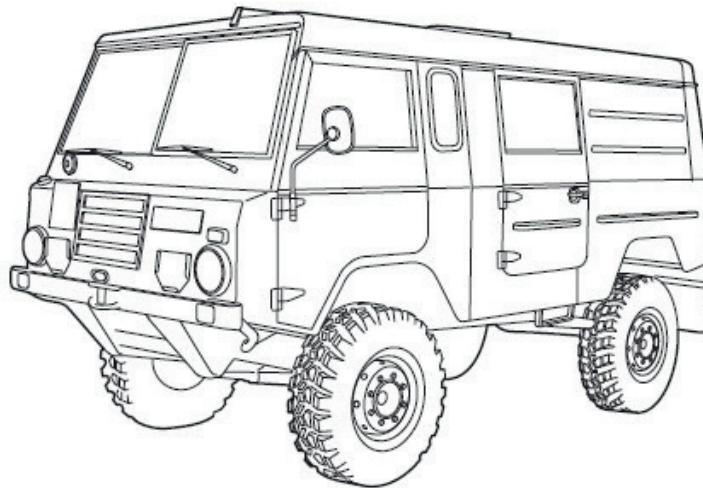


GECKO HEAVY INDUSTRIES

VOLVO C303 TGB11

GEC72014



History

The Volvo C303 Terrängbil 11 (Tgb 11) was developed in the late 60s and went into production in 1974 in order to replace the successful Volvo Laplander L3314 "Valpen." (See Daedalus Art.no: DAE72011 kit) The vehicles were equipped with the B30 3.0L OHV I6 6 cylinder inline engines from Volvo's civilian car range which had up to 145 HP. The C3 series feature portal axles with locking differentials resulting in very high ground-clearance and outstanding performance off-road. The vehicles are quite narrow to facilitate navigation between trees and on narrow forest roads. A total of 8,718 vehicles of the C3 series of all types including 6x6 versions were manufactured. The TGB 11 served in the Swedish army until the late 1990s when replaced by the Mercedes Terrängbil 14/15 series. Many used cars were sold as surplus equipment to collectors. They were also sold new to civilian customers for rescue services, electricity companies etc. and private use. In the 1983 Paris-Dakar rally a Volvo C303 won the class for trucks under 10 tons. Some former Swedish vehicles were donated to the Estonian, Latvian and Lithuanian armies after the fall of the Iron Curtain. New Vehicles were sold to the Malaysian Army, the Royal Malaysian Police and Telekom Malaysia as well as Angola. A sub-variant was the Tgb 1112 model equipped with an array of radio and telephone equipment which had a different roof hatch and antennae at the rear.

Instructions

Gently remove the resin parts from the casting blocks and wash them with soapy water in order to remove mold release lubricant. Sand off any remaining injection gates. Any parts that are inappropriately bent, may be returned to their proper shape by dipping them in very hot water and gently bending to the desired shape. Cement lower cab (2) onto chassis with engine sticking into receptacle. Place dashboard (3), Steering wheel (4) and Seats (5) into cab and paint interior in olive drab. Then transparent coat interior of cab roof (7) with furniture polish to avoid misting, tape over windows and cement into place over prepared lower cab. Mask windows of transparent rear cab (6) and cement over chassis behind the front cab. Cement front axle/suspension unit (8) onto stubs under front chassis with differential pointing to rear. Cement rear axle/suspension (9) unit onto stubs under rear chassis. Use small drive shaft (11) to connect front axle with transmission and large drive shaft (10) to connect rear axle with transmission. Fashion exhaust pipe from appropriately shaped paper clip section to muffler pots right side of chassis. Prime vehicle and wheels (12) separately. You may now paint the vehicle and rims in either Swedish olive drab or in the splinter camouflage of black (svart), dark Green (mörkgrön), light green (ljusgrön) and light brown (brun). Wheels and chassis were kept in light green, albeit with suitable weathering. There were some white UN vehicles and yellow ordonnance range vehicles. Cement pre-painted Gerry cans (13) to rear of cab as well as wheels (12) to axles. You may also add scratch built rear view mirrors to side of front cab. The vehicles tended to have a 6 digit license plate starting with 11 with yellow numbers on a black background as well as numerous yellow stencils.

General instructions

Please refer to the internet using a search engine for help with paint scheme or details.

We try to make our details and conversions 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.

