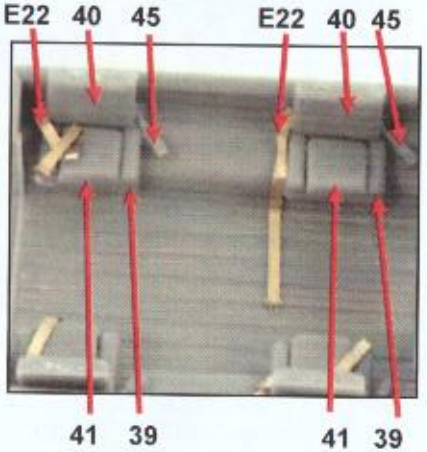
Cut the exhaust, *A59*, 5 mm from the front silencer and using Part 16 connect to the engine exhaust manifolds.

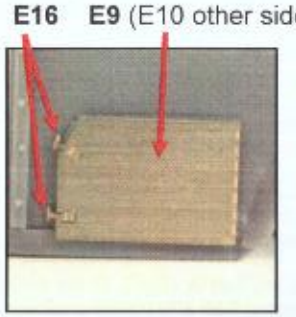
Ignore *B25* and the kit wheels and fit the resin wheels Part 7 instead.



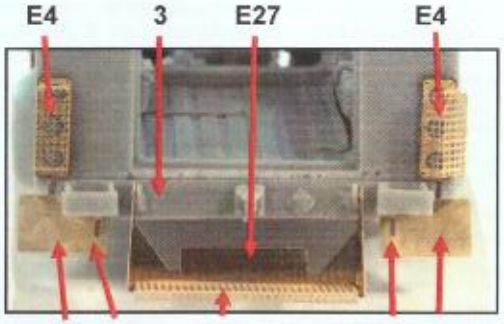
From this point use the conversion instructions. Retain parts *A55, A15,A16,A17* and *A40.*

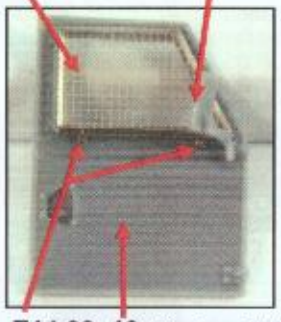


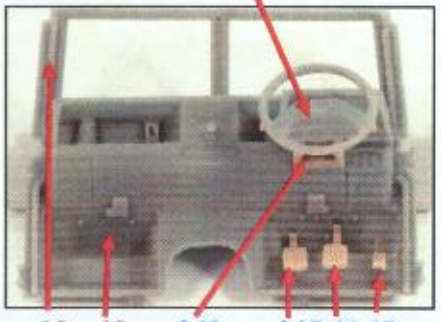


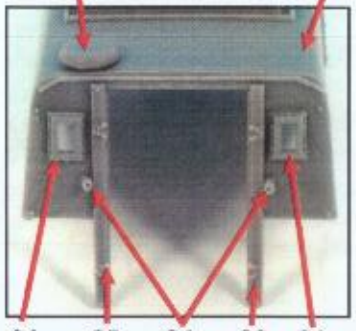


Note that the brass tail light mesh can be bent out to the side to allow fitment and painting of the clear lenses

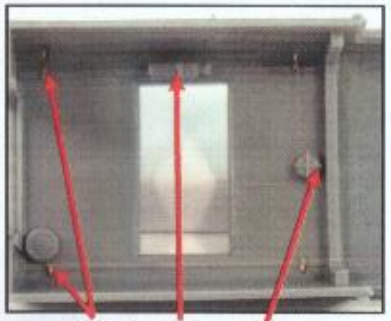


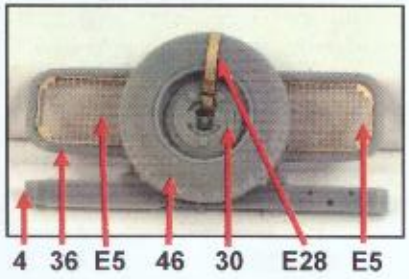


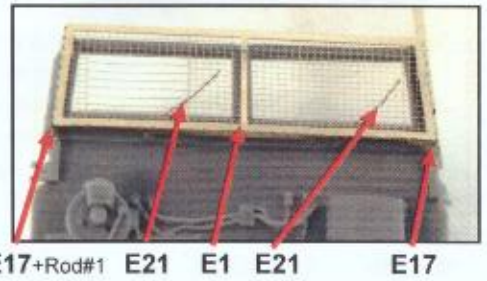


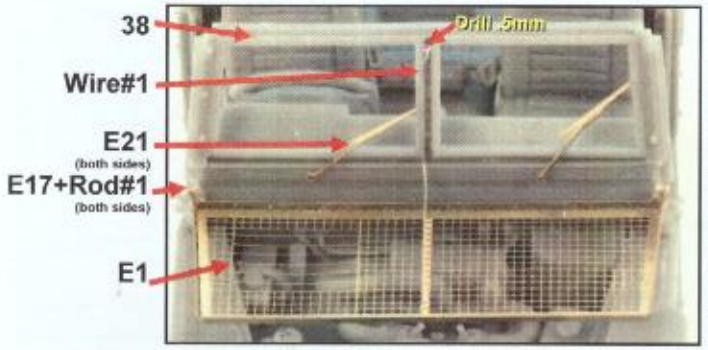


Note: When fitting the glass to the rear windows, position it 0.5mm in from the outer face of the frame.

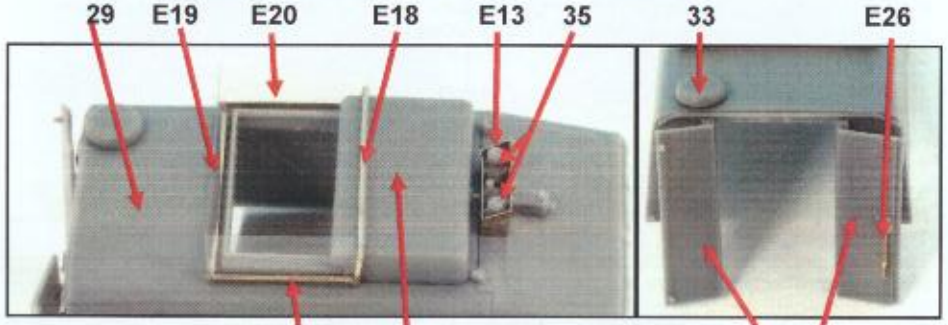








The windscreen mesh (E1) can moved up or down by fitting a small length of Rod#1 through the hole at the bottom edge and into the hinge (E17) and melting both ends with a heated metal implement. Cut wire for the windscreen mesh 35mm long. glue the outer end protruding just through the hole in the mesh frame, drill the guide hole (.5mm) in the top centre of the windscreen (38) the inner end should be glued in a small loop.



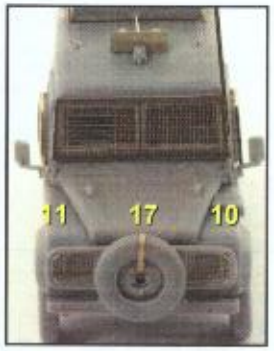
Glazing 21x9mm

Glazing 37x4mm

Fit the rear body to the chassis ensuring the outriggers (A10+A11) fit into the slots in the underside of the Lower Body (13) and that the rear of the chassis tucks into the Rear Cross Member (3).

Fit the Bulkhead (12) and check that the pins are firmly located in the holes in the chassis.

Check that the front floor area is square to the rear and to the bulkhead.

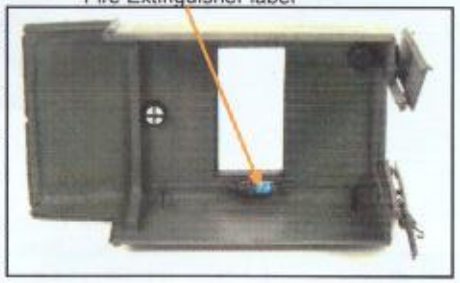


Fit the wings (10+11) and the Radiator (9) and glue to the bulkhead and chassis. The bumper assembly is shown fitted but should be left off to aid painting fitting the lights. Test fit the roof and doors and make any adjustments now, then disassemble for painting.

Painting and Decals

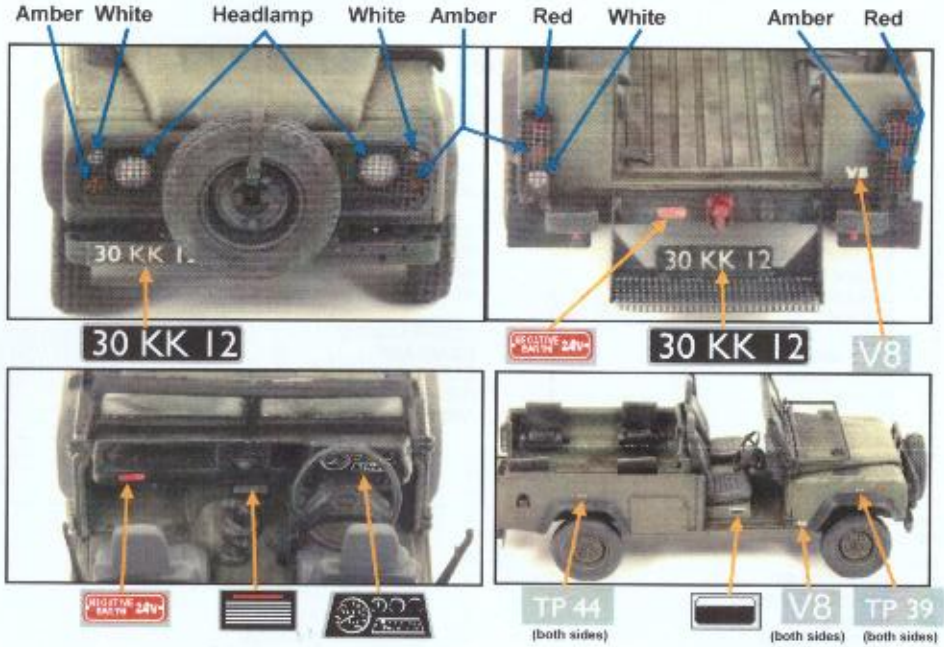
Basic colours for the vehicle is NATO green inside and out.
The window frames, all the mesh and the dash are satin black as are the rear seats, gear/handbrake levers, seat belts, wheel arch extensions, bumper, fuel cap, wire cutter, bull bar, rear cross member, rear step, wing mirrors, rear light units and roof light.
The front seats are grey.
The lower part of the fuel cap recess is red as are the rear reflectors and tow jaw.
The interior light is white.
The rear door latch and all internal door latches are dull aluminium.
The rubber buffers for the roof hatch are pale blue.
Over time the Makrolon screens become scratched/yellowed.
The small indicators on the front wings are Amber.
Vehicles serving pre-2002 had a matt black square on the rear upper quarter and rear below the windows to provide an area to chalk call signs. Post 2002 saw the introduction of shape symbols.
Five different registration plates have been provided.
The Dials decal fits in the shaped recess in the dashboard.
The black warning label fits on the bulkhead forward of the gear levers.
The black and white rectangle fits on the drivers seat pad.
The red 12v warning labels fit on the left side of the dashboard and the rear cross member next to the trailer socket.

Fire Extinguisher label



Confidential freephone numbers are provided for the sides of the roof.
The TAC markings, circle, square and triangle (diamond can be made use the square) are used on the top rearmost corner of the roof sides and the rear panels below the windows. For positioning see the cover pictures or box art.
The V8 badge is positioned on the ahead of the bottom side door hinge and beside the right rear light cluster.
Tyre pressures go on the sides above the relevant wheel (44 rear, 29 front).

Pre paint (all but the lens) the body of all the lights white, then fit to the vehicle and touch up all but the lens with the vehicle colour. You may wish to coat the lens with gloss varnish for extra clarity. The mesh covers on the rear light clusters can be bent out to provide access. It is recommended to leave fitment of the bumper/bull bar assembly until after painting to improve access to the lights.



Additional Notes

On some kits the drivers seat base location is 1mm too close to the door. When fitting the drivers seat base, remove 1mm of the outer edge of the locating pad to allow it to fit further inboard (touching the centre tunnel).
Due to the nature of hand casting, slight distortions and variations exist. Check the fit at every stage as mistakes are hard to rectify once glued firmly. Be sure to test fit the front doors (18,19) with the rear body glued down and the bulkhead (12) loose to ensure that they meet properly and are square to the floor. Remove small amounts of material, each end of the lip in the doorway of the sill (14,15) if necessary to achieve a good fit.

The top hatch (37) can slide on its runners. Cut Rod#1 to length and fit to the socket on the front edge of the hatch and connect to the raised block on the front of the roof. The Makrolon screens around the top hatch are 9mm high at the sides and rear and 4mm high at the front. Cut to the length of the brass except at the rear where it is 2mm wider.

The side and rear doors can be open or closed. The rear doors open and lock using the pin and socket hold-open devices (34).

The windscreen mesh (E1) can moved up or down by fitting a small length of Rod#1 through the hole at the bottom edge and into the hinge (E17) and melting both ends with a heated metal implement. Cut wire for the windscreen mesh 35mm long, glue the outer end protruding just through the hole in the mesh frame, drill the guide hole (.5mm) in the top centre of the windscreen (38) the inner end should be glued in a small loop.

The Master Model was researched and produced by Rob Tearle.

Parts List

1	FRONT AXLE	1
2	REAR AXLE	1
3	REAR CROSS MEMBER	1
4	BUMPER	1
5	ENGINE MOUNT L	1
6	ENGINE MOUNT R	1
7	ROADWHEEL	4
8	ENGINE	1
9	RADIATOR	1
10	LEFT WING	1
11	RIGHT WING	1
12	BULKHEAD	1
13	LOWER BODY	1
14	LEFT SILL	1
15	RIGHT SILL	1
16	EXHAUST PIPE	1
17	BONNET	1
18	LEFT DOOR	1
19	RIGHT DOOR	1
20	SEAT BASE	2
21	FRONT SEAT	2
22	STEERING WHEEL	1
23	GEARLEVER	1
24	TX BOX LEVER	1
25	REAR DOOR HINGE BAR L	1
26	REAR DOOR HINGE BAR R	1
27	REAR DOOR LEFT	1
28	REAR DOOR RIGHT	1
29	ROOF	1
30	SPARE WHEEL MOUNT	1
31	REAR WINDOW FRAME	2
32	ROOF LIGHT	1
33	FAN COVER	1
34	REAR DOOR HOLD-OPEN	2
35	AERIAL POT	2
36	BULL BAR	1
37	ROOF HATCH	1
38	WINDSCREEN PANEL	1
39	REAR SEAT BASE	4
40	REAR SEAT BACK	4
41	REAR SEAT PAD	4
42	L WING MIRROR	1
43	R WING MIRROR	1
44	RADIO PANEL	1
45	SEAT BELT CLIP	6
46	SPARE WHEEL	1
47	FIRE EXTINGUISHER	2
48	WINDSCREEN	2
49	SIDE WINDOW	2
50	REAR WINDOW	2

OTHER MATERIALS

Glazing sheet

WIRE#1 35 SWG

ROD#1 0.64mm PLASTIC ROD

CLEAR LIGHTS

HEADLAMP	2
CLEAR SIDELIGHT	3
RED SIDELIGHT	3
AMBER SIDELIGHT	4

ETCHED BRASS PARTS (PREFIXED 'E')

1	WINDSCREEN MESH	1
2	LEFT DOOR MESH	1
3	RIGHT DOOR MESH	1
4	RAIL LIGHT MESH	2
5	BUMPER MESH	2
6	REAR WINDOW MESH	2
7	MUDFLAP LEFT	1
8	MUDFLAP RIGHT	1
9	LEFT LOCKER DOOR	1
10	RIGHT LOCKER DOOR	1
11	REAR STEP	1
12	WIRE CUTTER	1
13	AERIAL GUARD	1
14	WINGNUT	4+
15	REFLECTOR	2
16	LOCKER CATCH	4
17	WINDSCREEN MESH HINGE	2
18	FRONT SHIELD HINGE	1
19	REAR SHIELD HINGE	1
20	SIDE SHIELD HINGE	2
21	WIPER	2
22	REAR LAP BELT	4
23	SEATBELT LEFT	1
24	SEATBELT RIGHT	1
25	SEATBELT CLIP	2
26	REAR ROOF GRAP STRAP	4
27	REAR NUMBER PLATE	1
28	SPARE WHEEL STRAP	1