



CONTENT:

3 Suspensions

Shock absorber spring locking tool

Supporting tool to be used with the spring strut compressor of GOVONI range.
Suitable for all the spring compressors on the market without safety system



6 Support systems

Universal engine support with telescopic and rotating arms

Equipped with two sliding hooks to fit to underbody of every vehicle



8 Timing Tools

Timing tool set suitable for OPEL 1.0 - 1.2 - 1.4 and CHEVROLET 1.2 - 1.4 ecoFLEX

Models:
Corsa, Astra, Meriva, Zafira
Engine:
1.0 - 1.2 - 1.4 ecoFLEX
Engine codes:
A110EFP, A12XEL, A12XER,
UJ/A14NET, UJ/A14NEL,
UJH/A14NEL, LDO/A14XER, LDO/A14XEL



Diagnostic wheel alignment tool set for hubs and shock absorbers, 18 pcs

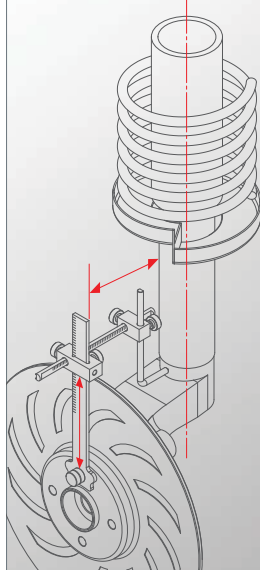
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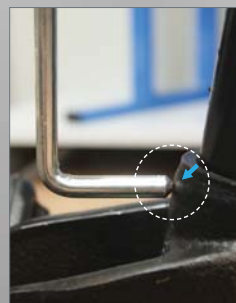
- Special diagnostic tool set, necessary for strain detection on hubs, shock absorbers and rear axle; with this tool the operator is able to find the non-conforming parts that have to be replaced because of collisions or potholes on the road.
- Collisions or potholes on the road, pavements and crashes in general, may cause damages on the suspension system and corrupting the camber measure. So are coming more and more problems of roadworthiness, and unusual tyre usage.
- Able to identify with certainty the real reason which is compromising the camber measure between hub and shock absorber.
Use directly on the hub wheel.
Fast use and easy measurement of both hubs.
Advantages of this GOVONI tool set are giving an immediate trial of the balance problem, high time saving for identifying the real damaged part and finally high cost saving for the mechanic.

IMMEDIATE TRIAL ON THE WHEEL CAMBER

HUBS, FRONT AXLE AND REAR AXLE FAST CHECK UP



Adjust the pointing measuring tool against the fixing shock-absorber seat



Refine measurement using the pointer stick



Unscrew the fixing bolt from the disc and mount the wheel alignment tool on the opposite hub wheel

As a result of different pointer stick position, result is that the HUB require to be replaced. On the contrary, if any difference is pointed out, the problem is occurring to the shock absorber



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Technical sheet Download



	321055000	321111000
AUDI: A1,	✓	✓
CHEVROLET: Matiz, Spark	✓	✓
CITROËN: C1, C3, Ds3, C2, C3, Picasso	✓	✓
DACIA: Logan, Sandero, Duster,	✓	✓
FCA: Punto Evo, 500, Fiorino, Grande Punto, Panda, Kubo, Mito, Giulietta, Ypsilon	✓	✓
FORD: Fiesta, Fusion, Ka	✓	✓
HONDA: Insight, Jazz, Civic, Crz	✓	✓
HYUNDAI: i20, i10, ix20, i30, Genesis, i40	✓	✓
KIA: Picanto, Venga, Rio	✓	✓
LEXUS: Rx, Ct	✓	✓
MAZDA: CX-3, 2	✓	✓
MINI: Cooper, Mini	✓	✓
MITSUBISHI: Colt, Space, Star	✓	✓
NISSAN: Cube, Pixo, Micra, Note	✓	✓
OPEL: Agila, Corsa, Adam, Karl	✓	✓
PEUGEOT: 206+, 107, 208, Rcz, 207, 308	✓	✓
RENAULT: Grand Scenic, Wind, Clio, Twingo, Captur, Modus	✓	✓
SEAT: Ibiza, Mii	✓	✓
SKODA: Citigo, fabia, Rapid	✓	✓
SMART: Fortwo, Fortour	✓	✓
SUZUKI: Alto, Splash, Swift, Celerio	✓	✓
TATA: Nano	✓	✓
TOYOTA: Yaris, Iq, Prius, Auris, Aygo	✓	✓
VOLKSWAGEN: Polo, Golf 4, Golf 5, Upl, Fox	✓	✓

up to 1200 Kg

321 055 000
Machine dimensions: 520x300x1400 mm
Packaging dimensions: 650x400x1400 mm
Machine weight: 65 Kg
Working pressure: max 8 bar
Cylinder stroke: 330 mm
CE approved machine in compliance with 2006/42/CE (Machine Directive)



MAX 1250 Kg

AUDI: A3, A4, Q3, TT, A5	✗	✓
BMW: Serie 1, Serie 2, Serie 3, Serie 4, Serie 5, X1, X3	✗	✓
CITROËN: C4, C4 Picasso, C5, C-Crosser, Jumpy, Ds4, Jumper	✗	✓
DACIA: Duster, Logan	✗	✓
CHEVROLET: Orlando	✗	✓
FCA: Dabla, 500L, Bravo, Fiorino, 159, Delta	✗	✓
FORD: Focus, Kuga, Fusion, Mondeo, C-Max	✗	✓
HONDA: Accord, Civic	✗	✓
HYUNDAI: ix35, i30, i10, ix20	✗	✓
KIA: Ceed, Venga, Soul	✗	✓
MAZDA: Cx-7, 3, 5	✗	✓
MERCEDES: Classe-B, Classe-A, Classe-C, E, Vito	✗	✓
MINI: Cooper, Mini Countryman	✗	✓
MITSUBISHI: Asx, Lancer, Outlander, Pajero	✗	✓
NISSAN: Qashqai, Juke, Leaf, Cube	✗	✓
OPEL: Astra, Insignia, Meriva, Zafira	✗	✓
PEUGEOT: Rcz, 3008, 5008, 508, 607, 407, Partner	✗	✓
RENAULT: Fluence, Grand Scenic, Koleos, Megane Iii, Kangoo, Laguna, Scenic, Espace, Latitude	✗	✓
SEAT: Leon	✗	✓
SKODA: Yeti, Roomster, Superb, Octavia	✗	✓
SUZUKI: Sx4	✗	✓
TOYOTA: Avensis, Prius, Verso, Auris	✗	✓
VOLKSWAGEN: Golf 6, Scirocco, Polo, Caddy, Tauran, Tiguan, Sharan	✗	✓

more than 1200 up to 2000 Kg

321 111 000
Machine dimensions: 680x845x1580/2270 mm
Packaging dimensions: 750x750x1700 mm
Machine weight: 93 Kg
Working pressure: max 8 bar
Cylinder stroke: 330 mm
Stroke: 486 mm
CE approved machine in compliance with 2006/42/CE (Machine Directive)



MAX 2500 Kg

AUDI: A5, A6, A8, Q5, Q7, A6	✗	✓
BMW: Serie 6, Serie 7, X5, X6	✗	✓
CITROËN: Boxer	✗	✓
FCA: Ducato, Scudo, Jeep Cherokee, Jeep Grand Cherokee, Jeep Renegade, Jeep Wrangler, Freemont	✗	✓
FORD: EcoSport, Edge	✗	✓
HONDA: CRV, HRV	✗	✓
HYUNDAI: SantaFè, Tucson	✗	✓
KIA: Sorento, Spartage	✗	✓
LAND ROVER: Freelander, Discovery 4, Discovery Sport, R.R. Evoque, Range Rover	✗	✓
LEXUS: RX, CT, GS, LS	✗	✓
MAZDA: 6	✗	✓
MERCEDES: Classe-E, Vito, Classe-M, Classe-G, GLA, GLC, GLE, GLK, GLS, ML, Classe-V	✗	✓
NISSAN: Qashqai	✗	✓
OPEL: Mokka, Antara	✗	✓
PORSCHE: Cayenne, Macan	✗	✓
RENAULT: Trafic, Megane Initial, Kadjar, Master	✗	✓
SSANGYONG: Korando, Rexton, Tivoli	✗	✓
SUZUKI: Sx4, Vitara, S-Cross, Jimny	✗	✓
TOYOTA: Land Cruiser, RAV4,	✗	✓
VOLKSWAGEN: Passat, Volkswagen Crafter, Touareg	✗	✓
VOLVO: V50, C30, XC70, XC60, XC90	✗	✓

more 2000 Kg

SUSPENSIONS



MAX 2500 Kg

Pneumatic coil spring compressor - extra heavy duty - for passengers cars, suv, armour-plated and commercial vehicles

- ➔ Included:
 - 1 Basic unit 2.452 Kg, 330 mm stroke
 - 2 Bracket Ø 78 - Ø 130 mm - SMALL
 - 3 Bracket Ø 105 - Ø 182 mm - MEDIUM
- ➔ Bracket supporting plate with double positioning to increase the range of coil spring compressible 4
- ➔ Interlock protection systems on pneumatic cylinder, foot-pedal and safety guard for total safety while working
- ➔ Upper adjustable mirror for a better centering of the shock absorber cap during assembling operation 5
- ➔ Enhanced safety cage protection with additional high-resistance polycarbonate panel to avoid wrong usage of the machine during compression 6
- ➔ New swinging upper jaws system to better anchoring on the spring, self-adjusting during compression 7
- ➔ Machine supplied with small and medium bracket to compress almost all the coil springs on the market
- ➔ Shock absorber stem supporting plate to facilitate the work of disassembly by the operator 8
- ➔ Equipped with rear wheels for easy movement inside the garage 9
- ➔ CE approved machine in compliance with 2006/42/CE (Machine Directive)

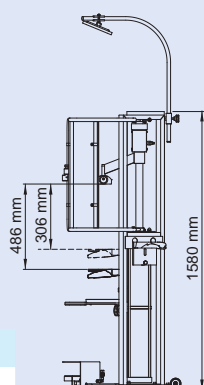
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SMALL



MEDIUM

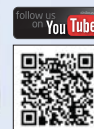
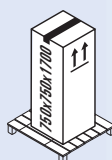


Working pressure: max. 8 bar

Cylinder stroke: 330 mm

UPPER POSITION

LOWER POSITION

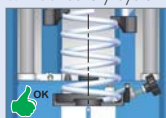


UPGRADE OPTION +

Shock absorber spring locking tool

321090000

- ➔ This tool is necessary to lock the spring to the brackets during compression and release operations. Suitable for all the spring compressors on the market without safety system



321053000

Bracket suitable for Mercedes Benz



Mercedes Benz: Class C starting from 2010

321097000

Upper bracket for Mercedes Benz



Mercedes Benz: Class A, B, C, E

321088000

Universal vice for shock absorber with short coils BMW, AUDI, TOYOTA, etc



Universal: min. Ø40 mm. - max. Ø60 mm.



3230340000

Universal

DISASSEMBLY	Ø 62	Ø 66	Ø 68	Ø 72	Ø 75	Ø 78	Ø 82	Ø 85
ASSEMBLY	Ø 62	Ø 66	Ø 68	Ø 72	Ø 75	Ø 78	Ø 82	Ø 85

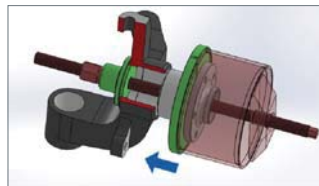
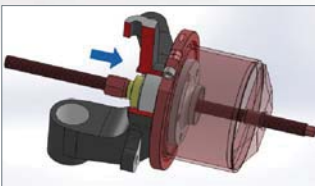
Tool set for compact wheel hub/bearing unit, 33 pcs

- This UNIVERSAL Govoni kit is the solution to pull out and mount the new Hubs with new Bearing Unit HBU2 (assembled unit including hubs and bearings)
- **ASSEMBLY/DISASSEMBLY:** Thanks to its features, it can work on bearings from a diameter of Ø62 mm to Ø85 mm
- The main advantages are:
 - UNIVERSAL disassembling system (suitable to all the models)
 - Use directly on the vehicle
 - Safety use in assembling/disassembling (no breakage or damage of the hub)
 - It reduces working time of 25% compared to common tools



DISASSEMBLY

ASSEMBLY



GO OPERATING DIRECTLY ONTO THE VEHICLES



Universal

271004000

Hydraulic hand pump - 700 Bar aluminium body

COMPACT, ERGONOMIC AND LIGHT DESIGN



Working pressure:	400-700 Bar
Hose length:	1,8 mt.
Connection:	M 3/8"
Speed/stroke:	single
Oil tank capacity:	700 cm³



UPGRADE OPTION

323044000

Complete bearing front axle unit set



BEARINGS	BRAND
Ø 75	Mitsubishi COLT, Smart FORFOUR

UPGRADE OPTION

323037000

Additional set for hub/bearing assembly



BEARINGS	BRAND
Ø 62	Audi, VW

323038000

Additional set for hub/bearing assembly



BEARINGS	BRAND
Ø 66	Skoda
Ø 68	Citroën, Renault

UPGRADE OPTION

323039000

Additional set for hub/bearing assembly



BEARINGS	BRAND
Ø 72	Audi, Seat
Ø 75	Mitsubishi, Smart
Ø 78	Volvo

323040000

Additional set for hub/bearing assembly



BEARINGS	BRAND
Ø 82	Ford, Volvo
Ø 85	4x4, SUV

DISASSEMBLY

Ø 62	Ø 66	Ø 68	Ø 72	Ø 75	Ø 78	Ø 82	Ø 85
------	------	------	------	------	------	------	------

ASSEMBLY

Ø 82	Ø 85
------	------

Tool set for compact wheel hub/bearing unit, 21 pcs

- This Govoni kit is the solution to pull out and mount the new Hubs with new Bearing Unit HBU2 (assembled unit including hubs and bearings)
- **ASSEMBLY:** it can work on bearings with an external diameter from Ø82 mm up to Ø85 mm
- **DISASSEMBLY:** it can work on bearings with an external diameter from Ø62 mm up to Ø85 mm
- The main features of the kit are efficiency and fast use, endurance and heavy duty components



HOT
PATENT GOVONI PENDING



GO OPERATING DIRECTLY ONTO THE VEHICLES





HUBS/BEARINGS

322015000

Universal

DISASSEMBLY from $\varnothing 34$ to $\varnothing 82$ ASSEMBLY from $\varnothing 34$ to $\varnothing 82$

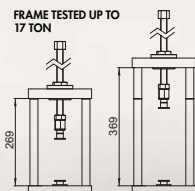
Press tool set for silentblocks mechanically operating, 42 pcs

- ➔ Kit for assembly/disassembly for silentblock of rear deck, swinging arms, oil seal crankshaft introduction, camshaft
- ➔ Suitable to all cars and commercial vehicle silentblock
- ➔ The tool can be used without disassembling the swinging arms thanks to its tie-rods
- ➔ It helps the work on the press thanks to the available bushings



GO OPERATING DIRECTLY ONTO THE VEHICLES
20 DIFFERENT BUSHES $\varnothing 34$ TO $\varnothing 82$ MM
6 DIFFERENT WASHERS

FRAME TESTED UP TO 17 TON



UPGRADE OPTION

17 TO

Go-through hydraulic cylinder

Dimensions: for spindles up to $\varnothing 20.4$ mm
 Stroke: 43 mm
 Pressure: max. 700 Bar
 Weight: 4 Kg
 Size: $\varnothing 90 \times 155$ mm
 Outside thread: 2" 3/4-16 UN
 Connection: F 3/8"



UPGRADE OPTION

16 TO

270026000

Mechadraulic screw - 16 Tons, 20 mm stroke

Force: 156.960 N
 Stroke: 20 mm
 Dimensions: $\varnothing 38 \times 225$
 Max. driving torque/ Max. pressure: 38 Nm / 2.600 Bar
 Weight: 1,7 Kg



322020000

Universal

DISASSEMBLY from $\varnothing 34$ to $\varnothing 82$ ASSEMBLY from $\varnothing 34$ to $\varnothing 82$

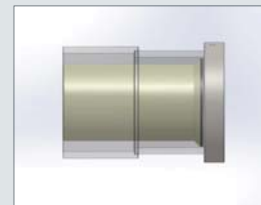
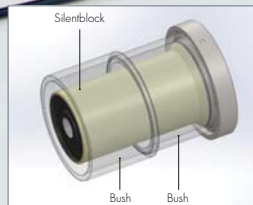
Tool set for silentblocks, 40 pcs

- ➔ The bushings can be used directly on the vehicle or under the press
- ➔ Suitable for assembly/disassembly for silentblock of rear deck, of engine support, swinging arms oilseals, introduction of crankshaft and camshaft, etc
- ➔ It can be used without dismantling the swinging arms, thanks to its tie-rod
- ➔ Useful for assembly/disassembly of wheel bearings
- ➔ The set is suitable for all measures silentblocks
- ➔ It helps the work on the press thanks to different bushings available



MODULAR MOUNTING BUSHING TO REMOVE SILENTBLOCK UP TO L = 100

COMPACT DESIGN TO GO OPERATING DIRECTLY ON VEHICLE



UPGRADE OPTION

+

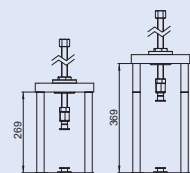
322026000

Press for silentblocks mechanically operating

- ➔ Frame tested up to 17 ton



TOOL EXTENSIBLE WITH TWO ADDITIONAL BARS



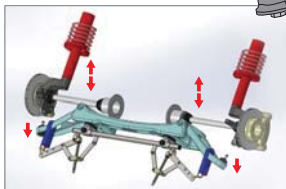
GO OPERATING DIRECTLY ONTO THE VEHICLES



322010000

Special device for swinging arms removal, suitable for cars and commercial vehicles

- ➔ Only one operator required to carry out the entire assembly
- ➔ Simultaneous removal of both swinging arms
- ➔ Detachment through high resistance belt which guarantees safety and keeps arms intact
- ➔ Sliding support feet to fit any underbody
- ➔ Suitable for all vehicle widths
- ➔ Max torque 50Nm



Universal



OPERATED VIA PNEUMATIC IMPACT WRENCH
50% TIME SAVING COMPARED TO TRADITIONAL LEVER ARM DETACHING TOOLS ON THE MARKET
75% TIME SAVING COMPARED TO TRADITIONAL MOUNTING SYSTEMS



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400 Kg

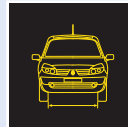
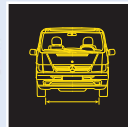
314032000

Universal engine support with telescopic and rotating arms

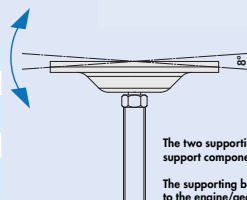
- ➔ This special device allows to support the engine when the side engine bracket is removed, e.g. during maintenance on timing belts, water pumps or tensioner rollers
- ➔ Equipped with two sliding hooks to fit underbody on every vehicle
- ➔ After loosening the fastenings, the device safely holds the vehicle engine in its compartment (time savings and higher safety at work)
- ➔ Thanks to this device, it is possible to work at the engine control (belt drive) without using engine cranes or transmission lifts, the engine compartment is freely accessible



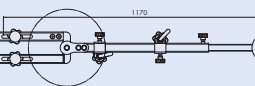
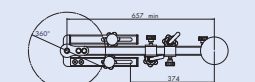
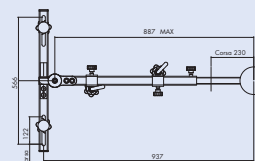
Universal



Telescopic arm:	to 230 mm
Load capacity:	400 Kg
Sliding telescopic arm extension:	min. 657 / max 887
Side-arms extension:	min. 322 / max 566
Arms rotation of 360°; the device can be closed completely in order to be stored in small spaces	



The two supporting feet are adjustable in height to the vehicle frame, with the support components covered with polyurethane
 The supporting base, it's adjustable in height and it floats up to 8° to match perfectly to the engine/gear surface. It's covered with a non-slip rubber



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Technical sheet Download



VALVES



125 Kgf

31502000

Pneumatic valve spring compressor

- ➔ Universal pneumatic tool for assembling and disassembling engine valves, suitable for all types of valves on petrol and diesel engines
- ➔ Specially made for engines with 4/5 valves per cylinder



➔ Included:

- 1 Pressure foot Ø 25,5 with 5 adaptors: 24,5 - 25 - 27 - 29 - 32 mm
- 2 Pressure foot Ø 34 with 3 adaptors: 34 - 41 - 50 mm
- 3 Pressure foot Ø 19,8 mm

€ 398,00*



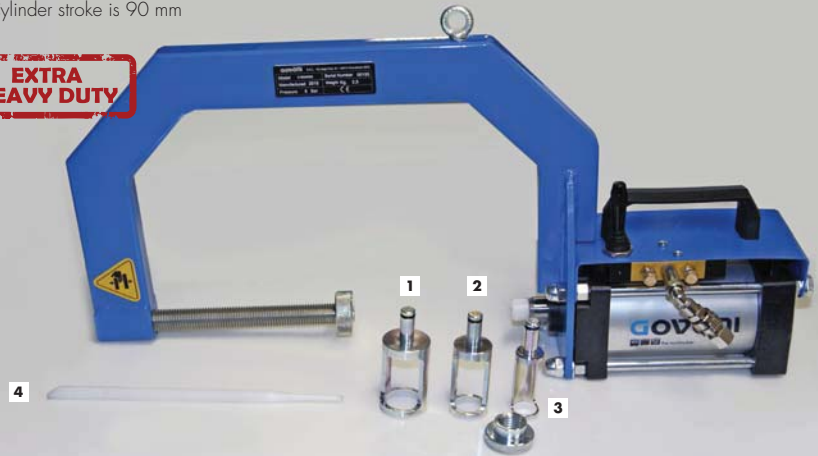
500 Kgf

315024000

Extra heavy duty pneumatic valve spring compressor

- ➔ Pressure feet supplied to work on springs from 19 mm up to 50 mm (3/4" to 2") diameter. Quick and precise adjustment in millimeters increments thanks to its locking handle
- ➔ It needs only 6 bar (90 psi) of air compressed to be operated. With a working pressure of 10 bar (145 psi) the spring compressor force is 500 Kgf (1.102 lbf)
- ➔ Cylinder stroke is 90 mm

EXTRA HEAVY DUTY



➔ Included:

- 1 Pressure foot Ø 40 mm
- 2 Pressure foot Ø 32 mm
- 3 Pressure foot Ø 23,5 mm
- 4 Magnet - Length = 165 mm



Machine dimensions:	485x375x135 mm
Pack dimensions:	485x375x185 mm
Machine weight:	7,2 Kg
Packaging weight:	9 Kg
Working pressure:	min 6 bar, max 10 bar
Power:	10 bar=500 Kgf
CE approved machine in compliance with 2006/42/CE (Machine Directive)	

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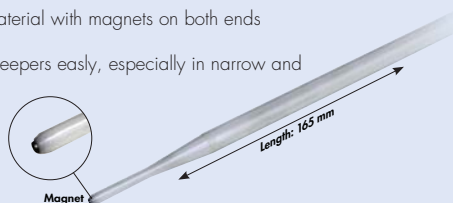
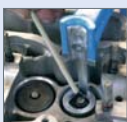


UPGRADE OPTION

Valve keeper magnet

315020007

- ➔ Handy tool in plastic material with magnets on both ends
- ➔ Used to pick up loose keepers easily, especially in narrow and difficult areas

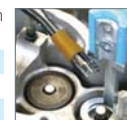


Complete valve keepers kit

315020031

- ➔ The valve keeper installation tool is especially designed for multi groove keepers
- ➔ The valve keeper tool is available in five sizes: 5 mm, 6 mm, 7 - 8 mm

Keeper tool Ø 5 mm	315020008
Keeper tool Ø 6 mm	315020009
Keeper tool Ø 7-8 mm	315020010



UPGRADE OPTION

Manual bench complete with 3 pressure feet with adaptors

315019000

- ➔ **Adjustable head support:** the two head supports are adjustable from 0 to 30°. It is also possible to regulate the horizontal position of the head moving the pins to the opposite holes up and down
- ➔ **Adjustable push rod:** there is a long regulation also for the push rod in case of deep valve chambers
- ➔ **Adjustable C-frame:** the compression frame can be rotated 30° on both sides
- ➔ **Slide hammer and travel limit:** the bench is also provided with a Travel limit device that guarantees the same stroke for each valve
- ➔ **Blocking system:** the valve spring is compressed, the operator can block the position using the opposite pin

➔ Included:

- 1 Pressure foot Ø 25,5 with 5 adaptors: 24,5 - 25 - 27 - 29 - 32 mm
- 2 Pressure foot Ø 34 with 3 adaptors: 34 - 41 - 50 mm
- 3 Pressure foot Ø 19,8 mm



Dimensions:	785x500x625 mm
Stroke:	265 mm
Cylinder head:	750 mm
Length:	185 mm min.
Inclination angle:	0° - 30°
Total weight:	25,5 Kg





OPEL FIAT ALFA

Timing tool set suitable for FIAT Group 1.6 - 1.9 - 2.0 - 2.4 diesel, 6 pcs



APPLICATION:

ALFA ROMEO: 145, 146, 147, 156, 159, 166, Giulietta, MiTo
FIAT: Punto, Punto Evo, Grande Punto, Brava/Bravo Marea, Linea, Idea, Weekend, Stilo, Doblo/Cargo/WorkUp, Multipla, Delta Musa, 500L, Lybra, Thesys
LANCIA: Lybra, Thesys
Engine: 1.6D Multijet 115, 1.6D Multijet 120, 1.6D Multijet 90, 1.6D Multijet 105, 1.6D JTDm 16V, 1.9D, 1.9D 16V/Multijet 150, 1.9D JTD, 1.9D JTD 100, 1.9D JTD 110, 1.9D JTD 115, 1.9D JTD 80, 1.9D JTD 16V, 1.9D Multijet 100, 1.9D Multijet 120, 1.9D Multijet 130, 1.9D Multijet 105, 1.9D Multijet 140, 1.9D Multijet 150, 1.9D Multijet 90, 1.9D TD 100, 1.9D TD 75, 2.0D Multijet 135, 2.0D Multijet 165, 2.0D JTDm 16V, 2.4D JTD, 2.4D JTD 20V, 2.4D JTD 125, 2.4D JTD 130, 1.9 CDTi, 1.9 CDTi, 1.9 Td, 1.9 TTD, 1.9 XTtD
Engine codes: 955A4.000, 350A3.000, 192B4.000, 198A2.000, 350A2.000, 955A3.000, 192A8.000, 198A6.000

310234000

Flywheel locking tool

APPLICATION:

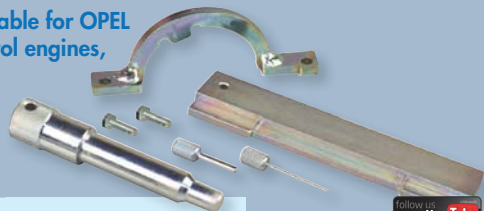
ALFA ROMEO: 147, 156, 145, 146, Giulietta, MiTo
FIAT: Brava, Bravo, Marea, Marea Weekend/Marengo, Multipla, Doblo, Doblo Cargo, Palio Weekend, Punto/Punto Classic, Strada Pick-up, Idea, Stilo, Doblo Work Up, Linea, Grande Punto, Punto, Punto Evo
LANCIA: Musa, Delta, Lybra
Engine: 1.9 JTD, 1.6 Multijet 120, 1.6 Multijet 105, 1.6 Multijet 90, 1.9 JTD 105, 1.9 JTD 100, 1.9 JTD 80, 1.9 D, 1.9 JTD/Multijet 100, 1.6 Multijet 115, 1.9 JTD, 1.6 JTDm 16V, 1.6, 1.9 JTD/Multijet 100, 1.6 Multijet 120, 1.6 Multijet 115, 1.9 JTD, 1.6 120 M-Jet
Engine codes: 182B4.000, 182B9.000, 188A2.000, 188A3.000, 188A7.000, 188B2.000, 198A6.000, 198A2.000, 198A3.000, 350A2.000, 350A3.000, See all engine application on the instruction manual



OPEL

310019000

Timing tool set suitable for OPEL 1.0 - 1.2 - 1.4 petrol engines, 7 pcs



APPLICATION:

OPEL: Corsa, Agila, Astra, Meriva
SUZUKI: Wagon R+
Engine: 1.0 12V., 1.0 16V, 1.2 16V, 1.4 16V (chain)
Engine codes: X10XE, Z10XE, Z10XEP, X12XE, Z12XE, Z14XEP, Z12XEP, Z14XEL

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CHRYSLER

310243000

Timing tool set suitable for CHRYSLER 2.5 - 2.8 diesel engines, 7 pcs



CHRYSLER APPLICATION:

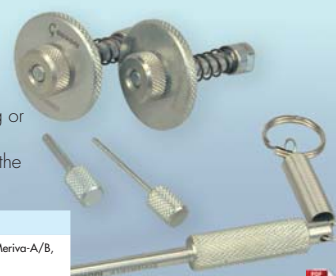
Models: Jeep, Voyager, Grand Voyager
Engine: 2.5-2.8 CRD
Engine codes: R2516C, R2516K, R2816C5, R2816K4

OPEL FORD FIAT

310213000

Timing tool set suitable for OPEL 1.3 CDTi engines, 5 pcs

→ Preventing the engine shafts (e.g. camshafts, crankshaft) from turning or to keeping them in a specific position adjusting the tensioner while changing the timing chain



APPLICATION:

OPEL: Agila/B, Astra-H/J, Combo-C/D, Corsa-C/D, Meriva-A/B, Tigra-B, Zafira-B/Family
FORD: Ka
SUZUKI: Ignis, Splash, Swift, Wagon R+
FIAT: 500/C/L/Living/MPW, Doblo/Cargo/Work Up, Fiorino, Grande Punto, Idea, Linea, Panda/Panda Classic, Grande Punto/Punto/Evo/Classic, Qubo, Strada Pick-up
Engine: 1.3 CDTi, 1.3 CDTi ecoFLEX, 1.3 TDCi, 1.3 DDiS
Engine codes: Z13DT, Z13DTE, Z13DTH, Z13DTJ, Z13DTR

Technical sheet Download



OPEL CHEVROLET

310252000

Timing tool set suitable for OPEL 1.0 - 1.2 - 1.4 and Chevrolet 1.2 - 1.4 ecoFLEX, 6 pcs



OPEL APPLICATION:

Models: Corsa, Astra, Meriva, Zafira
Engine: 1.0 - 1.2 - 1.4 ecoFLEX
Engine codes: A10XEP, A12XEL, A12XER, LUJ/A14NET, LUJ/A14NEL, LUH/A14NEL, LDD/A14XER, LDD/A14XEL

BMW

310218000

Timing tool set suitable for BMW N43 petrol engines, 7 pcs



BMW APPLICATION:

Models: Serie 1: 116i, 118i, 120i [E81/82/87/88], Serie 3: 316i, 318i, 320i [E90/91/92/93], Serie 5: 520i [E60/61]
Engine: 1.6, 1.8, 2.0
Engine codes: N43 B16A/AA, N43 B16AA, N43 B16AA/OO, N43 B20A, N43 B20A/AA, N43 B20AA, N43 B20AY, N43 B20K0, N43 B20U0

Technical sheet Download



BMW

310249000

Timing tool set suitable for BMW/MINI 1.4 - 1.6 petrol engines, 8 pcs



BMW/MINI APPLICATION:

Models: Mini One 2001-06, Mini Cooper 2001-06, Mini Cooper S 2002-06
Engine: 1.4, 1.6
Engine codes: W10B16AA, W10B16BA, W11B16AA



TIMING TOOLS

See all engine applications on the toolfinder.govoni.it

follow us on YouTube



FORD

310176000

Timing tool set suitable for FORD 1.2 - 1.4 - 1.6 Ecoboost petrol engines, **5 pcs**



APPLICATION:

FORD: Fiesta, Focus, CMax, Mondeo, Fusion

Engine: 1.25, 1.4, 1.6 Ti-VCT, 1.6 SCTi Ecoboost, 1.6 16V

Engine codes: F8JA, F8JB, FUJA, M7JA, M7BJ, SNJA, SNJB, STJA, STJB, ASDA, ASDB, FXDA/C, FXDB/D, FXJA, FXJB, FXJC, SPJA

FORD

310226000

Timing tool set suitable for FORD 1.0 Ecoboost petrol engines, **6 pcs**



APPLICATION:

FORD: B-MAX, C-MAX, EcoSport, Fiesta

Engine: 1.0 Ecoboost, 1.0 SCTi Ecoboost

Engine codes: SFJA, SFJB, M1DA, M2DA, M1JC, M1JE

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310247000

Variable camshaft timing kit suitable for FORD 1.0 engines, **2 pcs**



UPGRADE OPTION

FORD MAZDA

310225000

Timing tool set suitable for VOLVO, FORD and MAZDA 1.4 - 1.5 - 1.6 - 1.8 - 2.0 - 2.2 - 2.5 diesel engines, **15 pcs**



APPLICATION:

FORD: C-Max, Courier, Escort, Fiesta, Fiesta Econetic, Focus, Focus C-Max, Fusion, Galaxy, Mondeo, Orion, Tourneo Connect, Transit, Transit Connect, B-Max, EcoSport

Engine: 1.4D TDCi, 1.5 TDCi, 1.6D TDCi, 1.8D, 1.8D TCI, 1.8D TDdi, 1.8D TDCi, 1.8D Turbo, 2.0D TDCi, 2.2 TDCi, 2.5D, 2.5D Turbo

Engine codes: F6JA, F6JB, F6JC, F6JD, TZJA, TZJB, G8DA, G8DB, HFDA, HFDB, HHJA, HHJC, HHJD, HHJE, HHJF, RTA, RTB, RTC, RTD. See all engine application on the instruction manual

MINI PSA

310156000

Timing tool set suitable for MINI and PSA Group 1.4 - 1.6 petrol engines, **10 pcs**



APPLICATION:

CITROËN: Berlingo 3, C3 3, C3 Picasso, C4/C4

PEUGEOT: Picasso/Grand Picasso, 207, 208, 307, 308, 508, 2008, 3008, 5008

MINI: Mini (R56/57) One, Mini (R56/57) One/First, Mini (R56/57) Cooper, Mini (R56/57) Cooper S

Engine: 1.4VTi (Valvetronic), 1.6VTi (Valvetronic), 1.6THP (direct ignition)

Engine codes: EP3(8FS), EP6(5FW), EP6DT(5FX), EP6DTS(5FY), N12, N14

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VW

310179000

Timing tool set suitable for VW Group 1.2 - 1.4 - 1.6 petrol engines, **8 pcs**



VW GROUP APPLICATION:

VW: Polo, Golf, Golf VI Cabrio, Golf Plus, Golf Variant, Touran, Eos, Passat, Jetta, Scirocco, Beetle, Sharan, Tiguan, Caddy, Caddy Maxi, Fox

AUDI: A3

SEAT: Cordoba, Ibiza

SKODA: Fabia, Roomster

Engine: 1.2 6V, 1.2 12V, 1.4 TSI, 1.6 16V, 1.6 FSI

Engine codes: AWY, BBM, BMD, CHFA, AZQ, BME, BZG, CGPA, CGPB, AXU, BKG, BLN, BLG, BMY, BWK, CAVA, CAVB, CAVC, CAVD, CAXA, BTS, BAG, BLF, BLP, CEVA

RENAULT NISSAN

310212000

Timing tool set suitable for RENAULT/NISSAN 1.6 diesel engines, **4 pcs**



APPLICATION:

RENAULT: Megane, Scenic, Grand Scenic

NISSAN: Qashqai e Qashqai+2

Engine: 1.6 dCi

Engine codes: All R9M engines

VW

310224000

Timing tool set suitable for VW Group 1.0 petrol engines, **5 pcs**



VW GROUP APPLICATION:

VW: Up, Polo

SEAT: Mii

SKODA: Citigo, Fabia

Engine: 1.0, 1.0 Bluetmotion Technology, 1.0 Ecofuel, 1.0 Ecomotive, 1.0 Green Tech

Engine codes: CHYA, CHYB, CPGA

VW

310246000

Timing tool set suitable for VW Group 1.6 - 2.0 CR TDi - year 2012, **10 pcs**



VW GROUP APPLICATION:

VW: Golf SV/Sportsvan, Golf VII, Golf VII Estate, Golf VII Wagon, Polo

AUDI: A3/A3 Sportback, A4, A4 allroad, A4 quattro, A5 Coupe/Cabriolet, A5

SEAT: Leon, Leon ST

SKODA: Octavia III

Engine: 1.6 - 2.0 CR TDi

Engine codes: CKFB, CKFC, CLHA, CLHB, CNHA, CNHC, CRBC, CRBD, CRFA, CRFC, CRKA, CRKB, CRLB, CRLC, CRMB, CRVA. See all engine application on the instruction manual

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VW

310116000

Timing tool set suitable for VW Group 1.2 - 1.4 - 1.9 - 2.0 petrol and diesel engines, **8 pcs**



VW GROUP APPLICATION:

VW: Beetle, New Beetle, Bora, Caddy, Caddy Maxi, Eos, Fox, Golf, Golf Plus, Golf Estate, Jetta, Jetta III

AUDI: A2, A3, A3 Cabrio, A4, A4 4WD, A5 Alhambra, Altea, Altea XL, Arosa, Cordoba, Exeo, Fabia, Fabia II, Octavia, Octavia Tour, Octavia II, Roomster, Superb, Superb II

Engine: 1.2 TDi PD, 1.4 TDi PD, 1.9 SDi, 1.9 TDi PD, 2.0 TDi PD

Engine codes: AJM, AMF, ANU, ANY, AFN, ARL, ASZ, ATD, ATJ, ATL, AUY. See all engine application on the instruction manual



BOSCH DELPHI DENSO SIEMENS

Universal kit for injector removal, equipped with pliers and slide hammer, 8 pcs

- ➔ This kit allows injector removal with two different procedures
- ➔ OPTION 1: Using the plier tool which perfectly fits into the shape of the injector
- ➔ OPTION 2: Using the articulated joint adaptor and the pivot, which has to be screwed to the fitting of the Common Rail duct
- ➔ Go operating directly onto the vehicles

OPTION 1:
Use with pliers



OPTION 2:
Use with articulated joint



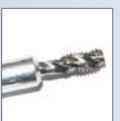
KIT X-VALUE



Complete kit for glow plugs electrode extraction M8x1 - M9x1 - M10x1 - M10x1.25, 14 pcs

- ➔ For the extraction of the electrode terminal part of the glow plugs (M10, M9, M8) in the event of breakage inside the seat
- ➔ The set includes all the centering tools to safely remove the terminal part of the glow plug electrode without damaging the cylinder head
- ➔ Highly recommended for Citroën, Peugeot, Ford 1.4 - 1.6 HDi
- ➔ Drilling tips implemented and reinforced for new ceramic glow plugs

HIGH QUALITY
BORE BIT TIN COATING



STEP 1 - DRILLING

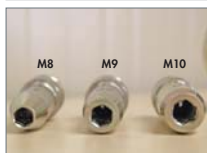
STEP 2 - THREADING

STEP 3 - EXTRACTION



Tool set for M8 - M9 - M10 glow plugs removal with slide hammer, 5 pcs

- ➔ This system quickly and directly grips the hex body of all types of M8 - M9 - M10 glow plugs
- ➔ Features the innovative **FAST LOCK SYSTEM** that ensures maximum quickness
- ➔ Does not damage the cylinder head and guarantees a professional standard job
- ➔ Removal through the strokes of the slide hammer provided



Tip deformed or covered with encrustations





DIESEL TOOLS

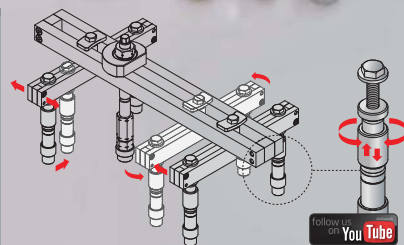
BOSCH DELPHI DENSO SIEMENS

311166010

Universal

Injector removing Master kit, 38 pcs

- ➔ Specific for disassembling very stuck injectors
- ➔ Due to fouling caused by combustion the injector is locked and can not be removed without a proper tool
- ➔ The universal supporting feet adjustment, on the fixing screws of the head, ensures its use in different levels (l/r) as well as the possibility to adjust the slippage of the two side bars
- ➔ Upgrade option for hydraulic pump and hydraulic cylinder (or mechadraulic)
- ➔ Double action for connected injectors available for Mercedes Benz, Opel, Fiat, Suzuki



Master KIT



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Technical sheet Download



12 TO

UPGRADE OPTION



270022000

Go-through mechadraulic cylinder



Dimensions:	for spindles up to Ø 21.5 mm
Stroke:	8 mm
Driving torque:	67Nm
Weight:	2.5 Kg
Size:	Ø 80x55 mm
Working independent without pump	



20 TO

UPGRADE OPTION



270020000

Go-through hydraulic cylinder



Dimensions:	Ø100 x 60
Stroke:	8 mm
Pressure:	700 Bar
Weight:	3,04 Kg
Hole utilized:	Ø33
Coupling connection thread	3/8" -18 NPT



BOSCH DENSO SIEMENS

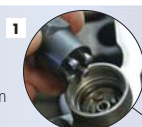
311217000

UPGRADE OPTION



Injector adaptor & puller set, 7 pcs

- ➔ New Special socket allows to remove Bosch injectors size 29 and 30 mm
- ➔ Plastic cover electrical connection removal is not needed anymore
- ➔ Injector opening and dismounting is not needed anymore
- ➔ New Siemens injector adaptors
- ➔ New Denso injector adaptors
- ➔ Valve spindle dismounting tools included **1**





Set of wrenches for dismounting oil filters KIA / HYUNDAI, 3 pcs

312089000

➔ Suitable for models Nissan, Renault, Opel, Mitsubishi, Mazda, Subaru, Isuzu, Proton, Vauxhall, Ford, Asia Motors, Bedford, Lotus, Honda, Smart



Code	Description	Application
312069001	Oil filter wrench N.23 Flutes: 14 - Inner distance 66,5 mm	FILTER KIA / HYUNDAI COD. 26300-2Y500, 26300-02502
312070001	Oil filter wrench N.24 Flutes: 15 - Inner distance 79 mm	FILTER KIA / HYUNDAI COD. 26300-35503, 26300-35530
312071001	Oil filter wrench N.25 Flutes: 15 - Inner distance 93,2 mm	FILTER KIA / HYUNDAI COD. 26330-4X000



312069001 KIA/HYUNDAI COD. FILTER 26300-2Y500		
BRAND	MODEL	ENGINE
KIA	RIO	All
	SEPHIA	All
	SEPHIA	All
	SEPHIA	L4-1.6L
	SEPHIA	L4-1.8L
	SPECTRA	All
	SPECTRA	L4-1.8L
	SPORTAGE	All

312069001 KIA/HYUNDAI COD. FILTER 26300-02502		
BRAND	MODEL	ENGINE
KIA	MORNING (TA)	1.2
	RIO III (UB)	1.25 CVT
HYUNDAI	ATOZ (MX)	1.0 i
	ATOZ (MX)	1.0 i
	ATOZ (MX)	1.1
	i10	1.1
	i10	1.2
	AMICA (MX)	1.0 i
	AMICA (MX)	1.0 i
	AMICA (MX)	1.1
	AMICA (MX)	1.1

312070001 KIA/HYUNDAI COD. FILTER 26300-35503 E 26300-35530		
BRAND	MODEL	ENGINE
HYUNDAI	iX20 (JC)	1.6
	EXCEL I (X-3)	1.3
	EXCEL I (X-3)	1.3
	EXCEL I (X-3)	1.3 i 12V
	EXCEL I (X-3)	1.5 i 12V
	EXCEL I (X-3)	1.5 i 16V
	PONY Saloon (X-3)	1.3
	PONY Saloon (X-3)	1.3 i 12V
	PONY Saloon (X-3)	1.5 i 12V
	PONY Saloon (X-3)	1.5 i 16V
ELANTRA I (J-1)	1.5 i.e.	

312071001 KIA/HYUNDAI COD. FILTER 26330-4X000		
BRAND	MODEL	ENGINE
HYUNDAI	STAREX	2.5 TD
	STAREX	2.5 TD 4VWD
	STAREX	2.5 TCI
	H200 Box	2.5 TD
	H200 Box	2.5 TD
	H200 Box	2.5 TD
	H 200 Bus (KMF)	2.5 TD
	H 200 Bus (KMF)	2.5 TD
	H 200 Bus (KMF)	2.5 TD
	H 200 Bus (KMF)	2.5 TD 4VWD
	H 200 Bus (KMF)	2.5 TD 4VWD
	H 200 Bus (KMF)	2.5 TD 4VWD
	TERRACAN (HP)	2.9 CRDi 4VWD

FOR MORE INFORMATION



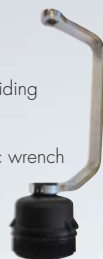
OIL FILTER WRENCHES GOVONI RANGE

Code	Description	Application	Code	Description	Application	Code	Description	Application
312072000	Oil filter wrench N.1 Flutes: 45 - Type: Ø 92.3 mm	VW, Audi, Nissan	312080000	Oil filter wrench N.10 Flutes: 12 - Type: Ø 76.8 mm	Mercedes: all models with Purflux LS 918 filters Renault: Megane, Laguna, Espace III/III, Twingo, Clio, Kangoo, R5 Ford: 1.8 diesel and with Motorcraft filter Peugeot: all Purflux filter models Fiat: Ducato, Scudo, Ulisse, Stilo, Multipla, all Doblò JTD models	312087000	Oil filter wrench N.15 Flutes: 14 - Type: Ø 66 mm	Nissan, Mazda
312073000	Oil filter wrench N.2 Flutes: 18 - Type: Ø 87 mm	Renault	312081000	Oil filter wrench N.11 Flutes: 6 - Type: Ø 66.6 mm	Renault 1.2 and 1.4 petrol: Twingo, Clio, Kangoo, Modus, Megane, Scenic, etc	312052000	Oil filter wrench N.16 Flutes: 14 - Type: Ø 84.6 mm	Mercedes Purflux and filters diesel
312074000	Oil filter wrench N.3 Flutes: 6 - Type: Ø 66.5 mm	Fiat: Punto 1.2 Renault: 1.2 from '98	312082000	Oil filter wrench N.12 Flutes: 6 - Type: Ø 96.4 mm	Renault 1.5, 1.9 and 2.2 dCi: Clio, Kangoo, Modus, Megane, Scenic	312088000	Oil filter wrench N.17 Flutes: 10 - Type: Ø 73 mm	Renault 16V
312075000	Oil filter wrench N.4 Flutes: 14 - Type: Ø 74.4 mm	Renault VW, Audi: cartridge filter	312083000	Oil filter wrench N.13 Flutes: 16 - Type: Ø 75.3 mm	Saab: 9.3, 9.5 mounted on 1.9 and 2.0 diesel engines Alfa Romeo: MJ Fiat: 1.6 MJ	312055000	Oil filter wrench N.18 Flutes: 12 - Type: Ø 76.8 mm	VW 2.0 TDI, Audi
312076000	Oil filter wrench N.5 Flutes: 15 - Type: Ø 74 mm	Renault	312086000	Oil filter wrench N.14 Flutes: 18 - Type: Ø 107.7 mm	Renault: Trafic, Master	312057000	Oil filter wrench N.19 Flutes: 16 - Type: Ø 87 mm	BMW
312077000	Oil filter wrench N.6 Flutes: 10 - Type: Ø 92 mm	Fiat: Common Rail 125 Hp				312059000	Oil filter wrench N.20 Flutes: 14 - Type: Ø 102 mm	Renault
312078000	Oil filter wrench N.7 Flutes: 8 - Type: Ø 76.5 mm	Fiat: Common Rail 1.9-2.4 JTD (old models)				312060000	Oil filter wrench N.21 Flutes: 18 - Type: Ø 66 mm	Renault
312079000	Oil filter wrench N.8 Flutes: 14 - Type: Ø 64 mm	Fiat: Punto				312061000	Oil filter wrench N.22 Flutes: 18 - Type: Ø 96 mm	Renault VW, Audi: TDI
312085000	Oil filter wrench N.9 Flutes: 12 - Type: Ø 91 mm	Fiat: Ducato						

FORD PSA

Wrench for mounting and dismounting oil filters seat

- ➔ This wrench has been projected in order to make work faster and easier, avoiding contact with wiring and intake system
- ➔ The upper 1/2" connection of the wrench has to be used with a dynamometric wrench
- ➔ As indicated on the plug, tighten it max at 25Nm
- ➔ Engines: 2.0 - 2.2 HDi/TDCi



THE TOOLMAKER.COM

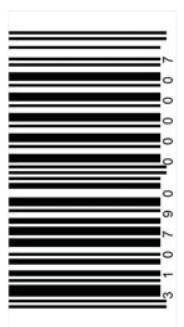
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WELOVEENGINE



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