



Mouse Armour

• 1/35 scale
MA101
Australian Leopard AS1 final
version 2007

Crafted by Chris Evenden, Jason Miller and John Myszka

Background

The Australian Leopard AS1 was replaced by the US Abrams tank in 2007. The final version was identified by the full with turret basket, umbrella bag and refrigerator.

Leopard AS1 parts

Left side turret cheek	1 long Hull bin	Cleat stowage
Air sensor	2 short Hull bins	Umbrella bag
Temperature sensor	Mortar blanking plate	Engine grating
Left and right aerial bases	Commanders vision device	PE – engine mesh
Aerials mounting units (2)	2 x Spare road wheel	PE - wind sensor brush guard
Rear turret plate (replace part 121)	2 small rear turret plates (replace parts 123/124)	

Full width turret basket parts

Full width turret basket	PE mesh for the basket
Three resin attachment points	Fridge
M113 track pad	Umbrella bag
PE attachment points	

Tools

Handy tools would include a sharp model knife and wet and dry sandpaper.(add if necessary)

Safety

This is a resin product so keep it away from extreme heat and naked flames. When sanding do it in a well-ventilated area and do not inhale the resin dust – wear a mask. Use wet sanding methods to reduce the dust.

Construction

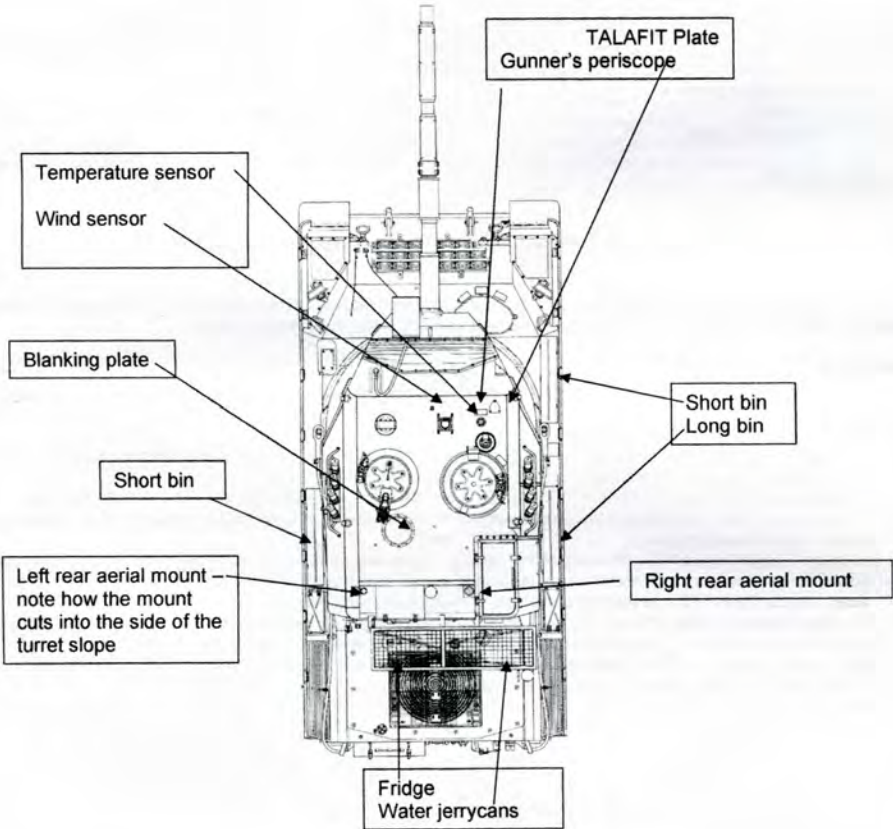
These are instructions for the Italeri Leopard 1A4. Part number will not be the same for the Tamiya Leopard.

1. Follow kit instructions for stages 1 and 2
2. At stage 3 replace part 32 with resin grating (concentric circles) and glue from inside the hull. Add the PE engine mesh from the outside. The small square in the mesh should be rearmost.
3. At stage 4 and 5 DO NOT ATTACH TOOLS. On Australian Leopard AS1s the tools were inside hull bins.
4. At this point or later you will need to putty up and then sand both sloping hull sides to hide the tool indentations.
5. Follow stage 6 instructions
6. At stage 7 replace part 115 with resin part provided. Replace part 121 with resin part after aerial bases glued in first. The base with a small donut on the outside is the left rear mount. This is the spot for the GPS button if fitted. Discard part 122 and replace parts 123/124 with resin parts provided
7. At stage 8 discard parts 131/132, cut base away and add resin commander's sight provided. At this point also cut away the vision block next to the commander's cupola and replace with resin vision block.
8. At stage 8 you could replace the kit barrel with a MA122 Australian L7A3 105mm gun with hose clamps.
9. Follow instructions for stage 10 but DISCARD parts 167
10. Add resin parts:
 - a. TALAFIT plate
 - b. Gunner's sight
 - c. Temperature sensor
 - d. Wind sensor and photoetch brush guard
 - e. Right side long bin (rear) short bin (forward)
 - f. Short bin rear
11. Cut the full width stowage bin from the casting plug with a razor saw. Glue PE mesh to floor, front, rear and sides including internal divider. Use either the resin or PE hooks and attach them to the basket. Two of these are hooks and the right most is a 90 degree attachment point that is bolted to the turret between the right armoured bin and middle bin.
12. Glue the umbrella bag to the rear of the turret basket
13. Install the fridge in the left rear bin. At least five water jerrycans were normally carried in the right bin.

Additional items stocked by Mouse House Enterprises that can be used with this conversion.

Military Briefs No.5 – Australian leopard AS1 FOV
MA302 – Australian pattern water jerrycans
MA122 – L7A3 105mm gun Australian pattern

MA317 – Complete equipment schedule for AFVs
MAD606 - 1st Armoured Regiment decals
MAP05 – OZCAM three pack camouflage paints





Mouse Armour

1/35 scale
MA121
Australian Leopard AS1
full width turret basket

Researched and mastered by Jason Miller & JM

Background

The Australian Leopard AS1 were fitted with a designed full width turret basket in 2004 and used until 2007. The basket was designed to carry a refrigerator as part of the Leopard Crew Climate Control System

Parts

Full width turret basket	PE mesh for the basket including PE attachment points
Three resin attachment points	Fridge
M113 track pad	Umbrella bag

Safety

This is a resin product so keep it away from extreme heat and naked flames. When sanding do it in a well-ventilated area and do not inhale the resin dust – wear a mask. Use wet sanding methods to reduce the dust.

Construction

	<ul style="list-style-type: none">• This sketch shows the three "hooks" by which the basket hangs and is secured to the rear of the turret.• The left hook is bent at 90 degrees and is bolted to the rear of the turret between the outer armoured bin and the open bin• The middle hook is bent in the shape of a "U" and fits into the middle bin.• The right hook is bent in to a "U" and fits into the outer open bin• At the top of the sketch are three metal hooks that hold the umbrella bag
	<ul style="list-style-type: none">• The shape of the middle and end hook can be seen here. You can use the PE and bend to spare or you can use the resin hooks provided'• PE basket mesh is fitted to front / back / two sides / bottom and centre divider. Test fit before gluing.• NOTE: If the umbrella bag is to be attached them shave off the three raised bits (where the three umbrella bag hooks attach) otherwise cut mesh out to fit over them• Add the resin umbrella bag (with hooks) to the rear of the basket after the mesh has been glued onto the resin basket
	<p>The fridge held in place by an M113A1 rubber track pad in the left bin (as you face forward in the direction of the tank).</p> <p>Note that the mesh has been cut out to fit over the mounting points for the umbrella bag attachment points</p>

Additional items stocked by Mouse House Enterprises that can be used with this conversion.

Military Briefs No.5 – Australian Leopard AS1 FOV
MA302 – Australian pattern water jerrycans
MA116 – Conformal turret baskets PE
MA117 – Square turret baskets PE

MA122 – L7A3 105mm gun Australian pattern
MA317 – Complete equipment schedule for AFVs
MAD606 – 1st Armoured Regiment decals
MAP05 – OZCAM three pack camouflage paints