

**“Timing tool set suitable for CHRYSLER,
JEEP, DODGE Diesel engines”**

Rev.0 012016

FG 192/CH3

TIMING TOOLS



WARNINGS



ALWAYS REFER TO THE VEHICLE MANUFACTURER'S INSTRUCTIONS AND TO THE MANUAL OF THE VEHICLE IN ORDER TO KNOW THE DATA AND PROCEDURES THAT YOU MUST USE. THIS DOCUMENT MUST BE USED ONLY FOR INFORMATION.



ALWAYS USE PROPER PROTECTIVE GLOVES



ALWAYS USE PROPER PROTECTIVE GLASSES



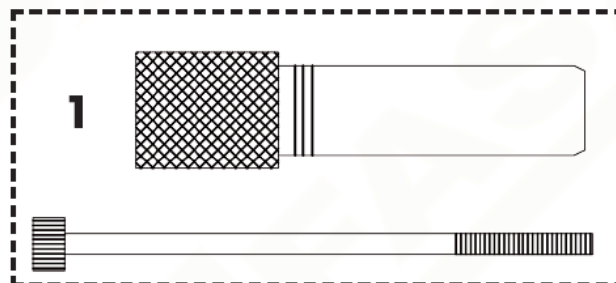
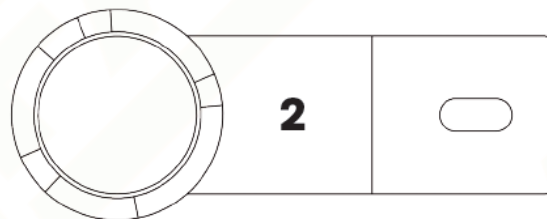
ATTENTION

The wrong timing or out of phase of the engine can result in a damage of the valves. The use of these timing tools is at solely discretion of the user and, the Fasangas Srl can not be held responsible for any damage to the engine caused by the use of these timing tools.

IMPORTANT SAFETY INSTRUCTIONS:

- ALWAYS disconnect the battery earth leads (before check the radio code if it's available)
- DO NOT turn crankshaft or camshaft with the timing belt/chain removed.
- Remove spark plugs to make the engine turn easier.
- ALWAYS turn the engine in the normal direction of rotation (unless otherwise stated).
- Mark the position of the crankshaft position sensor before disassembly (If it's supplied).
- NEVER turn the crankshaft via camshaft or other gears.
- ALWAYS observe all tightening torques.
- NEVER use cleaning fluids on belts, sprockets or rollers

CONTENT DESCRIPTION: SPECIAL TOOLS



REF.	FASANO TOOLS code	OEM code	Description / Use
1	FG 192/CH3-1	VM.9992	Crankshaft locking tool
2	FG 192/CH3-2	VM.9991	Exhaust camshaft locking tool

APPLICATIONS

CHRYSLER

TOOLS	MODEL	kW (hp)	ENGINE CODE	ENGINE	
1, 2	Grand Voyager (2008-2011)	120 (163)	VM64C	2,8	CRD
1, 2	Grand Voyager (2008-2011)	120 (163)	ENS (VM64C)	2,8	CRD
1, 2	Grand Voyager (2011-2015)	120 (163)	ENS	2,8	CRD
1, 2	Grand Voyager (2011-2014)	118 (161)	ENS	2,8	CRD
1, 2	Grand Voyager (2013-2015)	131 (178)	ENS	2,8	CRD

DODGE

TOOLS	MODEL	kW (hp)	ENGINE CODE	ENGINE	
1, 2	Nitro (2007-2011)	130 (177)	ENS (VM51C/52C)	2,8	CRD
1, 2	Nitro (2007-2011)	128 (174)	ENS	2,8	CRD

JEEP

TOOLS	MODEL	kW (hp)	ENGINE CODE	ENGINE	
1, 2	Cherokee (2011-2013)	147 (200)	ENS	2,8	CRD
1, 2	Cherokee (2011-2013)	147 (200)	ENS (VM12D/13D)	2,8	CRD
1, 2	Cherokee (2008-2011)	130 (177)	ENS (VM51C/52C)	2,8	CRD
1, 2	Cherokee (2008-2011)	130 (177)	ENS (51C)	2,8	CRD
1, 2	Wrangler (2007-2011)	128 (174)	ENS	2,8	CRD
1, 2	Wrangler (2010-2013)	147 (200)	ENS VM10D	2,8	CRD
1, 2	Wrangler (2007-2011)	130 (177)	49C	2,8	CRD
1, 2	Wrangler (2007-2011)	130 (177)	50C	2,8	CRD