

# **SPECIFICATIONS FOR SWALLOW 100 Mark 3**

**Vehicle Identificaton Number (VIN) 7A9MGS001EA014125**

**Engine number VF040091166**

Wheelbase 2750mm  
Track 1480mm  
Weight 1100 kg  
Colour Renault Flame Red NNP three stage pearl

## **Engine & Gearbox**

5.7 litre, 302 BHP, Chevrolet LS1 from Holden VY2 Commodore with Auto box. Using standard ECU with its loom, engine and gearbox mounts.  
Airfilter K&N # RU5114

## **Radiator**

Core Kubota Tractor KUB 0212, Height 445mm Width 450mm capacity 10 litres  
Bottom radiator hose, GATES 05-0749  
Top radiator hose, GATES 05-0920 (MACKAY CH1979) (Holden commodore VS 6 cyl 1994 on) cut and joined with GATES 05-0575.(Ford Laser Meteor 1985 on)  
Heater hoses, right angle connector hoses Gates 02-0354 15mm (5/8" 90°), and 02-0355 19mm (3/4" 90°)  
Total capacity 11 litres

## **Brakes, front and rear suspension**

Mazda MX5 Miata 2002 NB model with 1989-91 VW Corrado 11" Centric rotors from 949 Racing USA, and Subaru callipers from WRX 1998 on, side by side twin pot AD43T.  
Standard Subaru Impreza 1999 on, master cylinder.#AJBM7001 double diaphragm booster  
Bias set at front- 200/200, rear- 115/115  
All other parts of the Mazda suspension are standard including the steering rack. Standard Mazda MX5 handbrake including cables.  
Mazda MX5 NB 1800cc ABS, and Hydraulic unit, if fitted.  
All new custom brake lines.  
Front/ rear bias. Front 200 KPA, rear 190 KPA  
Holden 3.45 LS Differential. Modifications designed by Hunken Engineering and input from Walter Wing. All other aspects of the rear suspension are standard including rotors, callipers, hubs. Axles are specials made from 2767 material by Hunkin Engineering.

## **Steering**

All standard Mazda MX5 steering. Power steering rack and mounting from NB model.  
Column from NA model.  
All universal joints from Mazda MX5 and custom made splined extensions.

## **Interior**

Seats. Mazda MX5 Miata  
Interior crash impact strip.  
Standard new Mazda MX5 seatbelts from Autoliv. Stalk 165mm  
Colour of interior painted area Honda  
Colour of exterior painted area, Renault Red Flame NNP three stage pearl.

### **Electrics**

Battery DIN 66R  
Lights have E or ADR markings  
Heater Aurora model # 151-801-0003  
ECU is Holden, matching engine and gearbox.  
Custom loom for lights etc.  
Classic Instruments, volts, fuel, oil, temp, tacho, speedo, clock, turn direction, charge, hi beam.

### **Fuel system**

75 litre aluminium custom fuel tank using Holden VY2 in tank pump with swirl pot.  
New custom fuel lines.

### **Wheels & Tyres**

Dayton wires 16" x 6" with Yokohama 215 X 70 X 16 radials  
10mm spacers on all wheels with longer studs to suit, Dayton specify that wheel nuts must wind on the length of the diameter the studs.

### **Certification etc**

Performance Vehicle Certification    Dave Page 0274 923 570  
Certifier    Lance Walsh

**All other items are as per the TG specifications manual**