



5TH CATEGORY - HISTORIC RACING

**GROUP Nc**

APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current CAMS Manual of Motor Sport.

<b>Make of Car:</b>	Mazda	<b>Model:</b>	1300 STB
<b>Period of Original Manufacture:</b>	1970 to 1972		
<b>CAMS Historic Group:</b>	Nc		
<b>Date of issue of this document:</b>	25 November 2011		



# CHASSIS

## 1.1 CHASSIS FRAME

**Description:** Unitary construction **Period of Manufacture:** 1970-1974  
**Manufacturer:** Toyo Kogyo  
**Chassis no. from:** STB  
**Chassis no. location:** Above brake master cylinder  
**Material:** Steel  
**Comments:** This chassis is shared with the R100 and 1200. The dimensions are the same and did not change until the wider FA3TS was released in 1974

## 1.2 FRONT SUSPENSION

**Description:** Independent – Mcpherson strut  
**Spring medium:** Coil  
**Damper Type:** Telescopic **Adjustable:** No  
**Anti-sway bar:** Fitted **Adjustable:** No  
**Suspension adjustable:** No **Method:** N/A  
**Comments:**

## 1.3 REAR SUSPENSION

**Description:** Live axle  
**Spring medium:** Semi elliptic leaf  
**Damper type:** Telescopic **Adjustable:** No  
**Anti-sway bar:** Fitted **Adjustable:** No  
**Suspension adjustable:** No **Method:** N/A  
**Comments:**

## 1.4 STEERING

**Type:** Ball and nut **Make:** Mazda  
**Comments:**

## 1.5 BRAKES

	Front	Rear
<b>Type:</b>	Disc	Drum
<b>Dimensions:</b>	244 x 10mm	200 x 32mm
<b>Material of drum/disc:</b>	Cast iron	Cast iron
<b>No. cylinders/pots per wheel:</b>	2	2
<b>Actuation:</b>	Hydraulic	Hydraulic
<b>Caliper Make, Material, Type:</b>	Sumitomo – Cast iron	Mazda – Cast iron
<b>Master cylinder make:</b>	Mazda	<b>Type:</b> Tandem
<b>Adjustable bias:</b>	No	
<b>Servo Fitted:</b>	Yes	
<b>Comments:</b>		

## SECTION 2 - ENGINE

### 2.1 ENGINE

**Make:** Toyo Kogyo - Mazda  
**Model:** TC  
**No. cylinders:** 4 **Configuration:** Inline  
**Cylinder block material:** Cast iron **Two/Four:** Four  
**Bore - Original:** 73mm **Stroke:**  
**Stroke - original:** 76mm **Max. allowed:**  
**Capacity - original:** 1272cc **Max. allowed:**  
**Cooling method:** Water **Max. allowed:**  
**Identifying marks:** TC stamped on the block  
**Comments:**

### 2.2 CYLINDER HEAD

**Make:** Toyo Kogyo – Mazda  
**No. of valves/cylinder:** **Inlet:** 1 **Exhaust:** 1  
**No. of ports total:** **Inlet:** 4 **Exhaust:** 4  
**No. of camshafts:** 1 **Location:** Head **Drive:** Chain  
**Valve actuation:** OHC  
**Spark plugs/cylinder:**  
**Identifying marks:** TC stamped on front head  
**Comments:**

### 2.3 LUBRICATION

**Method:** Wet sump **Oil tank location:**  
**Dry sump pump type:** **Location:**  
**Oil cooler standard:** No **Location:**  
**Comments:**

### 2.4 IGNITION SYSTEM

**Type:** Coil & distributor  
**Make:** Mitsubishi  
**Comments:**

### 2.5 FUEL SYSTEM

**Carburettor Make:** Hitachi **Model:** Twin throat  
**Fuel injection Make:** - **Type:** -  
**No. Fitted:** 1 **Size:** 27/22  
**Supercharged:** No **Type:** -  
**Comments:**



## **SECTION 4 - GENERAL**

### **4.1 FUEL SYSTEM**

**Tank Location:** Boot **Capacity:** 45 litres  
**Fuel pump type and location:** Mechanical **Make:** Hitachi  
**Comments:**

### **4.2 ELECTRICAL SYSTEM**

**Voltage:** 12v **Generator/Alternator fitted:** Alternator  
**Battery Location:** Engine bay  
**Comments:**

### **4.3 BODYWORK**

**Type:** 2 Or 4 door sedan or 2 door coupe **Material:** Steel  
**No. of seats:** 4 **No. doors:** 2 or 4  
**Comments:**

### **4.4 DIMENSIONS**

**Track - Front:** 1210mm **Rear:** 1090mm  
**Wheelbase:** 2260mm **Overall length:** 3795mm  
**Dry weight:** 780kg  
**Comments:** This chassis is shared with the R100 and 1200. The dimensions are the same and did not change until the wider FA3TS was released in 1974

**4.5 SAFETY EQUIPMENT :** *Refer applicable Group Regulations*