

SMM3564M *Ferret Engine Set*

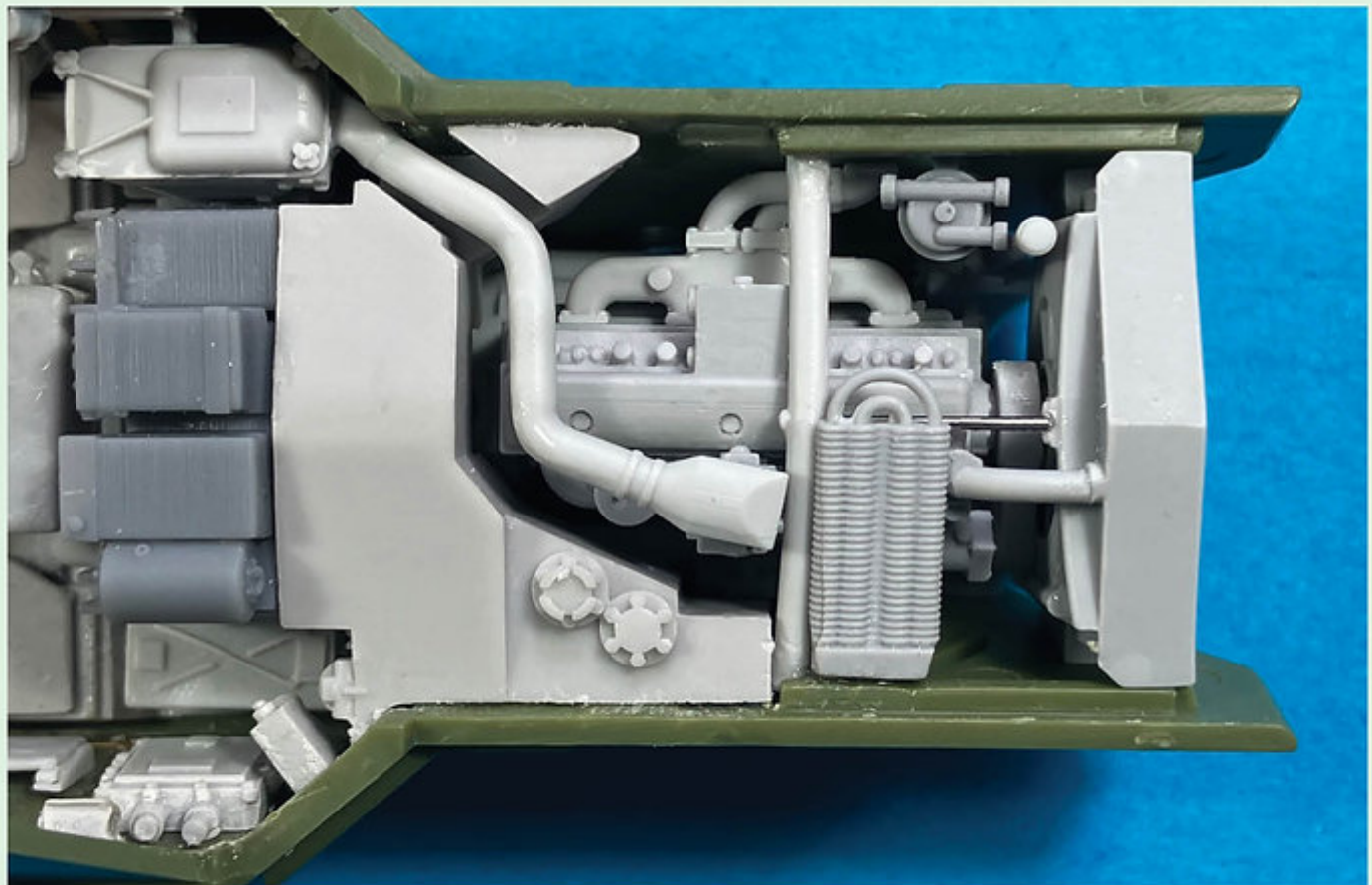
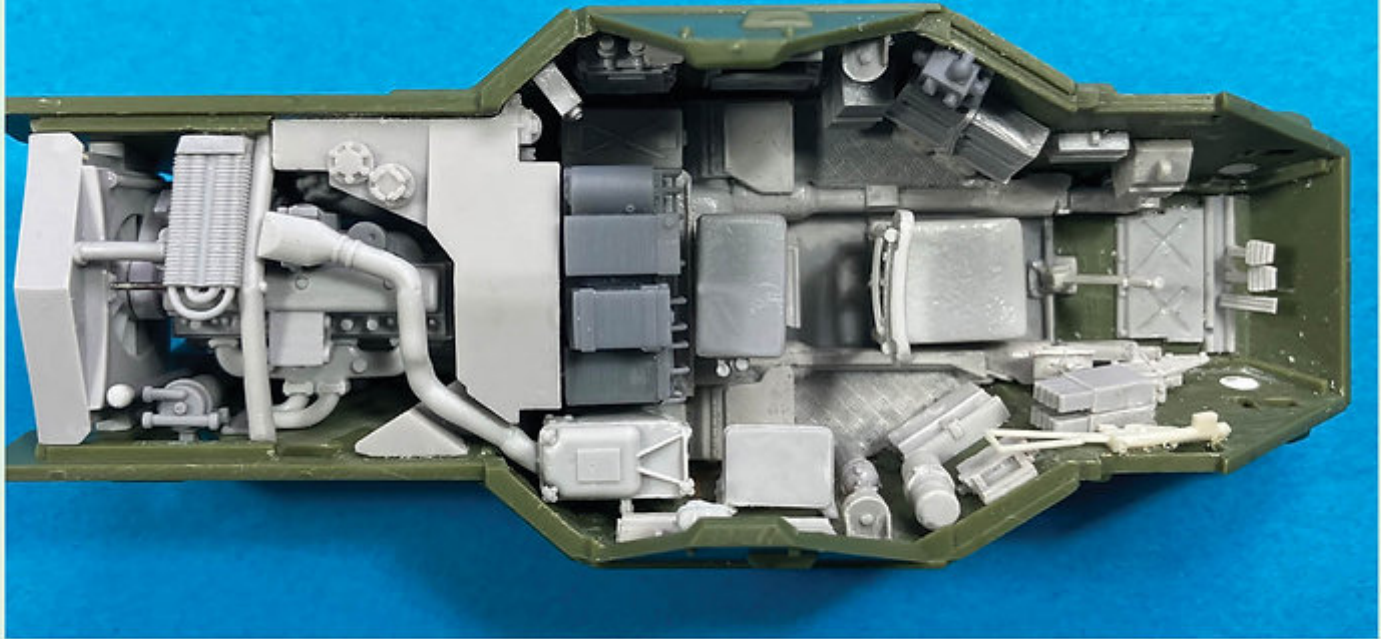
Intended for use with the Airfix Ferret Mk.2.

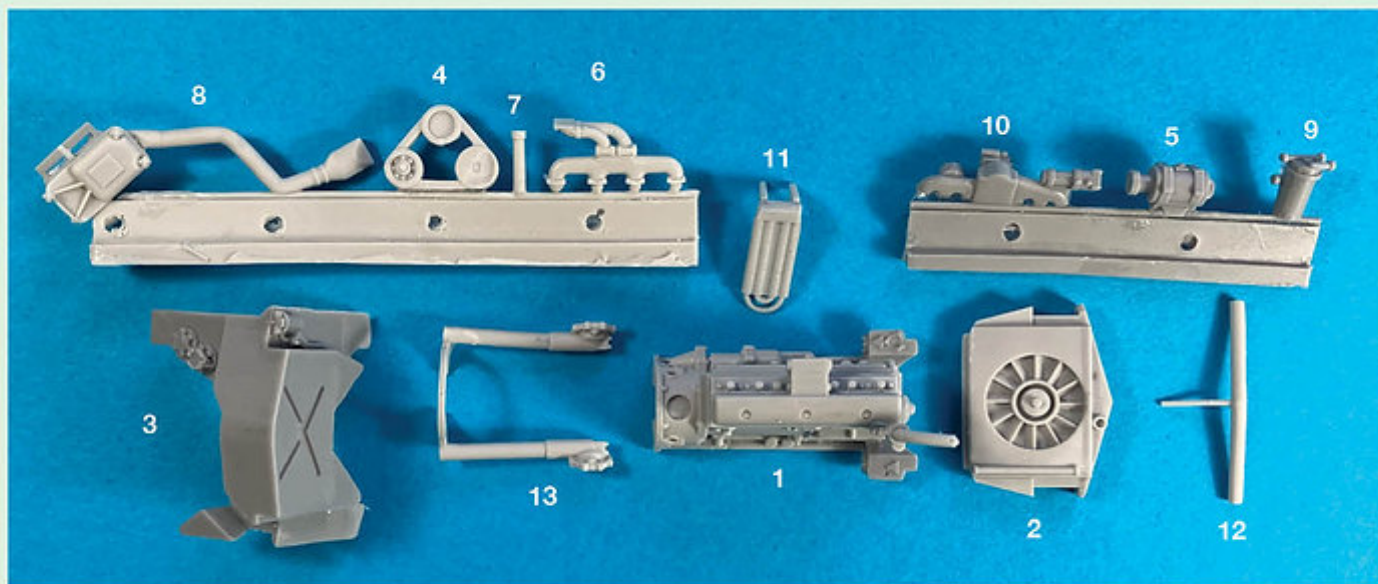
This is a standalone set which can easily be combined with the **SMM3564L Interior Set**. The fuel tank is identical in both sets, though a small modification is needed. The air cleaner is similar, but has a longer pipe.



The engine on the real Ferret is a Rolls-Royce B60. This is the six cylinder, 4.26 litre water-cooled petrol engine connected by a fluid coupling to a pre-selector five speed epicyclic gearbox. The B60 Mk.3A engine produced 116 bhp at 3,300 rpm and 129 bhp at 3,750 in its later B60 Mk.6A form.

Engine set combined the interior set

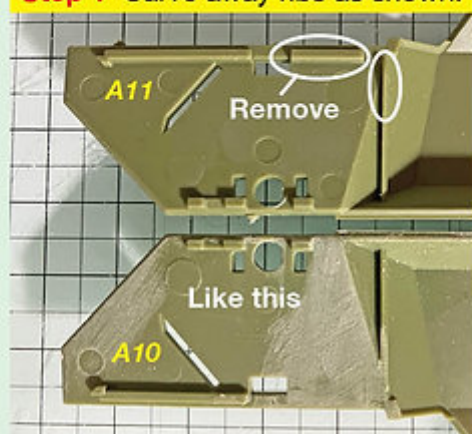




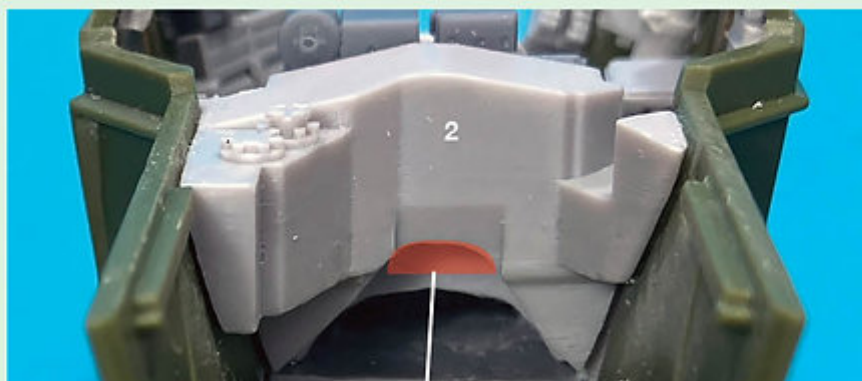
Parts List

- | | |
|---|--|
| 1 Engine | 7 Oil filler pipe (too short - see below) |
| 2 Fan/radiator | 8 Air cleaner and pipe |
| 3 Fuel tank - also in SMM3564L Interior Set. | 9 Fuel filter |
| 4 Fan belt | 10 Manifold |
| 5 Generator | 11 Oil cooler |
| 6 Exhaust | 12 Engine bay brace (strut too short - see page 3) |
| | 13 Driveshafts |

Step 1 Carve away ribs as shown.

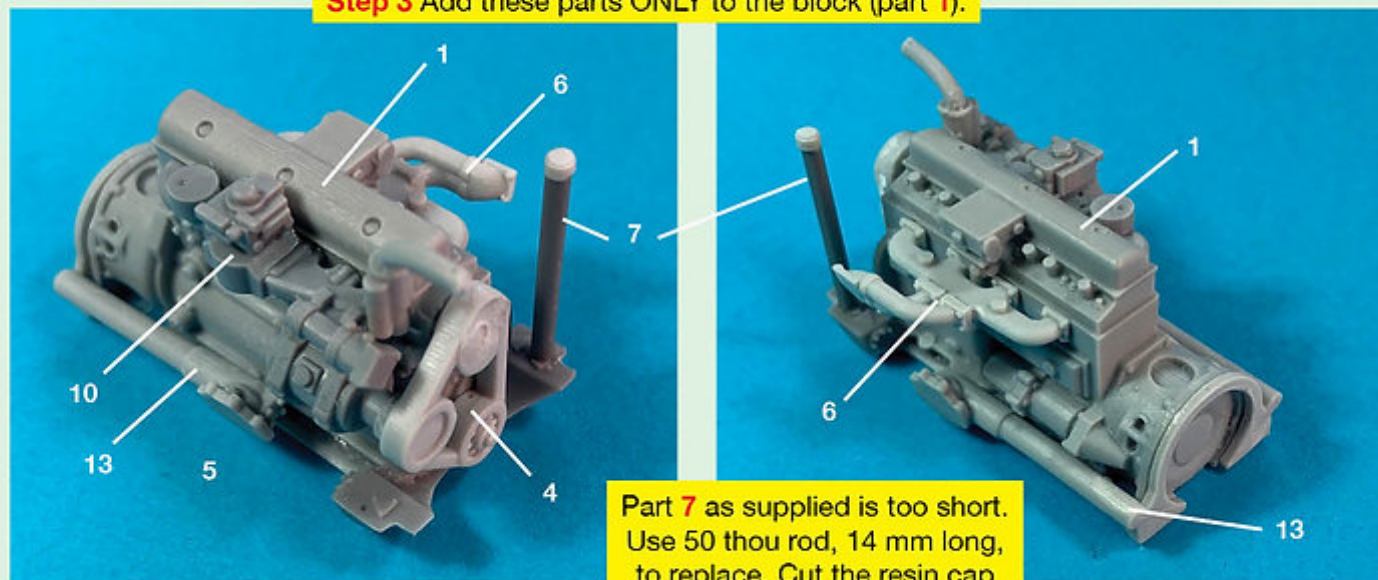


Airfix parts marked in **yellow**



Step 2 This top part of the fuel tank needs to be carved out to a curved shape to clear the front of the engine block. This is about 1.5 mm higher than the original flat edge. It is hidden with the engine in place.

Step 3 Add these parts ONLY to the block (part 1).



Part 7 as supplied is too short. Use 50 thou rod, 14 mm long, to replace. Cut the resin cap and add to the top.

Step 4 Slide the engine assembly into place and firmly glue to the floor hull.

Step 5 Add the fuel filter (part 9) to the right hull wall.



Step 6 Slide the radiator vertically onto the fan belts. Before glueing, use the kit engine deck (without cutting the awful grille off), to make sure the radiator is in the correct position. It should sit on top of the engine base, and against the hull walls.

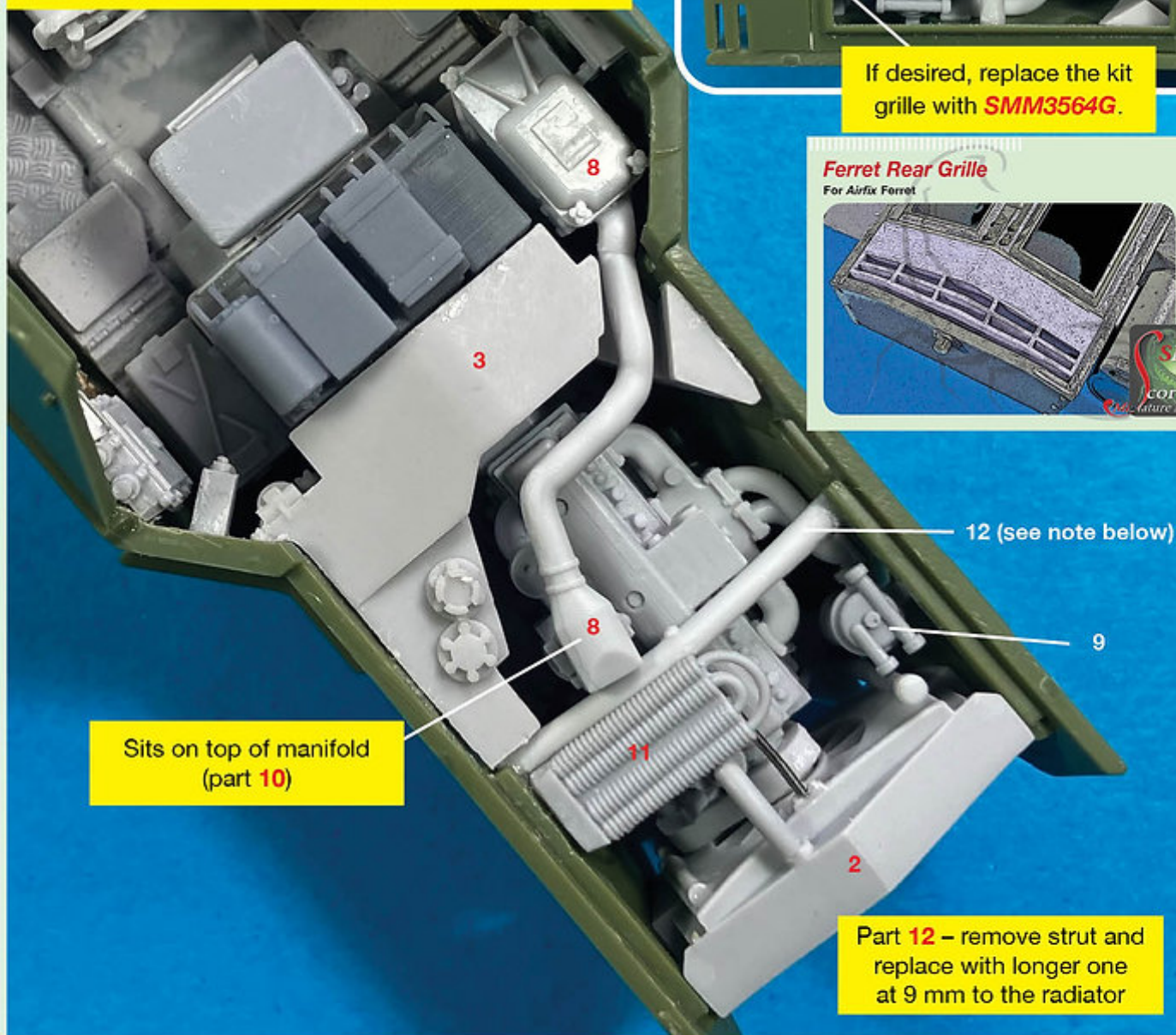
Keep fitting the hull top to make sure everything fits underneath.



If desired, replace the kit grille with **SMM3564G**.

Step 7 Fit the remaining parts in this order:

Part 9 on the left hull wall,
Part 12 which fits under the ribs on the hull walls and onto the radiator – with a longer strut,
Part 11 sits on the hull rib and on top of the strut to the radiator.



Sits on top of manifold (part 10)

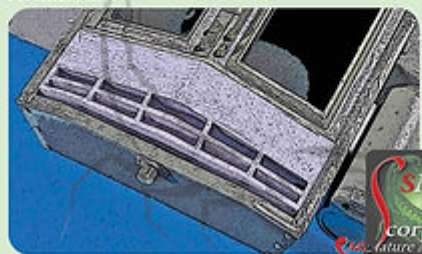
12 (see note below)

9

Part 12 – remove strut and replace with longer one at 9 mm to the radiator

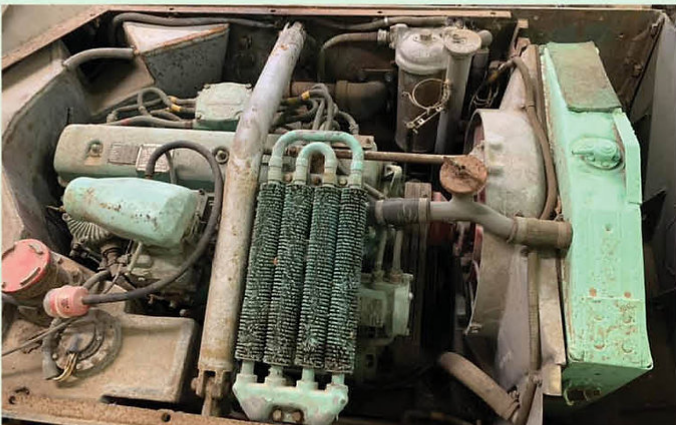
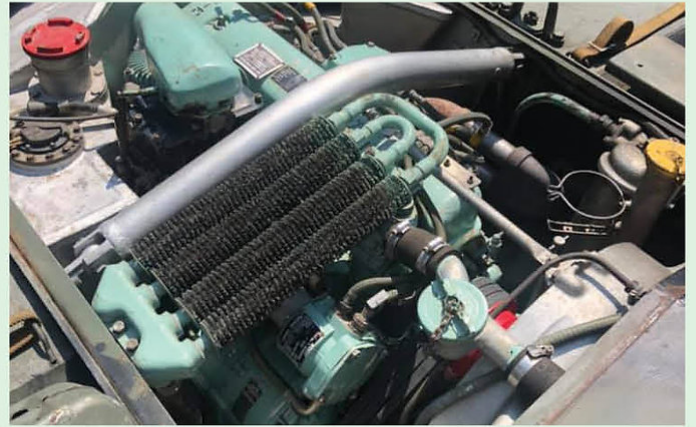
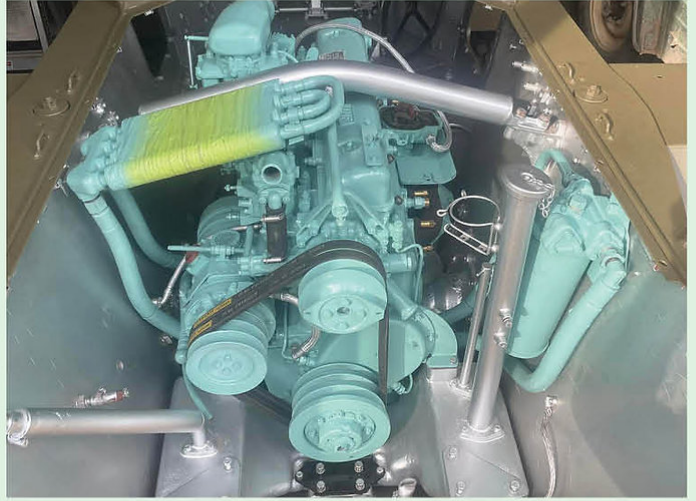
Ferret Rear Grille

For Airfix Ferret



SMM3564G

SMM
scorpion
Future Models



Photos from various unattributed internet sources

Happy modelling and keep on building!

CAD design by Tom Cromwell

© SMM 2024

<http://www.scorpion-miniature-models.co.uk>

Cast by LZ Models

