



MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

www.motorsport.co.za

2nd Floor, Meersig 1, Cnr. Upper Lake Lane & Constantia Boulevard, Constantia Kloof, Roodepoort
e-mail: msa@motorsport.co.za Telephone (011) 675 2220

MSA NATIONAL HISTORIC CIRCULAR 1 OF 2020

The following Circular serves as a clarification of the National Technical Regulations for the Pre 1990 Historic Touring Cars.

PREAMBLE:

The HMC adopted the presented Pre-90 Historic Touring Car regulations at the last commission meeting (August 2019) in their entirety without any changes to such submitted Pre-90 regulations. These regulations were made effective nationally as from 01 January 2020 for use throughout South Africa by all participating historic clubs.

ELIGIBILITY:

As per clause 6 of the Pre-90 regulations, *"The responsibility to prove eligibility is that of the entrant at all times"*.

ENGINES PERMITTED WITHIN PRE-90:

As per Pre-90 regulation clause 3.2 *'The **original standard production cylinder block** for the model must be used. It must be a period correct manufactured block'*.

ENGINE PERMISSIONS AFFORDED:

As per Pre-90 clause 3.17 *'All other engine components are free. Engine capacity may be increased within the confines of the **manufacturers original production engine block'***.

ENGINE TRANSGRESSIONS OBSERVED:

During the HTP inspections performed in the Western Cape on 11th January 2020, certain competitors competing within the Pre-90 category with Volkswagen MkII Golf and Jetta models were observed to have been using non period engine blocks.

ENGINE MODELS PERMITTED FOR THE PERIOD:

The Volkswagen period correct engines were all commonly known as being from either the **EA111** or the **EA827** family range. Engines were available in 1.0L, 1.3L, 1.6L and 1.8L.

MOTORSPORT SOUTH AFRICA IS THE ONLY RECOGNISED MOTORSPORT FEDERATION IN SOUTH AFRICA



Directors: A. Roux (Chairman), A. Scholtz (Chief Executive Officer), A. Taylor (Financial), F. Alibhai, R. Beekun, FC. Kraamwinkel, G. Hall, A. Harri, Dr G. Mills, E. Murray, M. Rowe, R. Schilling, Ms M. Spurr, S. Themba, S. Van der Merwe

Engine designation	Production	Displacement	Engine Code (family)
1.0	1984-1985	1,043 cc (63.6 cu in)	GN (EA111)
1.0	1985-1987	1,043 cc (63.6 cu in)	HZ (EA111)
1.3	1983-1987	1,272 cc (77.6 cu in)	HK/MH (EA111)
1.3	1987-1992	1,272 cc (77.6 cu in)	NZ/2G (EA111)
1.6	1983-1991	1,595 cc (97.3 cu in)	EZ (EA827)
1.6	1986-1990	1,595 cc (97.3 cu in)	RF (EA827)
1.8	1983-1991	1,781 cc (108.7 cu in)	GU (EA827)
1.8 G60	1988-1991	1,781 cc (108.7 cu in)	PG (G60)
1.8 G60	1990	1,781 cc (108.7 cu in)	3G (G60)
1.8 GTI	1983-1992	1,781 cc (108.7 cu in)	EV/PB (EA827)
1.8 GTI 16v	1986-1991	1,781 cc (108.7 cu in)	KR (EA827)
1.8 Rallye	1988-1989	1,763 cc (107.6 cu in)	1H (G60)
1.8 Syncro	1986-1989	1,781 cc (108.7 cu in)	RP (EA827)
1.6 Diesel	1983-1991	1,588 cc (96.9 cu in)	JP (EA827)
1.6 Turbo Diesel	1983-1991	1,588 cc (96.9 cu in)	JR (EA827)
1.6 Turbo Diesel Cat	1989-1992	1,588 cc (96.9 cu in)	SB (EA827)
North American market			
1.8	1985-1987	1,781 cc (108.7 cu in)	GX
1.8 Canada Leaded	1985-1989	1,781 cc (108.7 cu in)	MZ
1.8 GTI	1985-1991	1,781 cc (108.7 cu in)	HT
1.8 GTI	1985-1991	1,781 cc (108.7 cu in)	RD
1.8	1987-1992	1,781 cc (108.7 cu in)	RV
1.8	1985-1991	1,781 cc (108.7 cu in)	PF
1.8 16v	1986-1991	1,781 cc (108.7 cu in)	PL
2.0 16v	1989-1992	1,984 cc (121.1 cu in)	9A
1.6 Diesel	1985-1992	1,588 cc (96.9 cu in)	ME

In 1989 a 2.0L version was also made available. (*Jetta*). The 2.0L engine block code designated by the manufacturer was the **9A** block. The 1989 engine was still denoted as being of the short block type measuring **220mm** in block height.

SHORT BLOCK

2.0 liter 16V

10.0:1 Compression
220 mm BLOCK.

89-92 GOLF/JETTA

In the case of the 2.0L engine, this was often referred to as the '**stroker**' engine with the following internal dimensions – **Bore 82.5, stroke 92.8, 1984cc**:

SHORT BLOCK

2.0 liter

8.5:1 compression

82.5 X 92,8 mm

220mm Stroker motor

ENGINE BLOCKS POST 1989:

Volkswagen engine blocks manufactured post 1989 were later designed to be of the tall (*aka long*) block type and although still designated as the **9A** block up and until 1995, such blocks by then measured **236mm** in block height. These **9A** engine blocks post 1989 are therefore not from within the period ending 31 December 1989 and were not the manufacturers period correct **original standard production cylinder block** as is the regulation requirement for Pre-90 Historic Touring Cars. (Refer to 3.2)

Model	Years	Engine Ir	Engine Ty	Engine Code
Corrado	1991 - 1995	2		9A
Golf	1991 - 1994	2		9A
Jetta	1991 - 1992	2		9A
Jetta (USA/Canada)	1989 - 1994	2.0		9A
Passat	1988 - 1993	2		9A

LONG BLOCK

236mm BLOCK.
WITH ABF HEAD

With Timing Components INSTALLED

all 2.0 liter 16 valves

NON-PERIOD ENGINE BLOCKS:

The following listed 2.0L Volkswagen engine block codes (*among other 2.0L engine blocks not listed here*) were not available from within the period yet are also mistakenly and incorrectly used as a replacement for the period engine block with competitors often incorrectly reasoning that the bore and stroke dimension are still the same as the period correct and eligible short block **9A** engine (**220mm**) which was available from within the period ending 31 December 1989.

Model	Years	Engine Ir	Engine Ty	Engine Code
Corrado	1993 - 1994	2		2E
Golf	1991 - 1994	2		2E
Golf	1992 - 1997	2		ABF
Golf Cabrio	1993 - 1994	2		2E
Golf Variant	1993 - 1994	2		2E
Golf Variant	1993 - 1998	2		ABF
Passat	1990 - 1991	2		2E
Passat	1992 - 1995	2		2E
Passat	1993 - 1998	2		ABF
Sharan	1996 - 1998	2		ABF
Vento	1991 - 1994	2		2E
Vento	1992 - 1998	2		ABF

ENGINE BLOCK ELIGIBILITY PER MODEL:

Although the specific regulation wording regarding the engine block also clearly states within the Pre-90 engine rule that it must be the '**original standard production cylinder block for the model**', *e.g. Golf, Jetta, Passat*, this is not being enforced and may have to be further deliberated upon in future if so deemed necessary.

PERMISSIONS NOT GRANTED:

As per the written Pre-90 permission clarification, ***Any aspect of a car not detailed as permitted is deemed not to be permitted. (Refer GCR 226).*** Effectively, in the absence of any permission being granted to use a non-period block for the model, such is not permitted.

ENGINE BLOCKS NOT ELIGIBLE UNDER PRE-90

Model	Years	Engine Lr	Engine Ty	Engine Code
Golf	1991 - 1994	2		2E
Golf	1991 - 1994	2		9A
Golf	1992 - 2000	2		ABA
Golf	1992 - 1997	2		ABF
Golf	1994 - 1998	2		ADC
Golf	1994 - 1997	2		ADY
Golf	1995 - 1997	2		AEP
Golf	1995 - 2000	2		AGG
Golf	1995 - 2000	2		AKR
Golf	1998 - 2003	2		APK
Golf	1998 - 2003	2		AQY
Golf	1999 - 2000	2		AEG
Golf	1999 - 2000	2		ATU
Golf	2000 - 2001	2		AWF
Golf	2000 - 2001	2		AWG
Golf	2000 - 2003	2		AZH
Golf	2001 - 2003	2		AZJ
Golf	2002 - 2003	2		AZG
Golf Variant	1993 - 1994	2		2E
Golf Variant	1993 - 2001	2		ABA
Golf Variant	1993 - 1998	2		ABF
Golf Variant	1994 - 1998	2		ADY
Golf Variant	1995 - 1998	2		AEP
Golf Variant	1995 - 2001	2		AGG
Golf Variant	1995 - 2001	2		AKR
Golf Variant	1999 - 2003	2		APK
Golf Variant	1999 - 2003	2		AQY
Golf Variant	1999 - 2001	2		ATU
Golf Variant	2000 - 2001	2		AWF
Golf Variant	2000 - 2001	2		AWG
Golf Variant	2001 - 2003	2		AZH
Golf Variant	2002 - 2003	2		AZJ
Jetta	1991 - 1992	2		9A
Jetta	1992 - 1994	2		ABA



BRENDAN SMITH
HISTORIC COMMISSION PRESIDENT

28 January 2020
 162149/144