

GECKO HEAVY INDUSTRIES

INFANTERIKANONVAGN IKV 91

PRODUCTION VERSION

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GE72006
SCALE: 1/72



History

The Ikv 91, or Infanterikanonvagn 91, was a highly mobile light tank developed by Hägglund and Söner to replace the Stridsvagn 74 in the Swedish Army. As part of an early platform or module strategy, the Ikv 91 used common components with the Pbv 302 armoured personnel carrier, the Bgvb 82 armoured recovery vehicle and the Brobv 941 bridge layer. The first 3 prototypes of the Ikv 91 were completed in 1969 and tested for the next 5 years with the production of all 212 running from 1975 until 1978. Despite being a light tank weighing only 16.3 tons, the layout was entirely conventional with a crew of four, but was fully amphibious. The Ikv 91 was powered by 12 liter turbocharged straight six-cylinder Volvo Diesel engine with 330 hp placed diagonally in the rear compartment which permitted a maximum speed of 65 kmh. The armament was of a Bofors KV90S73 90 mm L/54 rifled low pressure gun, firing HEAT and HE rounds as well as 2 x 7.62 mm Kulspruta model 39 machine guns derived from a Browning design in a coaxial mounting and on a pintle attached to the left cupola. The Ikv 91 was retired from the Swedish army by 2002s and was partly replaced by the Strf 90 combat vehicles and Leopard 2 STRV 121-122 tanks as all Swedish infantry brigades were disbanded following the budget cuts at the end of the cold war. A number are preserved in museums.

Instructions Infanterikanonvagn 91

Carefully remove parts from the casting blocks. Clean all components and sand off any remaining injection gates. Prime all components with Gunze Sangyo Mr. Surfacer, Halfords Grey or similar automobile primer spray paint in a well-ventilated room. The modeler may assemble the hatches open or closed and position the gun as desired.

Carefully fit left and right running gear to hull leaving adequate clearance for side skirts. The idler is at the front while the sprocket is at the rear. 2 shovels and an axe were attached to the front right hull. The driver's hatch was vertical when open. Please fit the commanders and loaders hatch to turret either open or closed. Then fit rear box, lateral boxes, smoke dischargers and the 8 grenades of 2 different types as well as the Kulspruta model 39 machine gun to the relevant position as per instructions.

General instructions

Most of the original photos of the tanks are copyrighted and therefore cannot be included with these instructions. Please refer to the internet using a search engine for help with paint schemes.

Useful Web Sites:

http://www.primeportal.net/tanks/gunther_neumahr/ikv_91/

http://www.primeportal.net/tanks/olof_nilsson/infanterikanonvagn_91_walk.htm

http://www.military-today.com/tanks/ikv_91.htm

<http://www.tanks-encyclopedia.com/coldwar/Sweden/Infanterikanonvagn-91.php>

<http://ritastatusreport.blogspot.de/2015/08/swedish-tanks-part-24-ikv-91.html>

There is no guarantee that these websites will be available in the long term.



We try to make our details as easy to fit as possible. However, we expect our customers to have some experience in modelling and be familiar with the new materials like resin, brass and photo etched. It is easy when you have learned the basics. First, we urge you to clean up the parts with soap and water, to remove possible remains of release agents. This goes for common plastic injected parts as well. Usual plastic cement does not work on resins and metals. Cyano acrylate glue or epoxy does the job. Or why not the new acrylic Gator Glue. However, for heavier parts that need a stronger band, it might not be sufficient. Resin Parts are preferably sanded wet, to avoid inhaling the dust. The use of Cyano acrylate and epoxies is also to be done under well ventilated conditions. Read the instructions of your adhesive products.

NOT RECOMMENDED TO CHILDREN UNDER THE AGE OF 14.