



SOLUÇÃO PROFISSIONAL

the toolmaker
Govoni[®]

2019



*...just **blue**, just perfect!*



MADE IN ITALY

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WE ARE THE TOOLMAKERS



THE**TOOL**MAKER.COM

HELLO

1977 - 2017



Toolmaking with passion!

Dear business partners and friends!

Since its founding in 1977, GOVONI has developed into one of the leading manufacturer of automotive specialized tools.

Constant development and innovation beside on permanent investment in production technologies are a central part of constant success and growth.

With this new catalogue and the totally new and updated product range we have reached another milestone in the 40 Years history of GOVONI!

Find more than 500 single products and solutions for the three major car repair fields such as chassis, engine and transmission. More than 140 totally new developed items make this new catalogue so valuable.

Beside on that we have completely overworked the layout of the catalogue. Products are easier to find and we show more detailed information's and pictures of use and applications than ever before.

You may also recognize our new product codification system. Short, easy and memorable! And finally put your attention on our new GOBOX storage and carrying system – smart, durable and unique in our business field!

It's not enough for us just to sell good tools.

All our efforts have to date made us one of the finest operative tool manufacturers with customers in over 64 countries of the world. And we're by no means finished.

Our passion is intelligent and long-lived products for users who understand that the solution and the quality makes the different.

...just blue, just perfect!



MADE IN ITALY

From the heart of Italy and the lovely region of Bologna.
In the middle of the automotive valley where dream vehicles are manufactured.



HEADQUARTER

GOVONI srl

Via degli Orsi 97
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This is our home!



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HERE WE ARE

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ON TOUR

ALL OVER ON THE ROAD



OUR TOOLS AT **WORK**




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CATALOGUE





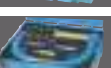
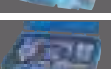
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the toolmaker
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CHASSIS



HUBS AND BEARINGS

2-31



SILENT BLOCKS AND BUSHES

32-45



SUSPENSION AND SHOCK ABSORBER

47-73





EXTRACTION SET DRIVE SHAFTS AND CV JOINTS FOR HUBS



- For pressing out seized and bonded drive shafts and also, with the optional Govoni slide hammer GO520, for removing the wheel hub
- Considerable time savings - no damage to the thread - wheel bearing is not damaged -- Optimised hole pitch for maximum coverage of models within the market
- Suitable for 2, 3, 4, 5 and 6-hole bolt pitch on hubs with stud bolts and wheel bolts
- For use on all vehicles ranging from passenger cars to transporters, and particularly for extremely firmly anchored drive shafts on VAG/Mazda and Ford
- When extreme force is required, can also be used with Govoni 16-tonne mechatronics GO1016.

Technical data

- Slotted mounting hole: M12 and M14
- Working range:
M12: Ø96-138 mm
M14: Ø98-136 mm



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

Components

- 1 x extractor with mounting thread 1-1/2"-16G
- 1 x reducing adapter ring for mechanical spindle, 1-1/2"-16G x M22x2,0
- 1 x mechanical spindle, M22x2,0

- 1 x pulling flange, 96-142 mm for 3, 4, 5 and 6-hole bolt hub, for M12/M14 bolts
- 5 x conical washers
- 1 x solid lubricant paste

CARS

Example of application



Pushing out the drive shaft, mechanically using the tool set



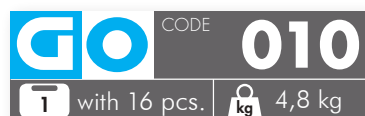
Pulling out the wheel hub, using a slide hammer, optional code GO520



Pushing out the drive shaft, using a 16-Ton mechatronic screw, optional code GO1016



Pushing out the drive shaft, mechanically on the workbench





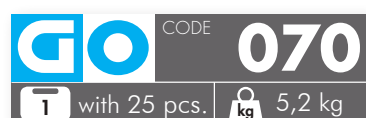
UPGRADE OPTION
SUPPLEMENTAL SET OF M12
AND M14 SPACERS



- Useful addition to Govoni's GO010 kit for the removal of CV joints.
- This kit ensures a strong flange connection with the hub and is also suitable for systems with wheel nuts and/or bolts. The user is not bound to the diameter of the hub edge since the hub's flange is placed 80mm or 90mm in front of the hub.

Components

- 1 x spacers kit for hub flange M12x1.25 (5 pcs.)
- 1 x spacers kit for hub flange M12x1.50 (5 pcs.)
- 1 x spacers kit for hub flange M14x1.50 (5 pcs.)



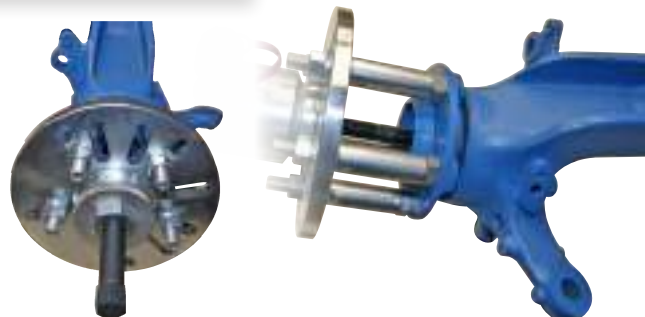
UPGRADE OPTION
16T MECHADRAULIC SCREW
ADAPTOR KIT

16 TON



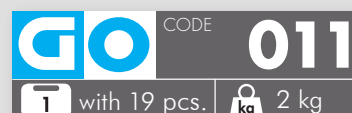
Technical data

- Force: 16tons
- Dimensions: Ø38x225x345 mm
- Driving torque: 38 Nm
- Receiving thread: 1-1/2 inch x 16 tpi
- Stroke: 20 mm
- Weight: 1,7 Kg



UPGRADE OPTION
INTRODUCTION SET DRIVE
SHAFTS AND CV JOINTS

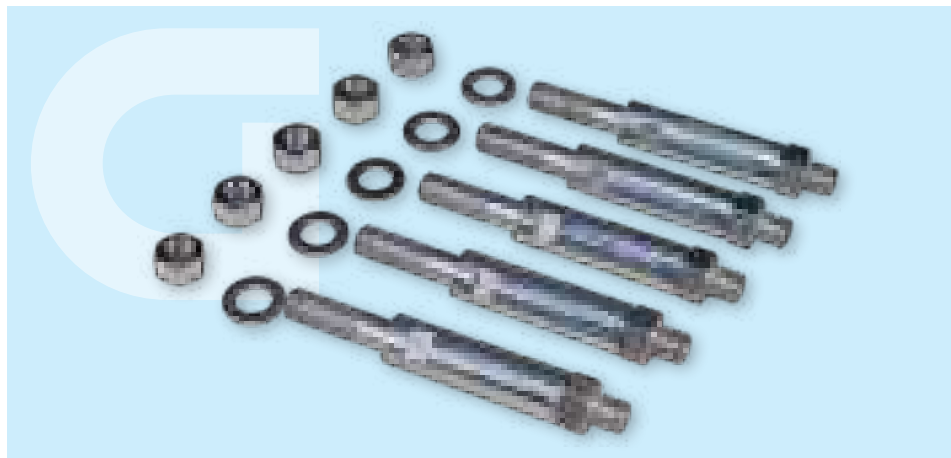
- Use this kit if the profile of the seat of the drive shaft's spline has a high degree of adjustment with respect to the profile of the seat of the hub's spline.
- The adapters in this kit can be used both on drive shafts secured with nuts (of commercial use) and those secured with bolts (VW/Audi for example).
- This set is also suitable for fitting the hub.
- Use this kit with the Govoni code GO010





PULL ROD/EXTENSION SET

UNIVERSAL



- Useful addition to Govoni's GO010 or GO012 kits for the removal of CV joints.
- This kit ensures a strong flange connection with the hub and is also suitable for systems with wheel nuts and/or bolts. The user is not bound to the diameter of the hub edge since the hub's flange is placed about 80mm or 90mm in front of the hub.

GO CODE **071**
1 with 5 pcs. 1,8 kg

Components

1 x spacers kit M12x1,25 L = 80 mm

M12X1,25

GO CODE **072**
1 with 5 pcs. 1,8 kg

Components

1 x spacers kit M12x1,5 L = 80 mm

M12X1,5

GO CODE **073**
1 with 5 pcs. 1,8 kg

Components

1 x spacers kit M14x1,25 L = 80 mm

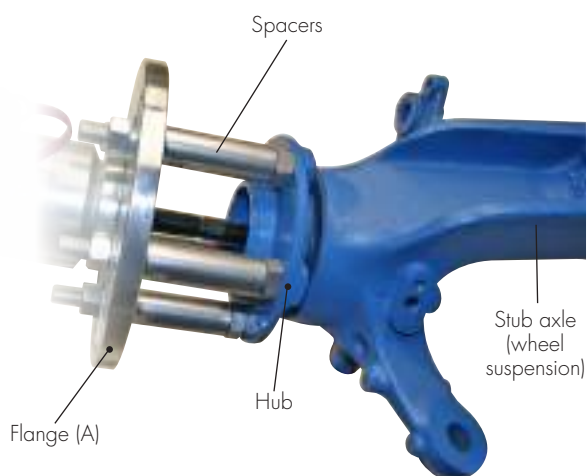
M14X1,25

GO CODE **074**
1 with 5 pcs. 1,8 kg

Components

1 x spacers kit M14x1,5 L = 80 mm

M14X1,5





EXTRACTION/INTRODUCTION SET DRIVE SHAFTS AND CV JOINTS FOR HUBS

CARS



- Use the tools contained in the kit for proper assembly and disassembly procedures. Furthermore, components such as wheel bearings, silent blocks and ball joints, for example, will be preserved.
- The adapters contained in the kit allow the use of CV joints, secured both by nuts (usually the common ones) and bolts (e.g.: VW/Audi).
- Optimized hole pitch for maximum coverage of models within the market (suitable for 2, 3, 4, 5 and 6-hole bolt pitch on hubs mounted on passenger cars)
- When an extreme forced is required, max till 17 Ton, use Govoni mechadraulic screw GO1016 or hydraulic cylinder GO1061 (optional).

Application 1

Mechanical removal of the CV joint

Application 2

Insertion of the CV joint

Application 3

Disconnection of the CV joint with 1,5 Kg slide hammer (1,5Kg slide hammer not supplied GO406)

Application 4

Removal of the wheel hubs/floating axles and brake drums with a 9 Kg slide hammer (9Kg slide hammer not supplied GO520)

Application 5

Assembly of the wheel hubs

GO	CODE	065
1	with 52 pcs.	kg 12,7 kg

Example of application

1



2



3



4

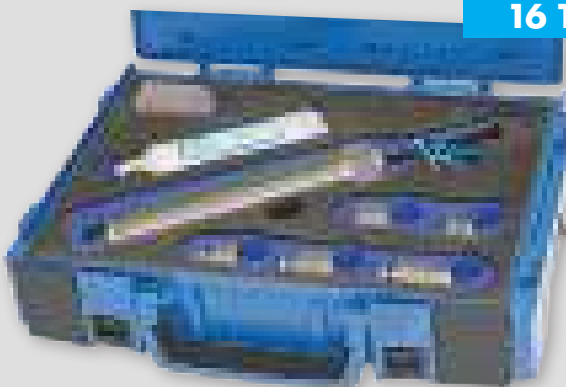


5



UPGRADE OPTION
16T MECHADRAULIC SCREW
ADAPTOR KIT

16 TON



Technical data

- Force: 16tons
- Dimensions: Ø38x225x345 mm
- Driving torque: 38 Nm
- Receiving thread: 1-1/2 inch x 16 tpi
- Stroke: 20 mm
- Weight: 1,7 Kg



CODE **1016**

1 with 7 pcs.

kg 2,2 kg



UPGRADE OPTION
PULL ROD/EXTENSION SET

Components

1 x spacers kit M14x1,25 L = 80 mm

M14X1,25



CODE **073**

1 with 5 pcs.

kg 1,8 kg



EXTRACTION/INTRODUCTION SET DRIVE SHAFTS AND CV JOINTS WITH IMPACT SPINDLE



- Use the tools contained in the kit for proper assembly and disassembly procedures. Furthermore, components such as wheel bearings, silent blocks and ball joints, for example, will be preserved.
- The adapters contained in the kit allow the use of CV joints, secured both by nuts (usually the common ones) and bolts (e.g.: VW/Audi).
- Optimized hole pitch for maximum coverage of models within the market (suitable for 2, 3, 4, 5 and 6-hole bolt pitch on hubs mounted on passenger cars).
- When an extreme forced is required, max till 17 Ton, use Govoni mechadraulic screw GO1016 or hydraulic cylinder GO1061 (optional).
- Possibility to operate through the classic spindle or the new impact spindle.
- Included the new dimension M14x1.25 of pull rod/extension for BMW.

Application 1

Extraction of the CV joint with spindle

Application 2

Disconnection of the CV joint with 1,5 Kg slide hammer (GO406 - 1,5Kg slide hammer not supplied)

Application 3

Extraction of the wheel hubs with a 9 Kg slide hammer (GO520 - 9Kg slide hammer not supplied)

Application 4

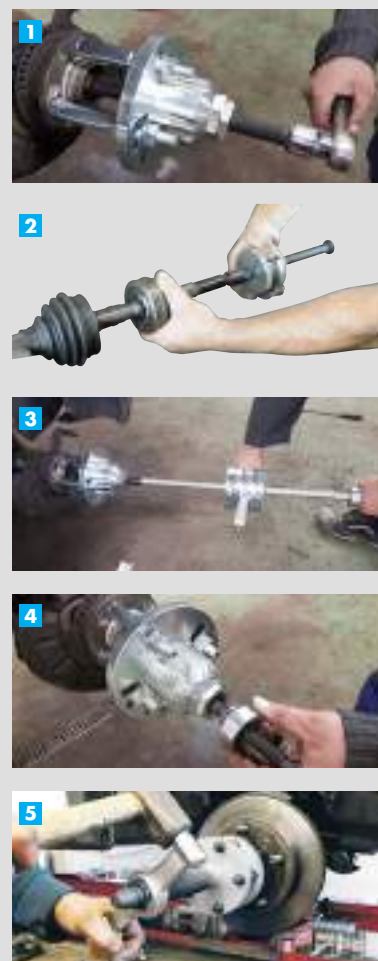
Assembly of the CV joints with a spindle

Application 5

Extraction with impact spindle

CARS

Application examples



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...



INCLUDED:

Impact spindle



INCLUDED:

New pull rod/extension
M14x1,25 for BMW



CODE

066

1 with 54 pcs.

kg 14 kg



EXTRACTION SET DRIVE SHAFTS AND CV JOINTS WITH IMPACT SPINDLE

CARS



INCLUDED:

Impact screw



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

- The set included the new impact spindle.
- Kit for the extraction, with thrust screw, of seized and blocked transmission shafts, and also, with the optional impactor (GO520 or GO530), for the repair of the wheel hub. When greater strength is required, the kit can be used with 16 ton mecadraulic screw (GO1016).
- Flange with multiple holes to ensure greater coverage of the models on the market: suitable for hubs with 2, 3, 4, 5 and 6 holes or bolts.

Application

From cars to commercial vehicles and, in particular, suitable for the very stuck transmission shafts of VW / Mazda and Ford models.

Components

1 x extractor 1-1 / 2 "16G
1 x adapter for pushing screw 1-1 / 2 "16G x M22x2.0
1 x thrust screw M22x2.0
1 x flange, 96-142 mm for 3, 4, 5 and 6-holes, or bolts of size M12 / M14
5 x conical washer H = 5 mm

6 x conical spacers H = 25 mm
1 x impact screw
1 x handle for impact screw

Technical data

For holes / Bolts: M12 and M14
Working range: M12: Ø96-138 mm / M14: Ø98-136 mm



Mechanical extraction of the transmission shaft directly on the car.



Extraction of the transmission shaft using a 16 ton mecadraulic screw.



CODE

012

1 with 18 pcs.

8 kg



EXTRACTION SET DRIVE SHAFTS AND CV JOINTS FOR HUBS

**COMMERCIAL
VEHICLES**



- Aimed to remove locked and tighten drive shafts, and by using the Govoni slide hammer GO520, also wheel hubs.
- Considerable time savings - no damage to the thread - wheel bearing is not damaged.
- Optimized hole pitch for maximum coverage of models within the market (suitable for 2, 3, 4, 5 and 6-hole bolt pitch on hubs mounted on passenger cars and commercial vehicles)
- When an extreme forced is required, max till 17 Ton, use Govoni mechadraulic screw GO1016 or hydraulic cylinder GO1061 (optional).

Components

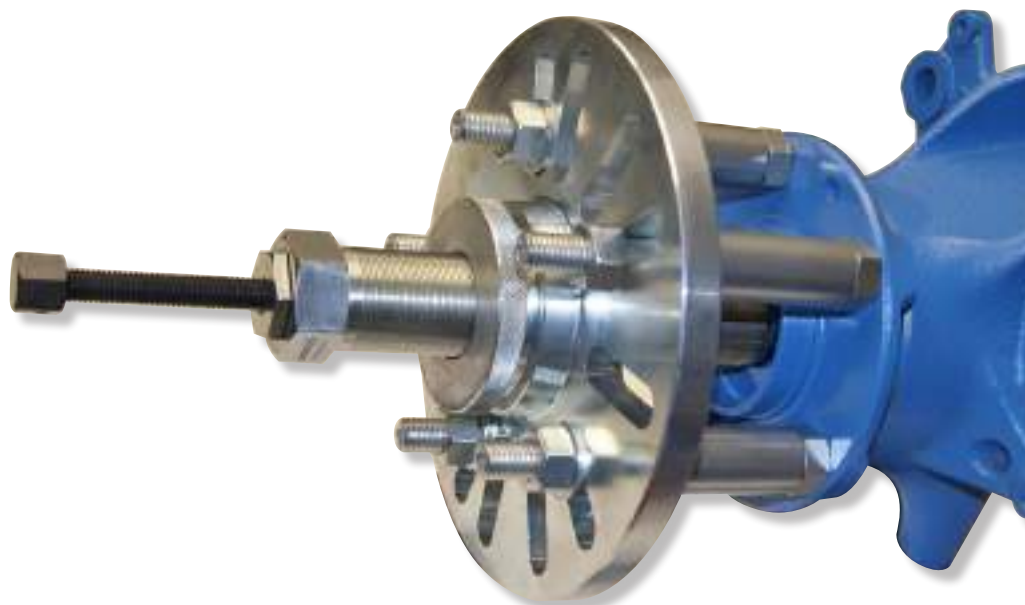
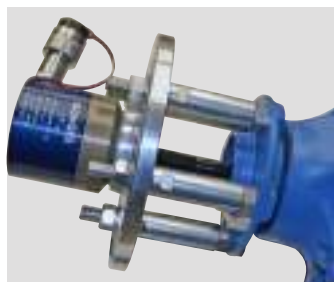
- 1 x extracting plate with threaded reducing adapter 2-3/4"x16UN till 1-1/2"x16UN, Working range Ø110-186mm
- 1 x threaded reducing adapter 1-1/2"x16UN till M22x2,0 for mechanical spindle
- 1 x mechanical pressure spindle with spherical head, M22x2,0 x L=250mm
- 1 x high performance grease for spindle
- 6 x set of 5 tension bolts (3 pcs) for nut and bolt systems 5x M12x1,25 / M12x1,50 / M14x1,50 / M14x2,00 / M16x1,50 / M18x1,50

Technical data

- For nut and bolt systems: M12/M14/M16/M18
- Working range: Ø114 - 186mm
- Slotted hole connection: Ø14mm
- Tension bolt length: 80 mm

GO	CODE	060
	1 with 43 pcs.	kg 12,7 kg

Example of application



+ UPGRADE OPTION 16T MECHADRAULIC SCREW ADAPTOR KIT

+ 16 TON

- Due to the mechanical properties, shape and size, the Govoni Mechadraulik Spindle is optimally suited for use in the automotive sector: removal and installation of wheel hubs, drive shafts, supporting joints, tie rod heads, pitman arms, silent bearings etc.
- The 1-1/2 inch x 16 tpi receiving thread is one of the most commonly used special tool threads.



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

Technical data

- Force: 16 tons
- Dimensions: Ø38x225x345 mm
- Driving torque: 38 Nm
- Receiving thread: 1-1/2 inch x 16 tpi
- Stroke: 20 mm
- Weight: 1,7 Kg



GO CODE **1016**
1 with 7 pcs. 2,2 kg



SLIDE HAMMER - 9 KG



Extraction of diesel injector



Wheel hub extractor

- For powerfully driving out components and for straightening jobs on bodywork.
- Extremely effective loosening effect via impact with a maximum force of approx. 8 tonnes.
- Effectively loosens even the most firmly anchored components, e.g. which have been pressed in, have rusted or are connected with a cone.
- With the relevant accessories, suitable for removing injectors, wheel hubs, supporting joints etc.

Technical data

- Slide hammer with weight: 9 kg
- Total length: 770 mm
- Connection thread: M18x1,5

GO	CODE	520
1	with 1 pcs.	kg 11,6 kg



UPGRADE OPTION THREAD ADAPTERS SET

- Complementary assortment containing the four most commonly used adapters for slide hammers code GO520 and GO530.

Components and applications

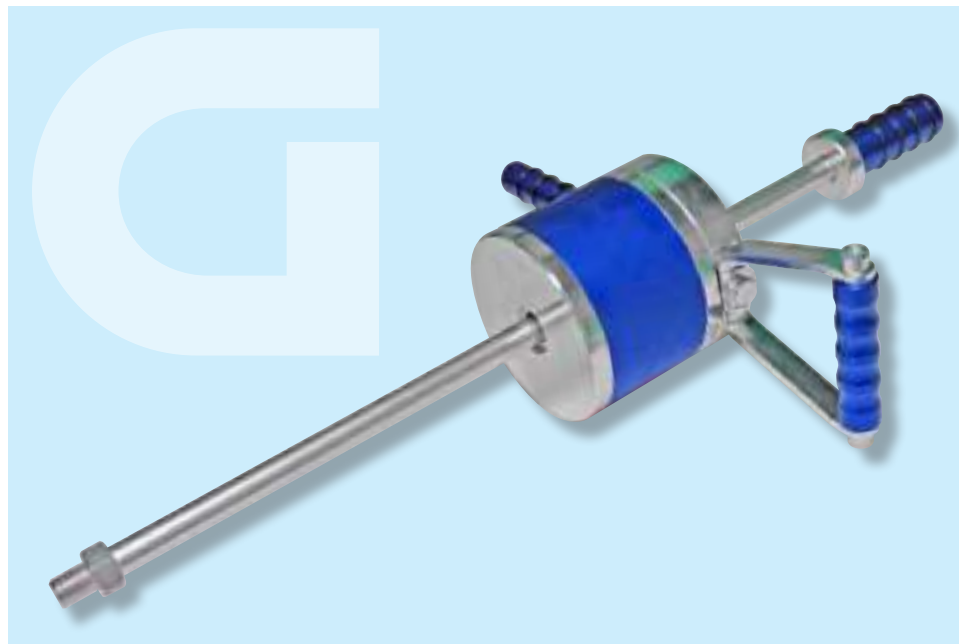
- 1 x adapter, M18x1.5 for universal hooks/double extractor hooks/ bow hooks/bodywork pull clamps etc., suitable e.g. for the systems: Gmelin-Moll/Müller/Klann/KS/Kukko/ Pichler/Sauer/Sykes-Pickavant etc.
- 1 x adapter, M18x1.5/1-1/2 inch x 16 for wheel hub puller. Suitable e.g. for the systems: Würth Müller/ KS/Sauer/Pichler/Kukko/BGS etc.
- 1 x adapter with ball joint, M18x1,5/ M18x1.5, for use between the slide hammer and the tool - enables work in hard-to-reach places - suitable for all systems
- 1 x adapter, M18x1.5/M22x2.0, for wheel hub puller, suitable e.g. for the following systems: Würth/ Facom



GO	CODE	521
1	with 5 pcs.	kg 7 kg

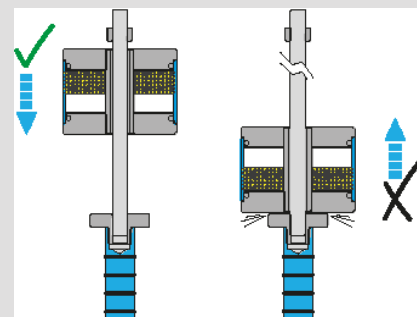


SLIDING HAMMER 9KG, DEAD BLOW



UNIVERSAL

The principle of "no-rebound"

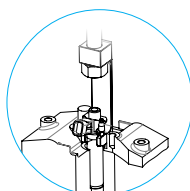


The range of applications can be increased as desired through **the optional purchase of additional accessories!**

- For powerful expulsion of stuck components as well as for body straightening work.
- The new slide hammer version is filled with a steel shot. This prevents the weight from bouncing back against the abutment. The impact intensity is thus increased because the full impact force is transmitted to the component to be machined.
- This version is also very gentle on the joints and allows fatigue-free working.



PLUS: The tool is modular and can be split and used as 1,5 kg sliding hammer.



Applications

Injectors, hubs, support joints, bodywork works

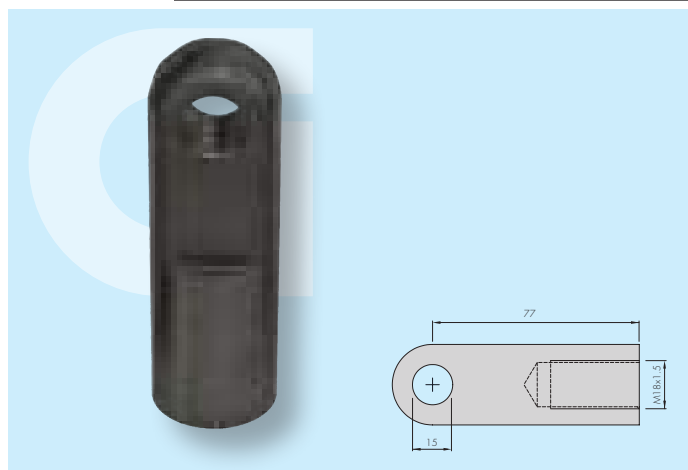
Technical data

Weight: 9 kg
Total length: 770 mm
Connection - Thread : M18x1,5/
M22x2,0

GO CODE **530**
with 2 pcs. **11 kg**
§ PATENTED



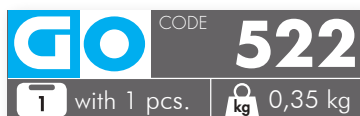
M18x1,5 ADAPTER



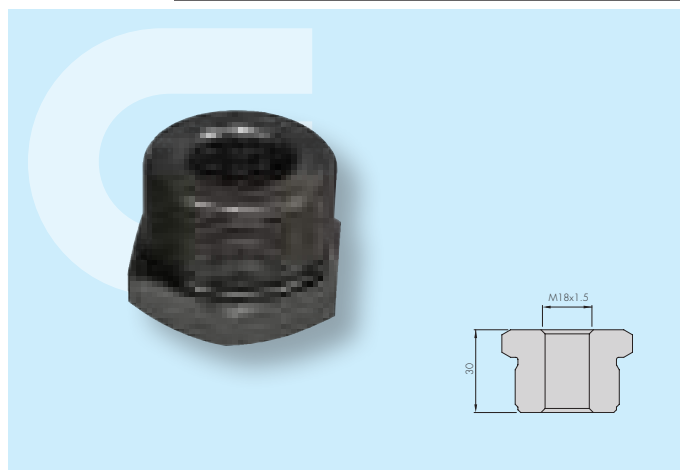
- System adapter tool with mounting bore (jointed connection) for universal hooks/double extractor hooks/bow hooks/bodywork pull clamps etc.

Application

Suitable e.g. for the following systems: Müller, Klann, Ks, Kukko, Pichler, Sauer, etc.



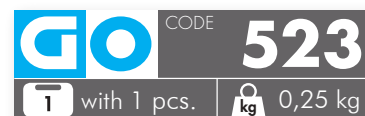
M18 - 1 1/2 UN16 ADAPTER



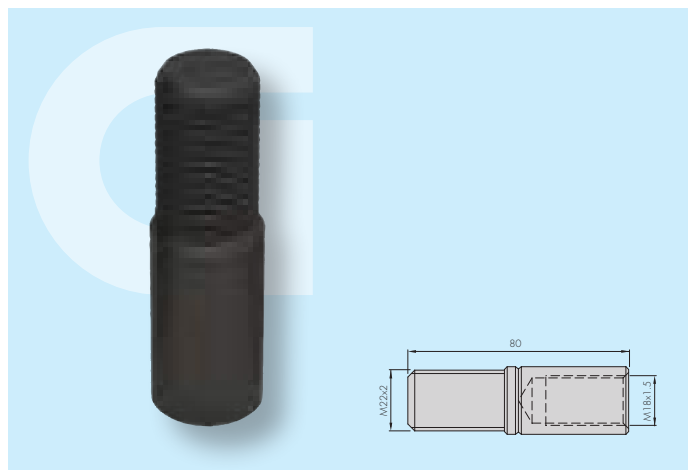
- Adapter tool for wheel hub puller Govoni set GO520.

Application

Suitable e.g. for the following systems: Müller, Ks, Kukko, Pichler, Sauer, BGS, etc.



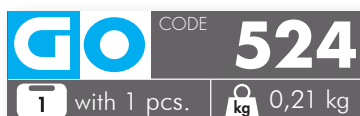
M22x2 - M18x1,5 ADAPTER



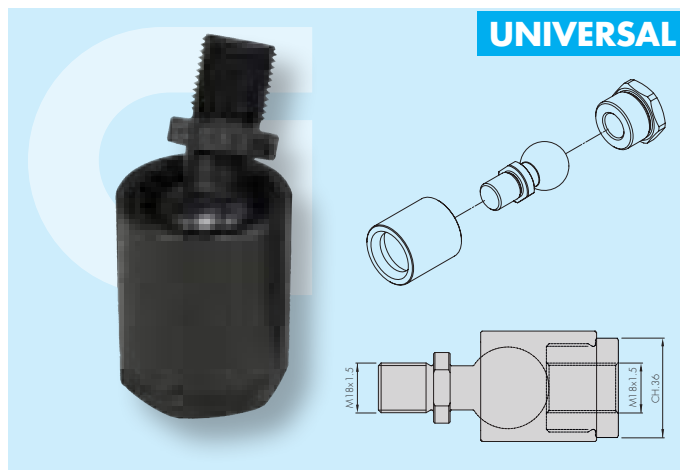
- System adapter tool, for wheel hub puller Govoni set GO520.

Application

Suitable e.g. for the following systems: Würth, Facom.



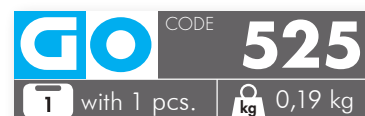
M18x1,5 - M18x1,5 ADAPTER



- Universal adapter with ball joint, for use between the slide hammer and the tool - enables work in hard-to-reach places.

Application

Suitable for all systems.





WHEEL FIT UP BOLT'S



UNIVERSAL



- Easy fitting and mounting of wheels.
- Especially dedicated for cars with short axle tie free turning brake disc without centering screw.
- Just stick the bolts in to the wheel bolt bolts.
- Very quick mounting without any thread.
- For wheel bolts M12 and M14.

Problem: Brake disc VW-Group, without centering screw in the brake disc – free turning

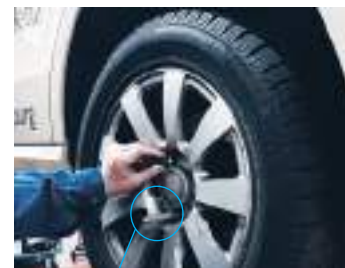


Problem: Extremely short hub edge – Danger of falling wheel!



Hub edge

Problem: huge and heavy aluminum wheels



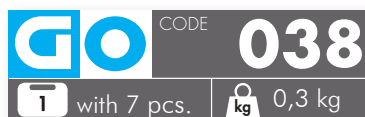
Pin for wheel support

Advantages

The full weight of the wheel is resting on the fit-up bolts.
Easy centering and hands-free mounting of the wheel locking bolts.
Very safe for the back of the mechanic, no risk of falling down of the heavy wheels.

Components

- 1 x fit up bolt M12, L=127,5 mm
- 1 x fit up bolt M14, L=127,5 mm
- 2 x replacement sleeve M12, L=27,8 mm
- 2 x replacement sleeve M14, L=27,8 mm
- 1 x support, magnetic





SET OF ACCESSORIES FOR HYDRAULIC PRESSES



- Wide range of tools for workshop presses up to 25 tons.
- The centering adapters for the GO 050 press support allow the correct fixing of the supports in one of the holes of the component being worked on.
- All items can be stored in the piece-holder, to be applied directly on the plate.

Components

- 1 x set of centering adapters 12 pcs. for GO 050 press support (3 x Ø10 – 12 – 14 – 16mm each)
- 5 x pressure plug with ball stop Ø 11-15-19-25-29mm
- 1 x pressure adapter to house the Ø60mm pressure plugs

- 1 x flat plug for Ø50 mm piston (outside Ø 60mm)
- 1 x reduction sleeve from Ø50 to Ø40mm
- 1 x reduction sleeve to be self-adjusted, for Ø30-45mm pistons
- 1 x magnetic strip
- 1 x piece-holder.

GO	CODE	051
1	with 23 pcs.	kg 6 kg



PINS SET FOR GO050



- They allow the correct and safe positioning of the component on which one operates.

GO	CODE	052
1	with 13 pcs.	kg 0,6 kg

Components

3 x Ø 10/12/14/16 mm
1 x magnetic bar



MANDREL PRESS PINS SET

UNIVERSAL



- Press pins set for presses.

GO	CODE	053
1	with 10 pcs.	kg 5,2 kg

Components

5 x pins (Ø 11/15/19/25/29 mm)
1 x plate Ø 50 mm
2 x adapters (Ø40/Ø30 mm)
1 x press tool



WHEEL BEARING TOOL SET UNIVERSAL

UNIVERSAL



- Complete set for mounting and dismounting wheel bearing and for assembling hubs.
- The large number of pressure bushes and centering washers allows the product to cover a wide range of models and applications.
- Safety and accurate centering of all the components during working operations.
- Ideal to be used also with a press machine suitable for wheel bearing, silent bearings, bushes, washers, hubs etc.
- Installation without damages thanks to the special design of the components.
- **1** Bearing installation = pressure on the bearing outside ring
- **2** Hub installation = pressure on the bearing inner ring.
- Use with screw M20 (supplied) or with Govoni hydraulic cylinder 17 ton code GO1017 (Long spindle required).

Application

For universal use on vehicles ranging from passenger cars to transporters



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

Components

- | | |
|---|--|
| 1 x spindle M20 with hex drive, size 24, L= 300 mm | 1 x step tread for pressure sleeve, Ø 85, 90 mm |
| 1 x pressure nut M20 with hex drive, size 24, L= 50 mm | 14 x pressure plates, Ø 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 85 mm |
| 1 x pressure bearing | 12 x pressure/centring sleeves, external Ø 30, 34, 35, 37, 38, 39, 40, 41, 42, 43, 45, 48 mm |
| 1 x drive unit with mount for centring sleeve | 1 x pressure piece for workshop press, Ø 50 mm |
| 5 x pressure sleeves, internal Ø 70, 75, 80, 85, 90 mm, with viewing window | 1 x solid lubricant paste |
| 1 x step tread for pressure sleeve, Ø 70, 75, 80 mm | |



INCLUDED:

Modular system



CODE

015

1

with 39 pcs.

kg

13,2 kg

Example of application

1 Bearing installation



Bearing removal



2 Hub installation



G

UPGRADE OPTION

+

17T HYDRAULIC CYLINDER

17 TON
STEEL

Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20 mm
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: steel

GO

CODE **1017**

1

with 1 pcs.

⚖️

4 kg

G

UPGRADE OPTION

+

17T HYDRAULIC CYLINDER

17 TON
ALUMINUM

Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO

CODE **1061**

1

with 7 pcs.

⚖️

2,2 kg

§

PATENTED

G

UPGRADE OPTION

+

HYDRAULIC SPINDLE M20

Components

- 1 x spindle M20x1.5 - L=500 mm - Hex. 15
- 2 x nut M20x1.5 - L=50 - Hex. 30
- 2 x washer Ø37x21x3 mm

GO

CODE **016**

1

with 5 pcs.

⚖️

1,6 kg

G

UPGRADE OPTION

+

HYDRAULIC SPINDLE M24

Components

- 1 x spindle M24x2 - L=500 mm - Hex. 17
- 1 x nut M24x2 - L=35 - Hex. 36
- 1 x washer Ø44x25x4

GO

CODE **041**

1

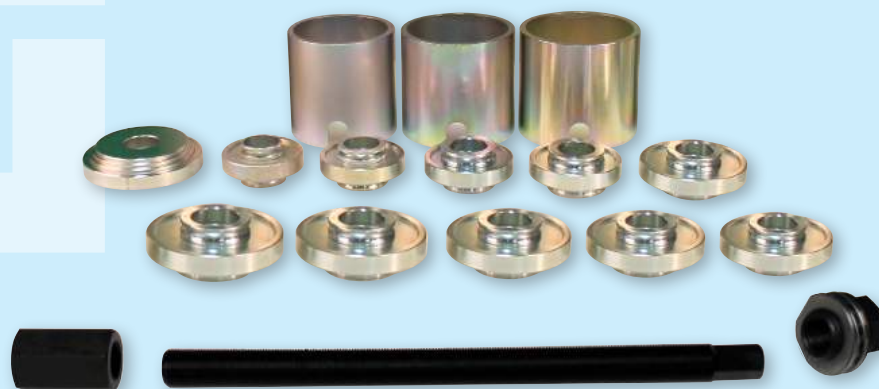
with 3 pcs.

⚖️

1,6 kg



WHEEL BEARING SET

UNIVERSAL


- New design for precise and safe centering and alignment of components.
- Suitable set when hub and bearing are not integrated but separate.
- Usable for wheel bearing extraction / introduction, but also for hubs, silent blocks and elastic supports in general. The large number of bushings and washers allow you to cover a wide range of models and applications.

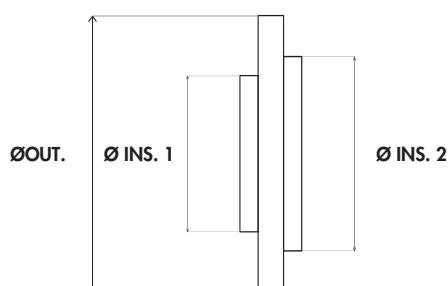
Bearing assembly = by pressure on the outer ring



Hub assembly = by pressure on the inner ring of the bearing



PRESS PLATE	ØOUT	ØINS. 1	ØINS. 2
1	60	40	43
2	62	30	34
3	65	34	35
4	68	34	38
5	72	39	38
6	74	37	39
7	75	39	41
8	76	40	42



Application

Manual application with M20 push screw (included in the set) or with 17 ton hydraulic cylinder - stroke 43 mm code GO1017 or GO1061 (cylinder not included in the set, long screw required).

Application directly on the car

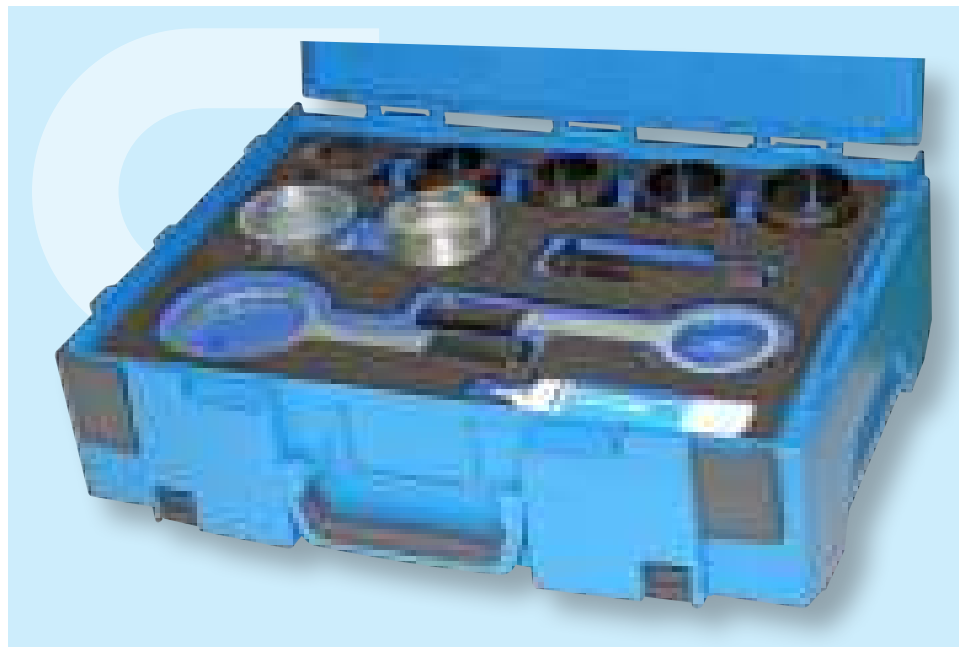
CODE **017**

with 17 pcs.

13,2 kg



EXTRACTION SET FOR BEARING INNER NUTS



UNIVERSAL

Example of application



- This set allows to extract easily and quickly the inner ring of the bearings without damages.
- Usually extracting the hubs, the rings remain in their seats and without a special tool is not possible to remove them.
- This set can be use for the replacement of the rings from Ø 35 to Ø 61 mm.
- The kit include the bushing for mounting mechadraulic screw (optional GO1016)



INCLUDED:

Lubricating grease to be used wit threaded bars, nuts, etc...



Application

Passenger vehicles and transporters, e.g.

- VAG
- BMW
- Ford
- Fiat
- MB
- Opel
- Renault
- Seat etc.

Components

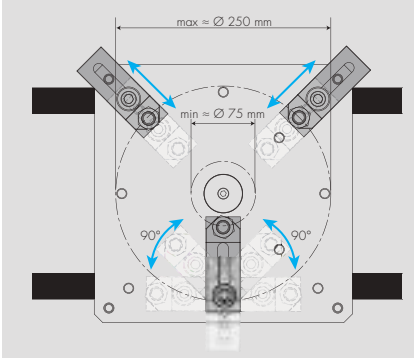
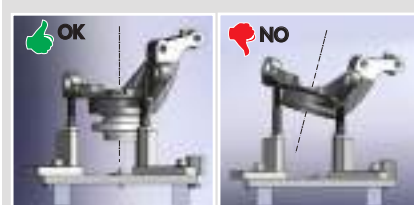
- 1 x clamping sleeve size Ø35-40 mm
- 1 x clamping sleeve size Ø40-45 mm
- 1 x clamping sleeve size Ø45-51 mm
- 1 x clamping sleeve size Ø50-55 mm
- 1 x clamping sleeve size Ø55-61 mm
- 2 x spanners Ø 59.5/83.0 mm
- 1 x external part for body extractor
- 1 x body extractor 1-1/2"-16G
- 1 x adattatore per vite di spinta 1-1/2"-16G x M22x2,0
- 1 x basic unit including spindle M22 with pressure cone
- 1 x solid lubricant paste

GO CODE **020**
with 13 pcs. 5 kg



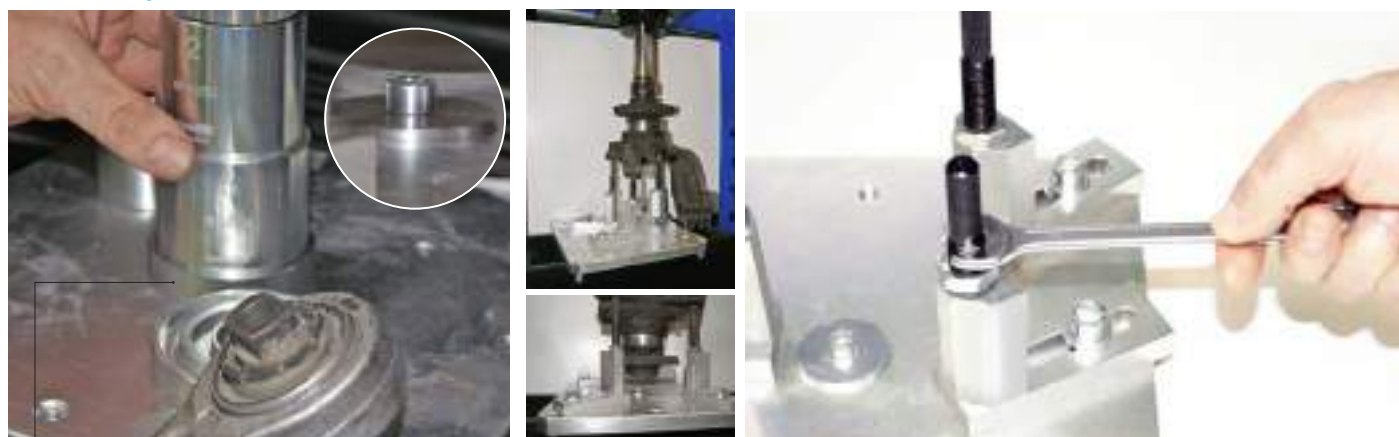
BEARING REMOVAL AND MOUNTING PRESS SUPPORT

UNIVERSAL



- Universal system which allows the assembly and disassembly of hubs/bearings and silentblocks * (to be used with the code GO140) by operating under a press.
- The tool set is made up of a supporting base and its accessories which allow the user to mount/dismount bearings into/from their housing.
- This tool's universal feature consists in being able to adapt to the irregular geometric shapes of hubs/king pins on which the operator must often intervene.

* Example of silentblock extraction



The centering disc included allows you to house the bushings required to remove/insert the silentblock

Technical data

- Dimensions: 300x300 mm
- Weight: 13 Kg
- Max. load-bearing capacity: 20 t
- Working range: min. 130 mm - max. 186 mm

follow us
on YouTube



CODE **050**

1 with 11 pcs.

kg 13 kg

\$ **PATENTED**



WHEEL BEARING INNER RING EXTRACTOR SET, FOR Ø60 - 80MM

UNIVERSAL



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

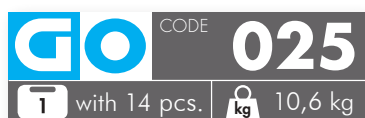
- To remove the bearing inner rings which usually remain on the wheel hub when changing the wheel bearings.
- New design for large bearing rings, which can not be removed with the kit GO020.
- Unique gripper principle is effective even when the bearing ring is flush with the hub.
- The bearing ring is held firmly on the entire circumference and removed without tilting.

Components

- 1 x basic unit including spindle M22 and pressure cone, 5 pcs.
- 1 x clamping sleeve Gr. 1 Ø60 - 64mm e.g. for Mercedes W201 - W202 - W203 - W210 - W214 / BMW / Peugeot
- 1 x clamping sleeve Gr. 2 Ø64 - 68mm e.g. for Mercedes W163 - W140 - W169 - W211 - W220 - W245 - W124T
- 1 x clamping sleeve Gr. 3 Ø68 - 72mm e.g. for VW Touareg / Porsche Cayenne
- 1 x clamping sleeve Gr. 4 Ø72 - 76mm e.g. for Mercedes ML164 - ML166 / Renault Master - Opel Movano - Nissan NV400 (2010)
- 1 x clamping sleeve Gr. 5 Ø76 - 80mm e.g. for VW-Audi with bolted wheel bearing
- 2 x spanner
- 1 x high-performance spindle lubricating grease

Application

Universally applicable to cars and vans as well as for bearing rings in general (e.g. gears etc.)



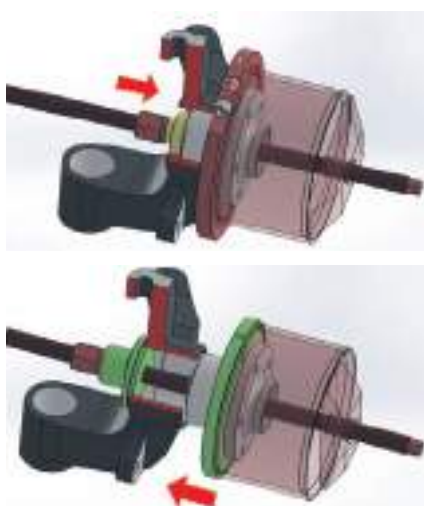


TOOL SET FOR COMPACT WHEEL HUB/BEARING UNIT, MECHANICAL

\varnothing 62 \varnothing 66 \varnothing 68 \varnothing 72 \varnothing 78 \varnothing 82 \varnothing 85



Example of application



Installation

Removal

- Full assortment for correct removal and installation of compact bearing hub units on vehicles ranging from passenger cars to transporters.
- The perfect set for all current bearing units with diameters of 62 - 85 mm.
- Includes a threaded spindle M20 and nut, and a counter-pressure nut with pressure bearing for mechanical operation. For frequent use with large bearing units or badly corroded bearings, we recommend the optional 17-tonne hydraulics code GO1017.
- The special half shells grip behind the wheel hub during installation and press on the snap ring located directly on the bearing outer ring.
- This prevents damage to the bearing and allows the snap ring to engage evenly.
- The repair work can be performed directly on the vehicle.
- Easy to use - significant time savings - no damage to the bearing.

Sizes and assignment of half shell sets (HSS)

Installation:

- 1 x HSS size 1 for \varnothing 62 mm
- 1 x HSS size 2 for \varnothing 66, 68 mm
- 1 x HSS size 3 for \varnothing 72, 75, 78 mm
- 1 x HSS size 4 for \varnothing 82, 85 mm

Removal:

- 1 x HSS for \varnothing 62, 66, 68, 72, 75, 78, 82, 85 mm

GO	CODE	030
	T with 34 pcs.	kg 16 kg
§ PATENT PENDING		

Example of application



Application

Ø 62 Audi A2 - VW Lupo
Ø 66 Seat Cordoba 4 - Ibiza 3 (from 2005)
Skoda Fabia (6Y) - VW Fox (ABS)/Polo 7, 8 (9N)
Ø 68 Citroën - Renault
Ø 72 Audi A1/A2 (ABS) - Seat Cordoba 4/
Ibiza 3, 4 (to 2005) - Skoda Fabia(6Y)/Fabia 2
(5J)/Roomster; VW Fox/Polo 7, 8 (9N)

Ø 78 Volvo C30/C70CC/S40 2/V50 - Ford
C-Max/Focus 2 - Mazda 3 (BK)
Ø 82 VW Touareg/Porsche Cayenne
Ø 85 VW T5 (VA + HA)



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...



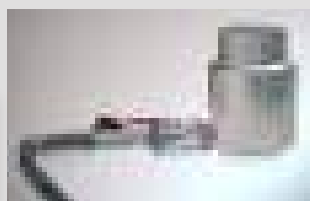
UPGRADE OPTION 17T HYDRAULIC CYLINDER

**17 TON
STEEL**



Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20 mm
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: steel



GO CODE **1017**
1 with 1 pcs. 4 kg



UPGRADE OPTION 17T HYDRAULIC CYLINDER

**17 TON
ALUMINUM**



Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1061**
1 with 7 pcs. 2,2 kg
§ **PATENTED**



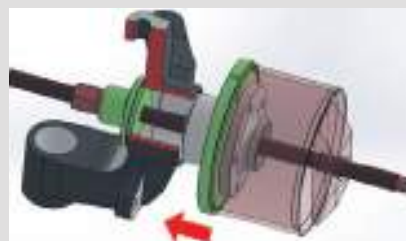
TOOL SET FOR REMOVING COMPACT WHEEL HUB/ BEARING UNIT, MECHANICAL



Ø 62	Ø 66
Ø 68	Ø 72
Ø 78	Ø 82
Ø 85	

Example of application

Removal



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

- The set contains tools for removing bearing units with diameters of 62-85 mm. This set can be expanded as required with the corresponding half shell sets for installation.
- The repair work can be performed directly on the vehicle.
- Easy to use - significant time savings - no damage to the bearing

Application

Disassembly: it can work on bearings with an external from Ø62 mm up to Ø85 mm.

Sizes and applications of the half shell set (HSS)

Half shell removal:

1 x HSS for Ø 62, 66, 68, 72, 75, 78, 82, 85 mm/
universal

GO	CODE	031
T	with 23 pcs.	kg 12 kg
§ PATENT PENDING		



UPGRADE OPTION 17T HYDRAULIC CYLINDER

STEEL

17 TON



Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20 mm
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: steel

GO	CODE	1017
T	with 1 pcs.	kg 4 kg



UPGRADE OPTION 17T HYDRAULIC CYLINDER

ALUMINUM

17 TON



Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO	CODE	1061
T	with 7 pcs.	kg 2,2 kg
§ PATENTED		



Application
VW, Audi

GO CODE **032**
1 with 3 pcs. 2,5 kg



Application
Ø 72 Audi, Seat
Ø 75 Mitsubishi, Smart
Ø 78 Volvo

GO CODE **033**
1 with 5 pcs. 4 kg



Application
Ø 66 Skoda
Ø 68 Citroen, Renault

GO CODE **034**
1 with 4 pcs. 3 kg



Application
Ø 82 Ford, Volvo
Ø 85 4x4, SUV

GO CODE **035**
1 with 4 pcs. 3,4 kg



Application
Ø 75 Mitsubishi Colt,
Smart Forfour



GO CODE **036**
1 with 3 pcs. 2,5 kg



FORD TRANSIT HUB AND FRONT WHEEL BEARING REMOVER KIT

32 TON

FORD



- A distinction of the Ford Transit models is based on the fact that the brake disc is behind the wheel hub. For which, changing the brakes disc and/or the bearing unit requires the whole bearing unit to be extracted from the stub axle, including the wheel hub and the brake disc. Dismantling and reassembling the bearing unit can be carried out directly on the vehicle.
- The wheel bearing tool set has been used for dismantling and reassembling the brake disc or the bearing unit on the Ford.
- Transit from the 2002 construction date. Furthermore, the bearing unit is dismantle-able/assembly-able from the rear axle brake disc on front wheel drive Ford Transits from the 2006 construction date.



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...



INCLUDED:

Hydraulic cylinder 32 tons

Application

- Ford Transit starting from 2002 with hole hubs (brake disk fastening) Ø 97,5 and 111 mm
- Ford Tourneo front axle on vehicles with front and rear drive
- Ford Transit starting from 2006 axle rear (with front drive)

GO	CODE	040
	1 with 23 pcs.	kg 22,3 kg

Example of application



Dismantling of the wheel bearing - brake disc - wheel hubs - **change the brake disc.**



Dismatling of the wheel bearing on the vehicle - **changing of the wheel bearing**



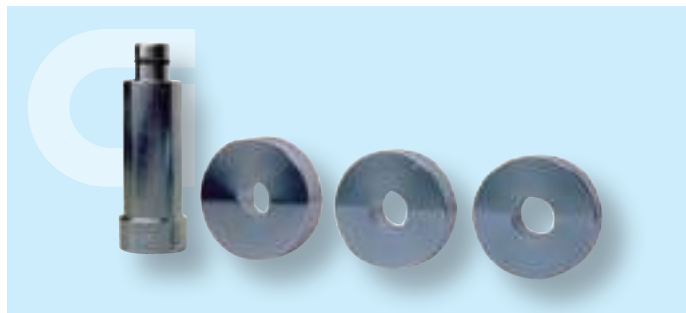
Dismantling of the wheel hub with the brake disc - **change of wheel bearing**



Detach the brake disc on the vehicle - **change the brake disc**



SET FOR DIS/MOUNTING BEARINGS



Example of application



Components

- 1 x pin Ø 20÷34 mm.
- 1 x washer Ø 63 mm.
- 1 x washer Ø 65 mm.
- 1 x washer Ø 71,5 mm.

GO CODE **045**
with 4 pcs. **kg** 2,4 kg

- This tool is used to insert bearing race and seals without damage to race and axle housing.
- Set of three rounded plates and one hammer, to fit most standard wheel bearings.
- Use this tool in coupling with a press machine. Don't use hammers.



WHEEL BEARINGS SET WITH IMPACT SPINDLE

FORD


- Using this special tool it is possible to disassemble the front wheel unit from the axle in complete safety and to remove the brake disc from the bearing unit.
- The kit allows to work both on rear and front wheels drive.
- Hubs and bearings are not damaged and can be reused if necessary.
- No removal of ball joint or crankshaft required!
- The 5 supporting feet ensure an optimal power distribution, especially working on heavily corroded and tightened bearings.

Components

- 1 x support plate
- 1 x spindle registration plate
- 1 x impact wrench with impact wrench
- 1 x guide pin
- 5 x long support leg
- 5 x short support leg



1 Bearing hub removal with brake disc



2 Disassembly of the brake hub of the bearing hub



Application

- Ford Transit Custom from 2012



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...



INCLUDED:

Impact screw



CODE

042

1 with 32 pcs.

kg 12,8 kg



WHEEL BEARING SET



- This kit has been specifically designed to disassemble hubs and bearing on multi-link axles on VAG vehicles.
- Suitable for double compact bearings where at first the hub and then the bearing must be disassembled.
- The removal of the steering knuckle is not required!

The problem

The steel bearing is usually extremely tight in the aluminium axle body and this makes the removal considerably more difficult.

Using the slide hammer, high is the risk of damaging parts of the suspension, such as shaft coupling. Furthermore, microcracks on the aluminium body can cause unwanted breakage.

Solution

With the help of this special tool, the components can be removed gently and time-saving directly on the vehicle. In addition, different bearing sizes can be covered, see the application list.

Functionality:

- Hubs removal
- Bearings removal
- Hubs mounting

GROUP VW

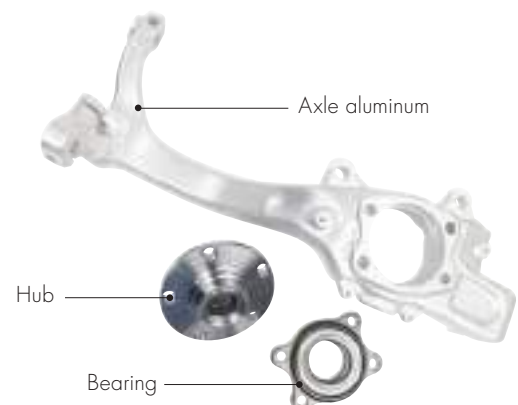
Hub disassembly



Bearing disassembly

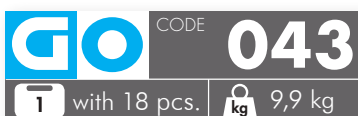


Axle arm aluminum of the group VW, hub and bearing



Applications:

Audi A8 from 1994	Audi A8 from 1994
Audi A4 from 2000	Audi Q5 from 2008
Audi A5 from 2007	Audi R8 from 2007
Audi A6 from 1997	Seat Exeo from 2008
Audi A7 from 2010	VW Passat from 2003



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...



ABS REAMERS SET

UNIVERSAL



- Required for thorough cleaning of the ABS sensor mounting hole on the wheel bearing housing.
- After cleaning, the sensor can be installed without damage and without knocking.
- Broken sensors can be removed with the help of the included twist drill.
- The swiveling ratchet wrench allows access even in narrow areas.
- The cleaning of the guide bore is recommended by the brake parts manufacturer!



Special sockets

Components

- 1 x item for ABS reamer Ø10mm x 150mm for VW Golf 5, Polo 9N, T5, Škoda Fabia, Seat Ibiza, Opel Insignia
- 1 x item for ABS reamer Ø11mm x 84mm for VW Beetle, Golf Plus + V + VI + VII, Jetta III + IV, Passat + CC, etc. (2003 >), Audi A3, Q3 (2013 >), TT / Seat Altea, Leon, Toledo III (2004 >), Skoda (2004 >)
- 1 x item for ABS reamer Ø14mm x 32mm für BMW E38, E39, E52, E60, E61, E63, E64, E65, E66, E70, E71
- 1 x item for ABS reamer Ø15mm x 23mm for Mercedes-Benz class A, Mazda, Ford
- 1 x item for ABS reamer Ø18mm x 23mm für Audi, VW, BMW E36, E46, Seat, Škoda
- 1 x item for ABS reamer Ø18mm x 34mm for Audi, VW, Seat, Škoda, commercial vehicles
- 1 x item for Twist drills Ø10mmx133mm
- 1 x item for Ratchet spanners SW15, swiveling
- 3 x items for Cleaning brush Ø13 - 16 - 19mm

Application

VAG, Opel, BMW, Mercedes, Mazda, Ford



CODE

375

1

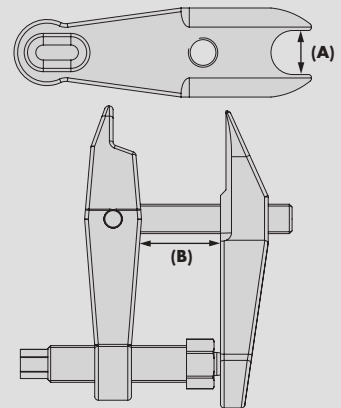
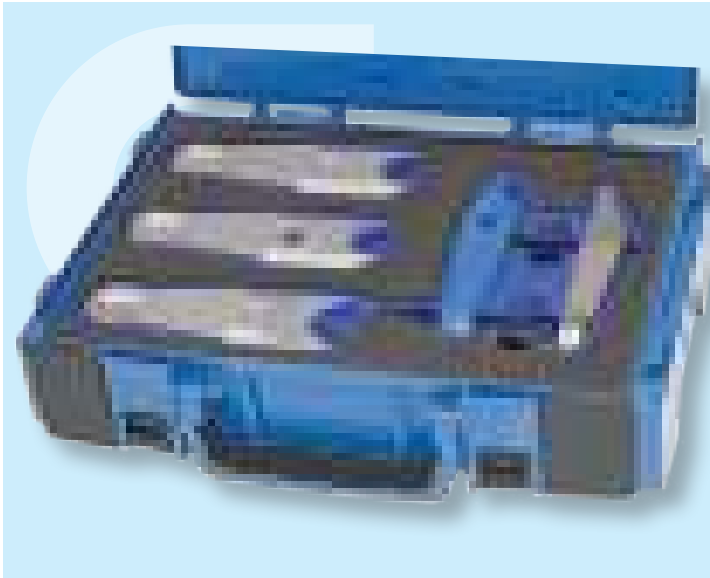
with 14 pcs.

kg

0,8 kg



4-SIZE BALL JOINT SEPARATOR



- Universal application for thrust heads and transverse rods, as well as for support joints. Especially suitable for new car models with multi-link aluminium suspensions where ball joints are often very big and very close together. Kingpins are often larger than the standard ball joints.



Application

- Universal
- For cars, vans and small-sized commercial vehicles
- Examples: VW/Audi, BMW, Mercedes Benz and Porsche.
- Working range: 25-90 mm (B)



UPGRADE OPTION SAFETY ROPE

UNIVERSAL

1 m



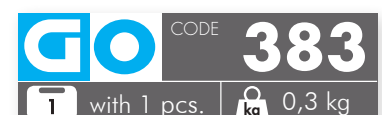
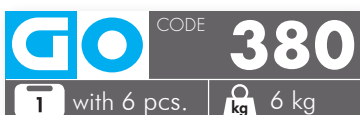
- Prevents the sudden dropping of components and tools during the work.

Technical data

- Length: 1 m
- Max value 0.4 TON
- Steel with plastic cover
- 2 x carabiner

Components

- 1 x Fork opening (A) 24 mm
- 1 x Fork opening (A) 27 mm
- 1 x Fork opening (A) 31 mm
- 1 x Fork opening (A) 36 mm
- 1 x basic body with central adjuster screw for the forks with a working range of 25 - 90 mm (B)
- 1 x thrust spindle with dual drive and trapezoidal thread, also usable with pneumatic gun.





EBALL JOINT-PULLER "VIBRO-IMPACT"



35mm
GROUP VW
MERCEDES



39mm
MERCEDES



- Tool for removing ball joint journals from the retainers of the axis.
- Universal tool for connecting rod and tie rod head as well as supporting joints.
- Impact wrenches can be used with the ball joint puller to complete the task more quickly. The most resistant conical seat connections can be released without any effort.

Application

VW Crafter and LT as off 1996 suitable / Mercedes Sprinter.



GO CODE **381**
1 with 3 pcs. 3,2 kg

- Tool for removing ball joint journals from the retainers of the axis.
- Universal tool for connecting rod and tie rod head as well as supporting joints.
- Impact wrenches can be used with the ball joint puller to complete the task more quickly. The most resistant conical seat connections can be released without any effort.



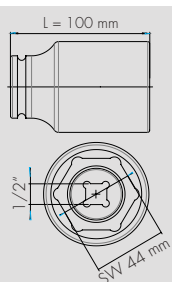
Application

Mercedes trucks e.g. DB 1424 and DB Actros 2.

GO CODE **382**
1 with 2 pcs. 2,3 kg



IMPACT SOCKET 44MM - 1/2"



- Impact socket for the axle ball joint.
- Without this special socket, it is not possible to carry out the part.

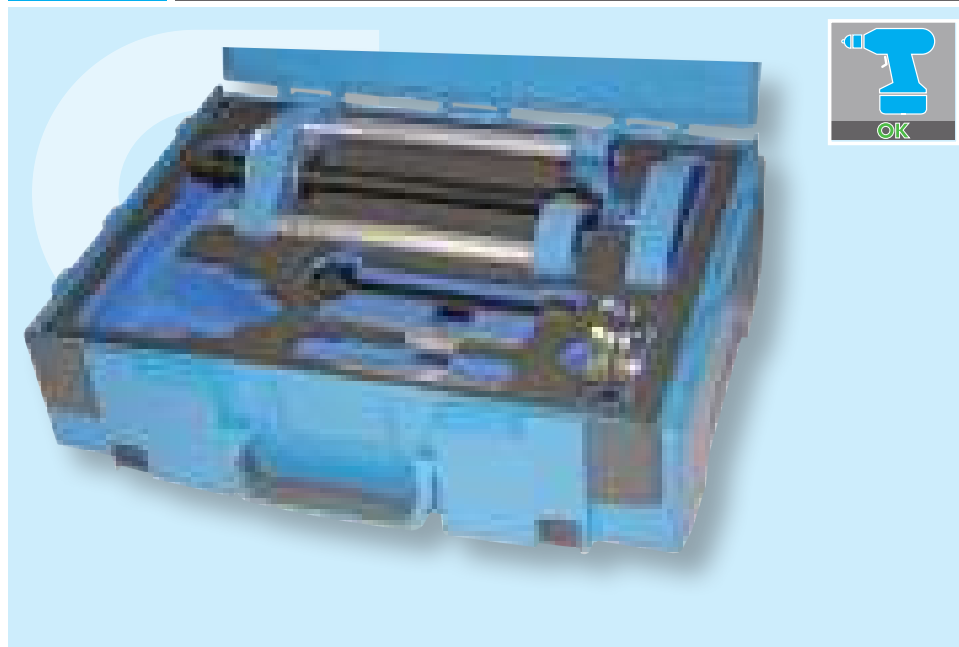
Applications

Peugeot Expert Traveller,
Citroen Jumpy Spacetourer, from 2016

GO CODE **347**
1 with 1 pcs. 1,7 kg



PRESS FRAME SET - 12 TON



12 TON



- The compression frame is used to disassemble and assemble silent bearings, sockets and bushings in passenger cars, SUVs and vans.
- The range of tools specially designed for this use provides the user with a very high level of flexibility in machining the most varied types of bushings, installation positions and sizes. Consequently, tight bushings (adherent), open and closed bushings or even particularly long bushings can be handled without any problems.
- Thanks to this frame's slender but also especially solid shape, the job can be done, depending on where access is, directly on the car or before assembly.
- Even with regard to the drive, the user has several options: he/she either uses the mechanical spindle provided in the supply or adapts the equipment to one of the 2 hydraulic variants available. (16-ton Mechadraulic screw, 12-ton Hydraulic cylinder). With the help of the available supports, the kit adapts very well when used in conjunction with our universal GO140 traction and compression system

Frame technical data:

- Total height: 290/415 mm
- Total width: 170 mm
- Opening range: 113 mm
- Working height: 210/335 mm
- Thread-connection:
TR27 / 1-1/2"x16G / 2-3/4"x16G (upper crosshead)
TR20 (lower crosshead)

Components

- 1 x upper crosshead with 2 x thread reducer ring
- 1 x drive spindle TR27
- 1 x plug-in adaptor for spindle TR27 with cylinder mount
- 2 x enlargement for plug-on and plug-in adaptor with cylinder mount
- 1 x lower crosshead with thread TR20

- 1 x spindle TR20, short with plug-in holder for system adaptor
- 1 x spacing and working spindle TR20 with plug-in holder for system adaptor
- 1 x plug-on adaptor for spindle TR20 with plug-in holder
- 2 x tension struts 270mm
- 2 x tension struts extension 100mm

GO CODE **100**
with 6 pcs. **14 kg**



UPGRADE OPTION SAFETY ROPE

UNIVERSAL

1 m



- Prevents the sudden dropping of components and tools during the work.
- Using the plastic-coated steel cable and snap hook, the tool is easily connected to the vehicle, minimizing the risk of injury and component damage.

Technical data

- Length: 1 m
- Max value 0,4 TON
- Steel with plastic cover
- 2 x carabiner

GO CODE **383**
1 with 1 pcs. 0,3 kg



UPGRADE OPTION 16T MECHADRAULIC SCREW ADAPTOR KIT

16 TON



Technical data

- Force: 16tons
- Dimensions: Ø38x225x345 mm
- Driving torque: 38 Nm
- Receiving thread: 1-1/2 inch x 16 tpi
- Stroke: 20 mm
- Weight: 1,7 Kg

GO CODE **1016**
1 with 7 pcs. 2,2 kg



UPGRADE OPTION 12T HYDRAULIC CYLINDER

12 TON
ALUMINUM

Technical data

- Force: 12tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20 mm
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN

- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1060**
1 with 7 pcs. 2,4 kg

§ **PATENTED**

UPGRADE OPTION M18 SCREW INTEGRATIVE SET



- This set is required for the removal and assembly of silent bearings, using a 12- or 17-ton press frame and a cylinder (12 tons, 17 tons).



Components

- 1 x adapter
- 1 x screw M18x1.5 - l=110 mm

GO CODE **115**
1 with 2 pcs. 0,2 kg



PRESS FRAME SET - 17 TON



17 TON



- The compression frame is used to disassemble and assemble silent bearings, sockets and bushings.
- Due to this frame's sizeable opening range of 135 mm, it is also suitable for Off-Roaders, vans and lightweight commercial vehicles. The range of tools specially designed for this use provides the user with a very high level of flexibility in machining the most varied types of bushings, installation positions and sizes. Consequently, open and closed bushings or even particularly long bushings can be handled without any problems.
- Thanks to this frame's slender but also especially solid shape, the job can be done, depending on where access is, directly on the car or before assembly.
- Even with regard to the drive, the user has several options: he/she either uses the mechanical spindle provided in the supply or adapts the equipment to one of the 3 hydraulic variants available. (16-ton Mechadraulic screw, 12- or 17-ton Hydraulic cylinder). With the help of the available supports, the kit adapts very well when used in conjunction with our universal GO140 traction and compression system.

Frame technical data:

- Total height: 330/430 mm
- Total width: 197 mm
- Opening range: 135 mm
- Working height: 270/370 mm
- Thread-connection: TR27 / 1-1/2"x16G / 2-3/4"x16G (upper crosshead) TR20 (lower crosshead)

Components

- 1 x upper crosshead with 2 x thread reducer ring
- 1 x lower open crosshead to be used with commercially available pressure kits
- 1 x insert ring for lower, open crosshead for mounting commercial, vehiclespecific pressure kits/e.g. Müller/Sauer/SW-Stahl/KS Tools/Walmek/Paschke etc.
- 1 x lower traverse, closed with thread TR20
- 1 x short screw TR20 with inner thread for mounting and fixing pull and pressure system adaptors
- 1 x drive spindle TR27

- 1 x spacing and work spindle TR20 for distance adjustment from below
- 2 x holder adaptor for Govoni pull pressure system
- 2 x tension struts 210mm
- 2 x tension struts extension 125mm



GO	CODE	110
1 with 5 pcs.	kg	12,2 kg



UPGRADE OPTION SAFETY ROPE

UNIVERSAL

1 m



- Prevents the sudden dropping of components and tools during the work.
- Using the plastic-coated steel cable and snap hook, the tool is easily connected to the vehicle, minimizing the risk of injury and component damage.

Technical data

- Length: 1 m
- Max value 0,4 TON
- Steel with plastic cover
- 2 x carabiner

GO CODE **383**
1 with 1 pcs. 0,3 kg



UPGRADE OPTION 16T MECHADRAULIC SCREW ADAPTOR KIT

16 TON



Technical data

- Force: 16tons
- Dimensions: Ø38x225x345 mm
- Driving torque: 38 Nm
- Receiving thread: 1-1/2 inch x 16 tpi
- Stroke: 20 mm
- Weight: 1,7 Kg

GO CODE **1016**
1 with 7 pcs. 2,2 kg



UPGRADE OPTION 12T HYDRAULIC CYLINDER

12 TON
ALUMINUM

Technical data

- Force: 12tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20 mm
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN

- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1060**
1 with 7 pcs. 2,4 kg
§ PATENTED



UPGRADE OPTION M18 SCREW INTEGRATIVE SET



- This set is required for the removal and assembly of silent bearings, using a 12- or 17-ton press frame and a cylinder (12 tons, 17 tons).



Components

- 1 x adapter
- 1 x screw M18x1.5 - l=110 mm

GO CODE **115**
1 with 2 pcs. 0,2 kg

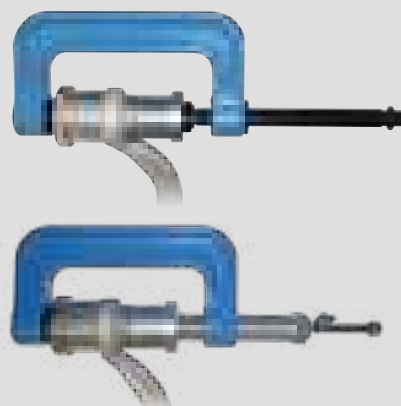


UNIVERSAL C-BRACKET



UNIVERSAL

Example of application



- With the aid of the C-bracket and the optional matching pressure pieces carrying joints, silent bearings, bushings and sleeves are directly pressed on and out of the vehicle.
- The tool is supplied with a trapezoidal thread spindle Tr27 and the removal of the threaded adapter enables the retrofitting of the 16to Mechadraulic spindle.
- Both retainer adapters allow the direct removal from the pressure plates from the Govoni GO140 Universal tool set for the dismounting and mounting of bushes, bearings and sleeves.



+ UPGRADE OPTION + SAFETY ROPE

UNIVERSAL

1 m



- Prevents the sudden dropping of components and tools during the work.

Components

- 1 x C-bracket with threaded adapter AG 1-1/2"-16to x IG Tr27
- 1 x trapezoid thread spindle Tr.27x250mm
- 2 x retainer adapters for sleeve mounting plates.
- 2 x retainer adapters for sleeve mounting plates GOVONI.

GO	CODE	120
1	with 1 pcs.	kg 8

Technical data

- Length: 1 m
- Max value 0.4 TON
- In plasticized steel
- Pratici moschettoni

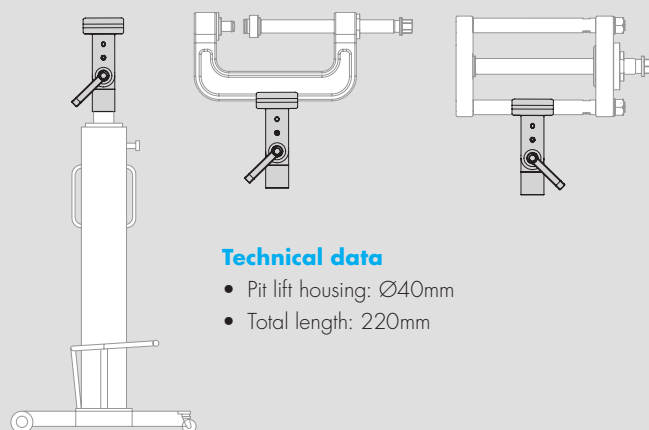
GO	CODE	383
1	with 1 pcs.	kg 0,3



PRESS FRAME SUPPORT CLAMP FOR PIT LIFTS



Example of application



Technical data

- Pit lift housing: Ø40mm
- Total length: 220mm

- Allows the clamping of press frames and C-frame to be placed on a pit lift.
- Greatly facilitates the positioning of the components' press frames when replacing bearings, bushings, load-bearing joints, etc. directly on the vehicle.
- This tool can be adjusted and rotated. The press frames can be placed between the jaws.
- You can find the reduction adapters (item code GO102) to be used with your pit lift.

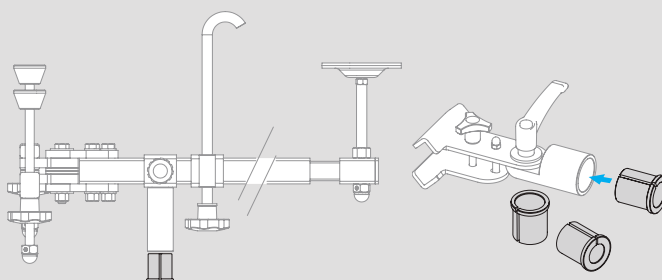
GO	CODE	101
1	with 1 pcs.	kg 1,75



SET OF ADAPTERS FOR PIT LIFTS



Example of application



- Allows you to use Govoni's GO646 and GO101 items in combination with pit lifts of other manufacturers.
- The lift's stem is not damaged thanks to the plastic finish of the adapters.

Components

- 1 x Adapter size 1 - outside Ø 40mm for Ø 25mm stem, Length 50mm
- 1 x Adapter size 2 - outside Ø 40mm for Ø 30mm stem, Length 50mm
- 1 x Adapter size 3 - outside Ø 40mm for Ø 35mm stem, Length 50mm

GO	CODE	102
1	with 3 pcs.	kg 0,2



SILENTBLOCK TOOL SET FOR RENAULT LAGUNA

RENAULT



- For the dismounting and mounting of both axle beam bearings of the rear axle in the Renault Laguna.
- Mounting optionally with mechanic spindle or mechanically/hydraulically with press frame.
- Bearings can be exchanged directly on the vehicle without dismantling the axle beam.
- Time-saving - easy mounting and dismounting!

Components

- 1 x compression set with window
- 1 x cover with window
- 1 x spindle with pressure nut and 2x thrust bearing
- 1 x retaining adapter for grease hydraulic spindle

Application

Renault Laguna II (building year 2001-2007)/
Renault Laguna III (as of building year 2007)/
Laguna Grandtour
OE part number,
e.g. 77 01 209 534



GO	CODE	150
1	with 5 pcs.	kg 2,5 kg



MERCEDES SPRINTER / VW LT35 BALL JOINT REMOVING PRESS TOOL

**MERCEDES
GROUP VW**



- Tool set for pressing in and out of ball joints from the front axle wishbone.
- Mounting with the aid of a pressure frame directly on the vehicle or at the workplace.
- Quicker and easy exchange without damaging the admission in the wishbone.
- We recommend the Govoni Code GO382) ball joint ejector for pressing out the ball joint stud from the axle beam.



Mounting parts

Demounting parts

Components

- 1 x pressing piece Ø74-62mm x H=110mm
- 1 x pressing piece Ø74-60mm x H=110mm
- 1 x pressing piece Ø70mm x H=93mm
- 1 x pressing piece Ø70mm x H=48mm, can be used both ways
- 1 x pressing piece Ø73-60mm x H=110mm, as of building year 2006, with downgrading

Application

Mercedes Sprinter as of building year 95 (W901-905)
VW LT from 1996 to 2006
VW Crafter & MB Sprinter (W906) as of 2006
as well as Freightliner Sprinter/Dodge

GO	CODE	160
	1 with 5 pcs.	kg 6,8 kg



UNIVERSAL BUSH AND BEARING REMOVAL PRESS AND PULL SLEEVE KIT

UNIVERSAL



- Handy assortment of sleeves and spindles for pressing out and inserting round bearings
- Cost-effective alternative to vehicle-specific tool sets
- All sleeves can be machined and adapted according to the application
- All parts are deliverable individually after purchase
- Includes 20 puller sleeves and pressure sleeves in total, with external diameters ranging from 44 mm to 82 mm. The sleeves, with diameters that increase in 2 mm increments, are also ideal for use in a press
- Sleeves have a step on one side, making them stackable and therefore also suitable for particularly long components
- The set offers 4 different feed shafts (L = 450 mm) for varying types of bore in the component
- Centring bushes with integral pressure bearing for minimal friction when driven mechanically
- For particularly firmly anchored and/or rusted components, the Govoni 12-ton mechatronics GO1015 or the Govoni 17-ton hollow piston cylinder GO1017 are available as an option



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

Components

20 x sleeves (internal diameters 34-72 mm/external diameters 44-82 mm/H = 55 mm)
6 x sleeve holder plates
2 x centring bushes with pressure bearings

4 x spindles (M10x1.5, M12 x 1.75, M14x2.0, M16x2.0)
8 x pressure nuts (2xM10, 2xM12, 2xM14, 2xM16)
1 x solid lubricant paste

GO	CODE	140
1	with 41 pcs.	kg 9 kg



Modulate mounting bushing

to remove silentblock up to L=100mm



Application

Silent bearings
Wheel bearings
Sleeves
Bushings made from metal/plastic/brass etc.

G

UPGRADE OPTION

+

17T HYDRAULIC CYLINDER



17 TON
ALUMINUM

Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO

CODE

1061

T

with 7 pcs.

kg

2,2 kg

§

PATENTED

G

UPGRADE OPTION

+

12T MECHADRAULIC CYLINDER-SET



12 TON
ALUMINUM

Technical data

- Force: 12tons
- Stroke: 8 mm
- Dimensions: Ø80x260x45 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm
- Driving torque: 56Nm
- Weight: 1,65 Kg
- Grease temperature range of use: from -25°C to 80°C
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO

CODE

1015

T

with 7 pcs.

kg

1,8 kg

§

PATENTED



SILENTBLOCK TOOL SET FOR FIAT PANDA, 500 / FORD KA



FIAT

FORD

OPEL



- Tool for correct Silentblock mounting and dismounting
- Kit suitable for Silentblock rear axle
- Can be used directly on the vehicle
- Safety use, without damaging arms



Removing silentblocks of FIAT 500 / FORD Ka



Removing silentblocks of Panda (4x4, cross, natural gas)

Application

Silentblock
Ø 45 mm
Ø 45 mm
Ø 45 mm
Ø 54 mm
Ø 54 mm

Brand
Fiat
Fiat
Ford
Ford
Opel

Model
Panda (4x4 - Cross - Metano)
500
Ka
Ka
Adam

GO CODE **130**
1 with 10 pcs. 9 kg



SILENT BLOCK SET

FORD



Application

- Ford Fiesta VI from 2008

- Allows the assembling and disassembling of silent blocks of the rear axle, working directly on the vehicle without removing the rear axle.
- Fits e.g. silent block Ford code: 1 805 815 (FEB34748) etc.

GO	CODE	135
1	with 9 pcs.	kg 4,3 kg



SILENT BLOCK SET

OPEL



Application

- Astra H (Mk5) 2004-2014
- Meriva B (Mk2) from 2010
- Zafira B (Mk2) 2005-2014

- Allows the assembling and disassembling of silent blocks of the rear axle, working directly on the vehicle without removing the rear axle.
- Fits e.g. silent block Opel code: 5402637/0402952/402952 etc.

GO	CODE	145
1	with 9 pcs.	kg 6,5 kg

the toolmaker[®]
GOVONI[®]
...just blue, just perfect!

GOVONI

the toolmaker

GOVONI®

...just *blue*, just perfect!

GOVONI

Spring compressor
machine



Application

THE^{TOOL}MAKER.COM

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on YouTube



...just *blue*, just perfect!



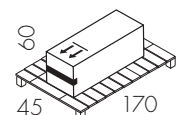
"GOECO1200" PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION

1.2 TON



- Pneumatic spring compressor for passenger cars.
- SAL - Auto Leveling System:
the two auto leveling upper arms work easily both on conical and misaligned springs.
- Cylinder, stroke and power:
it is possible to use this auto leveling machine also in case of long shock absorbers as the ones installed on commercial vehicles, off roads and wagons, thanks to its 330 mm stroke. With a working pressure of max 8 bar, the machine exerts a compression force at 1226 kg without losing power.
- Aluminium technology:
the cylinder is made in light alloy and nylon resin with fiberglass avoiding consequently the corrosion and the oxidation of the parts of the machine.
- Brackets system:
the frontal and lateral clamps' holders grant quick mounting and dismounting replacement, both of the clamps and of the vice. **2**
- 1** - Foot-pedal and safety guard with safety valves:
the foot-pedal works only when the safety valve is closed; if it is open the foot-pedal is blocked. Consequently the machine can be disconnected without danger; granting the maximum safety. If the safety guard remains open, the machine is equipped with a safety valve that does not allow operation.
- Tools rack: the machine is equipped with a practical and steady tools rack

Application



GOVONI1200

2

**Standard equipment**

Basic unit, 1226 Kg

Vice clamping jaw for absorber tube, Ø 40-60 mm

1
2

Aluminium cylinder



Safety valve



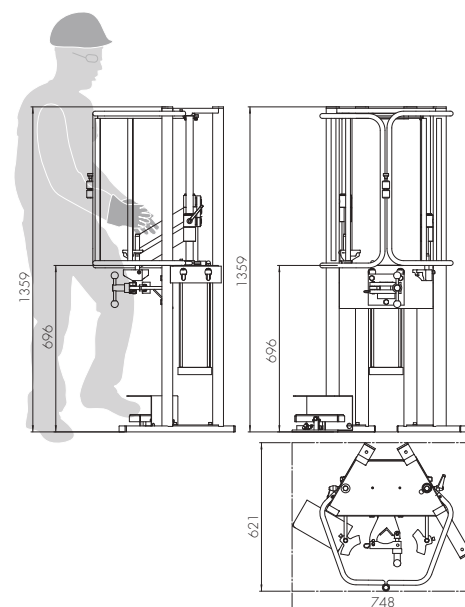
practical and steady tools rack



Auto Leveling System



Easy fixing for the brackets or vices

**Technical data**

- CE approved machine in compliance with 2006/42/CE (Machine Directive)
- Working pressure: max 8 bar
- Cylinder stroke: 330 mm

GO	CODE	312
	1 with 2 pcs.	kg 61 kg



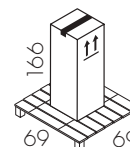
"GOECO2500" PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION

2.5 TON



- Pneumatic spring compressor for passengers cars, SUV and commercial vehicles.
- Auto Leveling System:
the two auto leveling upper arms simplify working on conical and misaligned springs.
- Aluminium technology:
the cylinder is made in light alloy and nylon resin with fiberglass avoiding the corrosion and the oxidation of the parts of the machine.
- Brackets system:
the frontal and lateral clamps' holders grant quick mounting and dismounting replacement both of the clamps and of the vice. **2**
- Tools Rack:
the machine is equipped with a practical and steady tools rack.
- Bracket supporting plate with double positioning to increase the range of removable absorbers
- Steel knob for the protection cage.
- Pneumatic cylinder with safety locking valves
- Foot-pedal and safety guard with safety valves:
the foot-pedal works only when the safety valve is closed; if it is open the foot-pedal is blocked. Consequently the machine can be disconnected without dangers granting the maximum safety. If the safety guard remains open, the machine is equipped with a safety valve that does not allow working operations.
- Metal handles to fix the side arms.
- Protection system (dust cover) to safeguard the cylinder
- gasket

Application



71 Kg

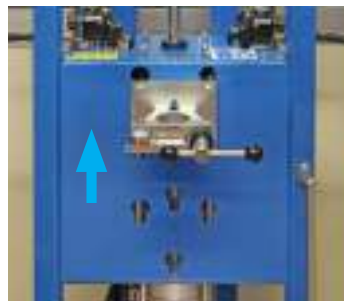
GO ECO2500

2

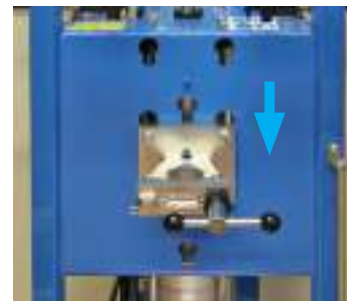
**Standard equipment**

Basic unit, 2.452 Kg

Vice clamping jaw for absorber tube, Ø 40-60 mm

1
2

Vice - upper position



Vice - lower position



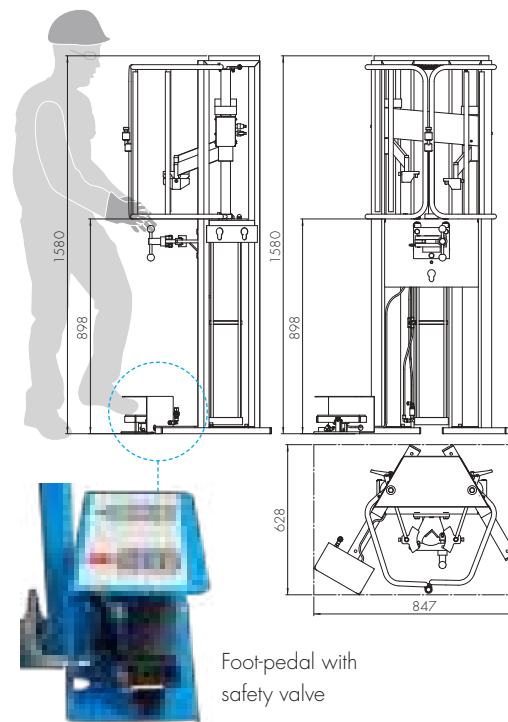
Safety valve



Auto Leveling System



Aluminium cylinder



Foot-pedal with safety valve

Technical data

- CE approved machine in compliance with 2006/42/CE (Machine Directive)
- Working pressure: max 8 bar
- Cylinder stroke: 330 mm

GO CODE **325**
 1 with 2 pcs. **kg** 65 kg



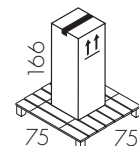
"GOMAX2000" PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION

2 TON



- Pneumatic spring compressor from passenger cars to SUVs.
- Comprehensive safety concept includes pneumatic cylinder, foot pedal, safety cage, shock absorber drop guard and pedestal to ensure maximum safety for the user.
- The station **1** includes one small clamping jaw **2**, one medium clamping jaw **3** and a vice **10** that allows the compression of almost all the coil springs of the market. Other optional special accessories deliverable.
- Jaws are plastic-coated for quick, tool-free jaw replacement.
- Wide range of movement from 20 mm up to a maximum opening width of 330 mm.
- The protective cage is equipped with perforated panels at the sides and transparent, high-strength polycarbonate panels at the front. This ensures a high level of protection in the event of incorrect operation or accidental splintering of the material. **5**
- The two infinitely adjustable upper gripper jaws can be set to the required coil diameter. They can be moved upwards and downwards, tilted and fixed in place for maximum adaptability to any type of spring. **6**
- The practical absorber drop guard keeps the absorber in position during installation. **7**
- The handles above the unit and the wheels make the unit easy to manoeuvre. **8**

Application



110
Kg

GO MAX2000



Small



Medium

10



Standard equipment

Basic unit, 2000 Kg

Small clamping jaw, Ø 78 - Ø 130 mm

Medium clamping jaw, Ø 105 - Ø 185 mm

Vice clamping jaw for absorber tube, Ø 40-60 mm

Transport module with 2 steel wheels

1

2

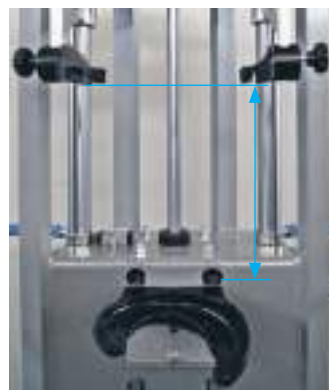
3

10

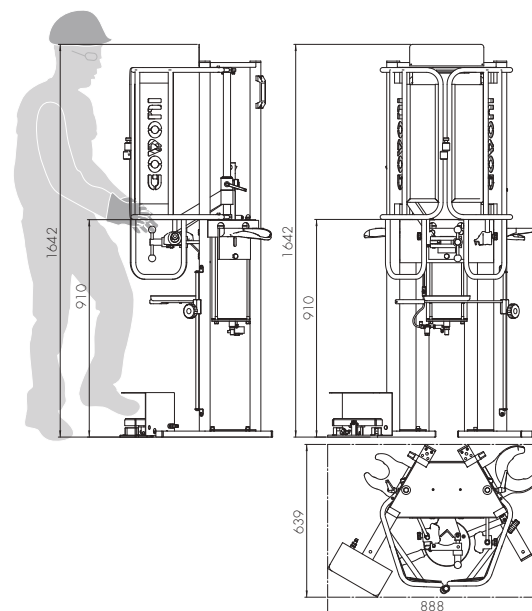
8



Ultra safety protection wider with perforated panels at the sides and transparent



from 20 mm to 330 mm



Technical data

- CE approved machine in compliance with 2006/42/CE (Machine Directive)
- Working pressure max. 8 bar
- Cylinder stroke 330 mm

Follow us on YouTube



GO CODE **320**
1 with 4 pcs. 105 kg



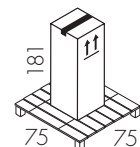
"GOMAX3000" PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION

3 TON



- Pneumatic spring compressor from passenger cars to transporters
- Comprehensive safety concept includes pneumatic cylinder, foot pedal, safety cage, shock absorber drop guard and pedestal to ensure maximum safety for the user.
- The station **1** includes one small clamping jaw **2**, one medium clamping jaw **3** and a vice **10** that allows the compression of almost all the coil springs of the market. Other optional special accessories deliverable.
- Two clamping jaw mounts on the basic unit permit a maximum opening width of up to 350 mm. Particularly important for many current models with extra-long vehicle springs. **4**
- Mirror for viewing from above makes the piston rod easier to position during installation. **5**
- Protective cage with high-strength polycarbonate panels ensures a high level of protection in the event of incorrect operation or accidental splintering of the material. **6**
- The two infinitely adjustable upper gripper jaws can be set to the required coil diameter. They can be moved upwards and downwards, tilted and fixed in place for maximum adaptability to any type of spring.
- The practical absorber drop guard keeps the absorber in position during installation. **8**
- The handles above the unit and the wheels make the unit easy to manoeuvre.

Application



120
Kg

GO MAX3000



Small



Medium



Standard equipment

Basic unit 3.000 kg

Small clamping jaw, Ø 78 - Ø 130 mm

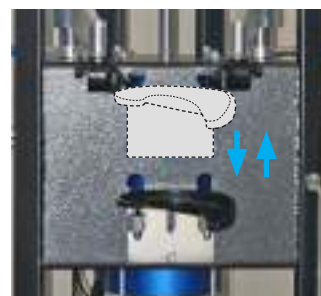
Medium clamping jaw, Ø 105 - Ø 185 mm

Mirror with swan neck, magnetic

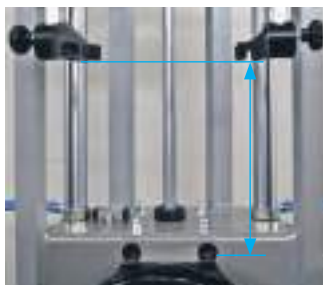
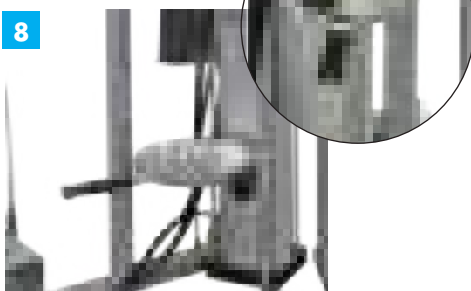
Transport module with 2 steel wheels

Vice clamping jaw for absorber tube, Ø 40-60 mm

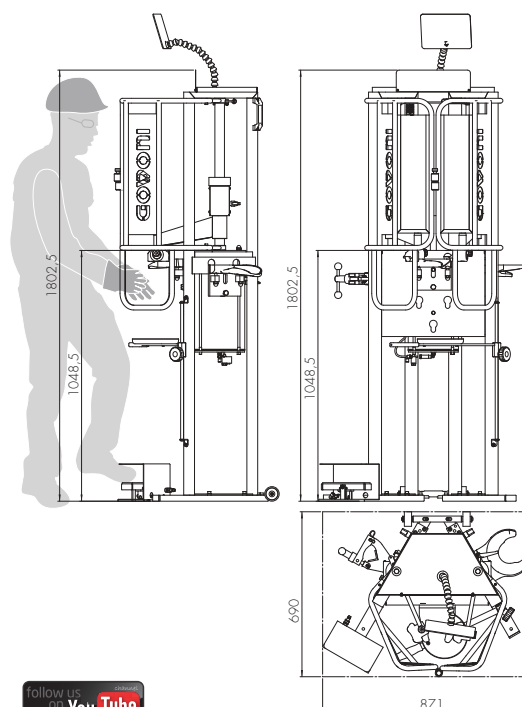
1
2
3
5
9
10



Big plate for upper and lower position



from 20 mm to 350 mm



Technical data

- CE approval for the unit documents the unit's conformity with 2006/42/EC (machinery directive)
- Working pressure max. 8 bar
- Cylinder stroke 330 mm

Follow us on YouTube



GO CODE **330**

1 with 5 pcs. **kg** 120 kg

G

+ UPGRADE OPTION +
BRACKET SMALL

UP TO 2.5T

GO

CODE **326**

1 with 1 pcs. 4,2 kg

Technical data

- from Ø 78 to Ø 130 mm
- Up to 2.5 Ton

G

+ UPGRADE OPTION +
BRACKET SMALL

UP TO 3T

GO

CODE **341**

1 with 1 pcs. 5 kg

Technical data

- from Ø 78 to Ø 130 mm
- Up to 3 Ton

G

+ UPGRADE OPTION +
BRACKET MEDIUM

UP TO 2.5T

GO

CODE **327**

1 with 1 pcs. 4,2 kg

Technical data

- from Ø 105 mm to Ø 182 mm
- Up to 2.5 Ton

G

+ UPGRADE OPTION +
BRACKET MEDIUM

UP TO 3T

GO

CODE **342**

1 with 1 pcs. 5 kg

Technical data

- from Ø 105 mm to Ø 182 mm
- Up to 3 Ton

G

+ UPGRADE OPTION +
BRACKET LARGE

UP TO 2.5T

GO

CODE **328**

1 with 1 pcs. 4,2 kg

Technical data

- from Ø 125 to Ø 205 mm
- Up to 2.5 Ton

G

+ UPGRADE OPTION +
BRACKET LARGE

UP TO 3T

GO

CODE **343**

1 with 1 pcs. 5 kg

Technical data

- from Ø 125 to Ø 205 mm
- Up to 3 Ton



UPGRADE OPTION BRACKET SET

UP TO 2.5T



Application

Mercedes: Class A, B, E

Technical data

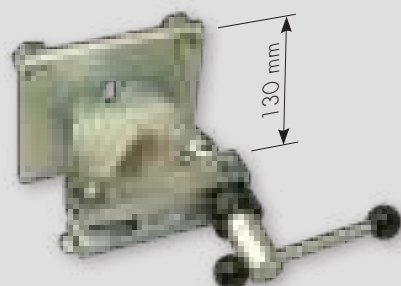
- Up to 2.5 Ton

GO CODE **323**
 1 with 2 pcs. **kg** 8,7 kg



UPGRADE OPTION VICE SMALL

UP TO 3T

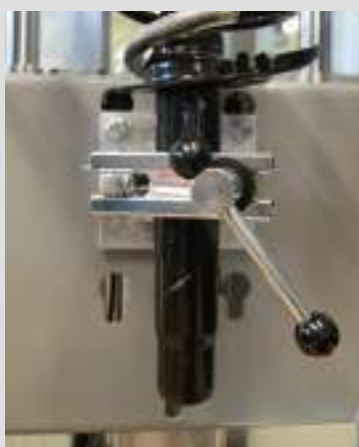


Technical data

- from Ø 40 to Ø 60 mm
- Up to 3 Ton

Application

Chrysler: Voyager



GO CODE **332**
 1 with 1 pcs. **kg** 4,2 kg



UPGRADE OPTION BRACKET LEFTWARDS

UP TO 2.5T



Technical data

- from Ø 105 to Ø 187 mm
- Up to 2.5 Ton

Application

e.g.: Nissan Qashqai

GO CODE **331**
 1 with 1 pcs. **kg** 4,22 kg



UPGRADE OPTION BRACKET LEFTWARDS

UP TO 3T



Technical data

- from Ø 105 to Ø 187 mm
- Up to 3 Ton

Application

e.g.: Nissan Qashqai

GO CODE **339**
 1 with 1 pcs. **kg** 4,2 kg



UPGRADE OPTION VICE LARGE

UP TO 3T



Technical data

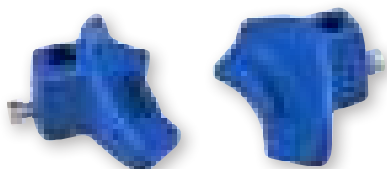
- from Ø 40 to Ø 60 mm
- Up to 3 Ton

Application

Chrysler: Voyager

GO CODE **333**
 1 with 1 pcs. **kg** 6 kg

G + UPGRADE OPTION + UPPER BRACKET SET



Application

BMW: rear shock absorbers
Jeep Cherokee, Jeep Grand Cherokee front shock absorbers
Japanese cars: Toyota, Honda, etc.

GO CODE **329**
1 with 2 pcs. 1 kg

G + UPGRADE OPTION + COIL SPRING CLAMP

UNIVERSAL



- Tool to secure coil spring into lower bracket for use with the Govoni range of suspension workstations.
- Designed to hold the coil spring still during initial compression and restrict twisting through the bracket.
- Added protection to prevent scratching the coil spring.

GO CODE **321**
1 with 1 pcs. 0,4 kg
§ **PATENT PENDING**



G + UPGRADE OPTION + MERCEDES C BRACKET



Application

Mercedes: Class C starting from 2010.
To be used with code GO327

GO CODE **324**
1 with 1 pcs. 4,6 kg

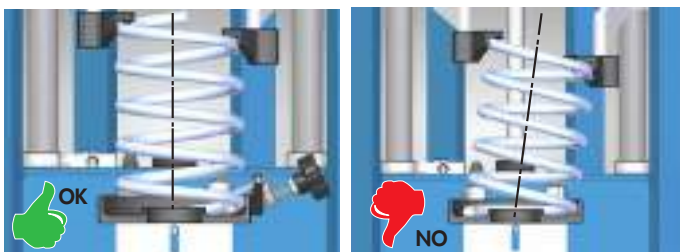
G + UPGRADE OPTION + MERCEDES A/B/E BRACKET



Application

Suitable for vehicle type Class A, B, E

GO CODE **335**
1 with 1 pcs. 4,7 kg





UPGRADE OPTION
WORKING MIRROR -
MAGNETIC AND FLEXIBLE



- The upper mirror is used to facilitate the centering and locking of the cap to the shock absorber stem



CODE

322

1 with 1 pcs.

kg 0,4 kg



UPGRADE OPTION
WHEELS MOBILE SET



- The rear wheels are used to make it easier to handle the machine



CODE

334

1 with 1 pcs.

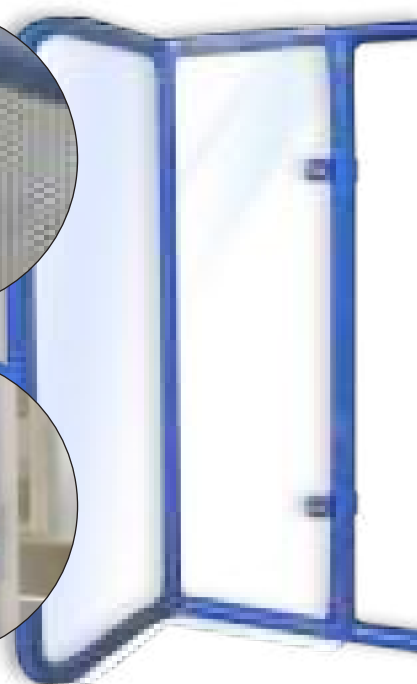
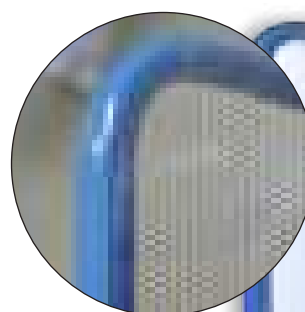
kg 1,7 kg



UPGRADE OPTION
POLYCARBONATE PANEL FOR
SAFETY GUARD



- The polycarbonate safety guard further increases operator protection while using this machine.
- It prevents the operator from inserting his/her upper limbs inside the machine working area, and prevents crushing of the fingers as well.



CODE

336

1 with 2 pcs.

kg 2 kg



MECHANICAL COIL SPRING COMPRESSOR



For compressing installed coil springs directly on the vehicle.



- Suitable as a removal aid for MacPherson spring struts, for rear axle springs and for broken springs.
- Enables the removal of the spring strut from the clamping bore in the axle casing without additional removal of various axle components or without lowering the sub-frame (support frame).
- Non-slip as each spindle has a right- and left-hand thread.
- Saves considerable time and money, as there is no need for a complicated wheel alignment.
- The short spindles allow particularly long rear axle springs to be pre-tensioned so that they can be removed safely and without residual tension.
- Don't use the tool on the bench. Use the tool directly on the auto vehicle.



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

Technical data

- Max. load: 800 kg/8.000 N
- Clamping width: Ø100 - 300 mm
- Clamping range: short spindle 90 - 180 mm, long spindle 110 - 315 mm

Application

E.g.: VAG Golf IV, V, VI, Touran, Passat, Audi A3, TT, Skoda Octavia, Seat Leon etc.

Components

- 4 x spring mounts, plastic-coated
- 2 x spindles M18, L=340 mm
- 2 x spindles M18, L=185 mm
- 1 x spring coil fixing tool

GO CODE **340**
with 9 pcs. **1 kg** 4,3 kg



SHOCK ABSORBER TOOLS SET FOR PISTON ROD



- Tool set to counteract the shock absorber's piston rod and, at the same time, to loosen and tighten the retaining nuts on the rod.
- Suitable for many MAC-Pherson suspensions.
- For removing suspensions after clamping the spring.
- Using a coupling torque wrench and its set of keys (ring or combination), the nut can be tightened all the way, during assembly, through the default torque.



Components

- 3 x ratchet wrenches with through hex to actuate the special sockets
- 7 x special sockets, 83 mm long, open.
For automatic-fixing fastening nuts on the piston rod

- 10 x bit sockets, 100 mm long, to counteract the piston rod
- 2 x teeth wrenches for toothed nut on the piston rod VAG/MB

GO	CODE	345
	1 with 22 pcs.	kg 4,2 kg



DEVICE FOR SWINGING ARMS AND SHOCK ABSORBERS REMOVAL - SINGLE ARM SYS.



MAX TORQUE 50Nm

Case 1

Removal of both oscillating arms



Case 2

Removal of shock absorber



- Only one operator required to carry out the entire assembly.
- Case **1**: Removal of both oscillating arms. Case **2**: Removal of shock absorber.
- Ultra-fast operation: use of impact gun.
- Sliding support foot to fit any underbody.
- Suitable for all cars and commercial vehicles.



GO CODE **371**
with 1 pcs. **8,7 kg**
§ **PATENTED**



Advantages

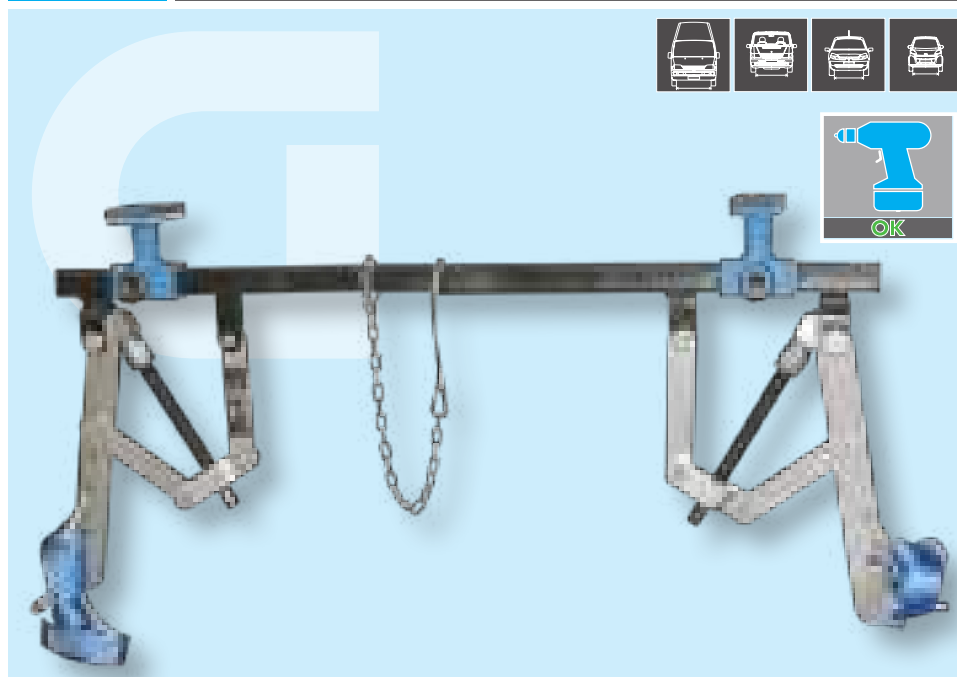
75% Time Saving compared to traditional mounting systems
50% Time Saving compared to traditional lever arm detaching tools on the market

Technical data

- Length: 1233 mm
- Height: 526 mm
- Width: 122 mm



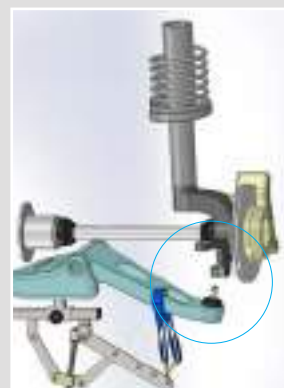
DEVICE FOR SWINGING ARMS AND SHOCK ABSORBERS REMOVAL - DOUBLE ARM SYS.



MAX TORQUE 50Nm

Case 1

Removal of both oscillating arms



Case 2

Removal of shock absorber



- Creates maximum clearance for repair work without the need for additional loosening or removal of various axle components.
- Overcomes even high levels of counter tension on the steering arm with minimal force and prevents damage to the dust boot on the supporting joint.
- Detachment through belt which guarantees utmost safety and keeps arms intact.
- Sliding support feet to fit any underbody



Application

Universal, for removing and installing axle components on anything from a passenger vehicle to a transporter; current example is Nissan Qashqai J11 - servicing operation on front axle
Enables easier removal of the damper unit from the clamping bore
No tilting when positioning the supporting joint pin on the axle
Maximum clearance for work on the drive shaft etc.

Technical data

- Length: 1000 mm
- Height: 120 mm
- Width: 450 mm
- Ultra-fast operation: use of impact gun

Follow us on YouTube



CODE

370

1 with 1 pcs.

kg 13,2 kg

§ PATENTED



WHEEL ALIGNMENT CAMBER DEVICE



UNIVERSAL



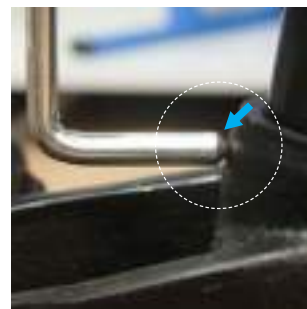
Use directly on the hub wheel

- 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, pavement and crashes in general, cause damage to the suspension system and corrupts the camber measure. This results in unroadworthy vehicles and unusual tyre usage.
- Allows the user to identify what is compromising the camber measure between the hub and shock absorber.

Example of application



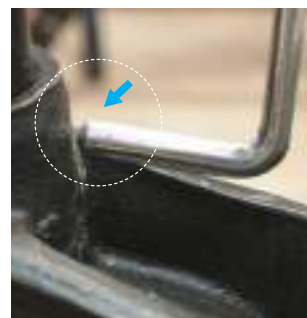
Adjust the pointing measuring tool against the fixing shock-absorber seat.



Refine measurement using the pointer stick.



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



If the pointer stick is in a different position, the result is the hub needing to be replaced. If the pointer stick fails to reach the suspension, the problem is with the shock absorber.

GO CODE **350**
with 18 pcs. 1,3 kg
§ **PATENTED**





AXLE REFERENCE DISTANCE WITH LASER SYSTEM



- The kit is used to check the axles after mechanical impacts caused by external forces such as, for example, accidents, hitting curbs, driving over potholes, colliding against objects, etc.
- The reference measurement consists in comparing the measuring points on the side subjected to the aforesaid external forces with the same measuring points of the axle on the opposite side:
CASE 1: Horizontal projection plane
CASE 2: Vertical projection plane
- The kit's laser components allow adjusting the axle precisely, according to the setting of the toe-in measured before the repair, after replacing steering elements such as tie-rod head, tie rod, axle joint.

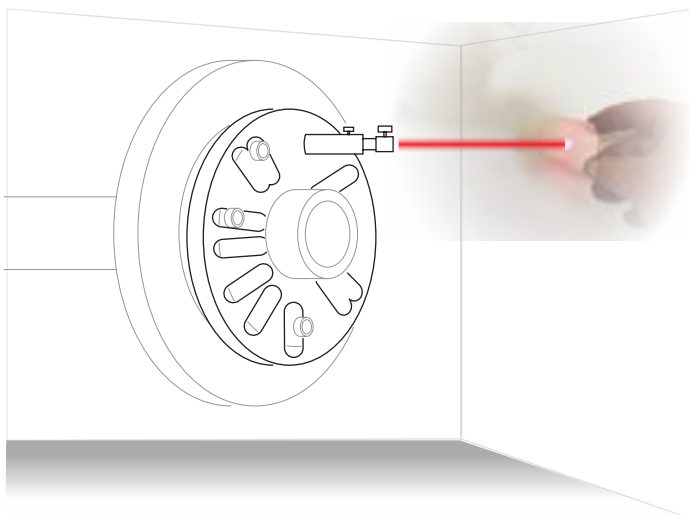
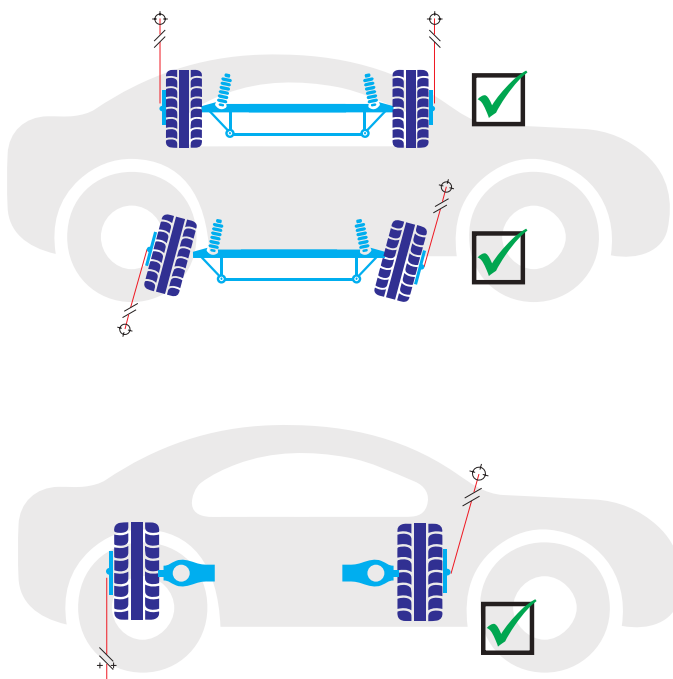
GO	CODE	651
	1 with 24 pcs.	kg 2,8 kg



Application

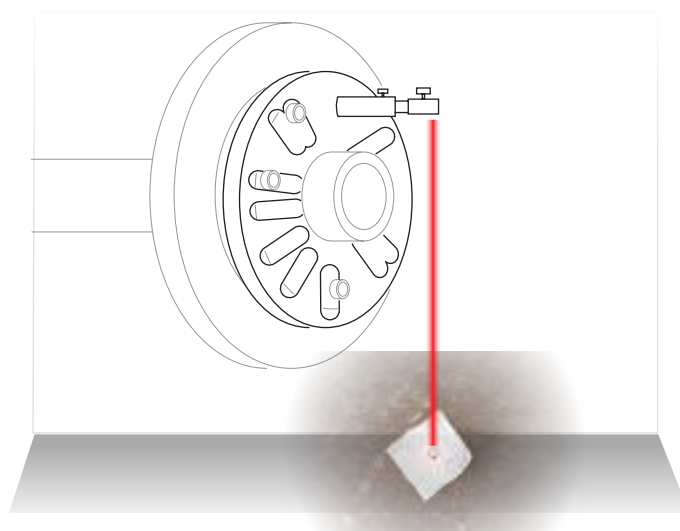
Applicable to: tie rod, axle joint

Applicable to: shock absorber bearing, shock absorber, fork, steering arm



1 Horizontal projection plane (WALL)

Components important for toe-in - front or rear laser alignment (wall)



2 Vertical projection plane (FLOOR)

Components important for inclination - high or low laser alignment (floor)



DIAGNOSTIC WHEEL ALIGNMENT TOOL SET

UNIVERSAL


Checking axle parts after mechanical interventions caused by external forces



Shock absorber check



Kingpin check

- The set is necessary to check the axles after mechanical impacts caused by external forces such as, for example, accidents, hitting curbs, driving over potholes, colliding against objects, etc.
- The reference measurement consists in comparing the measuring points on the side subjected to the aforesaid external forces with the same measuring points of the axle on the opposite side to define the status and the damaged component. New application with laser pointer: the laser components allow adjusting the axle precisely, according to the setting of the toe-in measured before the repair, after replacing steering elements such as tie-rod head, tie rod, axle joint.

Applications

- Hub / stub axle
- Shock absorber
- Camber
- Wheel

GO	CODE	365
	1 with 49 pcs.	kg 3,9 kg

Measuring/fixing of the toe-in and/or camber adjustment before replacing parts of the axle = laser function

The measurement principle is based on the fact that you first measure/secure the old toe-in/inclination value of one side.

The position of the laser pointer is marked accurately by means of tape or an indelible felt-tip pen on the relating projection plane.

First measure and fasten the side of the axle where no changes are to be made.

Once repaired, first of all align the laser pointer, on the axle side that was not corrected, exactly with the point that had been previously marked on the projection plane.



Replacing the tie-rod head -
Fixing the toe-in value



Replacing the suspension joints - Fixing the inclination value

Final check

If there is a high divergence between the measurement points one part (shock absorber or kingpin) is deformed and therefore must be replaced.



Measurement result **OK**



Measurement result **difference 1**



Measurement result **difference 2**



CLAMP SPREADER TOOL UNIVERSAL

UNIVERSAL

Case 1 Single clamping Bore

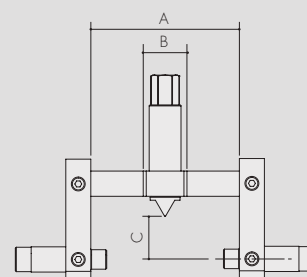
Technical data

A: 74,8 mm

B: 22 mm

C: 21,5 mm - with retractor H=10 mm

C: 24,5 mm - with retractor H=7 mm



Case 2 Two clamping bores

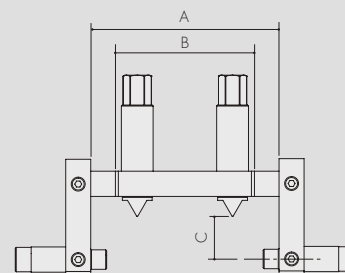
Technical data

A: 94,8 mm

B: 70 mm

C: 21,5 mm - with retractor H=10 mm

C: 24,5 mm - with retractor H=7 mm



Application

Wide range of application: VAG, BMW, Ford, PSA, Renault, Nissan etc



- Allows you to open the Clamp Bore to ease the removal and installation of locked components such as shock absorbers, Balljoints, etc.
- Suitable for spreading a single (Case 1) as well as two clamping bores (Case 2) especially for 4-link axles VW-Group.
- Suitable for machining steel or aluminum components.



Application on steering box.



Application on shock absorber.



Application on ball joint.



Components

2 x central body

2 x pressure spindles M16

4 x guide pins (2xØ10/12,56 mm - 2xØ8/10 mm)

4 x retractor (2xH=10 mm dull chisel - 2xH=7 mm pointed chisel)

2 x slide arm

1 x allen key, 3 mm



CODE

360

1 with 15 pcs.

kg 1,3 kg



TOOL KIT FOR DRILLING STEEL AND ALUMINIUM FOUR-ARM STEERING WHEEL AXLES

GROUP VW



Steel



- With the help of the new tool kit, you can easily remove the tightening screws that are often locked in the four-arm suspensions of cars of the VW Group.
- The various components permit damage-free disassembly, regardless of the position of the steering box (under/over) and also the screw's direction inside the fixing hole.
- Three drilling gauges ensure perfect central drilling, and the quality of the special HSS-TIN and TiCN bits avoids any type of problem.
- No crushing and/or deformation of the tightening screw!
- No breaking of the expensive axle body!
- Easy to manage – no space problems – fast disassembly!

Aluminium



GO CODE **170**
with 19 pcs. **1,4 kg**

Application

Audi A4/A6/A8 - Year of construction 1994 up to 2009
VW Passat - Year of construction 1996 up to 2005

Seat Exeo - Year of construction 2008-
Skoda Superb - Year of construction 2001-2002



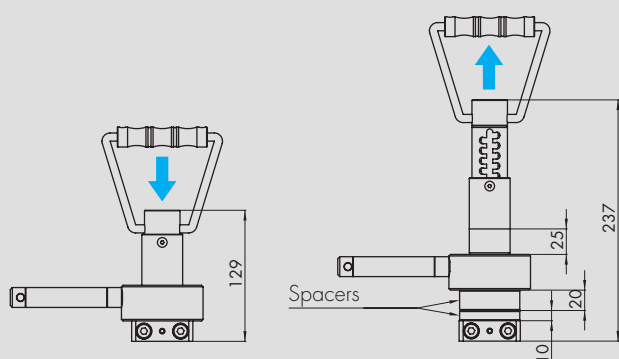
STRUT CONTROLLER UNIVERSAL

UNIVERSAL



Minimum stroke in resting position

Maximum stroke condition including spacers

**Components**

- 1 x telescopic pulling attachment, 2 pieces
- 1 x mounting cylinder for pulling attachment
- 1 x clamping jaw with screws
- 1 x clamping jaw screws for piston rod, diameter up to 28 mm
- 2 x spacers, H = 10 mm/H = 20 mm
- 1 x spanner

- Shock absorber installation kit, for assembly/disassembly of shock absorbers with tension stop springs (BILSTEIN). The ideal solution for new generation shock absorbers equipped with gas hydraulic piston, with automatic retraction.
- Enables piston rods to be removed and secured without damage and prevents the piston rod retracting when only the spring is being replaced.
- Integrated and upgraded with two spacers, to be used when working on shock absorbers with very long rods.
- Springs no longer need to be compressed to the maximum level, resulting in a safer clamping process.
- Fixing nut is easy to screw on to the piston rod during installation.
- Universal Delrin® clamp to lock the shock absorber rod and refit the spring.

Follow us on YouTube



GO

CODE **355**

1 with 8 pcs.

kg 3,2 kg

§ PATENTED

Example of application



Position the clamp with the fixing screws. Do not tighten.



Screw the rod-puller into the support and place the unit on the shock absorber rod. Fasten the shock absorber rod to the rod-puller, using the locking nut.



Remove the stem puller and lock it with a slight rotation to the right or left. NB: it is possible to extract the stem by another 20 mm keeping the support still and turning the stem puller.



When the removal is completed, lock the clamp with the screws.



If rod-puller stroke is insufficient: insert one or both spacers (provided) between the support and the clamp in order to further extract the shock absorber rod.



Remove the rod-puller after locking the clamp in its final configuration. Mount the spring and remove the clamp.

Application

Audi, Bmw, Citroën, Fiat, Ford, Mercedes, Nissan, Opel, Peugeot, Toyota, VW, on models that are equipped with Bilstein shock absorbers

Technical data

- Clamping range, Ø 12-28 mm (piston rod)
- Clamping jaw material: aluminium with plastic insert
- Height, min./max.: 129/237 mm



REAR AXLE WRENCH



- Manual Wrench XZN 12
- The use of this special wrench allows, during the assembly and disassembly of the rear axle covered by the underbody, not to damage the clamping screws. Consequently the advantage will be saving in time.
- Usable also on old models without underbody cover.

Technical data

- Total lengths: about 340 mm.
- XZN 12

GO	CODE	358
1	with 1 pcs.	kg 0,77 kg

Application

Usable also on old models without underbody cover.
Mercedes: rear axle Class C, Class S.

MERCEDES

Rear axle application



EXTRACTOR FOR STEERING SYSTEM UNIVERSAL

UNIVERSAL



GO	CODE	356
1	with 1 pcs.	kg 1 kg

Technical data

- Passengers cars and trucks:
Ø 43,2 mm - 20,25 mm



EXTRACTOR FOR STEERING SYSTEM UNIVERSAL

UNIVERSAL



GO	CODE	357
1	with 1 pcs.	kg 1,2 kg

Technical data

- Passengers cars and trucks:
Ø 45,2 mm - 32,25 mm

the toolmaker[®]
GOVONI[®]
...just blue, just perfect!

ENGINE AND CLUTCH

G

INJECTORS AND GLOWPLUGS

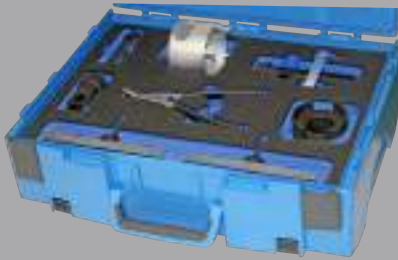
76-144



G

CLUTCH AND BELT

145-163



G

ENGINE AND CNG

164-190



G

TIMING TOOLS

192-223





SLIDE HAMMER INJECTOR REMOVAL MASTER KIT

BOSCH

DENSO

SIEMENS



- Extractor for injectors for professional mechanics, car-repair garages or car repair shops. This operation may be carried out without disassembling the injector head.
- This kit allows injector removal with three distinct procedures:
 - 1** Using the pliers with holding arms perfectly fitting to the shape of the injector
 - 2** Using the articulated joint adapter and the pivot, that has to be screwed to the fitting of the Common Rail duct.
 - 3** Use on Pump Düse injectors.
 - 4** Using the special socket (for Bosch CR) that ensures the removal of the injector without removing the electrical connection plastic top, the injector remains hence intact and working after removal.

1 use with pliers



2 use with articulated joint



3 use for Injector Pump Düse system



4 use with special socket



Example on Bosch CR injectors



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on YouTube



Application

Injectors: Denso, Bosch, Siemens

GO	CODE	440
1	with 9 pcs.	kg 5 kg



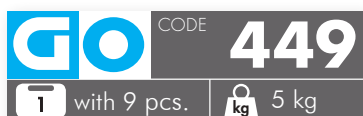
SLIDE HAMMER INJECTOR SET WITH CR ADAPTERS



- New adapters M12x1,5 and M14x1,5 for CR connector
- Extractor for injectors for professional mechanics, car-repair garages or car repair shops. This operation may be carried out without disassembling the injector head.
- This kit allows injector removal with three distinct procedures:
 - 1** Using the pliers with holding arms perfectly fitting to the shape of the injector
 - 2** Using the articulated joint adapter and the pivot, that has to be screwed to the fitting of the Common Rail duct.
 - 3** Use on Pump Düse injectors.

Application

Injectors: Denso, Bosch, Siemens



BOSCH
SIEMENS

DENSO

Example of applications

- 1** Use with pliers



- 2** Use with articulated joint



- 3** Use for Injector Pump Düse system





MASTER SLIDE HAMMER INJECTOR SET WITH CR ADAPTERS

SIEMENS

BOSCH

DENSO



- New adapters M12x1,5 and M14x1,5 for CR connector
- Extractor for injectors for professional mechanics, car-repair garages or car repair shops. This operation may be carried out without disassembling the injector head.
- This kit allows injector removal with three distinct procedures:
 - 1 Using the pliers with holding arms perfectly fitting to the shape of the injector
 - 2 Using the articulated joint adapter and the pivot, that has to be screwed to the fitting of the Common Rail duct.
 - 3 Use on Pump Düse injectors.
 - 4 Using the special socket (for Bosch CR).

Examples of use

1 Use with pliers

2 Use with articulated joint

3 Use for Injector Pump Düse system

4 Use with socket



Applications

Injectors: Denso, Bosch, Siemens



CODE

507

1 with 11 pcs.

kg 5 kg



SLIDE HAMMER CR INJECTOR SET

INJECTORS CR



- New adapters M12x1,5 and M14x1,5 for CR connector
- Extractor for injectors for professional mechanics, car repair garages or car repair shops. This operation may be carried out without disassembling the injector head
- This kit allows the injectors to be extracted by fixing themselves directly on the CR inlet of the injectors.

Application

Injectors CR (Common Rail)



INCLUDED:
Tape for injector
cleaning



CODE

508

1 with 8 pcs.

kg 5 kg





BOSCH CR REMOVAL SOCKET

BOSCH CR

Application

The socket holds the injector under the fixing nut of the electrical connection



- Special socket that allows removal of bosch injectors both with size CH.29 and CH.30. The tool allows the removal of the complete injector granting no injector opening/dismounting.
- The tools ensures the removal of the injector without removing the electrical connection plastic top



Place the tool on the injector to hold it under the nut. If necessary, unscrew the fixing nut slightly to have the space necessary to place the tool.



Injector fixing and tool locking.



Final fixing of the tool.

GO	CODE	441
	T with 1 pcs.	kg 0,7 kg
§ PATENTED		



SLIDE HAMMER INJECTOR REMOVAL SET - DENSO



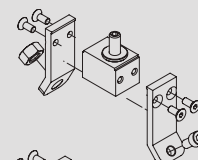
- System studied to remove injectors independently from the engines, where they are mounted.
- Different types of tools (modular) to be fixed to the injector to be extracted.
- Carry out the removal operation by connecting the extractors to injector edges, it is therefore not necessary to disassemble the upper part of it and this guarantees ist operation
- Group for the extraction of the injectors with the aid of the impact mass.



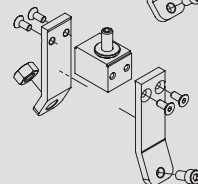
DENSO

Assembly

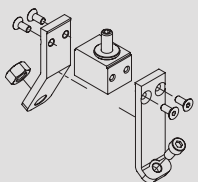
DENSO
23670-26011



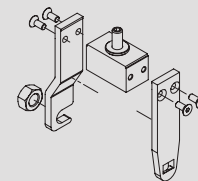
DENSO
23670-30080
08G09496
23670- 0R050
10J 06798



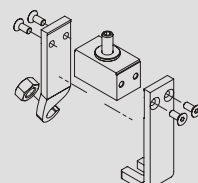
DENSO
MB4 16600
MB40A 03J
01523



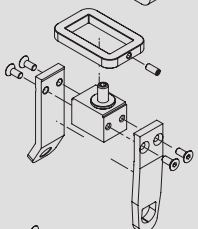
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5870 09F03391
13H50B



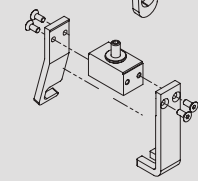
DENSO
8-97376270-3
11L 12182



DENSO
6C1Q-9K546-BB
09H 05699



DENSO
8-97376270-1
02K 26779



GO CODE **403**
with 15 pcs. 7,3 kg



Application

Injectors code: 23670 - 30080, MB416600 - MB40A, 5870 - 13H50B
Denso: 11L 12182, 23670 - 26011, 23670 - 0R050, 10J
Models: Toyota, Lexus, Nissan, Mazda, Opel/Vauxhall



SLIDE HAMMER REMOVAL - STANDARD KIT



Example of applications



- This basic set is part of a modular system and serves as a drive tool for various extractors. It saves money, as it only has to be purchased once.
- Use together with disassembly tools for glow plugs and injectors.
- With the help of various adapters, it is possible to directly activate injector extraction fasteners, disassembly tool sealing rings and extraction spindles.
- Depending on the space and strength requirements, the sliding rod can be extended and/or equipped with a joint

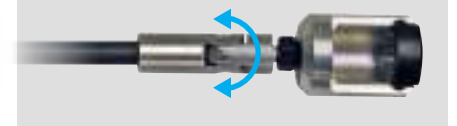
Use with screw in adaptors



Use with fork adaptors



Universal joint



UPGRADE OPTION ADJUSTABLE PLIER

UNIVERSAL



- Special claw to take the injector fitted.
- M12 connection.

GO	CODE	454
1	with 1 pcs.	kg 0,3 kg

Technical data

- Slide hammer: 1,5 Kg

GO	CODE	406
1	with 8 pcs.	kg 2 kg



SLIDE HAMMER REMOVAL - ADVANCED KIT



- This basic set is part of a modular system and serves as a drive tool for various extractors. It saves money, as it only has to be purchased once.
- Use together with injector disassembly tools.
- M18 support thread allows direct activation of injector extraction brackets (without breakdown of the piece) and also of injector-extractor-thread adapters (with breakdown of the piece).
- Depending on the space and strength requirements, the sliding rod can be extended and/or equipped with a joint.

Example of application



GO	CODE	407
	with 10 pcs.	6,2 kg

Technical data

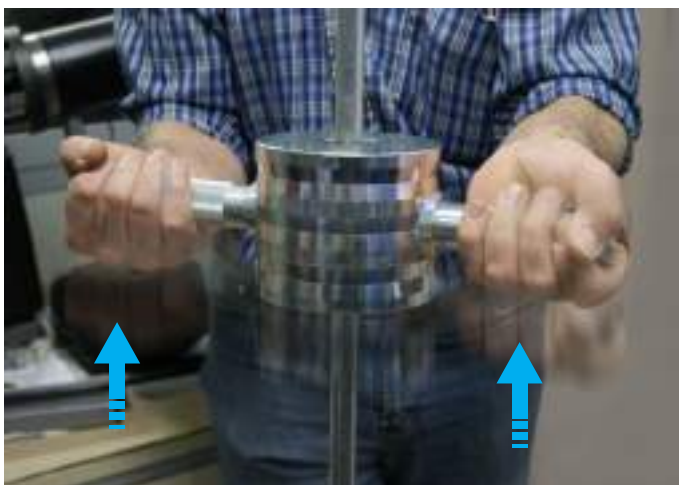
- Slide hammer: 3 Kg



SLIDE HAMMER - 9 KG



- For powerfully driving out components and for straightening jobs on bodywork.
- Extremely effective loosening effect via impact with a maximum force of approx. 8 tonnes.
- Effectively loosens even the most firmly anchored components, e.g. which have been pressed in, have rusted or are connected with a cone.
- With the relevant accessories, suitable for removing injectors, wheel hubs, supporting joints etc.



Diesel injector
removal

Technical data

- Slide hammer with weight: 9 kg
- Total length: 770 mm
- Connection thread: M18x1,5

GO	CODE	520
	1 with 1 pcs.	11,6 kg



SLIDE HAMMER NON-IMPACT



UNIVERSAL 3 KG

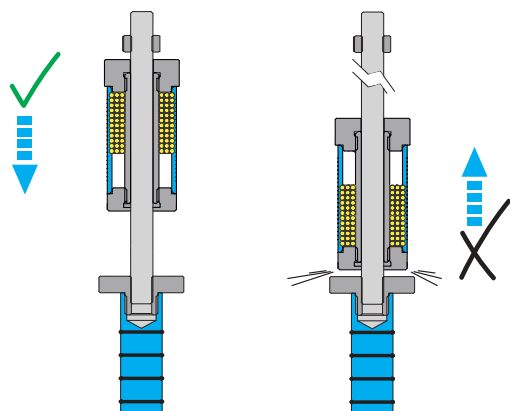


Applications

Injectors, hubs, support joints,
bodywork works

- For powerful expulsion of stuck components as well as for body straightening work.
- The new slide hammer version is filled with a steel shot. This prevents the weight from bouncing back against the abutment. The impact intensity is thus increased because the full impact force is transmitted to the component to be machined.
- This version is also very gentle on the joints and allows fatigue-free working.

The principle of "non-impact"



GO CODE **438**
 with 10 pcs. **7,5 kg**
§ PATENTED

Technical data

- Weight: 3Kg
- Total length: 580mm
- Connection - Thread: M18x1.5



UPGRADE OPTION THREAD ADAPTER SET



- Complementary assortment containing the four most commonly used adapters for slide hammers code GO520 and GO530.

GO CODE **521**
 with 5 pcs. **7 kg**



INJECTOR REMOVAL FORK

MERCEDES



Application

Mercedes CDI engines (except for Sprinter / Vito and A Class)

Technical data

- Fork width: 12 mm
- Connection thread: M18x1.5



CODE

424

1 with 1 pcs.

kg 0,4 kg



INJECTOR REMOVAL FORK

SIEMENS



Components

- 1 x fork
- 1 x adaptor M25x1
- 1 x fixing nut



Technical data

- Fork width: 14 mm
- Connection thread: M18x1.5
- Height: 104 mm



CODE

442

1 with 3 pcs.

kg 0,5 kg



INJECTOR REMOVAL FORK

FORD



Application

Ford 2.0 ecoblue TDCI from 2016 (Ford Galaxy, S-max, Mondeo, Focus C-Max, Transit and Custom (from 2018), etc



Technical data

- Fork width: 19mm
- Connection thread: M18x1.5
- Height: 98 mm



CODE

455

1 with 1 pcs.

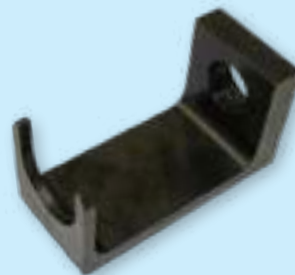
kg 0,3 kg



INJECTOR REMOVAL FORK

FIAT

OPEL



Application

Opel: 1.9L (Z19DT, DTH, DTL)
Opel: 2.0L (LBS, LBX, LBY, LCD) for ex. Insignia
Fiat: 1.9L JTD

Technical data

- Fork width: 25 mm
- Connection thread: M18x1.5



CODE

423

1 with 1 pcs.

kg 0,4 kg



INJECTOR REMOVAL FORK

DELPHI



Components

- 1 x fork
- 1 x adaptor M18x1.5 - M12



Technical data

- Fork width: 16 mm
- Connection thread: M18x1.5
- Height: 70 mm



CODE

443

1 with 2 pcs.

kg 0,4 kg



INJECTOR REMOVAL FORK

BOSCH



Technical data

- Fork width: 16 mm
- Connection thread: M18x1.5
- Height: 129 mm



CODE

444

1 with 1 pcs.

kg 0,4 kg



UPGRADE OPTION



INJECTOR HEAD REMOVAL SOCKET-SET

- The set contains 4 adapter sockets to disassemble the nozzle head with electrical connection along with 3 clutch adapters for jet screw threading operation.
- As soon as the nozzle head and jet needle are disassembled, traction adapters can be screwed in for disassembly with the slide hammer or bridge and the hydraulic cylinder.
- The particularly slim shape allows access even with very close injectors.



CODE

408

1 with 9 pcs.

kg 2 kg

Application

Universal use e.g. for BMW, Mercedes, Peugeot, Citroën, Ford, Renault, Nissan, etc.



UPGRADE OPTION



INJECTOR HEAD REMOVAL SOCKET-SET

- The set allows the removal of the nozzle head with electrical connections on the injectors.
- This set helps the injectors be split into pieces for further disassembly.
- The particularly slim and open shape allows access even with very close injectors.



Components

- 1 x wrench 25 mm
- 1 x wrench 27 mm
- 1 x wrench 29 mm
- 1 x wrench 30 mm



CODE

409

1 with 4 pcs.

kg 1,3 kg

Application

BMW, Mercedes, Peugeot, Citroën, Ford, Renault, Nissan, etc.



UPGRADE OPTION INJECTOR ADAPTOR SET

- The disassembling screw adapter helps to create a stressed, forcecoupled connection between the injector and the sliding rod or the glow plug. In this way the extractors can be extracted with high impact and hydraulic forces.
- The double adapters are simultaneously adjusted internally on the screwing ring thread and externally on the screwing of the nozzle head. The accessory allows connection with the traction systems available.

CODE	THREAD	DESCRIPTION	QUANTITY
311 146 011	M18x1,5	Screw L=220mm	1 pcs.
311 070 006	M18x1,5	Nut CH30	1 pcs.
311 083 004		Washer with bearing	1 pcs.
311 166 008	M-F M18x1,5	Extension	1 pcs.
311 166 007	F-F M18x1,5	Extension	1 pcs.
311 146 017	M27x1	Adapter (SIEMENS)	1 pcs.
311 146 016	M25x1	Adapter (SIEMENS)	1 pcs.
311 146 013	M14x1,5	Adapter (DELPHI)	1 pcs.
311 146 014	M16x1	Adapter (DENSO)	1 pcs.
311 146 015	M20x1	Adapter (DENSO)	1 pcs.
311 166 005	Int. M17x1 - Ext. M27x1	Adapter (BOSCH)	1 pcs.
311 198 000	Int. M14x1 - Ext. M25x1	Adapter (SIEMENS)	1 pcs.
311 199 000	Int. M14x1 - Ext. M25x0,75	Adapter (DENSO)	1 pcs.
311 210 000	Int. M20x1 - Ext. M25x0,5	Adapter (DENSO)	1 pcs.



Application

The set allows you to adapt about 90% of all injectors.



CODE

427

1 with 13 pcs.

kg 3,2 kg

SIEMENS

BOSCH

DENSO



UPGRADE OPTION INJECTOR ADAPTOR SET

- The double injector fixing, both in its inner part and in the external, ensures maximum tightness during the extraction operation.
- This adapter set is used to create a feed shaft holder on the injector.
- Available injector extractors such as slide hammers/hydraulic cylinders/mechanical spindles can be used to extract seized injectors safely.
- The newly developed half shell adapter for Bosch injectors grips below the ring nut (size 29 or size 30) from the outside, eliminating the need for partial dismantling and injector calibration.
- With special sockets for removing the internal valve (3-pin for Denso/2-pin for Siemens). Damage-free removal via male and female threads on Denso and Siemens injectors.



Application

Injectors code: 23670 - 30080, MB416600 - MB40A, 5870 - 13H50B

Denso: 11L 12182, 23670 - 26011, 23670 - OR050, 10J

Models: Toyota, Lexus, Nissan, Mazda, Opel/Vauxhall

Injectors: Bosch CR, Denso CR, Siemens CR



CODE

404

1 with 7 pcs.

kg 2 kg



INJECTOR EXTRACTOR KIT - MASTER

BOSCH

DELPHI

DENSO

SIEMENS

CONTINENTAL



- 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 mechnadraulic).

Application

Connected injectors available for Mercedes Benz, Opel, FCA Group (e.g. 1.3 Mj), Suzuki.

M17x1 for Bosch, M14x1 for Delphi models, Toyota with adapter M16x1, M20x1 used for the extraction of Denso injectors and finally M25x1 and M27x1 for Siemens.



CODE

405

1 with 43 pcs.

kg 21,3 kg

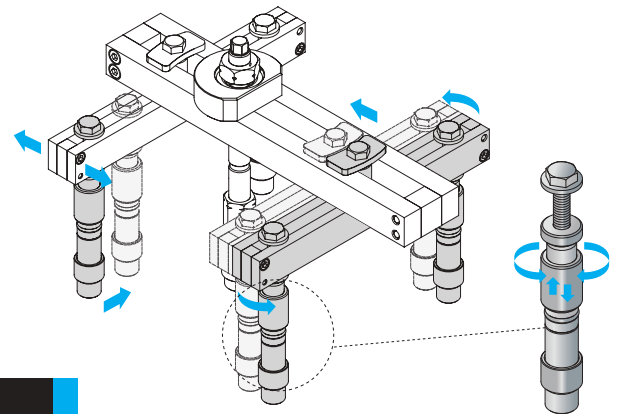
§ PATENTED

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ENGINE AND CLUTCH

INJECTORS AND GLOWPLUGS



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...



UPGRADE OPTION 12T MECHADRAULIC CYLINDER ADAPTOR KIT

**12 TON
ALUMINUM**



Technical data

- Force: 12tons
- Stroke: 8 mm
- Dimensions: Ø80x260x45 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm
- Driving torque: 56Nm
- Weight: 1,65 Kg
- Grease temperature range of

use: from -25°C to 80°C

- Material: aluminium
- Adaptors: M10/M12/M14/
M16/M18

GO CODE **1015**

T with 8 pcs.

kg 1,8 kg

§ PATENTED



UPGRADE OPTION 20T HYDRAULIC CYLINDER

20 TON

STEEL



Technical data

- Force: 20tons
- Stroke: 8 mm
- Dimensions: Ø100x60 mm
- Pressure: max. 700 Bar
- Hole: Ø33 mm
- Connection: 3/8" -18 NPT
- Material: steel
- Adaptor: Ø20 mm

GO CODE **1020**

T with 2 pcs.

kg 3 kg



INJECTOR MECHANICAL EXTRACTOR MASTER KIT, UNIVERSAL

BOSCH

DELPHI

DENSO

SIEMENS



- Often, the injector is locked in its seat due to fouling caused by burning and can not be removed without a proper tool.
- Specific for disassembling very locked injectors.
- The advantage of the supporting feet adjustment, on the fixing screws of the head, ensures its use in different levels (right and left); as well as the possibility to adjust the slippage of the two side bars.
- The adjustment, therefore, takes place both in height and width according to the conformity of the engine head.
- This kit can be used directly on the vehicle, with the engine mounted; its mechanical operation in fact, allows it to be used in confined spaces or in the far back position near the passenger compartment

Application

Connected injectors available for Mercedes Benz, Opel, FCA Group (e.g. 1.3 Mj), Suzuki.

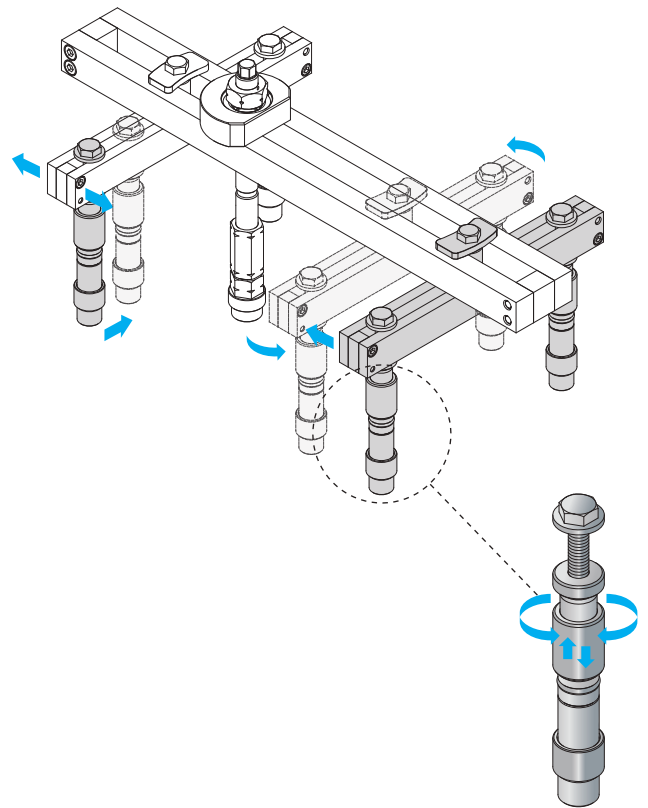
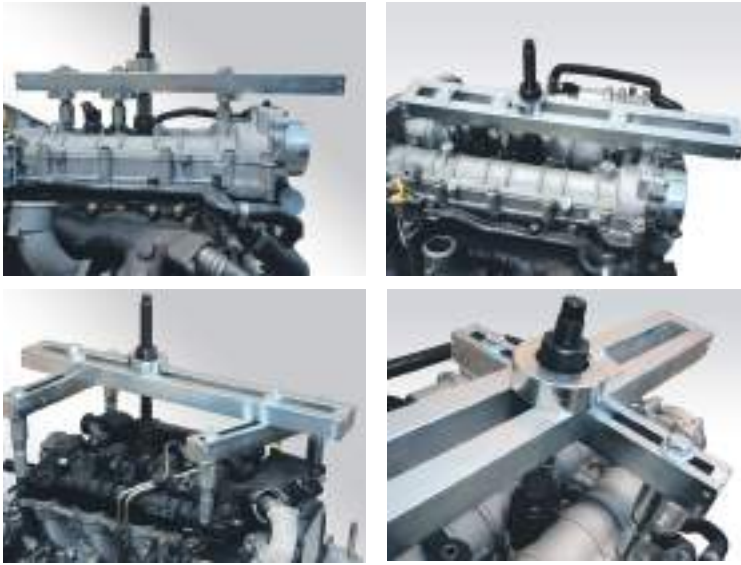
M17x1 for Bosch, M14x1 for Delphi models, Toyota with adapter M16x1, M20x1 used for the extraction of Denso injectors and finally M25x1 and M27x1 for Siemens.

GO CODE **410**
with 36 pcs. 18 kg
§ **PATENTED**



ENGINE AND CLUTCH

INJECTORS AND GLOWPLUGS



G

UPGRADE OPTION

12T MECHADRAULIC CYLINDER ADAPTOR KIT

12 TON
ALUMINUM

Technical data

- Force: 12tons
- Stroke: 8 mm
- Dimensions: Ø80x260x45 mm

- Pressure: max. 700 Bar
- Driving torque: 56Nm
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1015**

T with 8 pcs. **kg** 1,8 kg

§ PATENTED

G

UPGRADE OPTION

20T HYDRAULIC CYLINDER

20 TON
STEEL

Technical data

- Force: 20tons
- Stroke: 8 mm
- Dimensions: Ø100x60 mm
- Pressure: max. 700 Bar
- Hole: Ø33 mm
- Connection: 3/8" -18 NPT
- Material: steel
- Adapter: Ø20 mm

GO CODE **1020**

T with 2 pcs. **kg** 3 kg



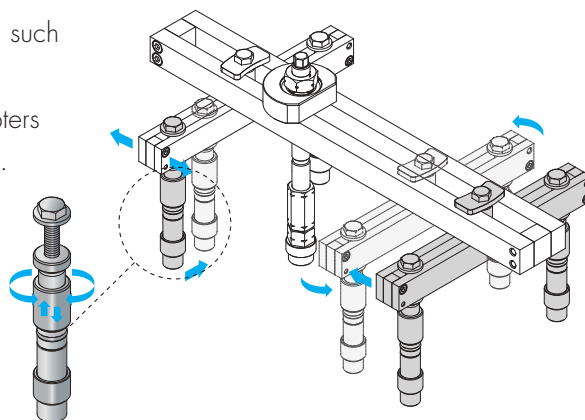
BOSCH INJECTOR EXTRACTOR KIT - BASIC



BOSCH CR



- This set is required as a base for traditional injector disassembly tools, such as the slide hammer or the injector bridge.
- It contains all the tools needed to breakdown the piece and the adapters for screws needed for connection to the disassembly system available.
- In this way the injectors can then be extracted with high impact and hydraulic forces.



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

Application

The set allows you to adapt about 90% of all injectors.

GO CODE **414**
with 26 pcs. 12 kg
§ PATENTED





INJECTOR ADAPTOR SET - BOSCH

BOSCH CR



- Integrative set for the extraction of Bosch CR injector.
- For engines where it is necessary a double and simultaneous extraction of the injectors.

Application

To be used in combination with the GO 414 injectors extraction set.

Components

- 1 x Screw M18x1,5 L=220mm
- 1 x Washer with bearing
- 1 x Extension F-F M18x1,5
- 1 x Adapter Int. M17x1 - Ext. M27x1 (BOSCH)
- 1 x Nut M18x1,5 - CH30



CODE **421**

1 with 5 pcs. **kg** 1,4 kg



BOSCH CR SOLENOID REMOVER

BOSCH CR



Technical data

- CH.10 mm
- CH.19 mm



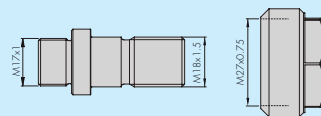
CODE **411**

1 with 1 pcs. **kg** 0,2 kg



BOSCH ADAPTOR

BOSCH CR



Application

Double fixing



CODE **493**

1 with 2 pcs. **kg** 0,3 kg

Components

- 1 x pin M17x1 - M18x1.5
- 1 x bush M27x0.75



INJECTOR ADAPTERS SET

DENSO

SIEMENS



Components

- 1 x Denso M25x0.5 - M20x1 injector adaptor
- 1 x Denso M25x0.75 - M20x1 injector adaptor
- 1 x Siemens M25x1 - M14x1 injector adaptor

Application

Double fixing



CODE **517**

1 with 3 pcs. **kg** 0,7 kg

G INJECTOR VALVE SPINDLE SOCKET

SIEMENS



G INJECTOR VALVE SPINDLE SOCKET

DENSO



GO CODE **456**
1 with 1 pcs. 0,1 kg

Technical data

- 4 pins - Ø 4 mm
- CH. 22

GO CODE **457**
1 with 1 pcs. 0,1 kg

Technical data

- 3 pins - Ø 3 mm
- CH. 22

G DENSO ADAPTOR

DENSO



Application

Double fixing

GO CODE **458**
1 with 2 pcs. 0,2 kg

Components

- 1 x pin M20x1 - M18x1.5
- 1 x bush M25x0.5

G DENSO ADAPTOR

DENSO



Application

Double fixing

GO CODE **459**
1 with 2 pcs. 0,3 kg

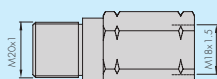
Components

- 1 x pin M20x1 - M18x1.5
- 1 x bush M25x0.75



DENSO ADAPTER

DENSO



Technical data

- connection M20x1
- inner thread M18x1.5
- CH. 24



CODE

491

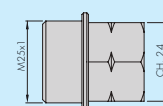
1 with 1 pcs.

kg 0,2 kg



SIEMENS ADAPTOR

SIEMENS



Application

Double fixing

Components

- 1 x pin M14x1
- 1 x bush M25x1



CODE

464

1 with 2 pcs.

kg 0,2 kg



SIEMENS ADAPTER

SIEMENS



Technical data

- connection M25x1
- inner thread M18x1.5
- CH. 24



CODE

492

1 with 1 pcs.

kg 0,2 kg



SIEMENS ADAPTOR

SIEMENS



Technical data

- connection M27x1
- inner thread M18x1.5
- CH. 24



CODE

494

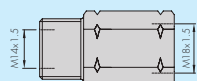
1 with 1 pcs.

kg 0,2 kg



DELPHI ADAPTOR

DELPHI
BOSCH PIEZO



CODE **479**

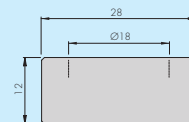
1 with 1 pcs. **kg** 0,2 kg

Technical data

- inner thread M18x1.5
- inner thread M14x1.5
- CH. 24



SPACER FOR INJECTOR EXTRACTION



Application

Model: Renault, Nissan, Opel
Engine: 2.0 dCi - M9R

Technical data

- dimension 28x12 mm
- internal diameter 18 mm



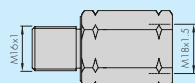
CODE **439**

1 with 1 pcs. **kg** 0,1 kg



TOYOTA ADAPTOR

TOYOTA



CODE **437**

1 with 1 pcs. **kg** 0,2 kg

Technical data

- connection M16x1
- inner thread M18x1.5
- CH. 24



INJECTOR SOCKET

OPEL



- Socket suitable for removing injectors mounted on GM- Opel 2.0, 2.2 CDTi



CODE **484**

1 with 1 pcs. **kg** 0,2 kg

Technical data

- connection M17x0.75
- connection M18x1.5
- connection M12x1.75

G INJECTOR REMOVAL SOCKET

BOSCH



Technical data

- Size: CH.29
- Length: 78 mm
- Connection: 1/2"
- Bosch

GO CODE **429**
 1 with 1 pcs. 0,3 kg

G INJECTOR REMOVAL SOCKET

BOSCH



Technical data

- Size: CH.30
- Length: 78 mm
- Connection: 1/2"
- Bosch

GO CODE **430**
 1 with 1 pcs. 0,3 kg

G INJECTOR REMOVAL SOCKET

SIEMENS



Technical data

- Size: CH.25
- Length: 78 mm
- Connection: 1/2"
- Siemens

GO CODE **431**
 1 with 1 pcs. 0,2 kg

G INJECTOR REMOVAL SOCKET

SIEMENS



Technical data

- Size: CH.27
- Length: 78 mm
- Connection: 1/2"
- Siemens

GO CODE **432**
 1 with 1 pcs. 0,3 kg

G INJECTOR REMOVAL SOCKET

CR ENGINES



Technical data

- Size: 17 mm
- Length: 80 mm
- Connection: 3/8"

GO CODE **428**
 1 with 1 pcs. 0,1 kg

G ADAPTER-SOCKET'S FOR INTERNAL VALVE

SIEMENS

BOSCH

DENSO



Components

- 1 x Denso injector valve spindle dismantling tool
- 1 x Siemens injector valve spindle dismantling tool
- 1 x Bosch injector valve spindle dismantling tool



GO CODE **516**
 1 with 3 pcs. 0,3 kg

G + UPGRADE OPTION + **FCA AND PSA GROUP UPGRADE SET**

- Expansion set for the extraction of specifically well-seated injectors in HDI and JTD engines.
- The support feet provide steady support points for the extraction bridge of the injector dismounting set.
- The support points on the cylinder head allow the greatest tensile strengths.
- The feed rod M18/M17 of the extraction system is directly fastened with the inner thread for the nozzle pin screw connection. First remove the nozzle head

Note

- The injector dismounting set GO405 must be available as a basis.
- For the dismounting of the nozzle head and nozzle pin screw connections, the following tools are supplied: GO429/GO411.

Application

Injector: Bosch, Siemens
Engine 2.0 HDI, 2.2 HDI, 2.0 JTD, 2.2 JTD
Engine codes: DW10: RTH, RHW, 4HW, RHT, RHM, RHR, RHK
DW12: 4HX, 4HZ, 4HV, 4HY, 4HT, 4HS, 4Hp, 4HR, 4HN



LANCIA FIAT PSA



GO CODE **416**
1 with 9 pcs. 3,7 kg

G + UPGRADE OPTION + **MERCEDES UPGRADE SET**

- Expansion set for the extraction of specifically well-seated injectors in Mercedes engines.
- The steady support points on the cylinder head ensure high pulling strengths.
- They allow the simultaneous extraction of two injector, because they are fastened to the cylinder head by only one clamping claw.
- The feed rod M18/M17 of the extraction system is directly fastened with the inner thread for the nozzle pin screw connection. First remove the nozzle head

Note

- The injector dismounting set GO405 must be available as a basis.
- For the dismounting of the nozzle head and nozzle pin screw connections, the following tools are supplied: GO429/GO411.

Application

MB CDI A class series 169 (245) OM640
MB CDI A & B class series 168, Vito, Viano (OM668)



MERCEDES



GO CODE **418**
1 with 18 pcs. 2,8 kg



UPGRADE OPTION RENAULT UPGRADE SET

- Supports to use with the injectors' removal bar suitable for Renault/Nissan, Opel 2.0dCi M9R engines.
- Install the feet to the supporting bar using the screws supplied. Lay the mounted supports on the engine and adjust them into the head's seats

RENAULT

NISSAN

OPEL

BOSCH PIEZO



CODE **422**
1 with 13 pcs. 3,2 kg

Application

Engine: 2.0 dCi
Engine codes: M9R

Note

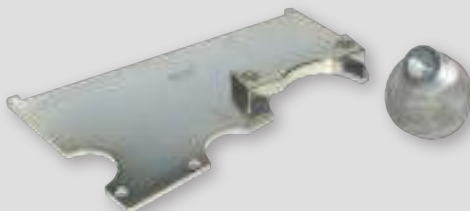
The injector dismantling set GO405 must be available as a basis.



UPGRADE OPTION RENAULT AND NISSAN UPGRADE SET

RENAULT

NISSAN



- Expansion set for pulling out specially tightly fitted injectors from Renault/Nissan 2.2 - 2.5 dCi engines.
- Insert the supporting plate on the opposite site of the engines accordingly to the shape.

Application

Renault: Vel Satis, Espace, Laguna II, Trafic II, Master II
Opel: Movano, Vivaro
Nissan: Interstar, Primastar
Engine codes: G9T and G9U (1999 - 2011)
Engines: 2.2L, 2.5L dCi

Note

The injector dismantling set GO405 must be available as a basis.



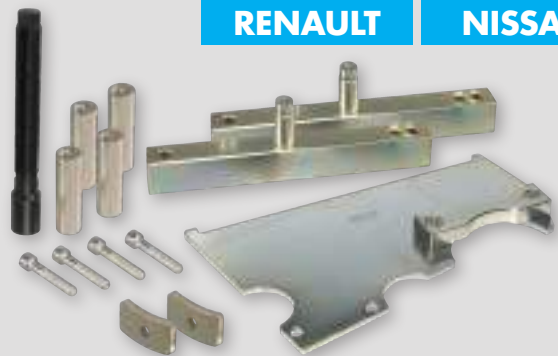
CODE **420**
1 with 2 pcs. 2,8 kg



UPGRADE OPTION RENAULT AND NISSAN UPGRADE SET

RENAULT

NISSAN



- The special feet fit exactly in the mold of the cylinder head, guaranteeing a linear extraction with high pull-off forces on the injector.

Application

Brand	Engine	Engine codes	Injector type
Renault	2.0 dCi	M9R	Bosch Piezo
Nissan	2.2 dCi	G9T	Bosch CR
Nissan	2.5 dCi	G9U	Bosch CR

Note

The injector dismantling set GO405 must be available as a basis.



CODE **518**
1 with 15 pcs. 6 kg



INJECTOR EXTRACTOR KIT - BMW

BMW



- Required for the extraction of specifically well-seated injectors in BMW CR engines.
- The cylinder head support ensures high pulling strengths.
- The feed rod M18/M17 of the extraction system is directly fastened with the inner thread for the nozzle pin screw connection. First remove the nozzle head.



Note

- For the dismantling of the nozzle head and nozzle pin screw connections, the following tools are supplied:
GO429/ GO411



CODE

417

1 with 7 pcs.

kg 5,7 kg

Application

M47TU / M57 / M57TU





INJECTOR EXTRACTOR TOOL - RENAULT/NISSAN

RENAULT

NISSAN



- This tool is required for pulling out tightly fitted injectors from Renault/Nissan 1.9dCi engines.
- The slightly angular support guarantees a linear tension on the slanted injector mounting. The cylindrical end of the support feet fit exactly in the mold of the cylinder head.
- The tension spindle M18/M17 of the traction system is directly fastened to the inner thread for the nozzle needle screw connection.
- The nozzle head must be removed beforehand.



Note

For the dismounting of the nozzle head and the nozzle needle screw connections the following tools are optionally supplied:
GO429/GO411

Application

Engines: 1,9L dCi with motor code F9Q (built 1995 - 2015)
Renault: Megane, Scenic I/II/III, Laguna, Trafic, Master
Opel: Vivaro, Movano
Nissan: Primastar, Interstar
Suzuki: Vitara

GO	CODE	419
	1 with 1 pcs.	kg 3,4 kg



MULTI-STAGE INJECTOR PULLING KIT FOR M9R 2.0 DCI ENGINES - RENAULT/NISSAN, OPEL

RENAULT

NISSAN

OPEL



- Kit for the removal of injectors mounted on M9R engines; RENAULT, NISSAN and OPEL which present various signs of breakage in different parts of the injector body, depending on the type of anomaly found.
- Injectors can be extracted mechanically with the bearing or with an optional mechatronic cylinder.
- The extraction body frame and columns are created to conform to the shape and dimensions of the engine, and to fit perfectly to the fastening screws of the engine cover.
- Significant time saving in terms of complete procedure, avoiding the removal of the cylinder head or even worse, the engine removal.



Application

Injectors: Bosch Piezo, Bosch CR

Multiple extraction options the injector, depending on the breakage point:

- 1** Extraction of the injector complete (with electronic plastic connection), through "surrounding fork & plate" tool that allows to fix firmly on the upper part of the injector body
- 2** Extraction of the injector without electronic plastic connection, with connectors and fastenings to the injector body and upper thread.
- 3** Extraction of the broken injector (or unscrewed) on the injector valve and nozzle retaining nut, extracted via a threaded connector screw.
- 4** Release and extraction of the blocked or seized injector nozzle and its components, with magnetic rod and expanding tool.
- 5** Extraction of the valve nozzle retaining nut (in case of stripped upper thread) creating a new thread and consequently new connection on the cone of the nozzle housing: this operation is totally secure for the cylinder head, by former application of a sealing cap in the nozzle spraying seat, preventing that iron chips may fall down into the cylinder head.



GO CODE **426**

1 with 27 pcs. **kg** 10,4 kg

§ PATENTED

G **+** **UPGRADE OPTION** **+**

12T MECHADRAULIC CYLINDER ADAPTOR KIT

ALUMINUM **12 TON**




Technical data

- Force: 12tons
- Stroke: 8 mm
- Dimensions: Ø80x260x45 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm
- Driving torque: 56Nm
- Weight: 1,65 Kg
- Grease temperature range of use: from -25°C to 80°C
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1015**

1 with 8 pcs. **kg** 1,8 kg

§ PATENTED

G **+** **UPGRADE OPTION** **+**

20T HYDRAULIC CYLINDER

20 TON **STEEL**




Technical data

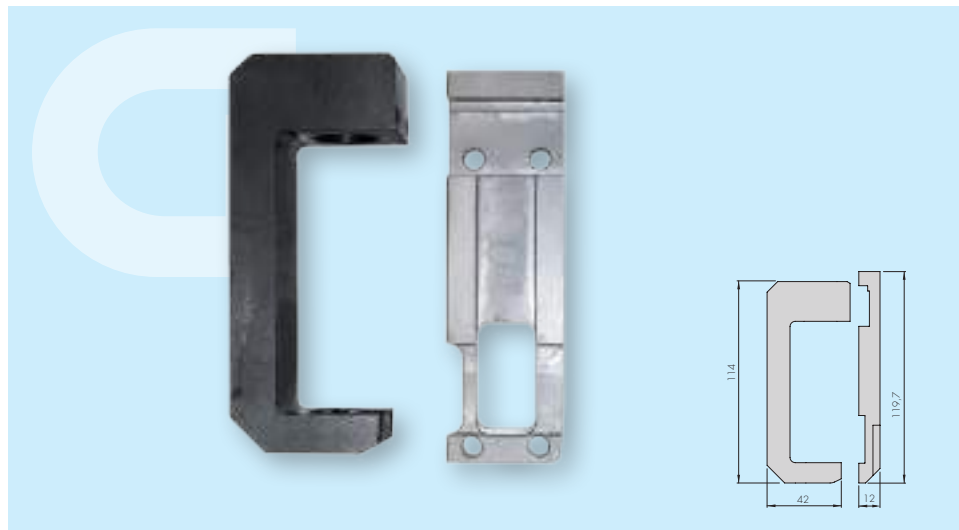
- Force: 20tons
- Stroke: 8 mm
- Dimensions: Ø100x60 mm
- Pressure: max. 700 Bar
- Hole: Ø33 mm
- Connection: 3/8" -18 NPT
- Material: steel
- Adapter: Ø20 mm

GO CODE **1020**

1 with 2 pcs. **kg** 3 kg



M9R INJECTOR EXTRACTOR CLAMP



RENAULT

BOSCH PIEZO

NISSAN



Application

Double fixing
Renault/Nissan, Opel 2.0 dCi



CODE

469

1 with 6 pcs.

kg 0,8 kg

§ PATENT PENDING

Components

- 1 x M9R injector extractor
- 1 x M9R injector extractor plate
- 2 x washer 5x10
- 2 x screw M5x16



INJECTOR REMOVAL PULLER SET



MERCEDES

BOSCH



CODE

435

1 with 3 pcs.

kg 1,2 kg

Application

Mercedes: Sprinter, Vito, Viano, Vario
Engine: CDI

Note

- Complete with a socket for dismounting electrical connection



INJECTOR EXTRACTOR KIT - MERCEDES

MERCEDES

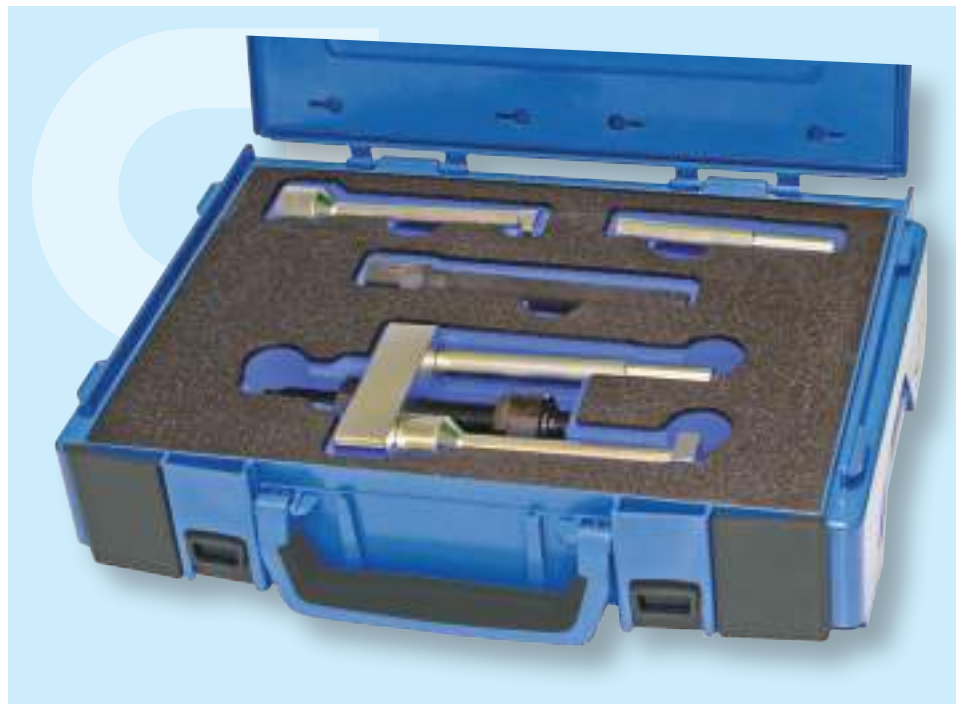
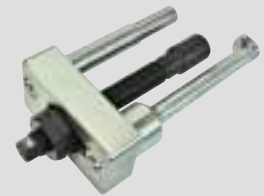
Assembly 1

Extractor for engines 4 - 5 cylinders



Assembly 2

Extractor for engines 6 cylinders



- This kit allows the removal of the tightly fixed injectors nozzles and the removal of all the injectors mounted on MB 2.1 L, 2.2 L, 3.0 V6 without dismounting the cylinder head.

Operating the extractor on engines with 4 and 5 cylinders



Operating the extractor on engines with 6 cylinders



Application

Injectors: Bosch, Delphi
Engines: 2.1 l, 2.2 l, 3.0 V6

Chrysler: 300 C
Mercedes: Vito, Vario, CLK, Sprinter,
Viano, Classe M, GL, C, GLK, E,
CLS, S, R, G



CODE **425**

1 with 7 pcs.

kg 3 kg



INJECTOR EXTRACTOR KIT - MERCEDES

12 TON

MERCEDES



- This kit allows the removal of the tightly fixed injectors nozzles mounted on MERCEDES 2.1 L, 2.2 L, 3.0 V6 and 3.0 V6 and CHRYSLER 3.0 V6.
- Significant time saving in terms of complete procedure, avoiding the removal of the cylinder head the engine or even worse, removal.
- Professional and convenient job, thanks to the 12 ton go-through cylinder of the "Invisible" series by Govoni.



Applications

Injectors: Delphi, Bosch
Chrysler: 300 C
Mercedes: Vito, CLK, Sprinter, Viano, Vario,
Classe M, GL, C, GLK, E, CLS, S, R, G
Engines: CDI 2.1 L, 2.2 L, 3.0 V6

ENGINE AND CLUTCH

INJECTORS AND GLOWPLUGS

Assembly 1

Extractor operation for 4- and 5-cylinder engine

BOSCH CR



Assembly 2

Extractor operation for 6-cylinder engine

DELPHI PIEZO



INCLUDED:

Mechadraulic cylinder 12 tons

GO	CODE	402
T	with 10 pcs.	kg 4,8 kg
§	PATENTED	

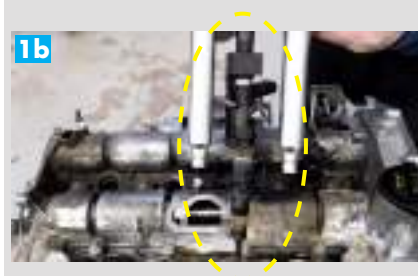


INJECTOR SET FOR FORD 2.0 ECOBLUE TDCI



FORD

Example of use



- Set of special tools to remove the injector of FORD 2.0 ECOBLUE TDCI (from 2016).
- Solution projected to remove highly blocked injectors in a professional, safety and fast way.
- In the case that the injectors breaks during extraction, it is possible to use the tools present in the set to extract the single parts.

Injector extraction:

Option 1. Complete extraction of injector with a special fork

Advantage: It is not necessary to smounting the injector; it can be reused

Option 2. Partial extraction of injector with special tools included in the set

Applications

Ford 2.0 ecoblue TDCI from 2016 (Ford Galaxy, S-max, Mondeo, Focus C-Max, Transit and Custom (from 2018), etc

Engine codes

YLF6 77 kW - YLF6 77 kW - YMFS 96 kW - YMF6 96 kW - YNFS 125 kW - YNF6 125 kW - YLR6 77 kW - YMR6 96 kW - YNR6 125 kW

GO CODE **434**
with 17 pcs. 6,5 kg



UPGRADE OPTION
12T MECHADRAULIC CYLINDER ADAPTOR KIT

12 TON ALUMINUM



GO CODE **1015**
with 8 pcs. 1,8 kg
§ PATENTED



INJECTOR SET FOR FCA 1,3 MJ, WITH 12TON MECADRAULIC CYLINDER



- This kit allows the removal of the tightly fixed injectors nozzles, without dismounting the cylinder head. It is equipped with a "bridge system" and sliding bearing on it that grant a quick and easy injector's removal.
- The special screw has a double connection to fix inside and outside the injector.
- Thanks to the use of aluminium, the cylinder combines the strength of steel with the light weight of this element.
- There are 4 bores on the body for fastening the cylinder.

FCA	12 TON
1.3 MJ	BOSCH

Screw extraction



Extraction with 12TON mecadraulic cylinder



Technical data (Hydraulic cylinder)

- Force: 12tons
- Stroke: 8 mm
- Dimensions: Ø80x260x45 mm
- Pressure: max. 700 Bar
- Driving torque: 56Nm
- Hole: Ø 7 mm
- Adaptors: M10/M12/M14/M16/M18
- Weight: 1,65 Kg
- Grease temperature range of use: from -25°C to 80°C
- Material: aluminum


Applications

Brand	Engine	Injector
Alfa Romeo	1.3 Mj, 1.3 TDCi, 1.3 CDTi, 1.3 DDiS	Bosch CR (Common Rail)
Lancia		
Suzuki		
Ford		
Fiat		
Opel		




INCLUDED:

Hydraulic
cylinder 12 TON


CODE

514

1 with 23 pcs.
 9,5 kg

§ PATENTED



12T MECHADRAULIC CYLINDER-SET



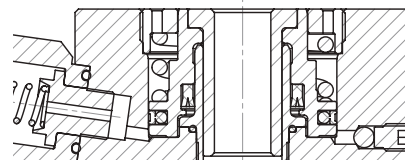
12 TON

ALUMINUM



The set includes 5 spare safety pins. The safety pins avoid damaging the tool in case the maximum torque has been reached, pin will break. In this way the tool cannot be damaged.

- Thanks to the use of aluminium, the cylinder combines the strength of steel with the light weight of this element.
- Non-slip grip on the handle.
- There are 4 bores on the body for fastening the cylinder.
- Application: injectors removal; introduction of wheel hubs; general use in the loosening of very tight mechanical components.



GO CODE **1015**
with 8 pcs. 1,8 kg
§ PATENTED

Technical data

- Force: 12tons
- Stroke: 8 mm
- Dimensions: Ø80x260x45 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm

- Driving torque: 56Nm
- Weight: 1,65 Kg
- Grease temperature range of use: from -25°C to 80°C
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18



UPGRADE OPTION 12T MECADRAULIC CYLINDER

STEEL

12 TON



Technical data

- Hole: Ø 21.5 mm
- Stroke: 8 mm
- Dimensions: Ø80x55 mm
- Driving torque: 56Nm
- Material: aluminium
- Working independent without pump!



GO CODE **1010**

1 with 1 pcs. 2,5 kg



UPGRADE OPTION 12T HYDRAULIC CYLINDER

STEEL

12 TON



Technical data

- Force: 12tons
- Stroke: 8 mm.
- Dimensions: Ø80x55 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm
- Connection: 3/8" -18 NPT
- Material: steel



GO CODE **1012**

1 with 1 pcs. 2 kg



UPGRADE OPTION 20T HYDRAULIC CYLINDER

STEEL

20 TON



Technical data

- Force: 20tons
- Stroke: 8 mm
- Dimensions: Ø100x60 mm
- Pressure: max. 700 Bar
- Hole: Ø33 mm
- Connection: 3/8" -18 NPT
- Material: steel
- Adapter: Ø20 mm



GO CODE **1020**

1 with 2 pcs. 3 kg



HYDRAULIC ALUMINIUM PUMP - HAND OPERATED

ALUMINUM



Technical data

- Pressure: 400-700 Bar
- Hose length: 1,8 mt.
- Connection: M 3/8"
- Speed/stroke: single
- Oil tank capacity: 700 cm³
- Aluminium body
- Ergonomic handle



Components

- 1 x Tube: L=1,80 m
- 1 x Pipe connection: 3/8" NPT male
- 1 x Fast nipple: nipple male 3/8"

GO CODE **1030**

1 with 1 pcs. 4,7 kg



"VIBROFIGHTER" UNIVERSAL VIBRATION TOOL

UNIVERSAL



- Excellent support tool set for tools used to remove commercial injectors.
- Your goal is to fully remove the injector from its housing without damaging the cylinder head and without breaking the injector, which would leave residues inside the head. Removes highly-seized injectors, due to coking and rust.
- When this tool is used, it acts directly on the removal tie rod, which is dynamically coupled with the injector, through vibrations and pulses.

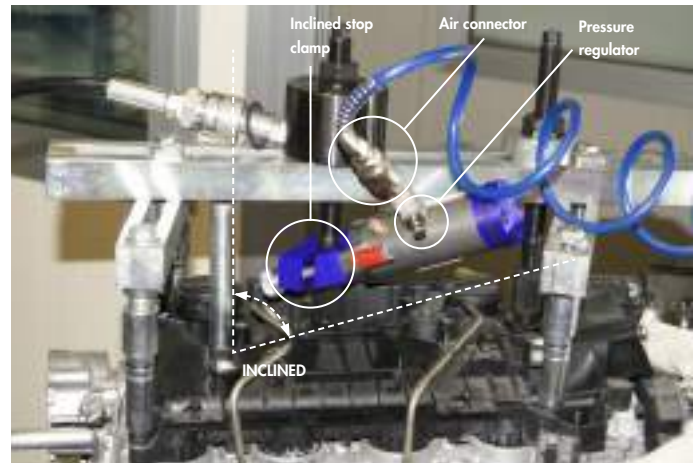
ENGINE AND CLUTCH

INJECTORS AND GLOWPLUGS



Components

- 1 x basic device with clamps support and setscrews
- 1 x set of line stop clamps, 2 pieces
- 1 x set of stop clamps at an angle, 2 pieces
- 1 x set of screws L = 115 mm, 2 pieces
- 1 x pneumatic valve with control valve



GO	CODE	490
1	with 6 pcs.	kg 3 kg
§ PATENT PENDING		

G	+	UPGRADE OPTION	+
INJECTOR EXTRACTOR KIT - MASTER			

BOSCH

DELPHI

DENSO



- Specific for disassembling very stuck injectors.
- 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.

GO	CODE	405
1	with 43 pcs.	kg 21,3 kg
§ PATENTED		

G	+	UPGRADE OPTION	+
KIT FOR M9R 2.0 DCI			

RENAULT

NISSAN

OPEL



- Kit for removal of injectors mounted on engines M9R RENAULT, NISSAN and OPEL: the set allows to pull this injector with several issues of breakage in different parts of the injector body, depending on the failure noticed.

GO	CODE	426
1	with xx pcs.	kg 10,4 kg
§ PATENTED		



INJECTOR UNLOCKING AND CLEANING SET, WITH VIBROFIGHTER

UNIVERSAL



- Integration set to use during and after the injector extraction.
- With this set is possible to make 2 different operations:
 1. Vibrofighter: the tool is necessary to facilitate the extraction of the injector by constant vibrations. This allows easier and faster penetration of the unlocking chemicals products.
 2. Tools to cleaning the seat of the injector. The set included more professional and easier tools.

Pipe cleaners for cleaning the headquarters of injector sprayer



Special cleaning brushes for injector seat



Clening brush for seal seat



Final finishing with cotton pad



Vibrofighter: vibrations tool



GO	CODE	433
1	with 32 pcs.	kg 4,8 kg
§	PATENTED	



DIESEL INJECTOR SEAT CLEANER-SET

UNIVERSAL

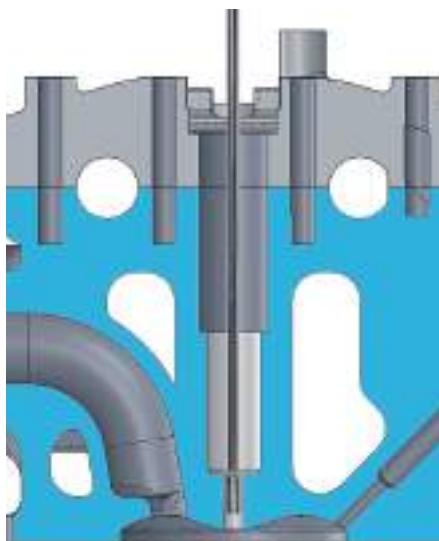

- Kit to be used for removing the combustion residues that remain in the injectors seat without any damages.
- For cleaning and maintaining the injector shaft.
- Flawless removal of carbon deposits to create a spotless surface on the sealing ring in the cylinder head.

- Basic unit can be adapted to injector shaft; spring-assisted adjustment of contact pressure.
- Special carbide cleaning cutter.
- Precise centring.

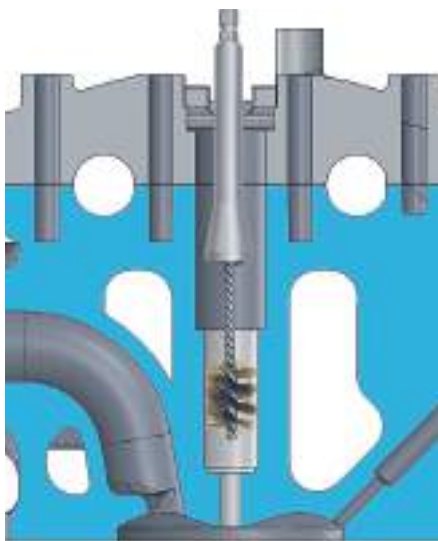


GO	CODE	401
	1 with 31 pcs.	kg 5,4 kg

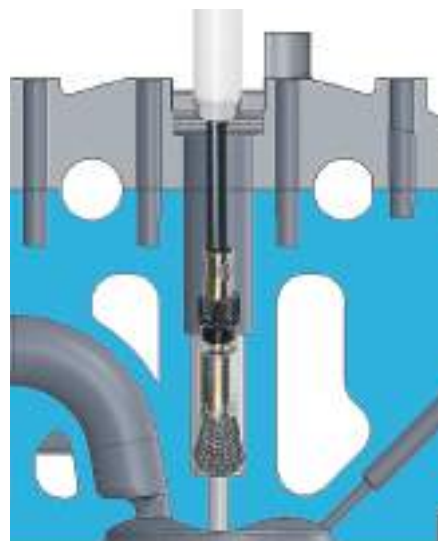
1 Fastener sleeves for injector boring



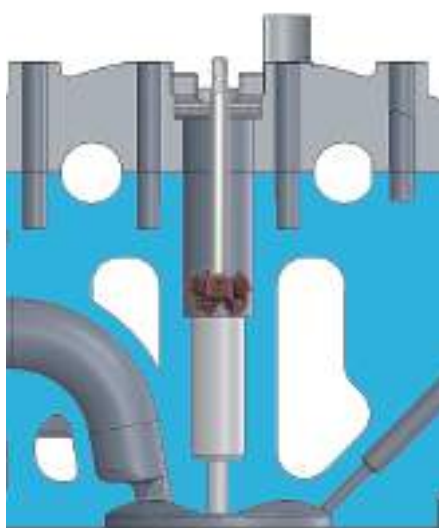
2 Special cleaning brushes for injector seat



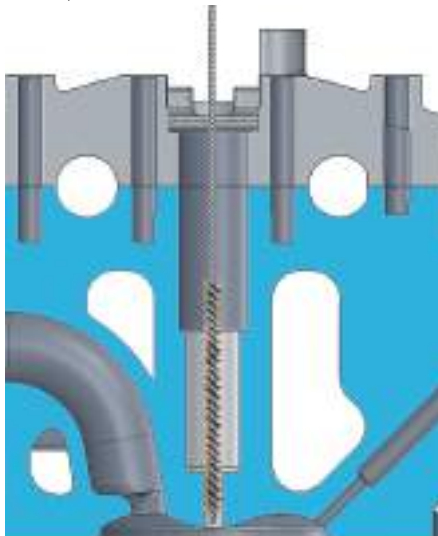
3 Clening brush for seal seat



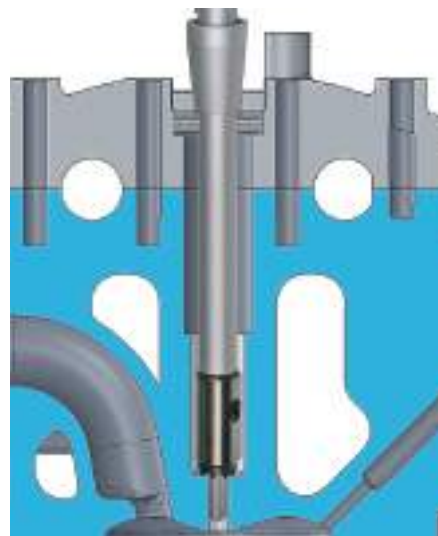
4 Finishing tool with cleaning brush



5 Cleaning brush after injector boring operations



6 Milling cutters



- Use this tool to hook and remove the washer without damaging the seat and remarkably reducing the operation times.

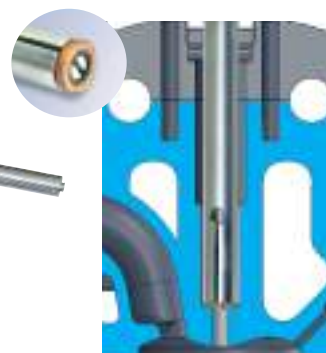


INCLUDED:
copper sealing
ring extractor



Technical data

- Damages on the sealing seat are avoided;
- High time saving & high cost saving;
- Universally applicable due to the special front clip
- Hammer of 1500 g
- Connection M10





DIESEL INJECTOR SHAFT CLEANER SET



- An assortment of tools to clean the injector holder in the cylinder head.
- It cleans all contact surfaces such as the nozzle hole, sealing seat and injector chamber.
- It ensures perfect assembly and operation of the gasket in the cylinder head
- The set includes brushes for cleaning in different diameters and tools for operation.
- The closure sleeves prevent dirt particles penetrating into the combustion chamber.
- With the help of cleaner titillators, it is also possible to safely remove the remaining residues.



1 Fastener sleeves for injector boring



2 Special cleaning brushes for injector seat



3 Clening brush for seal seat



4 Finishing tool with cleaning brush



5 Cleaning brush after injector boring operations



CODE

413**1**

with 25 pcs.

kg

1,2 kg



LOCKING SLEEVES FOR INJECTOR BORE



CODE

445



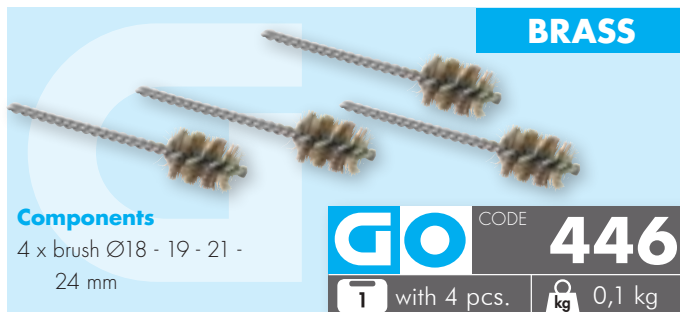
with 6 pcs.



0,1 kg



BRUSH SET, BRASS



BRASS

Components

4 x brush Ø18 - 19 - 21 - 24 mm



CODE

446



with 4 pcs.



0,1 kg



BRUSH SET, BRASS



BRASS

Components

3 x brush 300x100x7



CODE

447



with 3 pcs.



0,1 kg



POLISHING FLEECE BRUSH SET



CODE

448



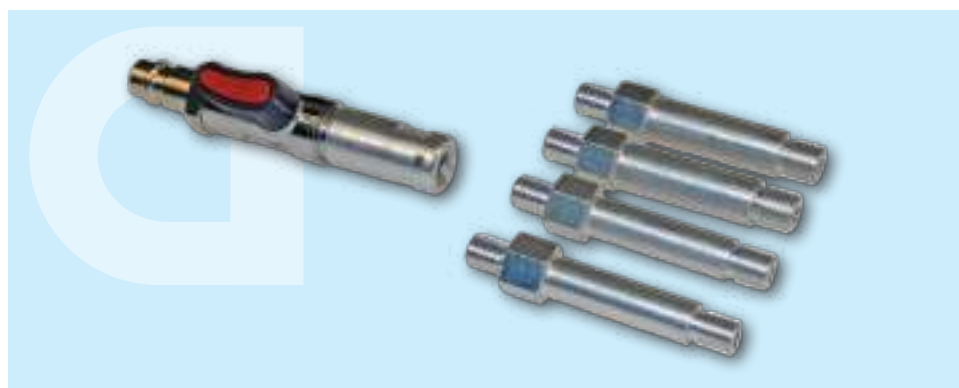
with 3 pcs.



0,1 kg



PNEUMATIC ADAPTOR FOR SWARF REMOVAL DUMMY GLOW PLUG



M8

M9

M10



- Blowing tool necessary to clean the injector's seat.
- Comes with valve to cut-off air flow through a lever.
- German-type air quick coupling.



CODE

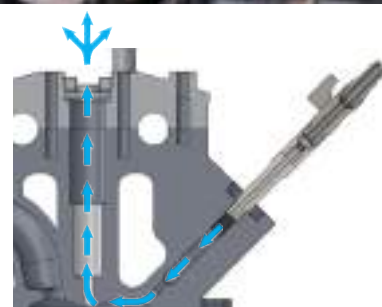
510



with 5 pcs.



0,3 kg





DIESEL INJECTOR SEAT MILLING SET



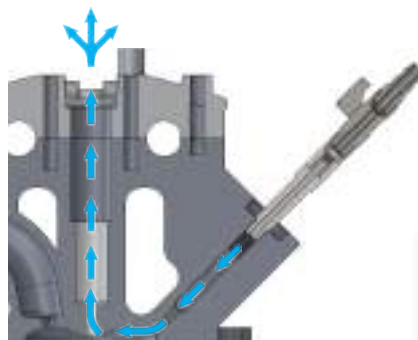
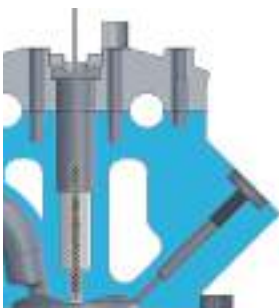
- To clean highly burnt or encrusted seal seats in the injector well and in the injector.
- It also removes the most resistant impurities and at the same time smoothes the sealing surface.
- It ensures a high level of sealing between the injector well and the combustion chamber.
- The milling heads have a fine toothing to provide a smoother finish.
- It guides through the guide pin and driving cone.
- Supplied with cleaning brushes for the nozzle hole.



Cleaning brush after injector boring operations

Milling cutters

Cleaning injector seat



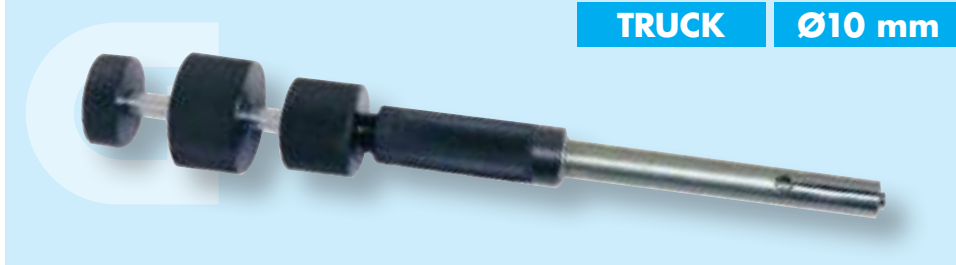
GO	CODE	412
	1 with 12 pcs.	kg 1,6 kg



DIESEL INJECTOR SEAL EXTRACTOR

TRUCK

Ø10 mm



Technical data

- For washers with holes Ø 10 mm.
- Operation with a striking hammer of 0.5 Kg.

- Tool for the removal of the copper washer (placed on the bottom of the injector seat) post removal of diesel injectors.
- For easily and safely removal of copper washers glued on the bottom of the injector seat.



CODE

511

1 with 1 pcs.

kg 0,8 kg

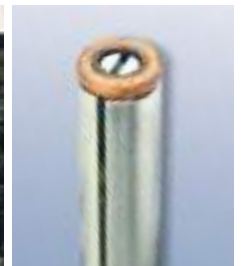


DIESEL INJECTOR SEAL EXTRACTOR

COMMERCIAL VEHICLE

CARS

Ø7 mm



Technical data

- For washers with holes Ø 7 mm.
- Operation with a striking hammer of 0.5 Kg.

- With this extractor is possible to remove copper sealing without damaging the cylinder head
- Equipped with a performing slide hammer.



CODE

512

1 with 1 pcs.

kg 1,7 kg



DIESEL INJECTOR SEAL EXTRACTOR

COMMERCIAL VEHICLE

CARS

Ø7 mm



Technical data

- Operation with a striking hammer of 1.5 Kg.



CODE

513

1 with 2 pcs.

kg 2,7 kg

- It includes a slide hammer for removal of diesel injector washers.
- For easily and safely removal of copper washers glued on the bottom of the injector seat.



CLEANING INJECTOR SEAT SET

UNIVERSAL

- Kit to be used for removing the combustion residues that remain in the injectors seat without any damages.
- For cleaning and maintaining the injector shaft.



CODE

415

with 26 pcs.



4 kg

1 Pipe cleaners for cleaning the headquarters of injector sprayer



2 Sealing plugs for the injector housing



3 Clening brush for seal seat



4 Special cleaning brushes for injector seat



5 Cutters for cleaning the sealing seat



6 Final finishing with cotton pad



Components

- 4 x Sealing plugs
- 2 x Brass brushes for cleaning the injector nozzle housing
- 1 x Cotton pad set (10pcs)
- 2 x Brush for cleaning the sealing seat
- 4 x Nylon brushes for cleaning the injector seat - Ø18-19-21-24mm
- 4 x Brass brushes for cleaning the injector seat - Ø18-19-21-24mm
- 1 x Flexible extension
- 4 x milling cutters for sealing seat
- 1 x Brush with brass fibers



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...



UNIVERSAL GLOW PLUG TIP EXTRACTION SET M8X1-M9X1-M10X1-M10X1,25



M8	M9
M10	

Example 1

Extraction with slide hammer



- Set of tools for the extraction of the electrode terminal part of the glow plugs (M8, M9, M10) in the event of breakage or sticking inside the seat port, which is otherwise impossible to remove. The set includes all the tools needed to safely remove the terminal part of the glow plug electrode without damaging the cylinder head.
- **1** Extraction with slide hammer: this operation becomes very simple, safe and fast.



Step 1 - Drilling



Step 2 - Threading



Step 3 - Extraction



Step 4 - Pulling out with slide hammer



Use the kit to remove the glow plug when the breaking point is in **POINT A**

CODE

450

T with 14 pcs.

kg 1,7 kg

§ PATENTED



UNIVERSAL GLOW PLUG TIP EXTRACTION SET - MASTER M8X1-M9X1-M10X1-M10X1,25. DOUBLE PULLING SYSTEM



M8x1

M9x1

M10x1

M10x1,25

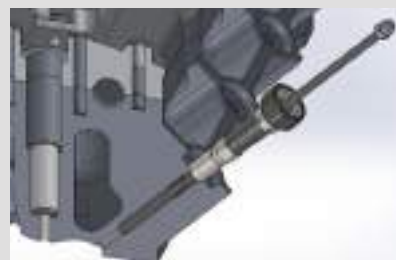
Example 1

Pulling out with slide hammer



Example 2

Pulling out with bearing threaded extactor



- Set of tools for the extraction of the electrode terminal part of the glow plugs (M8, M9, M10) in the event of breakage or sticking inside the seat port, which is otherwise impossible to remove. The set includes all the tools needed to safely remove the terminal part of the glow plug electrode without damaging the cylinder head. This operation becomes very simple, safe and fast.
- It allows to operate in two different ways:
 - 1 Extraction with slide hammer
 - 2 Extraction with threaded extactor



GO CODE **451**
 with 20 pcs. **kg** 2,5 kg
 § **PATENTED**



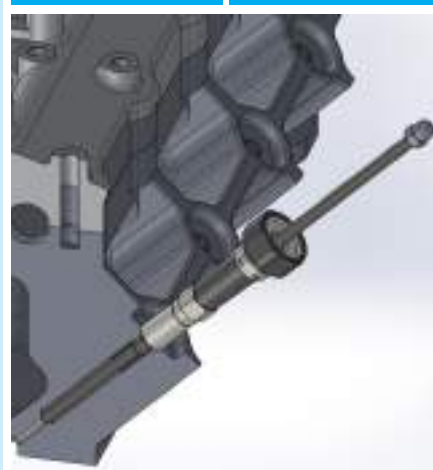
Use the kit to remove the glow plug when the breaking point is in **POINT A**



UNIVERSAL GLOW PLUG TIP EXTRACTION SET, DEEP DESIGN, M8X1-M9X1-M10X1-M10X1,25



M8x1	M9x1
M10x1	M10x1,25



NEW DESIGN



Drilling tips implemented and reinforced for new ceramic glow plugs

Application

Citroën/Peugeot: 1.4, 1.6L HDI

Ford: 1.4, 1.6L TDCI

Mazda: 1.4 CD

Suzuki: 1.4L DDIS

Toyota: 1.4 HDI

Volvo: 1.6D, etc.

- When extracting glow plugs, the glow plug tip (glow tube) often breaks and remains stuck in the cylinder head. The broken glow plug tips can be easily extracted with the help of this article.
- The set of tools contains all of the tools needed to tap resilient threading into the end of the glow plug. Afterwards the glow plug tip will be extracted with the help of the extraction rod and a striking hammer.
- The drill will be guided precisely using the glow plug threading in the cylinder head. This will avoid any damage to the cylinder head.
- This set can be used with any current diesel motors using threading sizes: M8x1, M9x1, M10x1 and M10x1,25.



Use the kit to remove the glow plug when the breaking point is in **ZONE A**

working zone

Components

- 1 x core hole drill extension with a diameter of 2.5 for M8x1 and M9x1
- 1 x core hole drill extension with a diameter of 3.2 for M8x1 (special application)
- 1 x core hole drill extension with a diameter of 3.2 for M10x1 and M10x1,25
- 1 x M3 core hole drill extension for M8x1 & M9x1
- 1 x M4 thread tap extension for M8x1 (special application)
- 1 x M4 thread tap extension for M10x1 and M10x1,25

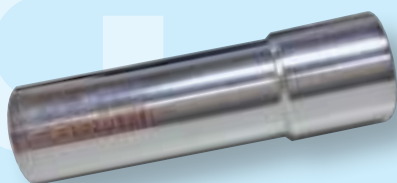
- 1 x M3 extra long extraction rod with cap nut for M8x1 and M9x1
- 1 x M4 extra long extraction rod with cap nut for M8x1 (special application)
- 1 x M4 extra long extraction rod with cap nut for M10x1 and M10x1,25
- 1 x striking hammer, weight 400g
- 1 x tap guide for M8x1 glow plug threads
- 1 x tap guide for M9x1 glow plug threads
- 1 x tap guide for M10x1 glow plug threads
- 1 x tap guide for M10x1,25 glow plug threads

GO	CODE	452
	with 18 pcs.	
§	PATENTED	2 kg



GLOW PLUG EXTRACTOR

6 SIZES



Example of application

Fast and easy extraction



- Thanks to the extracting bushes the extractors fit perfectly to the glow plug seats granted a perfect removal.

GO CODE **501**
1 with 1 pcs. 0,1 kg

Ø 2 mm

Components

1 x Ø 2 mm socket for glow plug removal

GO CODE **504**
1 with 1 pcs. 0,1 kg

Ø 4 mm

Components

1 x Ø 4 mm socket for glow plug removal

GO CODE **502**
1 with 1 pcs. 0,1 kg

Ø 2,5 mm

Components

1 x Ø 2.5 mm socket for glow plug removal

GO CODE **505**
1 with 1 pcs. 0,1 kg

Ø 5 mm

Components

1 x Ø 5 mm socket for glow plug removal

GO CODE **503**
1 with 1 pcs. 0,1 kg

Ø 3,5 mm

Components

1 x Ø 3.5 mm socket for glow plug removal

GO CODE **506**
1 with 1 pcs. 0,1 kg

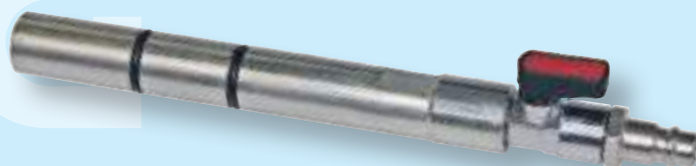
Ø 7 mm

Components

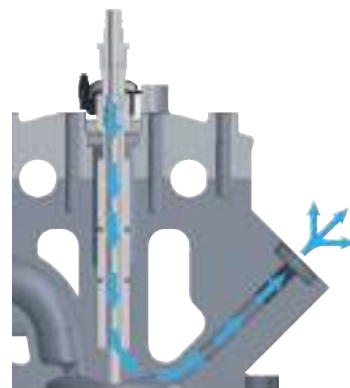
1 x Ø 7 mm socket for glow plug removal



BOSCH DUMMY INJECTOR



BOSCH



- For injecting compressed air during cleaning and repair work on the glow plug shaft or for keeping valves in an upward position when working on the valve stem seals.

GO CODE **509**
1 with 1 pcs. 0,4 kg



UNIVERSAL GLOW PLUG REMOVAL SET - MASTER M8X1-M9X1-M10X1-M10X1,25

M8

M9

M10



- The pre-heating glow plug used in diesel engines can often get stuck inside the engine head due to residues caused by the combustion process. In these cases, the glow plug will break when you try to remove it; consequently, you will have to disassemble the head in order to remove it. This job need in long intervention time and high costs
- Govoni specializes in the extraction of broken or stuck glow plugs and allows you to carry out rapid and efficient extraction steps by using its highly professional equipment
- The equipment allows you to: reduce intervention time and costs, extract and restore the thread in order to mount the new glow plug to a professional standard.
- The complete tool kit consists of 4 modules: **n.3 modules** are specific for one special glow plug size, and **n.1 module** is a basic tool kit and is essential for using the 3 specific modules for each glow plug size.

Application

M8x1	Mercedes, Smart, VW, Fiat, Opel, Ford etc.
M9x1	Opel, Fiat, Alfa, Lancia (e.g. 1.3-2.3-3.0 JTD) etc.
M10x1	VW, Audi, Mercedes, BMW, Opel, PSA, Renault, Ford, Suzuki etc.
M10x1,25	VW, Audi, Toyota, Suzuki, Opel, Isuzu, Mercedes etc.

GO	CODE	470
	with 30 pcs.	
	kg	5,3 kg



BASIC SET, FOR COMMON WORK



Use of the components

Controlled breakage and drilling out of the middle electrode (3 x sockets Ø2,5; Ø3,5; Ø4 / 2 x milling cutters Ø2,7; Ø3,6)

1 x pull rod with slide hammer (1,5 Kg) for knocking out the glow plug

1 x bar magnet for picking up fragments, chips, small parts



CODE

471



with 7 pcs.



5,2 kg



MODULE M8 - GLOW PLUG REMOVAL

M8



Components

1 x special long milling cutter (Ø4,5) and steel milling cutter (Ø7-4,5 mm) with 4 TiN-coated and self-centering cutting edges

1 x thread insert 12-28 UNF

1 x threaded male to create the thread to remove the glow plug 12-28 UNF

1 x threaded male to restore the M8x1 glow plugs thread



≥ 20 mm



CODE

472



with 5 pcs.



0,5 kg



MODULE M9 - GLOW PLUG REMOVAL

M9



Components

1 x special long milling cutter (Ø4,5) and 1 x steel milling cutter (Ø8-4,5 mm) with 4 TiN-coated and self-centering cutting edges

1 x thread insert 12-28 UNF

1 x threaded male to create the thread to remove the glow plug 12-28 UNF

1 x threaded male to restore the M9x1 glow plugs thread



≥ 20 mm



CODE

473



with 5 pcs.

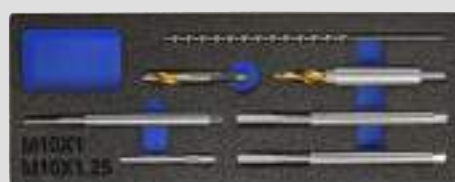


0,5 kg



MODULE M10 - GLOW PLUG REMOVAL

M10



Components

1 x special long milling cutter (Ø5,5) and 2 x steel milling cutters (Ø8,9-5,5 mm) with 4 TiN-coated and self-centering cutting edges

1 x thread insert 12-28 UNF

1 x threaded male to create the thread to remove the glow plug 12-28 UNF

2 x threaded male to restore the glow plugs thread (M10x1; M10x1,25)

Dimension A ≥ 14 mm + ≥ 20 mm



CODE

474



with 7 pcs.



0,6 kg



FORD/PSA/VOLVO - GLOW PLUG REMOVAL AND REAMER SET - MASTER M8x1 AND M10x1

M8

M10

PSA

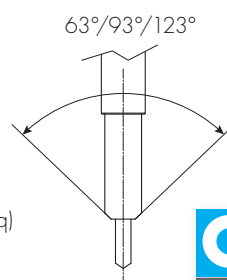
FORD



- Suitable for M8x1 and M10x1 glow plugs installed on FORD, PSA Group and Volvo diesel engines.
- The tool set consists of 3 modules:
 - **Module 1** (23 pcs.): this module is used to remove the glow plug when it is damaged near the hexagon and cannot be unscrewed in order to remove it.
 - **Module 2** (14 pcs.): this module is used to remove the glow plug TIP when it is stuck at the bottom of the glow plug seat. Our tools prevent any type of damage to the glow plug seat inside the head.
 - **Module 3** (8 pcs.): this module is used to clean the glow plug seat inside the head. It is necessary to restore the glow plug seat before installing the new glow plug.
- As an alternative to the complete set, all set components can also be selected in the form of 3 modules.
- All set components, including wearing parts, are deliverable separately.

Application

Glow plug thread	Glow plug seat angle	Ø seat glow plug	Engine code
M8x1	123°	Ø4,5 mm	DV4/DV6
M8x1	123°	Ø4,5 mm	DW10/DV5/DV6
M8x1	123°	Ø4,5 mm	DW12
M10x1	63°	Ø5,5 mm	DW10
M10x1	93°	Ø4,5 mm	1.8L Lynx/2.2L (Duratorq)
M10x1	93°	Ø4,5 mm	2.2L (Duratorq)
M10x1	93°	Ø4,5 mm	2.2L/2.4L (Duratorq)
M10x1	93°	Ø4,5 mm	2.4L/3.2L (Duratorq)



CODE **475**

1 with 31 pcs.

5,8 kg



MODULE GLOW PLUG REMOVAL



Components

- 3 x sockets and milling cutters (Ø2,5; Ø3,5; Ø4) for the breaking and subsequent controlled removal of the glow plug's central electrode
- 1 x sliding rod, extension and slide hammer (1,5 Kg) to remove the stuck glow plug
- 1 x extension fitted with magnet to collect fragments and residues in the glow plug's seat
- 2 x special long milling cutters (Ø4,5; Ø5,5) and 2 x steel milling cutters (Ø7-4,5 mm; Ø8,9-5,5 mm) with 4 TiN-coated and self-centering cutting edges
- 2 x tap drill to create the thread to remove the glow plug (1/4"-28UNF; 12-28 UNF)
- 2 x tap drill to restore the thread (M8x1; M10x1) on the head to install the new glow plug
- 2 x thread insert to remove the plug using the slide hammer (1/4"-28UNF; 12-28 UNF)



CODE

476



with 23 pcs.



5,2 kg



MODULE GLOW PLUG TIP EXTRACTION

M8

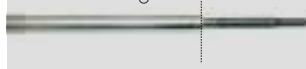
M10



Components

- 2 x centering guides (M8x1; M10x1)
- 3 x TiN-coated steel milling cutters for drilling the glow plug tip (Ø2,5; Ø3,2; Ø3,2 special)
- 3 x tap drill to create the thread to remove the glow plug tip (M3; M4; M4 special)
- 3 x threaded rods for the mechanical removal of the glow plug tip (M3; M4; M4 special)
- 1 x body+bearing+ring for the mechanical removal
- 2 x extraction nuts (M5; M6)

Breaking zone



CODE

477



with 14 pcs.



0,7 kg



MODULE GLOW PLUG REAMING

M8

M10



Components

- 3 x steel reamers with cutting edges set at an angle of 63, 93 and 123 degrees, depending on the glow plug's seat angle:
 - 1 x M8x1/123°/Ø4,5 mm
 - 1 x M10x1/63°/Ø5,5 mm
 - 1 x M10x1/93°/Ø4,5 mm
- 2 x centering guides (1 x M8x1; 1 x M10x1)
- 1 x allen key 2 mm



CODE

478



with 4 pcs.



0,6 kg



MERCEDES - GLOW PLUG REMOVAL AND REAMING SET - MASTER, M8x1 AND M10x1

M8

M10

MERCEDES



- Suitable for M8x1 and M10x1 glow plugs installed on modern Mercedes Benz diesel engines.
- The tool set consists of 3 modules:
 - **Module 1** (27 pcs.): removing glow plugs if the drive hex is broken. Glow plug thread in the cylinder head is retained
 - **Module 2** (11 pcs.): removing the tip of the glow plug if it has broken off. No damage to the glow plug mount in the cylinder head
 - **Module 3** (6 pcs.): cleaning the complete glow plug shaft in the cylinder head. Correct preparation before fitting the glow plug! Delivery includes cleaning.
- As an alternative to the complete set, all set components can also be selected in the form of 3 modules.
- All set components, including wearing parts, are deliverable separately.

Application

Glow plug thread	Glow plug seat angle	Ø seat glow plug	Engine code
M8x1	93°	Ø4,5 mm	OM 640/642
M10x1	63°	Ø5,5 mm	OM 611/612/613/646/647/648
M10x1	63°	Ø5,5 mm	OM 668

GO	CODE	480
	1 with 44 pcs.	kg 6,8 kg



MODULE GLOW PLUG REMOVAL



Components

- 2 x extractors (M8x1; M10x1) for stuck glow plugs (Ø2,5; Ø3,5; Ø4)
- 3 x special sockets and milling cutters for the breaking and subsequent controlled removal of the glow plug's central electrode
- 1 x sliding rod, extension and slide hammer (1,5 Kg) to remove the stuck glow plug
- 1 x centering, screw and nut, thread insert for the mechanical screw extraction of the stuck glow plug
- 2 x special long milling cutters (Ø4,5; Ø5,5) and 2 x steel milling cutters (Ø7-4,5 mm; Ø8,9-5,5 mm) with 4 TiN-coated and self-centering cutting edges
- 2 x tap drill to create the thread to remove the glow plug (1/4"-28UNF; 12-28 UNF)
- 2 x tap drill to restore the thread on the head to install the new glow plug
- 2 x thread insert to remove the plug using the slide hammer (1/4"-28UNF; 12-28 UNF)



GO CODE **481**
1 with 27 pcs. 5,8 kg



MODULE GLOW PLUG TIP REMOVAL

M8

M10



Components

- 2 x centering guides (M8x1; M10x1)
- 2 x TiN-coated steel milling cutters for drilling the glow plug tip (Ø2,5; Ø3,2)
- 2 x tap drill to create the thread to remove the glow plug tip (M3; M4)
- 2 x threaded rods for the mechanical removal of the glow plug tip (M3; M4)
- 1 x body+bearing+ring for the mechanical removal
- 2 x extraction nuts (M5; M6)



GO CODE **482**
1 with 11 pcs. 0,7 kg



MODULE GLOW PLUG REAMING AND CLEANING

M8

M10



Components

- 2 x steel reamers (1 x M8x1-93°-Ø4,5 mm; 1 x M10x1-63°-Ø5,5 mm)
- 2 x centering guides (1 x M8x1; 1 x M10x1)
- 2 x cavity seating brush with steel wire (Ø4,8; Ø5,8)
- 1 x allen key 2 mm



GO CODE **483**
1 with 4 pcs. 0,7 kg



OPEL/VAUXHALL - GLOW PLUG REMOVAL SET - MASTER, M8x1-M9x1-M10x1-M10x1,25

M8

M9

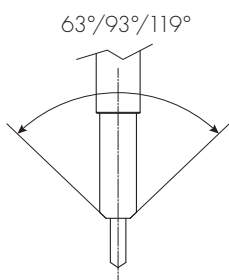
M10

OPEL

VAUXHALL



- Suitable for M8x1-M9x1-M10x1-M10x1,25 glow plugs installed on Opel engines.
- The tool set consists of 3 modules:
 - **Module 1** (23 pcs.): this module is used to remove the glow plug when it is broken.
 - **Module 2** (14 pcs.): the kit contains the tools to remove the tip from M8, M9 and M10 glow plugs. It also contains tools to remove glow plug tips from engines with special application: M8 glow plugs that feature the final part of the electrode which is the same as that of the M10 glow plugs.
 - **Module 3** (8 pcs.): cleaning the complete glow plug shaft in the cylinder head.
- As an alternative to the full set it is possible to choose all the components of the set in the form of 3 modules.
- All components of the set, including those subject to wear, are also available individually afterwards.



GO	CODE	485
	1 with 52 pcs.	kg 6,2 kg



GLOW PLUG REMOVAL, BASIC KIT



- OPEL set for removing broken glow plugs M8x1 - M9x1 - M10x1 - M10x1,25



CODE **486**

1 with 23 pcs.

5 kg

Application

A	B	Ø seat glow plug	Engine
M8x1	93°	Ø4,5 mm	1.3CDTi
M9x1	93°	Ø4,5 mm	1.6CDTi/2.0CDTi
M9x1	93°	Ø4,5 mm	1.9TTiD (Saab)
M10x1	63°	Ø5,5 mm	1.9 CDTi
M10x1	63°	Ø5,5 mm	2.2 DTi
M10x1,25	121°	Ø5,5 mm	1.7/3.0 CDTi



MODULE GLOW PLUG TIP REMOVAL

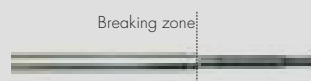


- Set of tools for the extraction of part of the electrode terminal part of the glow plugs in the event of breakage or seizure inside the seat, otherwise impossible to remove.

Components

- 4 x centering guides (M8x1; M9x1; M10x1; M10x1.25)
- 3 x TiN-coated steel milling cutters for drilling the glow plug tip (Ø2,5; Ø3,2; Ø3,2 special)
- 3 x tap drill to create the thread to remove the glow plug tip (M3; M4; M4 special)

- 3 x threaded rods for the mechanical removal of the glow plug tip (M3; M4; M4 special)
- 1 x body+bearing+ring for the mechanical removal
- 2 x extraction nuts (M5; M6)



CODE **487**

1 with 14 pcs.

0,7 kg



MODULE GLOW PLUG REAMING AND CLEANING



Components

- 4 x centering guides (M8x1; M9x1; M10x1; M10x1.25)
- 4 x steel reamers:
 - 1 x M8x1/93°/Ø4,5 mm
 - 1 x M9x1/63°/Ø5,5 mm
 - 1 x M10x1/63°/Ø5,5 mm
 - 1 x M10x1/121°/Ø5,5 mm
- 2 x cavity seating brush with steel wire (Ø4,8; Ø5,8)
- 1 x allen key 2 mm

Application

A	B	C
M8x1	93°	Ø4 mm
M9x1	93°	Ø4 mm
M10x1	63°	Ø5 mm
M10x1,25	121°	Ø5 mm



CODE **488**

1 with 4 pcs.

0,5 kg



RENAULT/NISSAN - GLOW PLUG REMOVAL AND REAMING SET - MASTER M10x1

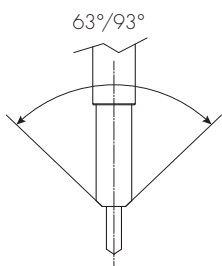
M10

RENAULT

NISSAN



- Renault/Nissan set for removing and reaming M10x1 glow plugs and tip.
- The tool set consists of 3 modules:
 - **Module 1** (23 pcs.): this module is used to remove the glow plug when it is broken.
 - **Module 2** (14 pcs.): the kit contains the tools to remove the tip from M10 glow plugs.
 - **Module 3** (8 pcs.): the kit contains the tools for the cleaning complete glow plug shaft in the cylinder head.
- As an alternative to the full set it is possible to choose all the components of the set in the form of 3 modules.
- All components of the set, including those subject to wear, are also available individually afterwards



GO	CODE	465
	T with 35 pcs.	kg 5,2 kg



GLOW PLUG REMOVAL, BASIC KIT



Application

Renault/Nissan

Engine: 1.5, 1.9, 2.2, 2.5 dCi

Technical data

Thread size M10x1



CODE **466**

1 with 24 pcs.

kg 4,6 kg

Application

A	B	Ø seat glow plug	Engine code	Engine
M10x1	63°	Ø5,5 mm	K9K	1.5L dCi
M10x1	93°	Ø4,5 mm	R9M	1.6L dCi
M10x1	63°	Ø5,5 mm	F8Q	1.9L dTi
M10x1	63°	Ø5,5 mm	F9Q	1.9L dCi
M10x1	93°	Ø4,5 mm	M9R	2.0L dCi
M10x1	63°	Ø5,5 mm	G9T	2.2L dCi
M10x1	93°	Ø4,5 mm	M9T	2.3L dCi
M10x1	63°	Ø5,5 mm	G9U	2.5L dCi
M10x1	93°	Ø4,5 mm	V9X / P9X	3.0 V6 dCi



MODULE GLOW PLUG TIP REMOVAL

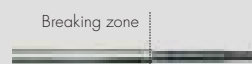


- Set of tools for the extraction of part of the electrode terminal part of the glow plugs in the event of breakage or seizure inside the seat, otherwise impossible to remove.

Components

- 1 x centering guide M10x1
- 1 x TiN-coated steel milling cutter Ø3,2 for drilling the glow plug tip
- 1 x tap drill M4 to create the thread to remove the glow plug tip
- 1 x threaded rod M4 for the

- mechanical removal of the glow plug tip
- 1 x body+bearing+ring for the mechanical removal
- 1 x extraction nut M6



CODE

467

1 with 5 pcs.

kg 0,4 kg



MODULE GLOW PLUG REAMING AND CLEANING



Components

- 1 x centering guide M10x1
- 2 x steel reamers:
 - 1 x M10x1/63°/Ø5,5 mm
 - 1 x M10x1/93°/Ø4,5 mm
- 1 x cavity seating brush with steel wire Ø5,8
- 1 x allen key 2 mm

Application

A	B	C
M10x1	63°	Ø5,5 mm
M10x1	93°	Ø4,5 mm



CODE

468

1 with 4 pcs.

kg 0,3 kg



BMW - GLOW PLUG REMOVAL AND REAMING SET - MASTER M8x1 AND M10x1

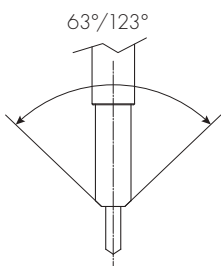
M10x1

M8x1

BMW



- Handy special tool set for all current BMW models. It allows disassembly of broken glow plugs along with complete cleaning of the glow plugs chamber.
- The full set includes the following 3 modules:
 - **Module 1** (23 pcs.): disassembling of the glow plug if the drive hex is broken. The thread of the glow plugs in the cylinder head remains.
 - **Module 2** (14 pcs.): disassembling of the glow plug tip if broken. No damage to the glow plug holder in the cylinder head.
 - **Module 3** (8 pcs.): complete cleaning of the glow plugs chamber in the cylinder head. Correct preparation before mounting the glow plug.
- As an alternative to the full set it is possible to choose all the components of the set in the form of 3 modules.
- All components of the set, including those subject to wear, are also available individually afterwards.



GO	CODE	495
	with 31 pcs.	kg 5,8 kg



MODULE GLOW PLUG REMOVAL



Application

Model: Bmw

Engine: 1.5, 1.6, 2.0, 2.5, 3.0, 4.0, 4.5 D



CODE **496**

1 with 23 pcs. kg 5,2 kg

Application

A	B	Ø seat glow plug	Engine code
M10x1	63°	Ø4,5 mm	B37
M10x1	63°	Ø4,5 mm	B47
M10x1	63°	Ø4,5 mm	B57
M10x1	63°	Ø5,5 mm	M47
M10x1	63°	Ø5,5 mm	M57
M10x1	63°	Ø5,5 mm	M67
M10x1	63°	Ø4,5 mm	N47
M10x1	63°	Ø4,5 mm	N57
M8x1	123°	Ø4,5 mm	W16



MODULE GLOW PLUG TIP REMOVAL



- Set of tools for the extraction of part of the electrode terminal part of the glow plugs in the event of breakage or seizure inside the seat, otherwise impossible to remove.

Components

- 2 x centering guides (M8x1; M10x1)
- 3 x TiN-coated steel milling cutters for drilling the glow plug tip (Ø2,5; Ø3,2; Ø3,2 special)
- 3 x tap drill to create the thread to remove the glow plug tip (M3; M4; M4 special)
- 3 x threaded rods for the mechanical removal of the glow plug tip (M3; M4; M4 special)
- 1 x body+bearing+ring for the mechanical removal
- 2 x extraction nuts (M3; M4)

Breaking zone:



CODE **497**

1 with 14 pcs. kg 0,7 kg



MODULE GLOW PLUG REAMING AND CLEANING



Components

- 2 x centering guides (M8x1; M10x1)
- 3 x steel reamers:
 - 1 x M8x1/123°/Ø4,5 mm
 - 1 x M10x1/63°/Ø4,5 mm
 - 1 x M10x1/63°/Ø5,5 mm
- 2 x cavity seating brush with steel wire (Ø4,8; Ø5,8)
- 1 x allen key 2 mm

Application

A	B	C
M8x1	123°	Ø4,5 mm
M10x1	63°	Ø4,5 mm
M10x1	63°	Ø5,5 mm



CODE **498**

1 with 6 pcs. kg 0,6 kg



VW - GLOW PLUG REMOVAL SET - MASTER M8x1 AND M10x1

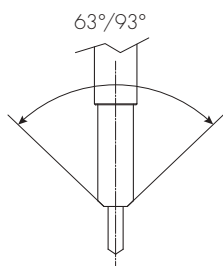
M8x1

M10x1

GROUP VW



- Handy special tool set for all current VAG models. It allows disassembly of broken glow plugs along with complete cleaning of the glow plugs chamber.
- The full set includes the following 3 modules:
 - **Module 1** (23 pcs.): disassembling of the glow plugs if the drive hex is broken. The thread of the glow plugs in the cylinder head remains.
 - **Module 2** (14 pcs.): disassembling of the glow plug tip if broken. No damage to the glow plug holder in the cylinder head.
 - **Module 3** (8 pcs.): complete cleaning of the glow plugs chamber in the cylinder head. Correct preparation before mounting the glow plug.
- As an alternative to the full set it is possible to choose all the components of the set in the form of 3 modules.
- All components of the set, including those subject to wear, are also available individually afterwards.



GO	CODE	460
	1 with 31 pcs.	kg 5,8 kg



MODULE GLOW PLUG REMOVAL



Application

Model: VW

Engine: 1.2, 1.4, 1.6, 1.9, 2.0, 2.5, 2.7, 3.0, 3.3, 4.0, 4.2, 6.0 TDI



CODE

461



with 23 pcs.



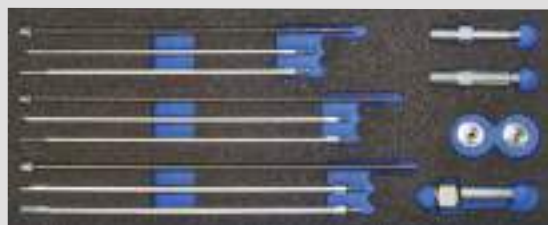
5,2 kg

Application

A	B	Ø seat glow plug	Engine
M8x1	93°	Ø4,5 mm	2.0 TDI
M10x1	63°	Ø4,5 mm	0.8 TDI
M10x1	63°	Ø4,5 mm	1.2 TDI
M10x1	63°	Ø4,5 mm	1.4 TDI
M10x1	63°	Ø4,5 mm	1.6 TDI/1.9 TDI
M10x1	63°	Ø4,5 mm	2.0 TDI/2.5 TDI/3.0 TDI
M10x1	63°	Ø4,5 mm	4.2 TDI/6.0 TDI
M10x1	63°	Ø5,5 mm	1.2 TDI
M10x1	63°	Ø5,5 mm	1.4 TDI/1.6 TDI
M10x1	63°	Ø5,5 mm	1.7 TDI/1.9 TDI/2.0 TDI
M10x1	63°	Ø5,5 mm	2.5 TDI/2.7 TDI/3.3 TDI/4.0 TDI



MODULE GLOW PLUG TIP REMOVAL



- Set of tools for the extraction of part of the electrode terminal part of the glow plugs in the event of breakage or seizure inside the seat, otherwise impossible to remove.

Components

2 x centering guides (M8x1; M10x1)

3 x TiN-coated steel milling cutters for drilling the glow plug tip (Ø2,5; Ø3,2; Ø3,2 special)

3 x tap drill to create the thread to remove the glow plug tip (M3; M4; M4 special)

3 x threaded rods for the mechanical removal of the glow plug tip (M3; M4; M4 special)

1 x body+bearing+ring for the mechanical removal

2 x extraction nuts (M3; M4)

Breaking zone:



CODE

462



with 14 pcs.



0,7 kg



MODULE GLOW PLUG REAMING AND CLEANING



Components

2 x centering guides (M8x1; M10x1)

3 x steel reamers:

1 x M8x1/93°/Ø4,5 mm

1 x M10x1/63°/Ø4,5 mm

1 x M10x1/63°/Ø5,5 mm

2 x cavity seating brush with steel wire (Ø4,8; Ø5,8)

1 x allen key 2 mm



CODE

463



with 6 pcs.



0,6 kg



GLOW PLUG REMOVAL KIT M8x1 - M9x1, FOR FCA GROUP 1.3 MJ ENGINES

FCA

OPEL

FORD

SUZUKI

M8X1

M9X1

1.3 MJ



- The glow plug has to stand high temperature, high pressures, vibrations and attacks from corrosive agents, which develop during combustion.
- The point of the glow plug has to be placed correctly to ignite fuel. It cannot protrude too much into the combustion chamber as it could trigger combustion incorrectly. That is why replacing glow plugs is a problem; furthermore, they easily break in their seat.
- If the glow plug is still intact and using the spanner standard it cannot be unscrewed, use the supplied spanner Torx.

Components

- | | |
|--------------------------|---|
| 1 x special gauge | 2 x thread insert |
| 2 x drill with centering | 2 x special drill |
| 1 x male M8X1 | 1 x male M9X1 |
| 1 x male M5 | 1 x centering tool with a screw and nut |



PLUS:

New application for M9 glow plugs



CODE

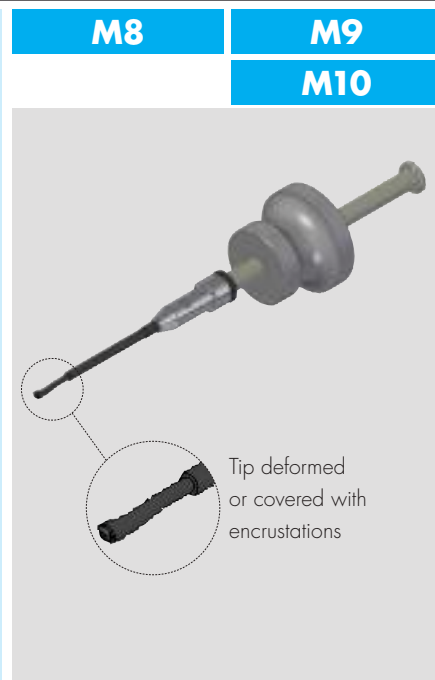
489

1 with 16 pcs.

kg 4 kg



GLOW PLUG PULLER SET M8-M9-M10



- Since modern glow plugs are increasingly fragile and narrow, a glow plug that has been burnt out for a long time often gets stuck in its seat. Even if you try to unscrew it, it will not come out due to encrustation along its body and also because of deformation which occurred over time in the final part.
- 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 job done to professional standard.
- Removal through the strokes of the slide hammer provided.

Components

- 1 x glow plug extractor M8
- 1 x glow plug extractor M9
- 1 x glow plug extractor M10

Follow us on YouTube



GO	CODE 453
1 with 9 pcs.	kg 2,5 kg
§ PATENTED	





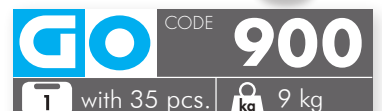
SELF ADJUSTING CLUTCH (SAC) INSTALLER MASTER KIT



- Using a specialized tool is an absolute must for ensuring the proper installation of the self-adjusting clutch.
- It avoids erratic adjustment of the adjusting ring in the clutch's mechanisms and thereby ensures smooth operation of the clutch after installation.
- Depending on the flywheel's hole pitch grouping (six or eight screws), the pressure plate must be setup to work with the truss with the correct number of arms.
- Use the 3-arm truss for flywheels with six mounting screws and the 4-arm truss for flywheels with eight mounting screws.
- Delivery will include the 14 piece special centering tool set for vehicles without pilot bearings in the crankshaft.
Problem: in these vehicles, the inside diameter of the crankshaft hole is greater than the disc hub clutch hole.

Components

- 1 x standard centering tool with guide and clamp components
- 2 x plastic clamping sleeves for the clutch disk hub, Ø 15-28 mm
- 7 x centering pins for the pilot bearings Ø12-14-15-16-17-18-19mm
- 1 x specialized centering tool set for BMWV, 6 pieces including handle (Ø15/23 – Ø15/26,5 – Ø15/28 – Ø15/34 + specialized centering sleeves)
- 1 x specialized centering tool set with 2 clamping components, 14 pieces
- 1 x 3-piece pressure plate with centering expander and handle
- 2 x trusses for groups of 3 holes and 4 holes
- 12 x mounting bolts, 4 each M6, M7 and M8
- 4 x lock nuts for the mounting bolts
- 1 x extractor tool





Application

With the 4-arms plate (code 318004002) it is possible to work on all SAC clutches with multiple of 4 holes (ex: Mercedes A-Class (up to 2004 W169).

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SELF ADJUSTING CLUTCH (SAC) INSTALLER KIT



- This kit allows the easy dismounting, removal and replacement of all self-adjusting clutches SAC (SAC = Self-Adjusting-Clutch).
- The kit includes a centring tool specific for SAC models with the diameter of the crankshaft bore (driving bearing seat) bigger than the diameter of the clutch hub and without the driving bearing.
- It is equipped with 2 plates: 3-arms and 4-arms (specific for MB), for clutches with 6 or 8 locking holes.
- During assembling and disassembling operations the pre-tightening of the pressure plate is required in order to avoid clutch deformations.
- Clutch disk centring accordingly to the driving bearing or to the pressure plate.
- Adjusting ring resetting using the pre-tightening tool together with the adjusting tool.



Advantages

- Longer life clutch
- Reduction of vibrations
- Faster working time
- For engines with manual-shift gear box

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on YouTube



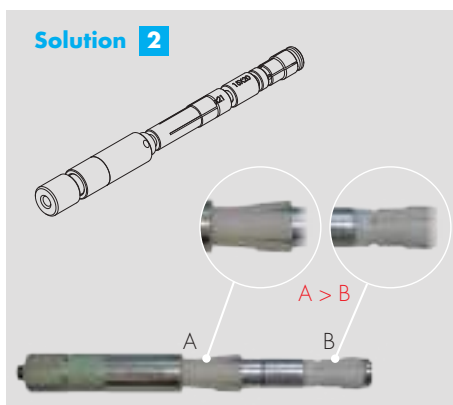
GO	CODE	901
	1 with 29 pcs.	kg 8,8 kg



UPGRADE OPTION
UPGRADE CLUTCH ALIGNER
TOOL SET



- The clutch aligner tool set can be used on all the brand and models of vehicles.
- Guarantee to operate and to fit perfectly in all cases of different hole crankshaft variation:
- Problem **1**: Centering a Standard-Clutch using pilot bearing centering pin and expander;
- Problem **2**: when the clutch pilot bearing is inside the crankshaft hole, its diameter is smaller than the inner diameter of the clutch disk;
- Problem **3**: When the clutch pilot bearing is not inside the crankshaft hole, the diameter of the hole is larger than the diameter of the clutch disk.



A	B	C
min. Ø15 mm max Ø 27mm	Ø15-21 mm Ø20-25 mm	Ø 12 mm Ø 14 mm Ø 15 mm

Usage specification

Centering of clutch pilot bearing (inner Ø 12, 14, 15 mm) by using the corresponding fixed centering pins

Blocking/centering for crankshaft hole (Ø 12 mm to 15 mm)

Application

Alfa Romeo: 159, Sportwagon, Brera, Spider
Audi: A3, TT
Bmw: E90, E91, E92, E93 (335i)
Citroën: C-Crosser
Fiat: Bravo
Ford: C-Max, Focus, Galaxy, Maverik, Mondeo, S-Max, Transit
Hyundai: H-1, I30, I30 Cw, Santa Fe, Sonata V, Tuscon

Lancia: Delta
Mitsubishi: Grandis, Outlander,
Opel: Astra, Vivaro
Peugeot: 4007
Renault: Espace, Laguna, Megane, Trafic, Vel Satis
Seat: Altea, Altea XL, Leon, Toledo,
Skoda: Octavia, Superb, Yeti,
Volvo: S40, V50
Vw: Caddy, Eos, Golf, Golf Plus, Jetta, Passat, Passat Cc, Scirocco, Touran

GO CODE **902**
with 17 pcs. **kg** 0,6 kg
§ PATENT PENDING





SELF ADJUSTING CLUTCH (SAC) MASTER SET



- Using a specialized tool is an absolute must for ensuring the proper installation of the self-adjusting clutch.
- It avoids erratic adjustment of the adjusting ring in the clutch's mechanisms and thereby ensures smooth operation of the clutch after installation.
- Depending on the flywheel's hole pitch grouping (six or eight screws), the pressure plate must be setup to work with the truss with the correct number of arms.
- New centering pin to BMW clutch.
- Included the adjustable face pin (Ø 5 mm) spanner wrench. To remove the compression plate of clutch (e.g. FCA, VAG).
- **The set is the best complete assortment on the market!**

Components

- 1 x standard centering tool with guide and clamp components
- 2 x plastic clamping sleeves for the clutch disk hub, Ø 15-28 mm
- 7 x centering pins for the pilot bearings Ø12-14-15-16-17-18-19mm
- 1 x specialized centering tool set for BMWV, 8 pieces including handle (Ø15/23 - Ø15/26,5 - Ø15/26,5L - Ø15/28 - Ø15/32,5 - Ø15/32,5L - Ø15/34 + guaina speciale per centraggio)
- 1 x specialized centering tool set with 2 clamping components, 14 pieces
- 1 x 3-piece pressure plate with centering expander and handle
- 2 x trusses for groups of 3 holes and 4 holes
- 12 x mounting bolts, 4 each M6, M7 and M8
- 4 x lock nuts for the mounting bolts
- 1 x extractor tool
- 1 x face pin (Ø 5 mm) spanner wrench



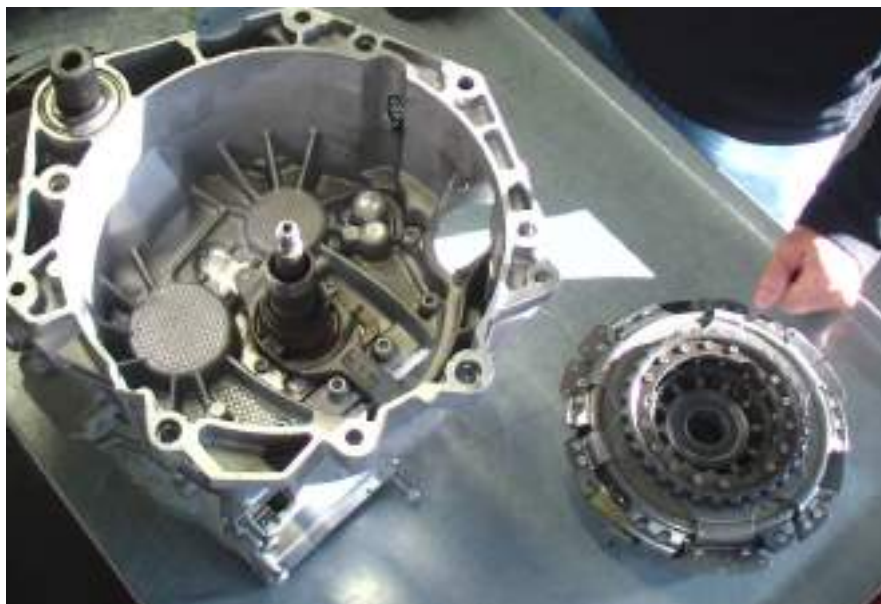
GO	CODE	907
	1 with 54 pcs.	kg 12,2 kg



**DSG CLUTCH REMOVAL KIT VW GROUP****GROUP VW**

- The tool set for the disassembly and assembly of the DSG (Direct-Shift Gearbox) is designed to remove the clutch casing, including the discs, of 6-speed (code 08D) and 7-speed (code 0AM) VAG gearboxes, dual clutches (K1 and K2) and multiple shafts used in cars of the VAG Group from 2004 to 2012.
- Included pliers to remove/install the main shaft safety ring.

GO	CODE	903
1	with 8 pcs.	kg 7,5 kg



Components

- 1 x support bridge for removing and installing the clutch housing
- 1 x puller for clutch unit with bayonet fitting
- 1 x end gauge for calibrating a new clutch pack, double-sided use
- 1 x pressure piece for installing and positioning the clutch unit
- 1 x lock ring pliers - removal of the retaining ring on the gear shaft

AUDI application

Models: A3

SEAT application

Models: Altea, Altea XL, Ibiza, Leon, Toldeo

SKODA application

Models: Fabia, Octavia, Roomster, Superb, Yeti

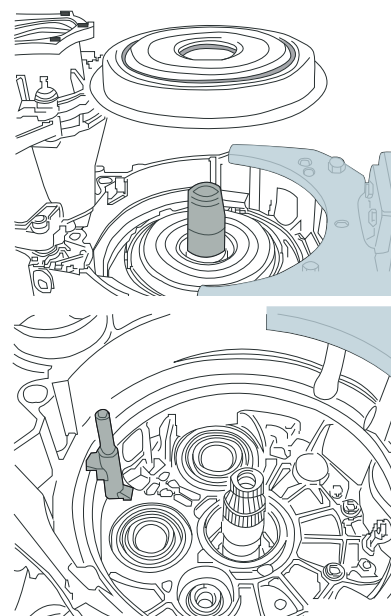
VW application

Models: Golf, Golf Plus, Jetta, Passat, Polo, Scirocco, Touran



DSG CLUTCH TOOL SET "UPGRADE"

GROUP VW



- Required for the professional disassembly and assembly of DSG clutches on VAG vehicles according to the manufacturer's workshop manual.
- New updated range - now also for current models!
- Delivery includes tools for disassembly and assembly, calibration of a new DSG gearbox clutch pack and assembly of the clutch connection cover.

Nota: calibration is not required if the clutch is only installed and removed. However, if the clutch pack is completely renewed, the clutch must also be re-calibrated.

MODELS

AUDI	A3
SEAT	Altea, Altea XL, Ibiza, Leon, Toldeo
SKODA	Fabia, Octavia, Roomster, Superb, Yeti
VW	Golf, Golf Plus, Eos, Jetta, Passat, Polo, Scirocco, Touran

Applications

7-speed DSG (Code 0AM) up to 05.2011

7-speed DSG (Code 0AM) from 06.2011

7-speed DSG (Code 0CW) S-tronic

6-speed manual transmission (code 08D)

6-speed DSG wet (code 02E)

With VW/Audi/Seat and Skoda models from year of construction 2004



GO	CODE	904
	with 11 pcs.	
1	kg	12,6 kg



CLUTCH CENTERING TOOL SET



UNIVERSAL

Vehicles with pilot bearing



Vehicles without pilot bearing



- Universal range for the professional assembly of clutches.
- Suitable for vehicles with and without pilot / pilot bearing and with front, rear and four wheel drive.
- There are two options for centering: 1. Vehicles with pilot bearing: centering of the drive plate with the clutch unit in the removed state - subsequent assembly of the unit to the vehicle's flywheel; 2. Vehicles without pilot bearing: centering the drive plate with the pilot bearing on the vehicle. (mainly vehicles with front drive and transverse engine).
- Unique range with the greatest possible manufacturer and model coverage!



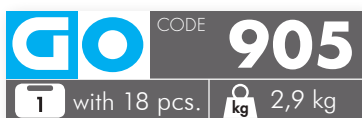
Applications

Passenger Cars - SUV - Offroader -
Transporter - Light Commercial
Vehicles

Components

1 x item for Short mounting spindle,
55mm
1 x item for Medium mounting
spindle,
150mm
1 x item for Long mounting spindle,
200mm
2 x items for Expander support
Ø15.0 -
19.0mm / Ø19.5 - 26.0mm

1 x item for Double cone for clutch
disc hub
19-28 / 21-30mm
1 x item for Double cone for clutch
disc hub
26-31 / 28-35mm
1 x item for Double cone pressure
plate for
disc spring 29-50.5 / 49-69mm
10 x items for Pilot Bearing Adapter
Ø10 - 12
- 14 - 15 - 16 - 17 - 19 - 26 - 27 -
30mm
1 x item for Pilot extension 26mm





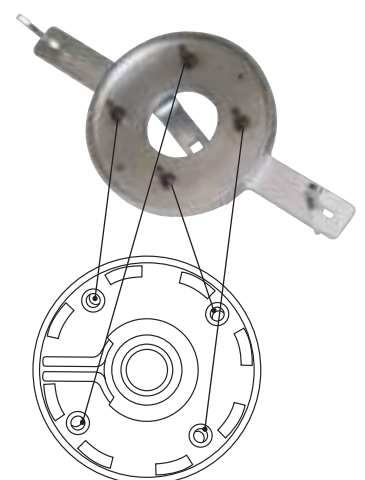
DOUBLE CLUTCH TOOL

FORD

VOLVO



- It is required for professional disassembly and assembly of the double clutch.
- With the help of the device, the clutch housing and bell assembly is released by jerking and turning it counterclockwise, and then removed from the transmission.



APPLICATIONS

FORD	Focus (2004→) / C-Max – S-Max – Galaxy – Mondeo (2007→) / Kuga (2013→)
VOLVO	C30 – C70 (2006→) / S40 (2004→) / S60 (2011→) / S80 (2007→) S80L – V40 (2013→) / V40 CC – V50 – V60 – V70 (2008→) / XC60
DODGE	Avenger – Journey
CHRYSLER	Sebring

GO	CODE	906
	1 with 1 pcs.	
	kg	1,2 kg



STRETCH BELT FITTING TOOL UNIVERSAL

UNIVERSAL



- Removal/assembly of Poly-V elastic belts for single and double pulleys.
- In order to apply to double pulleys you must check how much space is available, for the use of the equipment.
- Assembly and adjustment with centring device.
- Quick, accurate and safe assembly and disassembly of elastic belts, without causing any damage.
- The belt cannot be reused without using this tool.

Disassembly



Assembly



Components

1 x belt fitting tool: Ø 50, Ø 32
4 x screws: M8x65 Ø 5,6mm -
L=32,5; M8x65 Ø 5,6mm -
L=11,5; M8x25 Ø 5,9mm; M8x40 Ø
5,7mm

Advantage

- High time saving
- High cost saving
- Easy and fast belt replacement
- Universally applicable due to the long slot



GO	CODE	910
T with 8 pcs.	kg	2,5 kg



SET OF TOOLS FOR REPLACING ELASTIC V-BELTS

UNIVERSAL


- Assortment of tools for the assembly and disassembly of Flex belts.
- The "Flex" belts drive the auxiliary units in the engine such as the generator, the fan, the water pump, the air conditioning compressor, the power steering, etc. Brands and names of compatible/similar products such as, for example, Gates (Strecht Fit™), ContiTech (Conti-V Multirib Elast-Belt), Optibelt (EBK belts).
- The very wide range guarantees very high market coverage of approximately 95%.
- No damage to belts and pulley.
- Suitable for single- and double-acting pulleys.

Components

- 1 x tool for belt assembly short type 1 for double-acting pulleys
- 1 x tool for assembly of belt Ø50, Type 2 groove width 3.1mm
- 1 x tool for assembly of belt Ø50, Type 3 groove width 10.4mm
- 1 x spacing bolts set, 2 pcs. for mounting tool type 1, 2, 3
- 1 x tool for assembly of belt Ø32, Type 4
- 1 item for spacing bolts set, 3 pcs. for mounting tool

type 4

- 1 x tool for disassembly of belt
- 1 x belt positioner with shim for water pump, Ford/Volvo
- 1 x double-acting pulley adapters, Ford/Volvo
- 1 x Two-sided ½ engine rotation tool, BMW
- 1 x Spacing tool, aluminium, 1.8+2.2 D Van
- 1 x belt assembly tool, Plastic 1.8+2.2D Van

Application

Universal use on vehicles/SUVs and Vans.

Models: BMW, Audi, Seat, Skoda, VW, Chrysler, Ford, Mazda, Mercedes, Peugeot, Citroen, Fiat, Iveco, Volvo, Fiat, Lancia etc.



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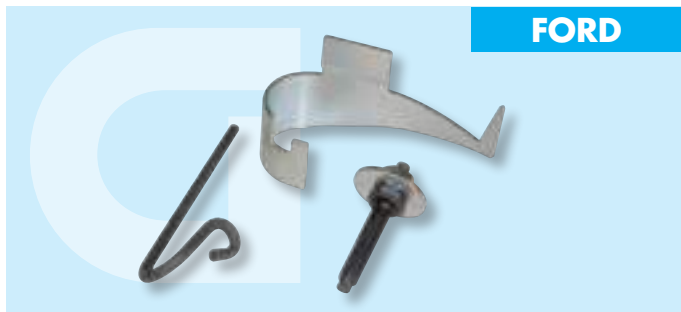
912
1

with 15 pcs.



3 kg

G ELASTIC BELT TOOL KIT, FORD FIESTA



FORD



APPLICATIONS

FORD	Fiesta	4-cylinder gasoline powered vehicle	1.25 Duratec 16V	2011 - 2017
			1.4 Duratec 16V	
			1.6L-L4	

GO CODE **913**
with 3 pcs. 0,1 kg

Components

- 1 x belt lay-up sheet
- 1 x strap guide hook
- 1 x fixing bolts for guide hooks

G ELASTIC BELT TOOL SET FOR FORD/VOLVO/MAZDA 1.2-1.4-1.6L



FORD

APPLICATIONS

FORD	C-Max, Courier, Fiesta, Focus, Fusion	1.2	C12HM7AD, C12LM7AA, ZH12FUJA, ZH12FUJB, ZH12M7JB
		1.4	C14HDEZ, C14HHADB, ZH14ASDA, ZH14FXDA, ZH14FXDB, ZH14FXDC, ZH14FXDD, ZH14FXJA, ZH14FXJB
		1.6	16HDEZ, CH16HDEZ, C16HHDEY, ZH16FYDA, ZH16FYDB, ZH16FYDC, ZH16FYDD, ZH16FYDH, ZH16FYJA, ZH16FYJB, ZH16HWD, ZH16HXDA
MAZDA	2	1.2	(FUJA) / 1.4 (FXJA) / 1.6 (FYJA)
VOLVO	C30, S40, V50	1.6	B4164S3

- Special tool set for the professional assembly of the elastic V-ribbed belt.

GO CODE **914**
with 2 pcs. 0,5 kg

Components

- 1 x item for Belt positioner with clamping element for water pump
- 1 x item for Adapter for crankshaft double pulley



G ELASTIC BELT TOOL SET FOR 1.8L AND 2.2L TRANSPORTER



APPLICATIONS

CITROEN	Jumper, Relay	2.2D	22DT
FIAT	Ducato	2.2D	4HF
FORD	Transit, Transit Tourneo	2.2D	C22DDOP, PGFA, P8FA, QVFA, QWFA
MITSUBISHI	ASX	1.8D	4N1
PEUGEOT	Boxer	2.2D	22DT

Technical data

- Color: silver and white

Components

- 1 x item for Distance tool, aluminum
- 1 x item for Belt mounting tool, plastic

GO CODE **917**
with 2 pcs. 0,1 kg

- Special tool set for the professional assembly of the elastic V-ribbed belt.



CRANKSHAFT PULLEY HOLDING TOOL

UNIVERSAL


- Wrench suitable for locking crankshaft and camshaft pulleys during the timing and the belt replacement



CODE

824

with 1 pcs.

1 kg



PULLER FOR INJECTION PUMP PULLEY

BMW


Application

M47 (only the puller)
M47TU (puller and centering bush)
M57 (puller and centering bush)
M57TU (puller and centering bush)

Components

1 x centering bush
1 x M40x1,5 mm
1 x M42x1,5 mm



CODE

825

with 3 pcs.

0,6 kg



PULLER FOR INJECTION PUMP PULLEY

BMW


Application

M41 (diesel 4 cyl.), M51 (diesel 6 cyl.)



CODE

856

with 1 pcs.

0,1 kg



PULLER FOR INJECTION PUMP

BMW


Application

Serie 1, 3, 5, X1, X3
2.0 diesel engines



CODE

858

with 1 pcs.

0,1 kg



HIGH PRESSURE PUMP EXTRACTOR

HYUNDAI
KIA


- The tool is used to remove the high pressure pump.
- To be used as OEM 09331-1M100.



Application

Hyundai and Kia CRDi - diesel engines with control chain 2.0 and 2.2L



CODE

811

with 1 pcs.

0,4 kg



STRETCH BELT FITTING TOOL - DUAL SIZE PULLEY



- Specially designed two-piece tool for installing and dismantling stretch belts on double pulleys.
- Easy and fast belt replacement.
- Any damage to pulleys and belts granted.



Application

Universal application for all pulleys

Alfa Romeo: 159 2.4, MJ

Fiat: Multipla, Bravo, Croma 1,6 petrol engine and 2,4 MJ

Lancia: Lybra 1.6 petrol engine

BMW: Serie 1, Serie 3

Citroën: C Picasso, C4, C4 Picasso, C5,

Jumpy, Berlingo 1.6 HDI

Peugeot: 207, 308, 407, Partner, 5008, 3008 1.6 HDI

Ford: Focus, C-Max 1.6 TDCI

Mazda: 3 1.6 DE

GO CODE **920**
with 8 pcs. **kg** 0,6 kg



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STRETCH BELT FITTING TOOL



- Special kit suitable for mounting the new stretch belts.

Components

1 x belt fitting tool Ø 50

1 x belt fitting tool Ø 32

1 x screw M8x25 Ø 5,9 mm

1 x screw M8x40 Ø 5,7 mm

1 x screw M8x65 Ø 5,6 mm

GO CODE **915**
with 5 pcs. **kg** 0,4 kg



STRETCH BELT FITTING TOOL MODEL ELAST III



- Universal kit for vehicles without automatic tightener, equipped with double pulley (dynamo and AC systems).
- Assembly and adjustment with centring device.
- Quick, accurate and safe assembly and disassembly of elastic belts, without causing any damage.

GO CODE **911**
with 4 pcs. **kg** 0,6 kg

Features:

Fix the tool on the pulley using one of the two pins (ref. 313200011 - 313200012).



BELT TENSIONER WRENCH SET

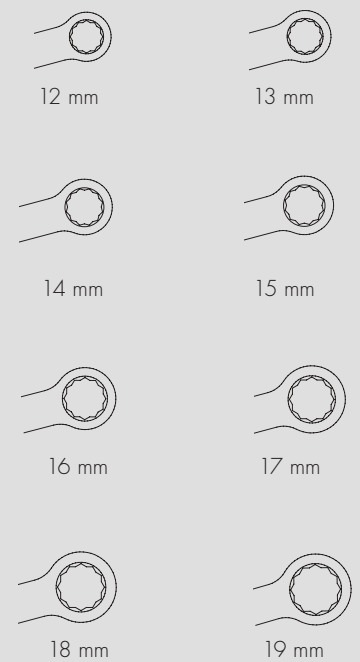
UNIVERSAL



Torx wrenches



Polygonal wrenches



- For tensioning the tensioning device during mounting and dismounting belt operations on the vehicle.
- The special thin and curved design allows the access even in narrowed spaces.
- Extra-long handle for efficient, user friendly operation that allows a practical and quick removal.
- Suitable for timing, auxiliary and V-belts

Application

Tensioner: Audi, Skoda, Seat, VW, Opel, Mercedes, Mitsubishi, Saab, Honda

Other: Also, suitable to be used for screwing water pumps, elbows, alternators, power cables and starters

Components

8 x double hex key insert: 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19mm

5 x Torx E-profile wrench: E10 - E12 - E14 - E16 - E18

1 x handle

GO	CODE	930
	1 with 14 pcs.	kg 5 kg

G **HANDLE FOR BELT TENSIONER WRENCH**



GO CODE **931**

1 with 1 pcs. **kg** 0,4 kg

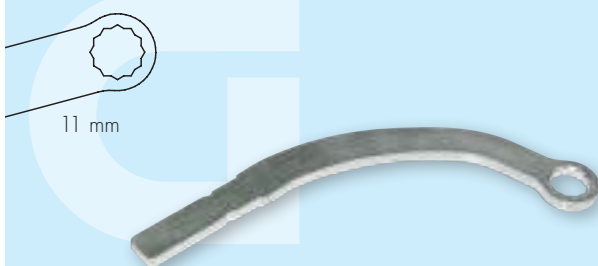
G **POLYGONAL WRENCH 10 mm**



GO CODE **932**

1 with 1 pcs. **kg** 0,2 kg

G **POLYGONAL WRENCH 11 mm**



GO CODE **933**

1 with 1 pcs. **kg** 0,2 kg

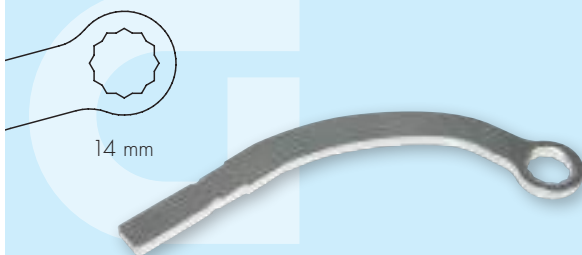
G **POLYGONAL WRENCH 12 mm**



GO CODE **934**

1 with 1 pcs. **kg** 0,2 kg

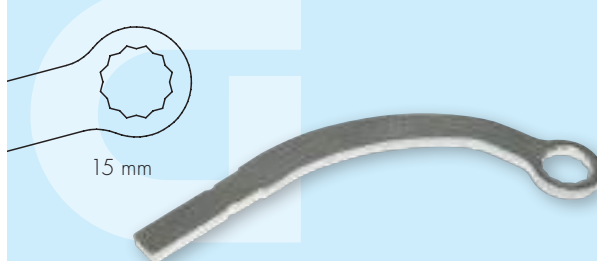
G **POLYGONAL WRENCH 14 mm**



GO CODE **935**

1 with 1 pcs. **kg** 0,2 kg

G **POLYGONAL WRENCH 15 mm**



GO CODE **936**

1 with 1 pcs. **kg** 0,2 kg

**TORX WRENCH**
E8

E8



CODE

944

with 1 pcs.

0,2 kg

**TORX WRENCH**
E10

E10



CODE

937

with 1 pcs.

0,2 kg

**TORX WRENCH**
E12

E12



CODE

938

with 1 pcs.

0,2 kg

**TORX WRENCH**
E14

E14

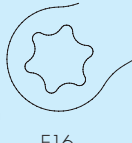


CODE

939

with 1 pcs.

0,2 kg

**TORX WRENCH**
E16

E16



CODE

940

with 1 pcs.

0,2 kg

**TORX WRENCH**
E18

E18

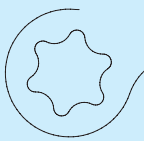


CODE

941

with 1 pcs.

0,2 kg

**TORX WRENCH**
E20

E20

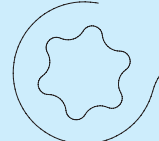


CODE

942

with 1 pcs.

0,2 kg

**TORX WRENCH**
E22

E22



CODE

943

with 1 pcs.

0,2 kg

G OIL FILTER WRENCH SET FOR KIA / HYUNDAI



Included:

Oil filter wrench N.23

Flutes:14/Inner distance Ø 66,8 mm

- Filter code KIA/HYUNDAI 26300-2Y500,26300-02502

Oil filter wrench N.25

Flutes:15/Ø Inner distance 93,5 mm

- Filter code KIA/HYUNDAI 26300-4X000

Oil filter wrench N.24

Flutes:15/Inner distance Ø 79,3 mm

- Filter code KIA/HYUNDAI 26300-35503

Application

Filter code 26300-2Y500

KIA	Models	Engine
	Rio	All
	Sephia	All, L4-1.6L
	Spectra	All, L4-1.6L
	Sportage	All

Filter code 26300-02502

KIA	Models	Engine
	Morning (TA)	1.2
	Rio III (UB)	1.25 CWT

Hyundai	Atoz (MX)	1.0 i, 1.1
	i10	1.1, 1.2
	Amica (MX)	1.0i, 1.1

Filter code 26300-35503, 26300-35530

Hyundai	ix20	1.6
	Exel i (x-3)	1.3, 1.3i 12V, 1.5i 12V, 1.5i 16V
	Pony Saloon (x-3)	1.3, 1.3i 12V, 1.5i 12V, 1.5i 16V
	Elentra i (J-1)	1.5 i.e.

Filter code 26330-4X000

Hyundai	Starex 2.5TD, 2.5 TD 4WD, 2.5 TCI
	H200 Box 2.5 TD
	H200 Bus (KMF) 2.5 TD, 2.5 TD 4WD
	Terracan (HP) 2.9 CRDi 4WD

G OIL FILTER WRENCH SET FOR MAZDA



- This wrench allows work to be carried out perpendicularly without damaging the thread on which the oil or diesel oil filter is screwed down. Suitable for Skyactiv models.

Included:

Oil filter wrench N.23

Flutes:14/Inner distance Ø 66,8 mm

- Filter code Mazda PE01-14-302A-9A

Oil filter wrench N.29

Flutes:15/Inner distance Ø 75,5 mm

- Filter code Mazda SH01-14-302A

Oil filter wrench N.26

Flutes:14 /Inner distance Ø 73 mm

- Filter code Mazda LF10-14-302A-9B



GO CODE **610**
1 with 3 pcs. 0,7 kg

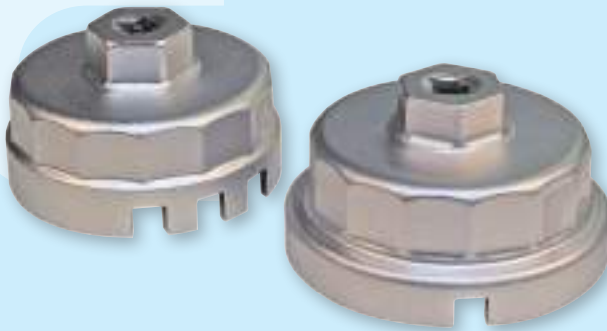
GO CODE **611**
1 with 3 pcs. 0,7 kg



OIL FILTER WRENCH SET FOR TOYOTA/LEXUS

TOYOTA

LEXUS



- The wrench is suitable for filters that are hard to remove, due to seals sticking between them because of heat. They usually require a large amount of force to separate



Inside view



Outside view



Included:

Oil filter wrench N.27

Flutes: 14/Ø ext. 79 mm - int. 64,5mm, 3/8" + 27 mm/aluminium. With 6 recesses

- Application Current 1,8/2,0L 4 cylinder models e.g. Corolla, Matrix, Prius, Premio, RAV4, Lexus CT200h, Scion, Camry, Avalon

Oil filter wrench N.28

Flutes: 14/Ø ext. 90 mm - int. 64,5 mm, 3/8", 27 mm/aluminium. With 2 recesses

- Application Toyota and Lexus 4-,6- and 8 cylinder engines Toyota 3,5L V6 (2007-2008), Toyota models from 2006 Lexus (from 2006) IS250/350, ES350, GS300/350/450h, RX350, LS460/600h L



CODE

612



with 2 pcs.



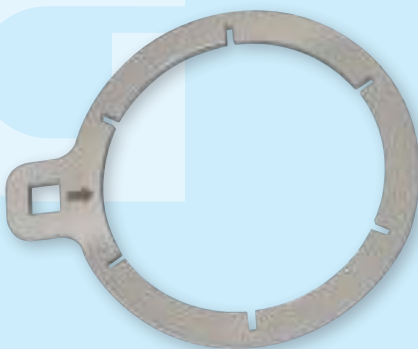
0,6 kg



DIESEL FILTER WRENCH FOR FORD TRANSIT

CAR

FORD



- Wrench to remove the plastic cover on the fuel filter container. The 1/2" square drive allows the use of an extension and/or ratchet so as not to have to perform the loosening operation in the narrow space next to the filter.



Application

Ford Transit from year of construction 2006/2.2L Duratorq



CODE

616



with 1 pcs.



0,5 kg

G OIL FILTER WRENCH N.3



RENAULT
FIAT

Technical data

- Type: Ø 66,5 mm
- Flutes: 6

Application

Fiat: Punto 1.2
Renault: 1.2 from '98

GO CODE **620**
1 con 1 pz. 0,1 kg

G OIL FILTER WRENCH N.4



RENAULT
GROUP VW

Technical data

- Type: Ø 74,4 mm
- Flutes: 14

Application

Renault
VW, Audi: cartridge filter

GO CODE **621**
1 con 1 pz. 0,2 kg

G OIL FILTER WRENCH N.6



FIAT

Technical data

- Type: Ø 92 mm
- Flutes: 10

Application

Fiat
Engine: Common Rail 125 Hp

GO CODE **622**
1 con 1 pz. 0,2 kg

G OIL FILTER WRENCH N.8



FIAT

Technical data

- Type: Ø 64 mm
- Flutes: 14

Application

Fiat: Punto

GO CODE **623**
1 con 1 pz. 0,2 kg

G OIL FILTER WRENCH N.10



UNIVERSAL

Technical data

- Type: Ø 76,8 mm
- Flutes: 12

Application

Mercedes: all models with Purflux LS 918 filters
Renault: Megane, Laguna, Espace I+II+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

GO CODE **624**
1 con 1 pz. 0,2 kg

G OIL FILTER WRENCH N.12



RENAULT

Technical data

- Type: Ø 96,4 mm
- Flutes: 6

Application

Renault: Clio, Kangoo, Modus, Megane, Scenic
Engine: 1.5, 1.9 and 2.2 dCI

GO CODE **625**
1 con 1 pz. 0,2 kg

G OIL FILTER WRENCH N.13



FCA

SAAB

Application

Saab: 9.3, 9.5 mounted on
1.9 and 2.0 diesel engines
Alfa Romeo: MJ
Fiat: 1.6 MJ

Technical data

- Type: Ø 75,3 mm
- Flutes: 16



CODE

626

1 con 1 pz.

kg 0,2 kg

G OIL FILTER WRENCH N.16



MERCEDES

Application

Mercedes Purflux filters,
Diesel

Technical data

- Type: Ø 84,6 mm
- Flutes: 14



CODE

627

1 con 1 pz.

kg 0,2 kg

G OIL FILTER WRENCH N.17



RENAULT

Application

Renault 16V

Technical data

- Type: Ø 73 mm
- Flutes: 10



CODE

628

1 con 1 pz.

kg 0,2 kg

G OIL FILTER WRENCH N.19



BMW

Technical data

- Type: Ø 87 mm
- Flutes: 16



CODE

629

1 con 1 pz.

kg 0,3 kg

G OIL FILTER WRENCH N.22



RENAULT

GROUP VW

Application

Renault
VW, Audi: TDI

Technical data

- Type: Ø 96 mm
- Flutes: 18



CODE

630

1 con 1 pz.

kg 0,3 kg

G OIL FILTER WRENCH N.23



KIA

HYUNDAI

Technical data

- Flutes: 14
- Inner distance Ø 66,5 mm
- Filter code KIA/HYUNDAI
26300-2Y500, 26300-02502



CODE

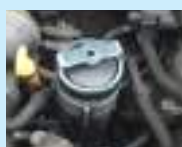
631

1 con 1 pz.

kg 0,2 kg

G OIL FILTER WRENCH N.29

MAZDA



Technical data

- Flutes: 15/Inner distance
Ø 93,2 mm
- Filter code Mazda SH01-
14-302A

GO CODE **632**

1 with 1 pcs. **kg** 0,2 kg

G OIL FILTER WRENCH N.26

MAZDA



Technical data

- Flutes: 14/Inner distance
Ø 73,0 mm
- Filter code Mazda LF10-
14-302A-9B

GO CODE **633**

1 with 1 pcs. **kg** 0,2 kg

G OIL FILTER WRENCH N.24

KIA

HYUNDAI



Technical data

- Flutes: 15/Inner distance
Ø 79,3 mm
- Filter code KIA/HYUNDAI
26300-35503

GO CODE **643**

1 with 1 pcs. **kg** 0,2 kg

G OIL FILTER WRENCH N.25

KIA

HYUNDAI



Technical data

- Flutes: 15/Inner distance
Ø 93,5 mm
- Filter code KIA/HYUNDAI
26300-4X000

GO CODE **644**

1 with 1 pcs. **kg** 0,2 kg

G OIL FILTER WRENCH N.27

LEXUS

TOYOTA



Technical data

- Flutes: 14/Ø ext. 79 mm -
int. 64,5mm, 3/8" + 27 mm/
aluminium.
- With 6 recesses

GO CODE **634**

1 with 1 pcs. **kg** 0,2 kg

G OIL FILTER WRENCH N.28

LEXUS

TOYOTA



Technical data

- Flutes: 14/Ø ext. 90 mm -
int. 64,5 mm, 3/8", 27 mm/
aluminium.
- With 2 recesses

GO CODE **635**

1 with 1 pcs. **kg** 0,3 kg

G OIL FILTER WRENCH N. 32

HYUNDAI



Technical data

- Flutes:15/Inner distance
Ø 81 mm

Application

Hyundai

GO CODE **652**

1 with 1 pcs. 0,2 kg

G OIL FILTER WRENCH N. 34

UNIVERSAL



Technical data

- Flutes:15/Inner distance
Ø 76,0 mm

Application

Audi/Citroën/Dacia/Fiat/
Ford/Mercedes Benz/Peugeot/
Renault/Honda/Opel/Suzuki/
VW/Seat/Skoda/Renault
Espace - Laguna - R19/Volvo
S40 - V40

GO CODE **653**

1 with 1 pcs. 0,3 kg

G OIL FILTER WRENCH N. 33

GROUP VW



Technical data

- SW37 mm

Application

VW/Audi/Seat/Skoda 1.8L e
2.0L FSI/TFSI
Motore: AXW, BGB, BLX, BLR,
BLY, BVX, BVY, BVZ, BWVE

GO CODE **654**

1 with 1 pcs. 0,2 kg

G DIESEL FILTER WRENCH

FCA

OPEL

SUZUKI



Technical data

- Flutes:15/Inner distance
Ø 109 mm
- Connection: SW17



Application

Motori diesel 1.3L Multijet
1.3 L DDiS / 1.3L CDTI
1.9 L Multijet CDTI / 2.4L

GO CODE **659**

1 with 1 pcs. 0,2 kg

G OIL FILTER WRENCH N. 35

MERCEDES



Technical data

- SW27 mm
- Connection 3/8"

Application

Mercedes Classe A, B, C

GO CODE **655**

1 with 1 pcs. 0,2 kg

G OIL FILTER WRENCH N. 36

OPEL

SKODA

AUDI

BMW

GROUP VW



Technical data

- SW32 mm
- Connection 3/8"

Application

Opel/VW/Audi/BMW/Skoda

GO CODE **656**

1 with 1 pcs. 0,3 kg

G OIL FILTER WRENCH N. 37



AUDI

BMW

MB

OPEL

GROUP VW

Technical data

- SW36
- Connection 3/8"

Application

Audi/BMW/MB/Opel/VW

GO CODE **657**
1 with 1 pcs. 0,2 kg

G OIL FILTER WRENCH N. 38



GROUP VW

VOLVO

Technical data

- Ø 42 mm
- Connection 3/8"

Application

VAG/Volvo (Mann/Knecht/Mahle)

GO CODE **658**
1 with 1 pcs. 0,3 kg

G OIL FILTER WRENCHES SET, WITH OIL DRAIN ADAPTOR



GROUP VW



- The oil filter tool set with oil drain adaptor for VW allows the user to professionally drain the engine oil from the oil filter housing.
- Included the tools to open, drain and unscrew/tighten plastic oil filter housings.

Components

- 1 x Oil filter wrench SW36
- 1 x Oil filter wrench SW37
- 1 x Oil drain adaptor
- 1 x Oil filter wrench; 74 mm - 14 flutes

Use

- Undo the oil drain plug (SW37 mm or SW36 mm) on the plastic oil filter housing the oil drain plug socket.
- Screw oil drain adaptor into oil filter housing.
- This cause a valve to open allowing the oil to be drained in a controlled way.
- The empty oil filter housing can be easily unscrewed with the aid of the 74 mm oil filter socket.

Applications

VW / Audi / Seat / Skoda
1.8L e 2.0L FSI / TFSI
Motore: AXW, BGB, BLX, BLR,
BLY, BVX, BVY, BVZ, BWVE

GO CODE **660**
1 with 4 pcs. 0,8 kg



CROWS FOOT OIL FILTER WRENCH FOR FORD AND PSA GROUP 2.0, 2.2 HDI/TDCI



FORD

PSA



- The usage of this wrench is highly recommended for mounting and dismounting oil filters plastic seat.
- This wrench has been designed 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.



Citroën application

C4, Picasso, Grand Picasso, C5

Ford application

C-Max, Focus, Galaxy, Kuga, Mondeo, S-Max

Peugeot application

308, 3008, 508, 5008, 407, RCZ

Engines: 2.0 - 2.2 HDi/TDCi

Engines code: DW10C - DW12C



CODE

638

1 with 1 pcs.

kg 0,5 kg



CROWS FOOT OIL FILTER WRENCH FOR FORD AND PSA GROUP 2.0, 2.2 HDI/TDCI

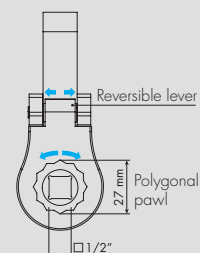


FORD

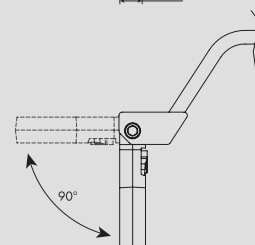
PSA

JAGUAR

Reversible pawl



Bented



- Polygonal wrench 27mm x 1/2" with switchable reversible head for dismantling and mounting oil filter plastic cover.
- Ideal to unscrew the plastic oil filter cap, in case of lack of space.
- Integrated reversing lever.
- Working angle of the pawl adjustable to 90°.
- Steel polygonal loop for maximum grip during use



Plastic oil filter cap



Technical data

27mm x 1/2"D
OEM code: 303-1579

Jaguar application:

Models: Jaguar, Jaguar XF
Engines: 2.0 - 2.2D

Citroën application:

Models: C4 Picasso > Sept 2010, C5 > 2010, C5 Mk2 > oct 2010, C8 > 2010, DS4 > 2011, DS5 > 2011
Engines: 2.0 HDi 16v 163hp, 2.0 HDi 16v, 2.2 Hdi, 2.0 HDi

Peugeot application:

Models: 308 > 2011, 3008 > July 2009, 5008 > Dec 2009, 407 > 2010-2011, 407 Coupé 2009-12, 508 > oct 2010, 508 > oct 2010, RCZ > April 2010
Engines: 2.0 16v HDi 163hp, 2.0 16v HDi, 2.0 HDi, 2.2 HDi GT, 2.0 HDi

Ford application:

Models: Mondeo Mk3 > 2010, Mondeo Mk3 > Dec 2010, C-Max/C-Max > 2010, Galaxy Mk3 > 2010, Galaxy Mk2 > 2010, S-Max > 2010, S-Max > 2010, Kuga > 2010
Engines: 2.0 TDCi 163 hp, 2.2 TDCi, 2.2 TDCi

Engine code: DW10 - DW12

GO CODE **639**
with 1 pcs. **kg** 0,5 kg



TOOL FOR THE REMOVAL OF HENN CLAMPS, ADJUSTABLE

UNIVERSAL



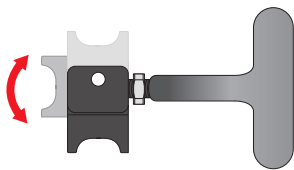
Application

Universal use on vehicles – SUVs - Vans and Motorcycles

E.g.: VAG, Volvo, Toyota/Lexus, PSA, Ford, Mercedes, BMW, Nissan, Fiat, Mazda, Renault/Dacia, Kia, etc.



- Special tool to release/loosen the Henn clamps to a professional standard.
- Model with adjustable head, allows access even in areas difficult to reach.
- The Henn clamps are used in the automotive sector on the water pipes in the cooling system and in the radiators.



Technical data

- Head can be adjusted 90° to the left and to the right and can be locked.
- Total length 95mm



CODE

810



with 1 pcs.



0,15 kg



QUICK-FIT PLIER

UNIVERSAL

- The flexible quick-fit pliers are designed to open quick connectors.

Technical data

- Material: steel hardened
- Weight: 500 g
- Length: L = 250 mm
- Cable length: L = 590 mm
- Caliper head: L = 80 mm
- Plier opening: 27 mm +/- 2



CODE

805



with 1 pcs.



0,5 kg



SOK SOCKETS SET

UNIVERSAL

- The SOK sockets are designed to open the SOK-FBS clamps.



Application

SOK-FBS clamps type II and type III. Universal for AUTO and transporter.



Technical data

- Socket straight: L = 125 mm
- Socket 90°: L = 110 mm



CODE

806



with 1 pcs.



0,4 kg



TOOL FOR ABSORBED PUMP RING NUT



FCA



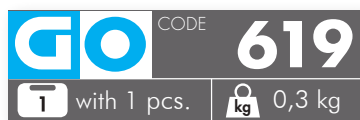
Models

FIAT: Panda, 500, 500L, 500L living, 500L MPW, Freemont
ALFA: 159, Brera, Spider T.T., Mito
LANCIA: Y
JEEP: Renegade

Engines

0.9 TWINAIR
1.4 16V
2.0 MJ
2.4 16V
3.6 16V

- Tool for disassembling / tightening the absorbed pump fixing ring nut.



CODE

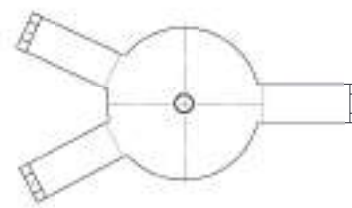
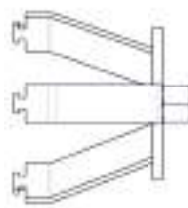
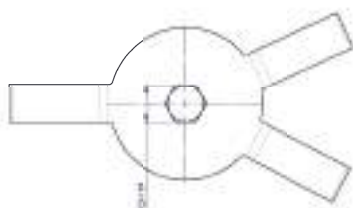
619

1

with 1 pcs.

kg

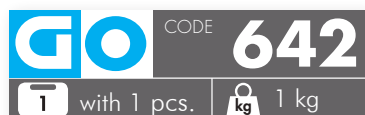
0,3 kg



PLIER FOR AUTOMATIC FUEL CONNECTION



- Special plier with specific grip for dismounting automatic fuel connection.



CODE

642

1

with 1 pcs.

kg

1 kg



OIL FILTER REMOVER SET FOR FCA GROUP



1.3 MJ

FCA

OPEL

SUZUKI

Application

FCA Group 1.3 MJ 16V: Punto, Panda, Idea, Stilo, Doblo, Ypsilon, Musa
Opel 1.3 CDTi: Corsa, Agila
Suzuki 1.3 DDiS 16V: Ignis, Vagon R+



CODE

641

1

with 1 pcs.

kg

1 kg



CARBURETOR FLOAT REMOVER KIT



- Carburetor float remover equipped with 5 series of extensions, that include also PSA Group and Renault models.
- It covers different diameters: from min. 70 to max. 170 mm

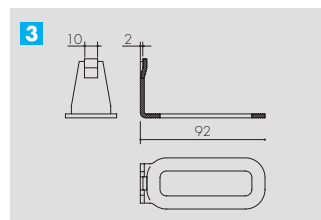
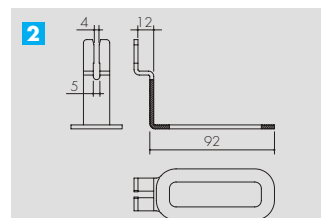
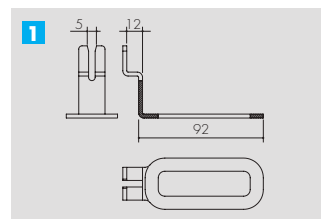
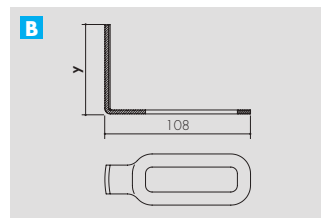
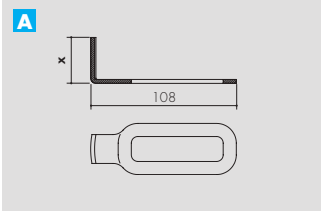


Components

- 1 x plasticized extractor set - L = 30-33-36 mm **A**
- 1 x plasticized extractor set - L = 65-68-71 mm **B**
- 1 x extractor set for Peugeot - Model **2**
- 1 x extractor set for Peugeot - Model
- 1 x extractor set for Peugeot - Model **3**

PSA

RENAULT



CODE

645

1 with 16 pcs.

kg 1,9 kg



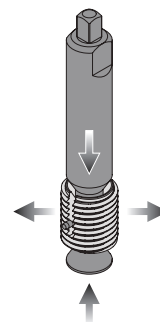
SET OF ENGINE OIL DRAIN PLUGS



UNIVERSAL



- Fast, professional and simple solution that avoids replacing the oil sump.
- This Kit offers the user two options:
 - 1** To re-mill the damaged seal seat on the oil sump
 - 2** Use of the oil drain plug for repairs
- The supplied set already includes a small stock of normal O-Rings and/or copper rings for subsequent oil changes.



Application 1

The sealing seat is precisely regenerated with the help of the milling cutters and the hand knob-expanders, also restoring the 90° angle with respect to the oil sump thread.

Application 2

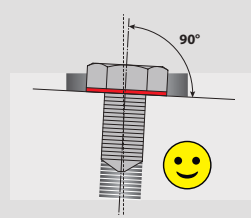
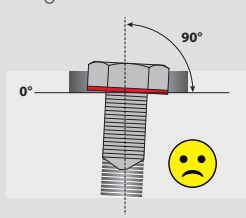
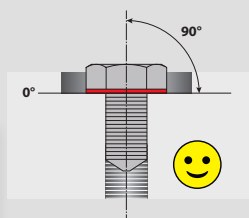
The oil drain plugs included in the set are made up of two parts. The outer part is equipped with the original thread of the original drain plug. The thread is slightly conical, a shape that ensures a stable and tight fitting even in the case of a slightly damaged oil sump thread.

Normal installation seal seat exactly flat, the thread is 90° respect to the sealing surface.

Defective seal seat, no longer flat! Thread alignment not exactly at 90° respect to the sealing surface.

Situation after having used the re-milling set, seal seat aligned again at 90° respect to the sealing surface.

GO CODE **609**
with 29 pcs. **1 kg** 2 kg

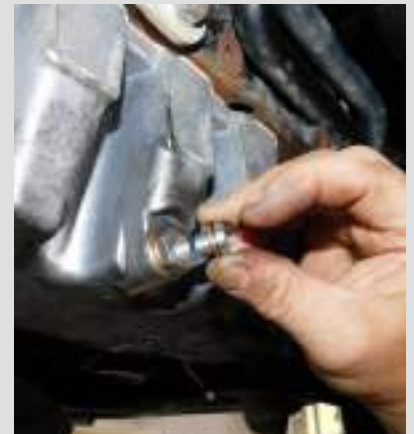




OIL DRAIN PLUG REPAIR INSERT RANGE

UNIVERSAL

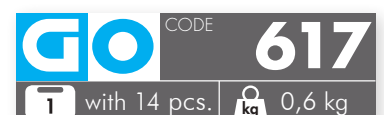
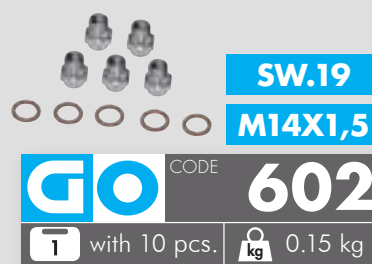
Fast, professional and simple solution saves the replacement of the oil pan!



- To replace the original oil drain plug if the thread in the oil pan is damaged.
- Use of the repair oil drain plug
- The repair oil drain plug consists of two parts. The outer part is equipped with the original oil drain plug thread. The thread is slightly conical, which ensures a firm and tight connection, even with damaged oil pan thread. This connection does not have to be opened at later oil changes. From now, oil is drained on the small central screw. A small supply of commercially available copper or O-rings for later oil changes is already included.

Components

- 3 x repair oil drain plug conical, M12x1.5
- 3 x repair oil drain plug conical, M14x1.5
- 3 x repair oil drain plug conical, M16x1.5
- 3 x repair oil drain plug conical, M18x1.5
- 1 x copper sealing rings Ø10mm (25 pcs.)
- 1 x O-rings Ø1 / 4" (5 pcs.)





OIL DRAIN PLUG VALVE SEAT FACE MILLING TOOL



UNIVERSAL

Fast, professional and simple solution saves the replacement of the oil pan!



- Needed to ensure an optimal sealing of the oil drain plug to the oil pan!
- Reaming the damaged valve seat on the oil pan: with the help of the milling heads and the expander pilots, the valve seat is precisely adjusted with minimal expenditure of time and at the same time aligned at a 90° angle to the oil pan thread.
- Optimal also for the use of oversized oil drain plugs, as there is often the problem that the free-hand operated oversize thread cutter does not work exactly 90° to the sealing surface.
- The scheduled adjustment of the valve seat is recommended for every oil change!

Components

4 x milling head with 3/8" 4-edge drive,
Ø19mm / Ø21mm / Ø23mm / Ø26mm
1 x hand knob with 3/8" 4-edge
1 x mounting pilot for expander inserts
2 x expander insert M12x1.5 / M13x1.5
2 x expander insert M14x1.5 / M15x1.5
2 x expander insert M16x1.5 / M17x1.5
2 x expander insert M18x1.5 / M20x1.5
2 x actuation keys



GO	CODE	618
1	with 15 pcs.	kg 2,5 kg



MANUAL ENGINE SUPPORT

330 KG


- It should be positioned on the wheel arches, adjusting the length by means of the appropriate side arms.
- It is designed to fit on the wheel arch of any type of vehicle thanks to the possibility of inclination of the side supports.
- Designed for servicing: gearbox, clutch, valve timing, replacement of engine mountings, engine oil seals, and bodywork.

GO	CODE	648
1	with 1 pcs.	kg 13,3 kg

**STANDARD
VERSION**

GO	CODE	649
1	with 1 pcs.	kg 14,7 kg

**LONG
VERSION**

Technical data

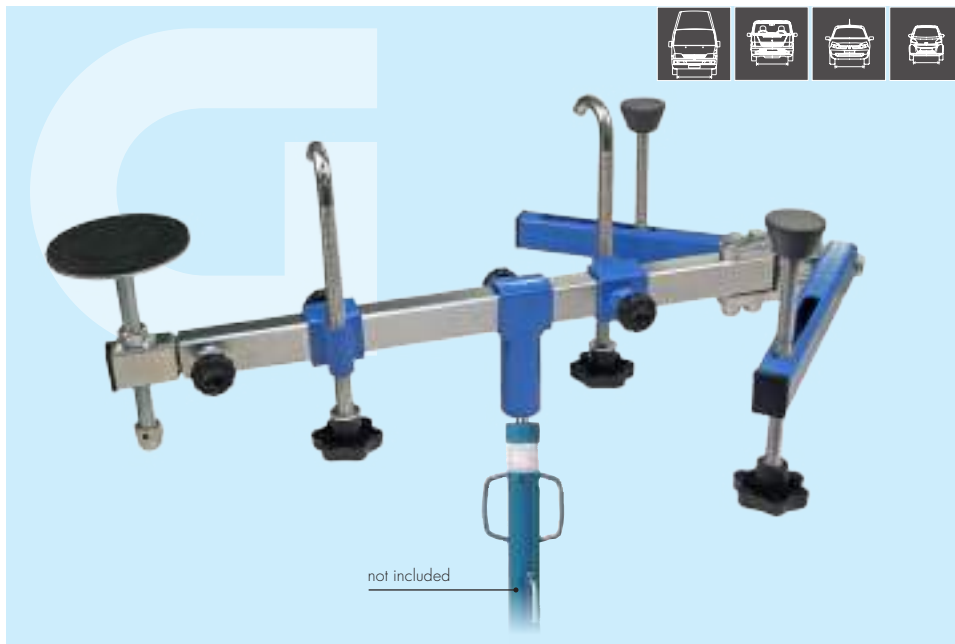
- Extended width: min. 700 mm / max. 1480 mm
- Capacity: 330 Kg
- Length: 1,5 m

Technical data

- Extended width: min. 700 mm / max. 1720 mm
- Capacity: 330 Kg
- Length: 1,75 m

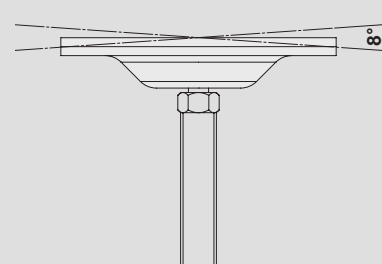


ENGINE AND GEARBOX SUPPORT - 240 Kg



UNIVERSAL

240 KG



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



- This special device allows to support the engine when the side engine bracket is removed, e.g. during maintenance work on thrust bearings, timing belts, water pumps or tensioner rollers.
- Equipped with two sliding hooks to fit to underbody of vehicles.
- After loosening the engine mount, the engine support safely holds the vehicle engine in the engine 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.

Technical data

- Telescopic arm (to 230 mm).
- Load capacity 240 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.



INCLUDED:

the tool that allows to place the device firmly and balanced on a jack lift

GO CODE **640**

1 with 1 pcs. **kg** 11 kg

§ PATENTED

STANDARD

GO CODE **646**

1 with 1 pcs. **kg** 12 kg

§ PATENT PENDING

PLUS



ENGINE AND GEARBOX SUPPORT - 400 Kg



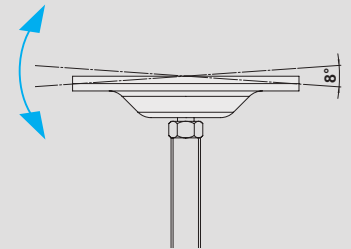
UNIVERSAL

400 KG

Features

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 nonslip rubber



- 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.



Technical data

- 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

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GO

CODE

647

1 with 1 pcs.

16 kg

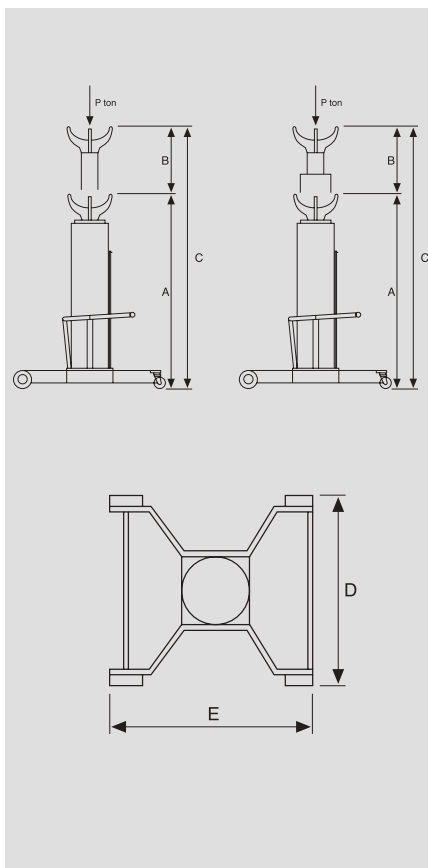
§ PATENTED



TRANSMISSION JACK



UNIVERSAL 0,6 TON



- This jack are designed and manufactured for the use in pit or under two or four post lift, to remove and install engine, gearboxes and heavy parts of the veichles.
- Solid strong structure, on four wheels, guarantee stability in all the correct operating position.
- All the models are supplied with the suitable plates.

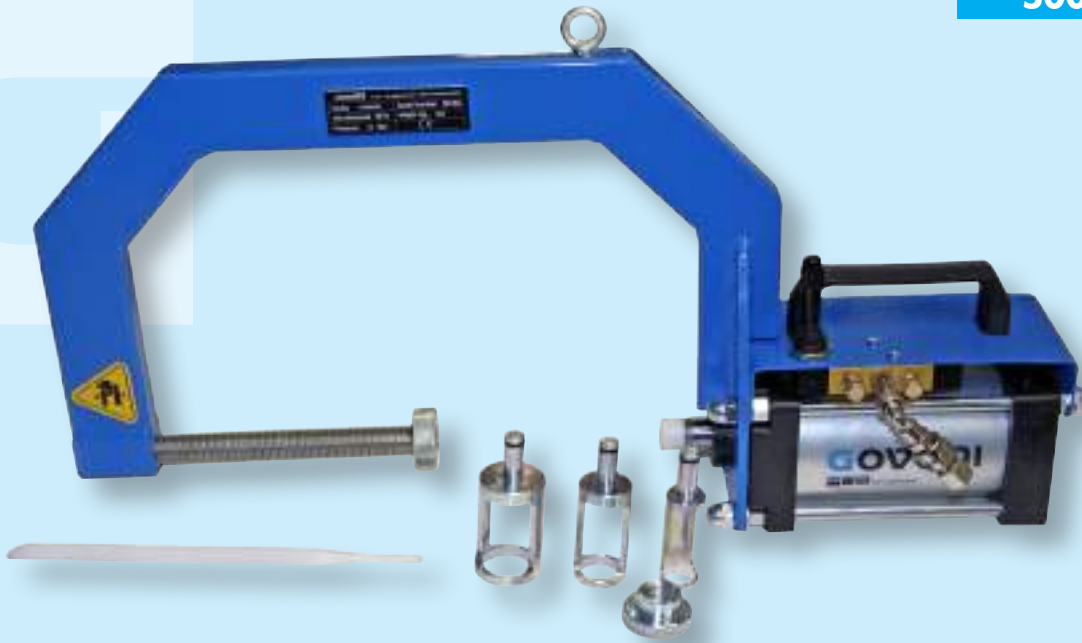


TON	A	B	C	D	E
0,6	1150	850	2000	350	500

GO CODE **1450**
1 with 1 pcs. 35 kg



VALVE SPRING COMPRESSOR

500 Kgf


- Operates on springs from 19 mm. to 50 mm. (3/4" to 2") diameter. Quick and precise adjustment in millimeters increments thanks to its locking handle.
- Cylinder stroke is 90 mm. (3" 1/2) to provide compression of any spring type whilst protecting the user.
- It needs only 6 bar (90 psi) of compressed air to operate. With a working pressure of 10 bar (145 psi) the Spring Compressor force is 500 Kgf (1.102 lbf).
- The cylinder is made in light alloy and nylon resin with fiberglass, avoiding the corrosion and the oxidation of the parts of the machine.
- Heavy-duty frame is CNC-machined and made of quality steel.
- The drive valve can function only when the Spring Compressor is connected to the compressed air system. Consequently the machine can be disconnected while the spring is compressed without dangers, assuring the maximum safety

Technical data

- Dimensions: 630x300x95 mm
- Pack dimensions: 485x375x185 mm
- Machine weight: 7,2 Kg

- 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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on YouTube

GO

CODE

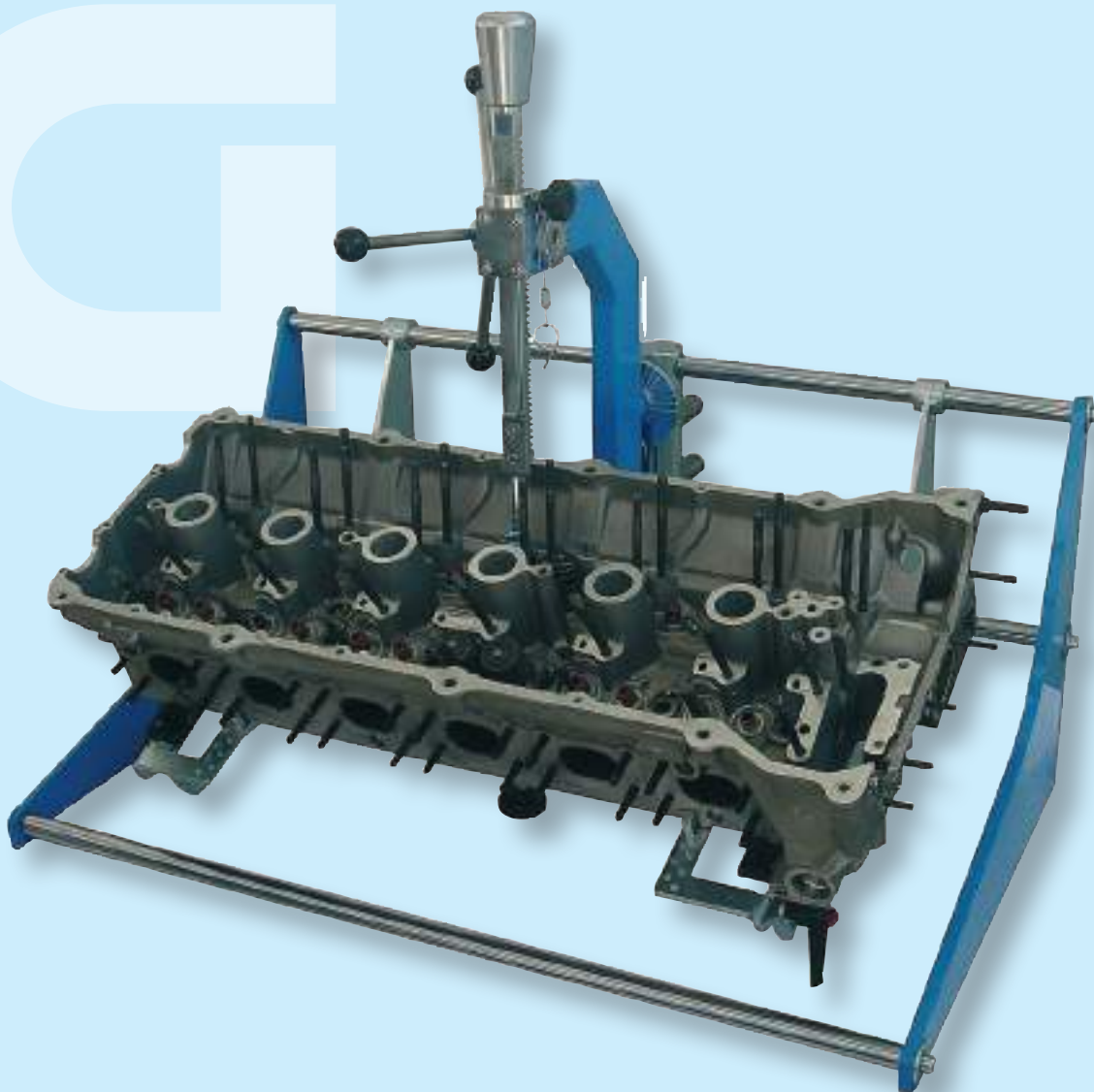
975

1 with 6 pcs.

kg 8,5 kg



MANUAL VALVE SPRING COMPRESSOR BENCH



- The two head supports are implemented with non-scratch plastic material and are adjustable from 0 to 30°. There are two handles for locking when the right inclination is set.
- It is also possible to regulate the horizontal position of the head moving the pins to the apposite holes up and down. There is a long regulation also for the push rod in case of deep valve chambers. The frame can be rotated 30° on both sides.
- Moreover can be regulated also forward and backwards. In case of valves locked hard into the seat, hit on the slide hammer on the top with a plastic mallet. The bench is also provided with a travel limit device that guarantees the same stroke for each valve.
- Meanwhile the valve spring is compressed, the operator can block the position using the apposite pin. Consequently he can work on the valves having both hands free.

**Technical data**

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

Application

Cars and commercial vehicles

GO	CODE	950
1	with 1 pcs.	kg 28,5 kg

G + UPGRADE OPTION + **PRESSURE FOOT**

Ø23,5 mm

**Technical data**

- Ø 23,5 mm

GO	CODE	951
1	with 1 pcs.	kg 0,1 kg

G + UPGRADE OPTION + **PRESSURE FOOT**

Ø40 mm

**Technical data**

- 40 mm

GO	CODE	952
1	with 1 pcs.	kg 0,2 kg

G + UPGRADE OPTION + **PRESSURE FOOT**

Ø32 mm

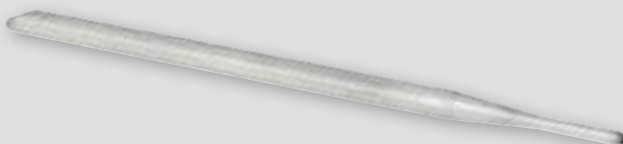
**Technical data**

- Ø 32 mm

GO	CODE	953
1	with 1 pcs.	kg 0,1 kg

G + UPGRADE OPTION + **MAGNETIC PICK-UP TOOL**

- Handy tool in plastic material with magnet.
- Used to pick up loose parts easily, especially in narrow and difficult areas.

**Technical data**

- Length: 165 mm

GO	CODE	954
1	with 1 pcs.	kg 0,1 kg

G + UPGRADE OPTION + **VALVE KEEPERS SET**

- The valve keeper installation tool is especially designed for multi groove keepers.

Componenti

- 1 x valve keeper tool 5 mm
- 1 x valve keeper tool 6 mm
- 1 x valve keeper tool 7 - 8 mm



GO	CODE	955
1	with 3 pcs.	kg 0,3 kg



VALVE SPRING COMPRESSOR



- Universal pneumatic tool for assembling and disassembling engine valves, suitable for all types of valves on petrol and diesel engines.
- Practical and easy to use, it permits time saving up to 60 - 70%, especially during valve assembly.
- Appositely made for engines with 4/5 valves for cylinder.

GO CODE **970**
1 with 13 pcs. 4,2 kg

125 Kgf

Technical data

- CE approved machine in compliance with 2006/42/CE (Machine Directive).
- Case dimensions: 485x375x135 mm
- Machine weight: 5 Kg
- Working pressure: min 6 bar., max 10 bar
- Power: 6 bar=75 Kg, 10 bar=125 Kgf

GO CODE **960**
1 with 13 pcs. 4,2 kg

196 Kgf

Technical data

- CE approved machine in compliance with 2006/42/CE (Machine Directive).
- Case Dimensions: 485x375x135 mm
- Machine weight: 6 Kg
- Working pressure: min 6 bar, max 10 bar
- Power: 6 bar=118 Kg, 10 bar=196 Kgf



KEY CYLINDER CNG VALVE

FIAT



Application

Multipla 1st serie (laser marking 311107003)

1 with 1 pcs.

kg 2 kg



KEY CYLINDER CNG VALVE

FIAT

CITROËN



Application

Multipla 2nd serie, Doblò, Iveco, Punto
Citroën (laser marking 311107004)

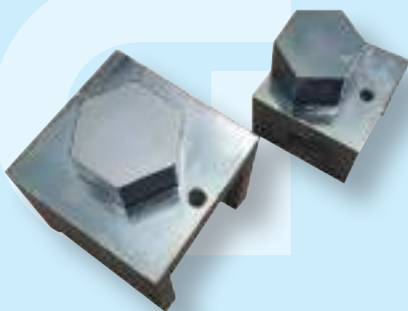
1 with 1 pcs.

kg 2,2 kg



KIT OF KEY CYLINDER CNG VALVE

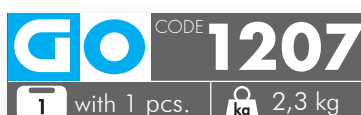
CITROËN



Components

1 x key cylinder valve - small (laser marking 311173001)
1 x key cylinder valve - big (laser marking 311173002)

Application Technical data

Citroën: C3
Engine: 1.4i• Connection
CH.36

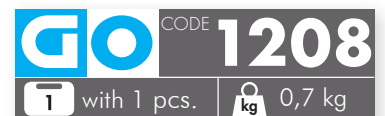
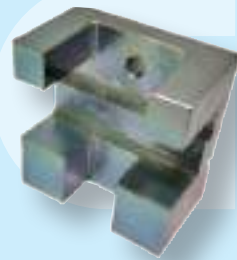
1 with 1 pcs.

kg 2,3 kg



KEY CYLINDER CNG VALVE - SMALL

CITROËN



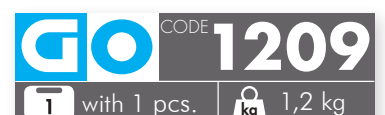
1 with 1 pcs.

kg 0,7 kg



KEY CYLINDER CNG VALVE - BIG

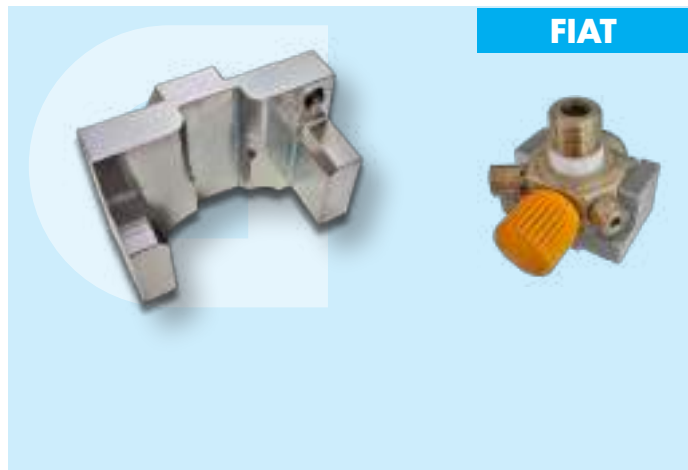
CITROËN



1 with 1 pcs.

kg 1,2 kg

G KEY CYLINDER CNG VALVE



FIAT

Application

Fiat: Panda, Panda VAN, Grande Punto (mod. 199)
Engine: 1.2

GO	CODE	1210
1	with 1 pcs.	kg 0,7 kg

Technical data
Connection CH.36

G KEY CYLINDER CNG VALVE



FCA

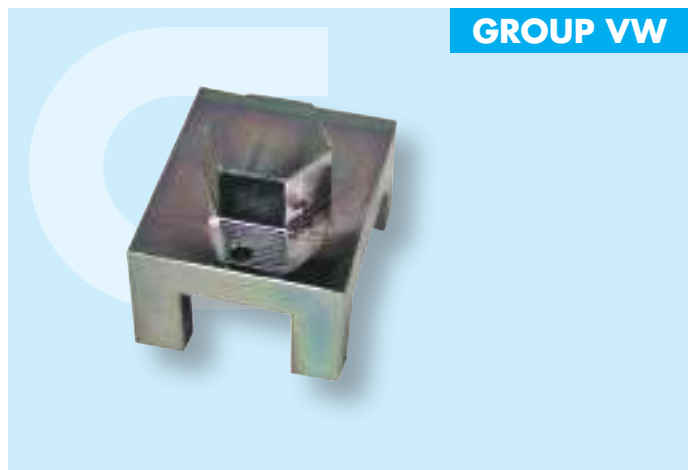
Application

Fiat Panda
0.9 TwinAir Turbo Natural Power CNG/2012-2017
Fiat 500L/500L Living/500L MPW
0.9 TwinAir Turbo Natural Power CNG/2013-2017
Lancia Ypsilon
0.9 TwinAir Turbo Natural Power CNG/2012-2017

GO	CODE	1211
1	with 1 pcs.	kg 0,6 kg

Technical data
Connection CH.36

G KEY CYLINDER CNG VALVE



GROUP VW

Application

VW: Touran, Caddy, Passat
Engine: 1.4 TSi, 2.0i

GO	CODE	1213
1	with 1 pcs.	kg 1,1 kg

Technical data
• Connection CH.36

G KEY CYLINDER CNG VALVE



MERCEDES

Application

Mercedes: NGT models

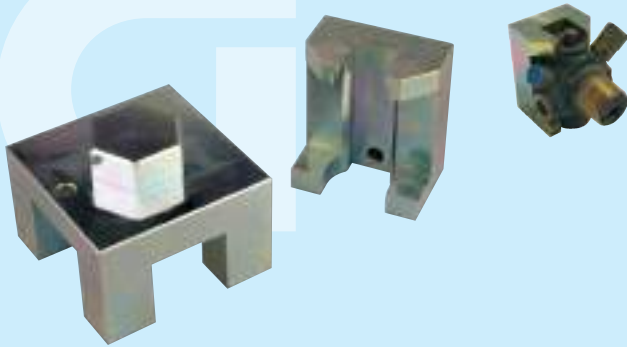
GO	CODE	1214
1	with 1 pcs.	kg 1,3 kg

Technical data
• Connection CH.36



KIT OF KEY CYLINDER CNG VALVE

OPEL



Components

1 x key cylinder CNG valve - Zafira 1st serie (laser marking 311108003)
 1 x key cylinder CNG valve Multipla 2nd serie, Combo (laser marking 311108004)

CODE **1201**

with 2 pcs.



2,8 kg

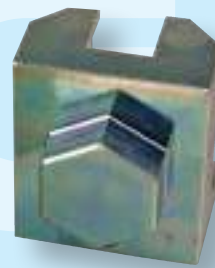
Technical data

- Connection CH. 36



KEY CYLINDER CNG VALVE

OPEL



Application

Zafira 1st serie (laser marking 311108003)

CODE **1202**

with 1 pcs.

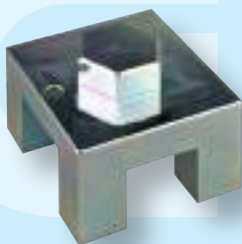


0,7 kg



KEY CYLINDER CNG VALVE

OPEL



Application

Multipla 2nd serie, Combo (laser marking 311108004)

CODE **1203**

with 1 pcs.



1,5 kg



KIT OF KEY CYLINDER CNG VALVE

FIAT

CITROËN



Components

1 x key cylinder CNG valve - Multipla 1st serie
 1 x key cylinder CNG valve Multipla 2nd serie, Doblò, Iveco, Punto, Citroën

CODE **1204**

with 2 pcs.



4,6 kg

Technical data

- Connection CH. 36



SUPPORTS FOR CNG TANKS

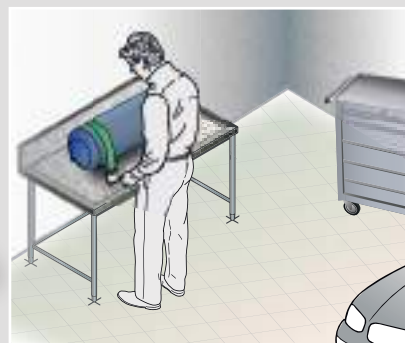


- These special universal supports are needed to fix the CNG tanks in order to make easy and speed up tanks valves disassembling and assembling.
- Bench, trolley and wall-mounted applications.
- The kit is equipped with N.2 fixing supports + straps to fix/hold the tanks.

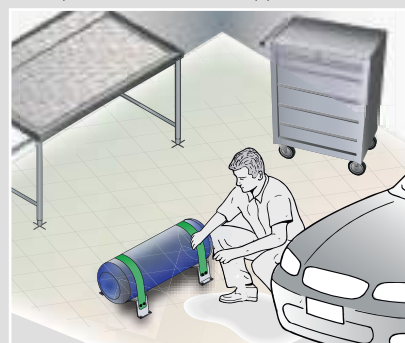


Application

Bench



Trolley and wall-mounted applications



Wall-mounted applications



GO CODE **1200**
1 with 2 pcs. 13,5 kg

Components

2 x fixing supports and straps to fix/
hold the tanks

Technical data

- Strap ribbon with tum buckle 1.250 mm
- Ribbon width 50 mm

- CNG tanks Ø 180 ÷ Ø 400
- Capacity 2000 kg

FIND ALL APPLICATIONS



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OE tool search, engine
code, model

24H/7
WEB SERVICE

G KIT FOR THE BALANCE SHAFTS OF

BMW

MINI

PSA



GO CODE **713**

T with 5 pcs.

kg 2,3 kg

G TIMING TOOL SET SUITABLE FOR

BMW



GO CODE **744**

T with 6 pcs.

kg 2,7 kg

BMW Serie 1 (E81/82/87/88), Serie 3 (E46), Serie 3

MINI Mini (R56/R57) One, Mini (R56/R57) Cooper, Clubman (R55) One, Clubman (R55) Cooper

PSA C4, C4 Picasso, C3, C3 Picasso, 207, 207CC, 308, 3008, 5008



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

BMW Serie 1 (E81/82/87/88), Serie 3 (E46), Serie 3 (E90/91/92/93)

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G TIMING TOOL SET SUITABLE FOR

BMW

MINI



GO CODE **706**

T with 6 pcs.

kg 1,3 kg

BMW X1 2.0 (E84), X3 2.0 (E83, F25), Serie 1 1.6 (F20/21); Serie 1 2.0 (E81/82/87/88, F20), Serie 3 2.0 (E90/91/92/93), Serie 5 2.0 (E60/61, F10/11)

MINI Mini 1.6 - 2.0 (R56/57); Clubman 1.6 und 2.0 (R55); Countryman 1.6 und 2.0 (R60); Coupe 2.0 (R58), Paceman 1.6, 2.0 (R61), Clubvan 1.6, 2.0 (R55)



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

BMW



GO CODE **737**

T with 11 pcs.

kg 4,3 kg

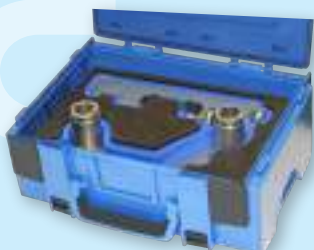
BMW Serie 3, Z3, Serie 5, Z4, X3, 7 Series, X5



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G KIT FOR THE BALANCE SHAFTS OF BMW



GO CODE **723**
 with 2 pz.
 3,5 kg

BMW

Serie 1 (E81/82/87/88), Serie 1 (F20/21), Serie 2 Coupe (F22), Serie 3 (E90/91/92/93), Serie 3 (F30/31), Serie 3 Gran Turismo (F34), Serie 4 Cabriolet (F33), Serie 4 Coupe (F32), Serie 4 Gran Coupe (F36), Serie 5 (E60/61), Serie 5 (F10/11), Serie 5 Gran Turismo (F07), X1 (E84), X3 (E83), X3 (F25), X5 (F15)



See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR BMW



GO CODE **769**
 with 7 pcs.
 2,3 kg

BMW

Serie 1, Serie 3, X3, Z4



See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR MINI



GO CODE **855**
 with 9 pcs.
 2,5 kg

MINI

Cooper, Cooper S, Cooper S.J.C.W., One



See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR MINI PSA



GO CODE **701**
 with 10 pcs.
 2,3 kg

MINI

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

PSA

Berlingo 3, C3 3, C3 Picasso, C4/C4 Picasso/Grand Picasso, 207, 208, 307, 308, 508, 2008, 3008, 5008

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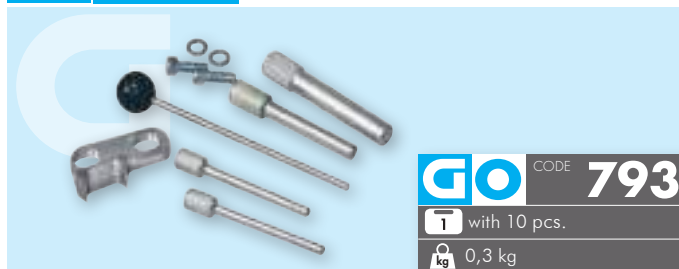
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G LOCKING TOOL SUITABLE FOR BMW



BMW Serie 1, Serie 3, Serie 5, X3, Serie 5 Gran Turismo, X1, Serie 2 Coupe, Serie 3 Gran Turismo, Serie 4 Cabriolet, Serie 4 Coupe, Serie 4 Gran Coupe, 7 Series, X4, X5, X6

G TIMING TOOL SET SUITABLE FOR MINI



MINI Mini (R56/57), Clubman (R55)



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

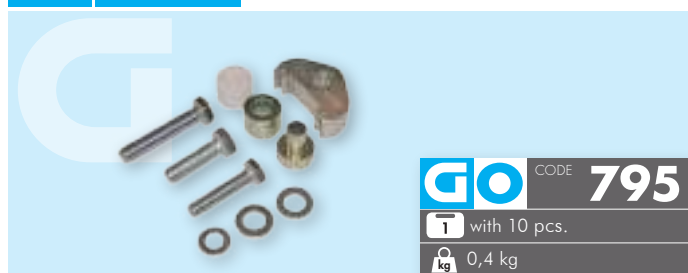
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR BMW



BMW Serie 3, Serie 4/Coupe, Serie 5/Grand Turismo, Serie 6/Grand Coupe, Serie 7, X3, X5, X6

G TIMING TOOL SET SUITABLE FOR BMW



BMW Serie 1, Serie 2 Cabriolet, Serie 2 Coupe, Serie 3, Serie 3 Gran Turismo, Serie 4 Cabriolet, Serie 4 Coupe, Serie 4 Gran Coupe, Serie 5, X1, X3, X4, Z4



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

BMW

LAND ROVER

MG

ROVER

GO CODE **742**

1 with 8 pcs.

kg 1,2 kg

BMW Serie 3, Serie 5, Serie 1, X3, 7 Series, X5, X6**LAND ROVER** Freelander, Range Rover**MG** ZT/ZT-T**ROVER** 75See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING PLATE SUITABLE FOR

BMW

GO CODE **747**

1 with 1 pcs.

kg 1,1 kg

BMW Serie 3, Serie 5, Z3, Z4, X3, 7 Series, X5See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

BMW

GO CODE **743**

1 with 2 pcs.

kg 0,2 kg

BMW Serie 1, Serie 3, Serie 5, Serie 7, X3, X5, X6See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

BMW

GO CODE **710**

1 with 4 pcs.

kg 2 kg

BMW 735i (E65/66), 540i (E60/61), 740i (E65/66), 545i (E60/61), 650i (E63/64), 745i (E65/66), X5 4.4 (E53), X5 4.8 (E53), 550i (E60/61), 650i (E63/64), 750i (E65/66), X5 4.8 (E70), 760 (E65/66)

See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	6.0

G TIMING TOOL SET SUITABLE FOR BMW



BMW Serie 1: 116i, 118i, 120i (E81/82/87/88), Serie 3: 316i, 318i, 320i (E90/91/92/93), Serie 5: 520i (E60/61)

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR BMW MINI



BMW Serie 1, Serie 2 Active Tourer, Serie 2 Cabriolet, Serie 2 Coupe, Serie 2 Gran Tourer, Serie 3, Serie 3 Gran Turismo, Serie 4 Cabriolet, Serie 4 Coupe, Serie 4 Gran Coupe, Serie 5, Serie 7, i8, X1

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR BMW



BMW Serie 1, Serie 2 Cabriolet, Serie 2 Coupe, Serie 3, Serie 3 Gran Turismo, Serie 4 Cabriolet, Serie 4 Coupe, Serie 4 Gran Coupe, Serie 5, Serie 5 Gran Turismo, Serie 6, Serie 6 Gran Coupe, Serie 7, X1, X3, X4, X5, X6, Z4

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

CHRYSLER JEEP



GO CODE **722**

1 with 7 pcs.

kg 0,6 kg

CHRYSLER Grand Voyager

JEEP Cherokee

LDV Maxus

G TIMING TOOL SET SUITABLE FOR

FCA



GO CODE **726**

1 with 6 pcs.

kg 1 kg

ALFA 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

LANCIA Lybra, Thesys



See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

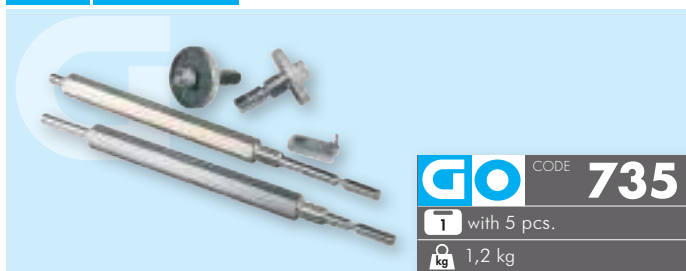


See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

FCA



GO CODE **735**

1 with 5 pcs.

kg 1,2 kg

FIAT Punto, Brava, Bravo, Marea, Marea Weekend/Marengo, Idea, Palio Weekend, Punto/Punto Classic, Stilo, 500L, Doblo, Doblo

LANCIA Ypsilon, Musa

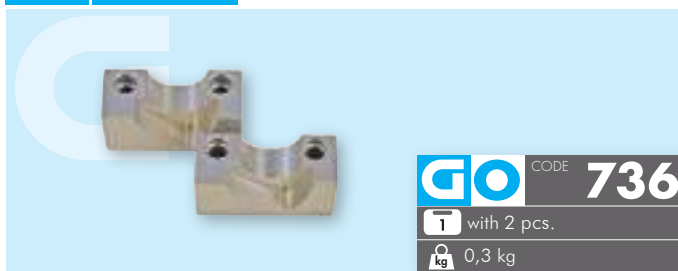


See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

ALFA



GO CODE **736**

1 with 2 pcs.

kg 0,3 kg

ALFA 147



See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR
FCA PSA FORD



FIAT	Ducato
IVECO	Daily, Massif, Campagnola
PEUGEOT	Boxer III
CITROËN	Relay/Jumper III
FORD	Transit

G TIMING TOOL SET SUITABLE FOR
ALFA



ALFA	156, GT, GTV, Spider
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See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR
FCA



ALFA	Giulietta, Mito
FIAT	Punto, Punto Evo

G TIMING TOOL SET SUITABLE FOR
FCA CHRYSLER



ALFA	Mito
FIAT	500/500C, Panda, Punto, 500L/500L Living/500L MPW
CHRYSLER	Ypsilon

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

0.9	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

FCA

CHRYSLER



GO CODE **752**
 1 with 9 pcs.
 1,7 kg

ALFA	Mito
FIAT	500/500C, Grande Punto, Panda, Panda/Panda Classic, Punto, Punto Evo, Palio, Palio Weekend, Punto/Punto Classic, Strada Pick-up, Doblo, Doblo Cargo, Fiorino, Idea, Linea, Qubo
LANCIA	Ypsilon, Musa
CHRYSLER	Ypsilon

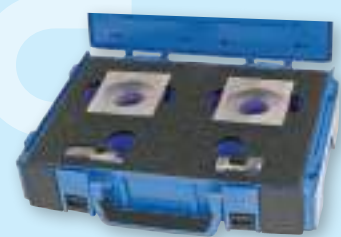


See all engine APPLICATIONS on the **THE TOOL FINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

ALFA



GO CODE **754**
 1 with 6 pcs.
 0,6 kg

ALFA	GTV, Spider, 156, 145, 146, 147, 166, 155
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See all engine APPLICATIONS on the **THE TOOL FINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

FCA



GO CODE **703**
 1 with 10 pcs.
 2,2 kg

ALFA	147, 156, Mito, 145, 146, 166, Crosswagon, GT, 159, Brera, Spider, Giulietta
FIAT	500/500C, Panda/Panda Classic, Brava, Bravo, Marea, Marea Weekend/Marengo, Multipla, Doblo, Doblo Cargo, Palio Weekend, Punto/Punto Classic, Strada Pick-up, Idea, Stilo, Ritmo, Doblo Work Up, Linea, Fiorino, Grande Punto, Punto Evo, Qubo, Panda, Punto, 500L, Croma, Freemont, Sedici
LANCIA	Musa, Ypsilon, Delta, Lybra, Kappa, Thesis
CHRYSLER	Delta, Ypsilon
SUZUKI	SX4, Ignis, Swift, Wagon R+, Splash
OPEL/VAUXHALL	Agila, Combo-C, Corsa-C, Corsa-D, Meriva-A, Tigra-B, Astra-H, Zafira-B/Zafira Family, Agila-B, Signum, Vectra-C
SUBARU	Justy G3X
SAAB	9-3, 9-5
FORD	Ka



See all engine APPLICATIONS on the **THE TOOL FINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR FCA



GO CODE **738**
T with 5 pcs.
kg 2 kg

FIAT Palio Weekend, Brava, Bravo, Marea, Marea Weekend/
Marengo, Multipla, Doblo, Doblo Cargo, Stilo
LANCIA Dedra, Delta, Lybra



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR FIAT IVECO



GO CODE **741**
T with 4 pcs.
kg 0,8 kg

FIAT Ducato
IVECO Daily



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR FCA



GO CODE **702**
T with 6 pcs.
kg 1,5 kg

ALFA Mito
FIAT 500/500C, Panda/Panda Classic, Doblo, Doblo Cargo,
Idea, Punto/Punto Classic, Fiorino, Grande Punto, Punto
Evo, Qubo, Doblo Work Up, Linea, Panda, Punto, Strada
Pick-up
LANCIA Musa, Ypsilon
CHRYSLER Ypsilon
SUZUKI Ignis, Swift, Wagon R+, Splash
OPEL/VAUXHALL Agila, Combo-C, Corsa-C, Corsa-D, Meriva-A, Tigra-B,
Astra-H, Zafira-B/Zafira Family, Agila-B
SUBARU Justy G3X



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR FIAT



GO CODE **826**
T with 1 pcs.
kg 0,5 kg

FIAT Punto, Palio, Palio Weekend, Strada Pick-up



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

FCA

CHRYSLER


GO CODE **786**

with 8 pcs.

1,4 kg

ALFA Mito, Giulietta

FIAT 500/500C, Panda/Panda Classic, Punto, Brava, Bravo, Marea, Marea Weekend/Marengo, Idea, Tipo Palio Weekend, Punto/Punto Classic, Stilo, Ritmo, Doblo, Doblo Cargo, Grande Punto, Linea, 500L

LANCIA Ypsilon, Musa, Delta

CHRYSLER Delta

 See all engine APPLICATIONS on the **THE TOOL FINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G BELT TENSIONER SUITABLE FOR

FIAT


GO CODE **859**

with 1 pcs.

0,1 kg

Diametro: Ø 2,5 mm



G BELT TENSIONER SUITABLE FOR

FIAT


GO CODE **756**

with 1 pcs.

0,1 kg

Diametro: Ø 2 mm



G FLYWHEEL LOCKING TOOL SUITABLE FOR

FCA

CHRYSLER


GO CODE **812**

with 1 pcs.

0,2 kg

ALFA 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

CHRYSLER Delta

 See all engine APPLICATIONS on the **THE TOOL FINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G CAMSHAFT LOCKING TOOL

CHRYSLER


GO CODE **764**

with 1 pcs.

1 kg

CHRYSLER Voyager, Grand Voyager, Cherokee

 See all engine APPLICATIONS on the **THE TOOL FINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



TIMING TOOL SET SUITABLE FOR
FCA



GO CODE **860**
 1 with 9 pcs.
 3,5 kg

ALFA 159, 4C, Brera, Giulietta, Spider

ROMEO

LANCIA Delta



See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR **FORD** **MAZDA**



FORD Focus, Fiesta, Fusion, Puma, C-MAX, Focus C-MAX, Escort, Orion, Mondeo, Maverick
MAZDA 121, 2, Tribute

G TIMING TOOL SET SUITABLE FOR **FORD**



FORD Transit, Mondeo, Focus
HYUNDAI i10, i20, Accent, Getz
LAND ROVER Defender
KIA Picanto, Cerato, Rio

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR **FORD** **MAZDA** **VOLVO**



FORD Fiesta, Fusion, Focus, Focus C-Max, C-Max, B-Max, S-Max, Galaxy, Mondeo, EcoSport
MAZDA 2, 3
VOLVO S40 (03-10), S80 (07-10), V50 (06-10), V70 (07-10), C30 (06-10), C70 (06-10)

G TIMING TOOL SET SUITABLE FOR **FORD**



FORD B-Max, C-Max, EcoSport, Fiesta, Focus, Grand C-Max

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

Follow us on YouTube



G VARIABLE CAMSHAFT TIMING TOOL SET FORD



FORD C-MAX, Focus, Grand C-MAX, EcoSport, Fiesta, Tourneo Connect, Transit Connect, B-MAX



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR FORD MAZDA FCA



FORD Fiesta, Fusion, Focus, C-MAX, Focus C-MAX, Escort, Orion, Mondeo

MAZDA 121, 2

FIAT Ulysse

LANCIA Phedra



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR FORD VOLVO



FORD Focus, Fiesta, Fusion, C-MAX, B-MAX, Grand Tourneo Connect, Kuga, Mondeo, Galaxy, Puma, EcoSport

VOLVO S40, V40



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR FORD



FORD Focus, Galaxy, Mondeo, S-Max



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



TIMING TOOL SET SUITABLE FOR

FORD

MAZDA



GO CODE **778**

T with 19 pcs.

kg 2,3 kg

FORD

C-Max, Courier, Escort, Fiesta, Fiesta Econetic, Focus, Focus C-Max, Fusion, Mondeo

MAZDA

2, 3, 5



See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



TIMING TOOL SET SUITABLE FOR

FORD



GO CODE **864**

T with 13 pcs.

kg 3,2 kg

FORD

Tourneo Custom, Transit, Transit Custom



See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
MERCEDES JEEP



MB GLK, E-Class, E-Class Coupe/Cabriolet, GLK, C-Class, Sprinter, Vito, Viano, CLS, S-Class, C-Class Coupe, M-Class, B-Class, SLK, A-Class, CLA Coupe, GLA, V-Class, CLA Shooting Brake, GLE, GLC, Valente, SLC

JEEP Compass



See all engine APPLICATIONS on the THE TOOLFINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
MERCEDES RENAULT NISSAN DACIA



MB A-Class, B-Class, Citan, CLA Coupe, GLA

RENAULT Captur, Clio, Clio Campus, Clio Storia, Clio Collection, Clio Symbol, Fluence, Kadjar, Kangoo, Be Bop, Grand Kangoo, Laguna, Latitude, Megane, Modus, Grand Modus, Scenic, Grand Scenic, Thalia, Twingo

DACIA Logan, Logan MCV

NISSAN Almera, Cube, Evalia, Juke, Kubistar, Micra, Note, NV200, Pulsar, Qashqai, Qashqai+2, Tiida

See all engine APPLICATIONS on the THE TOOLFINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
MERCEDES



MB C-Class, C-Class Coupe, E-Class, E-Class Coupe/Cabriolet, SLK, CLC-Class, CLK, Sprinter

See all engine APPLICATIONS on the THE TOOLFINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **KIT FASATURA ADATTABILE A MOTORI**
MERCEDES JEEP



MB GLK, Classe E, Classe E Coupe/Cabriolet, GLK, Classe C, Sprinter, Vito, Viano, CLS, Classe S, Classe C Coupe, Classe M, Classe B, SLK, Classe A, CLA Coupe, GLA, Classe V, CLA Shooting Brake, GLE, GLC, Valente, SLC

JEEP Compass

Per ulteriori APPLICAZIONI consultare il THE TOOLFINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G

TIMING TOOL SET SUITABLE FOR

OPEL

CHEVROLET

GO

CODE

821

1

with 7 pcs.

kg

4 kg

OPEL

Corsa, Astra, Meriva, Zafira

CHEVROLET

Aveo

G

TIMING TOOL SET SUITABLE FOR

OPEL

CHEVROLET

GO

CODE

732

1

with 6 pcs.

kg

4 kg

OPEL

Corsa, Astra, Meriva, Zafira

CHEVROLET

Aveo

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G

TIMING TOOL SET SUITABLE FOR

OPEL

CHEVROLET

FCA

GO

CODE

728

1

with 6 pcs.

kg

0,8 kg

OPEL

Corsa-D, Astra-GH, Meriva-A, Zafira-B, Zafira-C Tourer, Vectra-C, Signum, Insignia, Vectra-C

CHEVROLET

Aveo, Cruze, Orlando

ALFA

159

FIAT

Croma

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G

TIMING TOOL SET SUITABLE FOR

OPEL

CHEVROLET

VAUXHALL

GO

CODE

782

1

with 9 pcs.

kg

2 kg

OPEL/
VAUXHALL

Antara

CHEVROLET

Lacetti, Nubira, Captiva, Epica, Cruze

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

207

G **TIMING TOOL SET SUITABLE FOR**
OPEL **VAUXHALL** **SUZUKI** **HOLDEN**



OPEL	Corsa-B, Astra-G, Agila, Corsa-C, Corsa-D, Astra-G Classic II, Astra-H, Combo-C, Meriva-A, Tigra-B
SUZUKI	Wagon R+
HOLDEN	Barina, Combo

G **TIMING TOOL SET SUITABLE FOR**
OPEL **VAUXHALL** **CHEVROLET**



OPEL/VAUXHALL	Antara
CHEVROLET	Epica, Lacetti, Nubira, Captiva

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
OPEL **FCA**



OPEL/VAUXHALL	Agila/B, Astra-H/J, Combo-C/D, Corsa-C/D, Meriva-A/B, Tigra-B, Zafira-B/Family
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
FORD	Ka
SUZUKI	Ignis, Splash, Swift, Wagon R+

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
OPEL **VAUXHALL**



OPEL/VAUXHALL	Astra-J, Astra-K, GTC, Insignia, Meriva-B, Mokka, Zafira-C Tourer
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See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

OPEL	VAUXHALL	HOLDEN	FIAT
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OPEL/VAUXHALL Astra-G, Vectra-B, Vectra-C, VX220/Speedster, Zafira-A, Astra-H, Signum, Zafira-B/Zafira Family

HOLDEN Astra, Vectra, Zafira-A

FIAT Croma

G TIMING TOOL SET SUITABLE FOR

OPEL	VAUXHALL
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OPEL/VAUXHALL Adam, Adam Rocks, Astra-K, Corsa-E



See all engine APPLICATIONS on the THE **TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



See all engine APPLICATIONS on the THE **TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G KIT FASATURA ADATTABILE A MOTORI

OPEL



OPEL/VAUXHALL Cascada, Insignia-A, Insignia-A Country Tourer, Zafira-C Tourer



Per ulteriori APPLICAZIONI consultare il THE **TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
PSA **FCA**



CITROËN C8, C4 Picasso/Grand Picasso, C5 II, C5 III, BX, ZX, Xantia, AX, C15, C2, C3 I/II/First/Classic, C3 Pluriel, Nemo, Berlingo/Berlingo First I/II, Saxo, Xsara II, Xsara, Synergie/Evasion, Berlingo III, C4, Xsara Picasso, C4 Sedan, XM, Dispatch/Jumpy III, Relay Jumper II, C5, Dispatch/Jumpy I/II, Relay/Jumper

PEUGEOT 307, 307 CC, 308, 407, 807, Expert III, 206, 206 CC, 406, 406 Coupe, 607, 806, Expert I/II, 407 Coupe, 205, 306, 309, Partner/Partner Origin/Ranch I/II, 405, 1007, 207, Bipper, 106, Partner III, 605, Boxer II, Boxer

FIAT Ulysse

LANCIA Zeta

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
PSA



CITROËN C1 II, C4 Cactus, C3 III, DS3/DS3 Cabrio

PEUGEOT 208, 2008, 308, 108

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

RENAULT NISSAN DACIA



GO CODE **725**
 1 with 6 pcs.
 kg 2,4 kg

RENAULT Clio, Clio sport, Megane, Scénic, Laguna, Espace

NISSAN Kubistar, Primastar

DACIA Duster, Logan, Sandero

G TIMING TOOL SET SUITABLE FOR

RENAULT NISSAN



GO CODE **727**
 1 with 14 pcs.
 kg 2,3 kg

RENAULT Clio, Kangoo, Laguna, Espace, Master, Mégane/Scénic, Trafic, Thalia, Modus, Twingo, Be Bop, Fluence, Logan

See all engine APPLICATIONS on the THE **TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the THE **TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR

RENAULT NISSAN



GO CODE **709**
 1 with 4 pcs.
 kg 2,7 kg

RENAULT Megane, Scenic, Grand Scenic

NISSAN Qashqai, Qashqai+2

G TIMING TOOL SET SUITABLE FOR

RENAULT NISSAN OPEL



GO CODE **765**
 1 with 3 pcs.
 kg 0,8 kg

RENAULT Koleos, Megane III, Scenic/Grand Scenic III, Trafic II, Megane II, Scenic/Grand Scenic II, Espace/Grand Espace IV, Laguna II, Vel Satis, Laguna III, Latitude

NISSAN Qashqai/Qashqai+2, X-Trail, Primastar

OPEL/VAUXHALL Vivaro

See all engine APPLICATIONS on the THE **TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the THE **TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
RENAULT **NISSAN** **OPEL**



RENAULT Koleos, Megane III, Scenic/Grand Scenic III, Trafic II, Megane II, Scenic/Grand Scenic II, Espace Grand Espace IV, Laguna II, Vel Satis, Laguna III, Latitude, Master III

NISSAN Qashqai/Qashqai+2, X-Trail, Primastar, NV400

OPEL/VAUXHALL Vivaro, Movano-B



See all engine APPLICATIONS on the THE TOOLFINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **CAMSHAFT SPROCKET LOCKING PLATE**
RENAULT



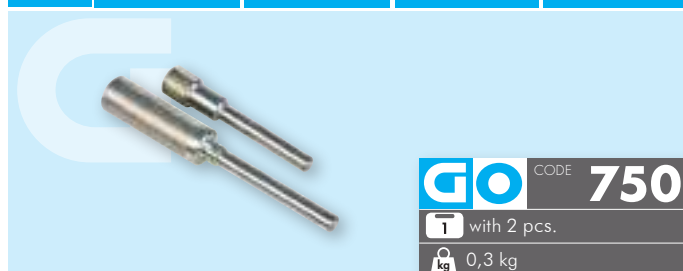
RENAULT Clio II, Megane, Megane II, Megane/Scenic, Scenic/RX4, Scenic/Grand Scenic II, Laguna, Laguna II, Espace/Grand Espace, Espace/Grand Espace IV, Traffic II



See all engine APPLICATIONS on the THE TOOLFINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
RENAULT **NISSAN** **SUZUKI** **DACIA**



RENAULT Captur, Clio IV, Kangoo II/Be Bop, Kangoo/Grand Kangoo II, Megane III, Scenic XMOD, Scenic/Grand Scenic III, Clio II/Clio Campus/Clio Storia, Clio Symbol/Symbol, Kangoo, Thalia, Twingo II, Megane II, Scenic/Grand Scenic II, Clio III/Clio Collection, Modus, Modus/Grand Modus II, Laguna III, Latitude, Logan, Logan MCV, Fluence

NISSAN Almera, Cube, Evalia, Juke, Micra, Note, NV200, Qashqai/Qashqai+2, Tiida, Pulsar, Qashqai, Kubistar

SUZUKI Jimny

DACIA Dokker, Lodgy, Logan, Logan MCV, Sandero, Duster, Logan Pick-up, Logan Van/Express



See all engine APPLICATIONS on the THE TOOLFINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR **RENAULT** **NISSAN** **OPEL** **DACIA**



RENAULT Laguna II, Megane, Scenic, Laguna, Espace/Grand Espace, Trafic II, Clio II/Clio Campus/Clio Storia, Megane Scenic, Scenic RX4, Megane II, Scenic/Grand Scenic II, Espace/Grand Espace IV, Clio III/ Clio Collection, Clio Symbol/Symbol, Symbol, Thalia, Modus, Modus/Grand Modus II, Logan, Logan MCV, Kangoo, Laguna III, Kangoo II/Be Bop, Kangoo/Grand Kangoo II, Fluence, Megane III, Twingo II, Wind, Scenic/Grand Scenic III, Scenic XMOD

NISSAN Primastar, Kubistar

OPEL/VAUXHALL Vivaro

DACIA Duster, Logan, Logan MCV, Sandero



See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR **RENAULT** **NISSAN** **OPEL** **DACIA** **SUZUKI**



RENAULT Megane, Scenic, Laguna II, Espace/Grand Espace IV, Laguna, Espace/Grand Espace, Trafic II, Clio II/Clio Campus/Clio Storia, Megane Scenic, Scenic RX4, Megane II, Scenic/Grand Scenic II, Espace/Grand Espace IV, Clio III/Clio Collection, Clio Symbol/Symbol, Symbol, Thalia, Modus, Modus/Grand Modus II, Logan, Logan MCV, Kangoo, Laguna III, Kangoo II/Be Bop, Kangoo/Grand Kangoo II, Fluence, Megane III, Twingo II, Wind, Scenic Grand Scenic III, Scenic XMOD, Captur, Clio IV, Latitude

NISSAN Primastar, Kubistar, Almera, Cube, Evalia, Juke, Micra, Note, NV200, Qashqai/Qashqai+2, Tiida, Pulsar, Qashqai

OPEL/VAUXHALL Vivaro

SUZUKI Jimny

DACIA Duster, Logan, Logan MCV, Sandero, Dokker, Lodgy, Logan Pick-up, Logan Van/Express



See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
SAAB **OPEL** **VAUXHALL** **HOLDEN**



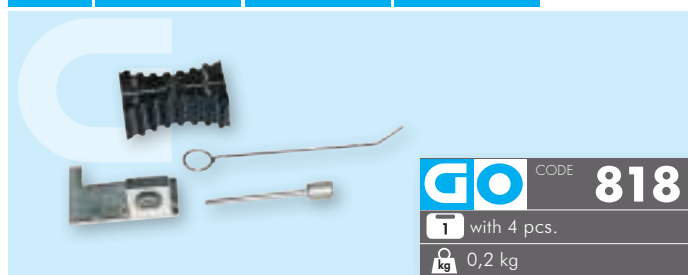
SAAB 9-3
OPEL/VAUXHALL Astra-F, Vectra-B, Astra-G, Corsa-B, Tigra, Zafira-A, Calibra, Cavalier, Omega-B, Vectra-A, Frontera-A, Sintra, Corsa-C, Astra-G Classic II, Meriva-A, Vectra-C, Combo-C, Zafira-B Zafira Family, Astra-H, Signum, Tigra-B, VX220/Speedster
HOLDEN Astra



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
SAAB **OPEL** **VAUXHALL**



SAAB 9-5
OPEL/VAUXHALL Corsa-D, Astra, AstraJ, Insignia



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
SAAB **OPEL** **VAUXHALL**



SAAB 9-3, 9-5
OPEL/VAUXHALL Insignia, Zafira-C Tourer, Astra, AstraJ, Cascada, Omega-B, Vectra-B, Astra-G, Zafira-A, Frontera-B, Sintra, Signum, Vectra-C, Astra-H, Zafira-B/Zafira Family



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **CRANKSHAFT PULLEY HOLDING TOOL**
VOLVO **FORD**



VOLVO C30, C70, S40, V50, S80, V70, S60, V60, XC60, XC70, V40, XC90
FORD Mondeo, Galaxy, S-MAX, Focus, Kuga



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**

VOLVO **FORD** **MAZDA**



GO CODE **815**
 1 with 5 pcs.
 kg 0,4 kg


VOLVO C30, S40, V50, S80, V70

FORD Focus, Mondeo, C-MAX, Focus C-MAX, Galaxy, S-MAX, Fiesta, Cougar, Tourneo Connect, Transit Connect, Fusion, Puma, Transit, Cortina/Taunus, Maverick

MAZDA 121, 2, 6, MPV, Tribute, 5, MX-5, 3

G **TIMING TOOL SET SUITABLE FOR**

VOLVO **FORD**



GO CODE **814**
 1 with 7 pcs.
 kg 1,6 kg

VOLVO C30, S40, S80, V50, V70, C70

PEUGEOT 407, 407 Coupe, 607

JAGUAR S-Type

LAND ROVER Discovery 3, Discovery 4, Range Rover Sport

See all engine APPLICATIONS on the **THE TOOLFINDER™**


1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**

VOLVO **PSA** **FIAT** **FORD**



GO CODE **721**
 1 with 25 pcs.
 kg 3,2 kg

VOLVO S40 / V50

CITROËN C5, C8, Xantia, Evasion, Evasion Synergie, Berlingo, Dispatch, Dispatch Jumpy, Relay, Relay Jumper

PEUGEOT 107, 206, 207, 306, 307, 308, 406, 406 Coupe, 407 607, 807, Expert, Partner, Boxer, Ranch

FIAT Ulysse, Scudo, Ducato (JTD)

FORD Focus, Focus C-Max, Fiesta, Fusion, Mondeo, Galaxi, S-Max

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**

VOLVO **RENAULT**



GO CODE **774**
 1 with 4 pcs.
 kg 1,1 kg

RENAULT Safrane

VOLVO S40, V40, S70, V70, 850, C70, S80, S60, XC70, Cross Country, XC90

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
GROUP VW **FORD**



AUDI	80, A4, A6, Cabriolet, A4 quattro, A6 quattro, A2, A3, A3 Cabrio, A4 Cabrio
SKODA	Fabia, Octavia/Octavia Tour, Superb, Roomster, Octavia II, Superb II, Fabia II, Praktik
SEAT	Alhambra, Cordoba, Ibiza, Toledo, Arosa, Leon, Altea/Altea XL
VW	Golf III, Golf III Cabrio, Golf III Estate, Passat, Sharan, Vento, Caddy, Golf IV Cabrio, Polo, Polo Classic, Bora, Golf IV, Golf IV Estate, Lupo, Beetle, Touran, Transporter T5, Golf Plus, Golf V, Golf V Estate, Jetta, Caddy/Caddy Maxi, Tiguan, Eos, Fox
FORD	Galaxy, Granada/Scorpio, Transit



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
GROUP VW **FORD**



AUDI	A4, A4 quattro, A6, A6 quattro, A8, Cabriolet, Allroad, A2, A3, A4 Cabrio, A3 Cabrio, A4 allroad, A5 Coupe/Cabriolet, A5 Sportback, Q5, A5 Cabriolet, A1, T
SKODA	Fabia, Octavia/Octavia Tour, Superb, Roomster, Octavia II, Superb II, Fabia II, Praktik, Rapid, Rapid Spaceback, Yeti, Yeti Outdoor
SEAT	Cordoba, Ibiza, Arosa, Alhambra, Toledo, Leon, Inca, Altea/Altea XL, Exeo
VW	Passat, Polo, Lupo, LT, Caddy, Golf III, Golf III Cabrio, Golf III Estate, Golf IV Cabrio, Polo Classic, Sharan, Vento, Bora, Golf IV, Golf IV Estate, Transporter T4, Polo Estate, Beetle, Touran, Transporter T5, Golf Plus, Golf V, Golf V Estate, Jetta, Caddy/Caddy Maxi, Tiguan, Eos, Fox, Golf VI, Golf VI Estate, Beetle/Maggiolino, Golf VI Cabrio, Passat CC, Scirocco
FORD	Galaxy, Granada/Scorpio, Transit



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

CAMSHAFT ASSEMBLY DEVICE

GROUP VW PORSCHE



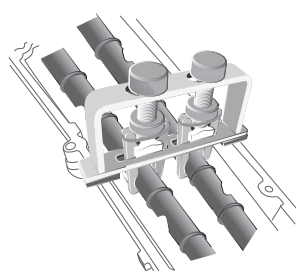
AUDI A1/A1 Sportback, A3 Cabrio, A3/A3 Sportback, A4, A4 allroad, A4 Cabrio, A4 quattro, A5 Cabriolet, A5 Coupe, A5 Sportback, A6, A6 quattro, A8, Q3, Q5, Q7, TT

SKODA Fabia II, Octavia II, Praktik, Rapid, Rapid Spaceback, Roomster, Superb II, Yeti, Yeti Outdoor

SEAT Alhambra, Altea/Altea XL, Exeo, Ibiza, Leon, Toledo

VW Amarok, Beetle/Coccinelle/Maggiolino, Caddy/Caddy Maxi, CC, Crafter, Eos, Golf Plus, Golf V Estate, Golf VI, Golf VI Cabrio, Golf VI Estate, Jetta, Passat, Passat Alltrack, Passat CC, Phaeton, Polo, Scirocco, Sharan, Tiguan, Touareg, Touran, Transporter T5, Transporter T6, Transporter T7, Transporter T8, Transporter T9, Transporter T10, Transporter T11, Transporter T12, Transporter T13, Transporter T14

PORSCHE Cayenne



See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



TIMING TOOL SET SUITABLE FOR

GROUP VW



VW Touareg, Transporter

See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



TIMING TOOL SET SUITABLE FOR

GROUP VW



AUDI 80, A2, A3, S3, A4, A6, TT

SKODA Fabia, Octavia, Octavia II, Superb

SEAT Altea, Altea XL, Arosa, Ibiza, Cordoba, Exeo

VW Polo, Polo/Classic, Beetle, Caddy, Lupo, Golf, Passat, Touran, Scirocco, Tiguan



See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR GROUP VW



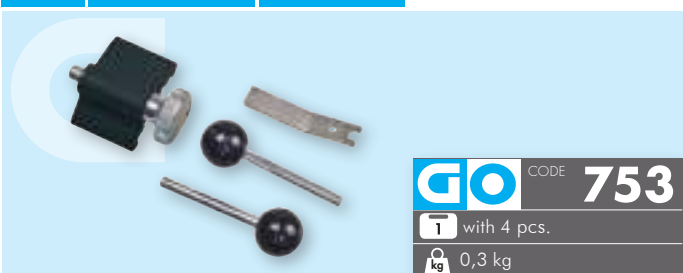
AUDI	A3, A1
SKODA	Octavia II, Fabia II, Roomster, Rapid, Yeti, Rapid Spaceback, Yeti Outdoor
SEAT	Cordoba, Ibiza, Toledo
VW	Polo, Golf V, Touran, Eos, Golf Plus, Jetta, Passat, Golf V Estate, Tiguan, Golf VI, Golf VI Cabrio, Golf VI Estate, Scirocco



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR GROUP VW FORD



AUDI	A3, A4, A4 quattro, A6, A3 Cabrio, A4 Cabrio
SKODA	Fabia, Octavia/Octavia Tour, Roomster, Octavia II, Superb II, Fabia II, Superb
SEAT	Leon, Toledo, Alhambra, Cordoba, Ibiza, Altea/Altea XL
VW	Bora, Golf IV, Golf IV Estate, Polo, Sharan, Beetle, Touran, Transporter T5, Golf Plus, Golf V, Golf V Estate, Jetta, Caddy/Caddy Maxi, Passat, Tiguan, Eos
FORD	Galaxy, Granada/Scorpio, Transit



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR GROUP VW



AUDI	A3, A1
SKODA	Octavia II, Fabia II, Roomster, Rapid, Yeti, Rapid Spaceback, Yeti Outdoor
SEAT	Cordoba, Ibiza, Toledo
VW	Polo, Golf V, Touran, Eos, Golf Plus, Jetta, Passat, Golf V Estate, Tiguan, Golf VI, Golf VI Cabrio, Golf VI Estate, Scirocco



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR GROUP VW



SKODA	Citigo, Fabia III, Fabia III Estate
SEAT	Mii, Ibiza
VW	Up!, Polo



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

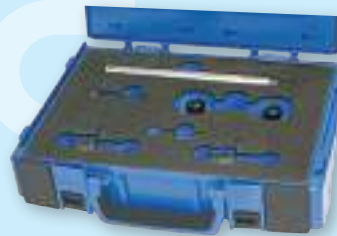
**G TIMING TOOL SET SUITABLE FOR
GROUP VW**

GO CODE **783**
 with 18 pcs.
 2,7 kg

AUDI	80, A2, A3, A3 Cabrio, A4, A4 quattro, A5, A5 Coupe/Cabriolet, A6, A6 quattro, TT, Q5
SKODA	Fabia, Fabia II, Felicia, Roomster, Octavia, Octavia Tour, Octavia II, Superb, Superb II
SEAT	Ibiza, Altea, Altea XL, Arosa, Ibiza/Cordoba, Inca, Leon, Toledo, Alhambra, Exeo
VW	Lupo, Polo, Polo/Classic, Fox, Golf/Bora, Golf/Plus, Jetta, Jetta III, Eos, Beetle, New Beetle, Scirocco, Tiguan, Passat, Passat CC, Touran, Sharan, Caddy, Vento, Caddy Maxi, Golf Estate, Sharan, Transporter


 See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

**G TIMING TOOL SET SUITABLE FOR
GROUP VW**

GO CODE **708**
 with 6 pcs.
 1,1 kg

AUDI	A1, A2, A3, A3 Cabrio, A4
SKODA	Fabia, Roomster, Octavia, Yeti
SEAT	Alhambra, Cordoba, Ibiza
VW	Polo, Caddy, Caddy Maxi, Golf, Golf Plus, Golf Estate


 See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

**G TIMING TOOL SET SUITABLE FOR
GROUP VW**

GO CODE **748**
 with 4 pcs.
 0,8 kg

SKODA	Fabia, Roomster
SEAT	Ibiza, Cordoba
VW	Fox, Lupo, Polo


 See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR GROUP VW



AUDI	A3 Cabrio, A3 Saloon, A3 Sedan, A3/A3 Sportback, A4, A4 allroad, A4 quattro, A5 Coupe/Cabriolet, A5 Sportback, A6, Q5, TT
SKODA	Octavia III
SEAT	Leon, Leon ST
VW	Golf SV/Sportsvan, Golf VII, Golf VII Estate, Golf VII Wagon, Polo



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR GROUP VW



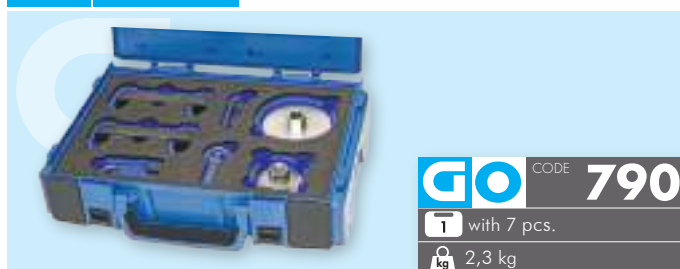
AUDI	A3 Cabrio, A3/A3 Sportback, A4, A4 allroad, A4 quattro, A5 Cabriolet, A5 Coupe, A5 Sportback, A6, Q3, Q5, TT
SKODA	Octavia II, Superb II
SEAT	Leon, Altea/Altea XL, Toledo, Alhambra
VW	Golf VI, Golf VI Cabrio, Golf VI Estate, Jetta, Scirocco, Eos, Passat, Passat Alltrack, Passat CC, Sharan, Tiguan



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G TIMING TOOL SET SUITABLE FOR AUDI



AUDI	RS3, TT
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See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G

TIMING TOOL SET SUITABLE FOR

GROUP VW

FORD



GO

CODE

751

1

with 4 pcs.

kg

0,3 kg

AUDI	A2, A3, A4, A4 quattro, A6, A6 quattro, A3 Cabrio, A4 Cabrio, A4 allroad, A5 Coupe/Cabriolet, A5 Sportback, Q5, A5 Cabriolet, A1, TT, Q3
SKODA	Fabia, Octavia/Octavia Tour, Superb, Roomster, Octavia II, Superb II, Fabia II, Praktik, Rapid, Rapid Spaceback, Yeti, Yeti Outdoor
SEAT	Arosa, Cordoba, Ibiza, Alhambra, Leon, Toledo, Altea/Altea XL, Exeo
VW	Lupo, Polo, Bora, Golf IV, Golf IV Estate, Sharan, Beetle, Passat, Golf Plus, Golf V, Golf V Estate, Jetta, Touran, Caddy/Caddy Maxi, Tiguan, Eos, Fox, Golf VI, Golf VI Estate, Beetle/Maggiolino, Golf VI Cabrio, Passat CC, Scirocco, CC, Passat Alltrack
FORD	Galaxy

G

TIMING TOOL SET SUITABLE FOR

GROUP VW

FORD



GO

CODE

705

1

with 24 pcs.

kg

5 kg

AUDI	80, A4, A6, Cabriolet, A4 quattro, A6 quattro, A8, A3, Allroad, A2, A4 Cabrio, TT, A3 Cabrio
SKODA	Octavia/Octavia Tour, Fabia, Superb, Roomster, Octavia II, Superb II, Fabia II, Praktik
SEAT	Alhambra, Cordoba, Ibiza, Toledo, Arosa, Leon, Inca, Altea/Altea XL
VW	Golf III, Golf III Cabrio, Golf III Estate, Passat, Sharan, Vento, Polo, Lupo, Caddy, Golf IV Cabrio, Polo Classic, Bora, Golf IV, Golf IV Estate, Polo Estate, Beetle, Fox, Touran, Transporter T5, Golf Plus, Golf V, Golf V Estate, Jetta, Caddy/Caddy Maxi, Tiguan, Eos

See all engine APPLICATIONS on the THE**TOOL**FINDER™

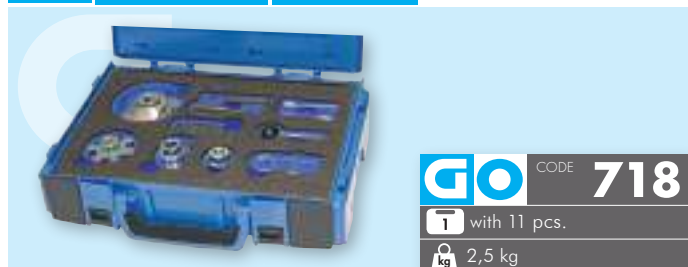
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the THE**TOOL**FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



G **TIMING TOOL SET SUITABLE FOR**
GROUP VW **AUDI**



AUDI A4 Cabrio, A4 quattro, A6 allroad, A6 quattro, A8, A4, A6, Q7, A5 Coupe/Cabriolet
VW Touareg, Phaeton

G **TIMING TOOL SET SUITABLE FOR**
GROUP VW



AUDI A1, A1/A1 Sportback, A3, A3 Cabrio
SKODA Fabia II, Praktik, Rapid, Rapid Spaceback, Roomster, Octavia II, Yeti, Yeti Outdoor
SEAT Ibiza, Toledo, Altea/Altea XL, Leon
VW Caddy/Caddy Maxi, Golf Plus, Golf VI, Golf VI Estate, Polo, Beetle/Maggiolino, Golf VI Cabrio, Jetta, Touran



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

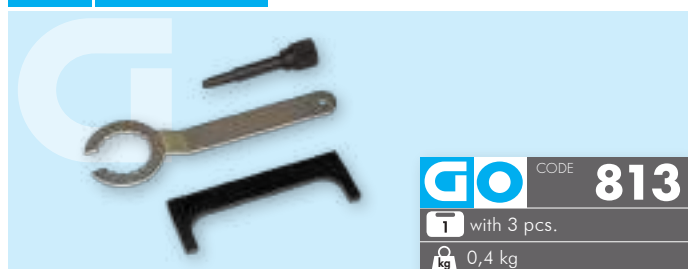
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9



G **TIMING TOOL SET SUITABLE FOR**
GROUP VW



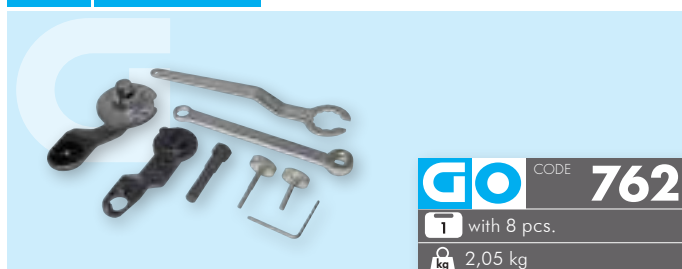
VW Crafter, Hannover



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

G **TIMING TOOL SET SUITABLE FOR**
GROUP VW

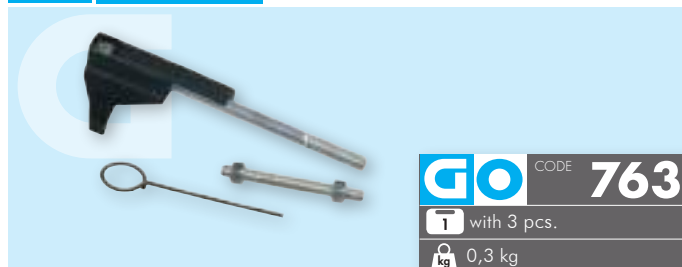


AUDI A1, A1 Sportback, A3 Cabrio, A3 Saloon, A3 Sedan, A3, A3 Sportback, Q2, Q3
SKODA Fabia III, Fabia III Estate, Octavia III
SEAT Alhambra, Ibiza, Leon, Leon ST, Toledo3
VW Beetle, Coccinelle, Maggiolino, Caddy, Caddy Maxi, CC, Golf SV, Golf Sportsvan, Golf VI Cabrio, Golf VII, Golf VII Estate, Golf VII Wagon, Jetta, Passat, Polo, Sharan, Tiguan, Touran



See all engine APPLICATIONS on the THE^{TOOL}FINDER™

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

**G TIMING TOOL SET SUITABLE FOR
GROUP VW**

GO CODE **763**
 1 with 3 pcs.
 kg 0,3 kg

AUDI	A4, A4 quattro, A6, Cabriolet, A6 quattro, A3, TT, S3
SKODA	Octavia/Octavia Tour
SEAT	Leon, Toledo, Alhambra, Cordoba, Ibiza
VW	Passat, Bora, Golf IV, Golf IV Estate, Sharan, Beetle

Locking tool for the positioning device of camshaft/tensioner.


 See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

**G TIMING TOOL SET SUITABLE FOR
GROUP VW**

GO CODE **716**
 1 with 9 pcs.
 kg 2,2 kg

AUDI	A3/A3 Sportback, A4, A4 Cabrio, A4 quattro, A6, S3, TT
SKODA	Octavia II
SEAT	Leon, Altea/Altea XL, Toledo, Exeo
VW	Eos, Golf Plus, Golf V, Golf VI, Golf VI Cabrio, Jetta, Scirocco, Passat, Touran


 See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

**G TIMING TOOL SET SUITABLE FOR
GROUP VW**

GO CODE **714**
 1 with 11 pcs.
 kg 2,2 kg

AUDI	A4, A4 allroad, A4 quattro, A5 Coupe/Cabriolet, A5 Sportback, Q5, A6, A5 Cabriolet, A1, A3, A3 Cabrio, TT, Q3
SKODA	Fabia II, Praktik, Roomster, Rapid, Rapid Spaceback, Octavia II, Superb II, Yeti, Yeti Outdoor
SEAT	Exeo, Ibiza, Altea/Altea XL, Leon, Toledo, Alhambra
VW	Transporter T5, Polo, Golf Plus, Golf VI, Golf VI Estate, Jetta, Touran, Beetle/Maggiolino, Golf VI Cabrio, Passat, Passat CC, Tiguan, Eos, Scirocco, Golf V Estate, CC, Passat Alltrack, Sharan, Caddy/Caddy Maxi


 See all engine APPLICATIONS on the **THE TOOLFINDER™**

1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9

the toolmaker[®]
GOVONI[®]
...just blue, just perfect!

HYDRAULIC CYLINDERS



HYDRAULIC

226-233



GOLOCK
HYDRAULIC







16T MECHADRAULIC SCREW ADAPTOR KIT



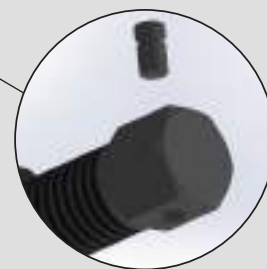
16 TON



- Due to the mechanical properties, shape and size, the Govoni Mechadraulik Spindle is optimally suited for use in the automotive sector: removal and installation of wheel hubs, drive shafts, supporting joints, tie rod heads, pitman arms, silent bearings etc.
- The 1-1/2 inch x 16 tpi receiving thread is one of the most commonly used special tool threads.



The set includes 5 spare safety pins.
The safety pins avoid damaging the tool in case the maximum torque has been reached, pin will break.
In this way the tool cannot be damaged



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...

GO CODE **1016**
1 with 12 pcs. 2,2 kg

Technical data

- Force: 16tons
- Dimensions: Ø38x225x345 mm
- Driving torque: 38 Nm
- Receiving thread: 1-1/2 inch x 16 tpi
- Stroke: 20 mm
- Weight: 1,7 Kg

Compatible with the following systems

- Würth
- Nexus
- Müller
- Pichler
- Kukko
- Sykes Pickavant
- Sauer
- KS Tools
- Facom, ecc...



12T MECADRAULIC CYLINDER



Technical data

- Hole: \varnothing 21,5 mm
- Stroke: 8 mm
- Dimensions: \varnothing 80x55 mm

- Driving torque: 56Nm
- Material: aluminium
- Working independent without pump!



GO	CODE	1010
1	with 1 pcs.	kg 2,5 kg



12 TON

STEEL



12T MECHADRAULIC CYLINDER-SET



- Thanks to the use of aluminium, the cylinder combines the strength of steel with the light weight of this element.
- Non-slip grip on the handle.
- There are 4 bores on the body for fastening the cylinder.

Technical data

- Force: 12tons
- Stroke: 8 mm
- Dimensions: \varnothing 80x260x45 mm
- Pressure: max. 700 Bar
- Hole: \varnothing 21,5 mm
- Driving torque: 56Nm

- Weight: 1,65 Kg
- Grease temperature range of use: from -25°C to 80°C
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

Application

injectors removal; introduction of wheel hubs; general use in the loosening of very tight mechanical components.



12 TON

ALUMINIUM

GO	CODE	1015
1	with 8 pcs.	kg 1,8 kg
§ PATENTED		

G 12T HYDRAULIC CYLINDER

12 TON

8 mm

STEEL



Technical data

- Force: 12tons
- Stroke: 8 mm.
- Dimensions: Ø80x55 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm
- Connection: 3/8" -18 NPT
- Material: steel

GO CODE **1012**
1 with 1 pcs. 2 kg



G 12T HYDRAULIC CYLINDER

12 TON

43 mm

ALUMINIUM



Technical data

- Force: 12tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20 mm
- Connection: 3/8" -18 NPT
- Mounting thread: 2" 3/4-16 UN
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1060**
1 with 7 pcs. 2,4 kg
§ PATENTED

G 12T HYDRAULIC CYLINDER

12 TON

8 mm

ALUMINIUM



Technical data

- Force: 12tons
- Stroke: 8 mm.
- Dimensions: Ø80x50 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm
- Connection: 3/8" -18 NPT
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1050**
1 with 7 pcs. 1,6 kg
§ PATENTED

G 20T HYDRAULIC CYLINDER

20 TON

8 mm

STEEL



Technical data

- Force: 20tons
- Stroke: 8 mm
- Dimensions: Ø100x60 mm
- Pressure: max. 700 Bar
- Hole: Ø33 mm
- Connection: 3/8" -18 NPT
- Material: steel
- Adapter: Ø20 mm

GO CODE **1020**
1 with 2 pcs. 3 kg



G 17T HYDRAULIC CYLINDER

17 TON

43 mm

STEEL




Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20 mm

- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: steel



GO CODE **1017**

1 with 1 pcs.  4 kg

G 17T HYDRAULIC CYLINDER

17 TON

43 mm

ALUMINIUM




Technical data

- Force: 17tons
- Stroke: 43 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Connection: 3/8" -18 NPT

- Outside connection thread: 2" 3/4-16 UN
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1061**

1 with 7 pcs.  2,2 kg

§ **PATENTED**

G 17T HYDRAULIC CYLINDER

17 TON

70 mm

STEEL




Technical data

- Force: 17tons
- Stroke: 70 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20,4 mm

- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: steel



GO CODE **1018**

1 with 1 pcs.  5,2 kg

G 17T HYDRAULIC CYLINDER

17 TON

70 mm

ALUMINIUM




Technical data

- Force: 17tons
- Stroke: 70 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20,4 mm

- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: aluminium
- Adaptors: M10/M12/M14/M16/M18

GO CODE **1062**

1 with 7 pcs.  2,6 kg

§ **PATENTED**

G 32T HYDRAULIC CYLINDER

32 TON

50 mm

STEEL

Technical data

- Force: 32tons
- Stroke: 50 mm
- Dimensions: Ø104x261 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm
- Connection: 3/8" -18 NPT
- Inner thread: M24x2
- Outside connection thread: 2" 3/4-16 UN
- Material: steel



GO CODE **1032**
1 with 1 pcs. 11,8 kg

G 32T HYDRAULIC CYLINDER

32 TON

50 mm

ALUMINIUM

Technical data

- Force: 32tons
- Stroke: 50 mm
- Dimensions: Ø104x261 mm
- Pressure: max. 700 Bar
- Hole: Ø21,5 mm
- Connection: 3/8" -18 NPT
- Inner thread: M24x2
- Outside connection thread: 2" 3/4-16 UN
- Material: aluminium



GO CODE **1070**
1 with 1 pcs. 8,6 kg

G HYDRAULIC ALUMINIUM PUMP - HAND OPERATED

ALUMINIUM



- Compact, ergonomic and light design.

Technical data

- Pressure: 400-700 Bar
- Hose length: 1,8 mt.
- Connection: M 3/8"
- Speed/stroke: single
- Oil tank capacity: 700 cm³
- Aluminium body
- Ergonomic handle

Components:

- 1 x tube: L=1,80 m
- 1 x pipe connection: 3/8" NPT male
- 1 x fast nipple: nipple male 3/8"

GO CODE **1030**
1 with 1 pcs. 4,7 kg



M18 SCREW INTEGRATIVE SET



- This set is required for the removal and assembly of silent bearings, using a 12- or 17-ton press frame and a cylinder (12 tons, 17 tons).

Components

- 1 x adapter
- 1 x screw M18x1.5 - L=110 mm



CODE

115



with 2 pcs.



0,2 kg



SUPPORT FOR 32T HYDRAULIC CYLINDERS



- 32 Ton hydraulic cylinder supporting tool, with supporting handle for engines pit **1**
- Inclinal in two directions **2**

Technical data

- Inner dimension: from min. Ø103 to max Ø106 mm
- Support dimension: 305x115 mm

1 Example of application



2 Reversible



CODE

1033



with 1 pcs.



1,1 kg

the toolmaker[®]
GOVONI[®]
...just blue, just perfect!

THREAD REPAIR



THREAD REPAIR

236-238





GLOW PLUG REPAIR MASTER KIT

M8

M9

M10x1

M10x1.25



- Universal glow plugs thread repair set.
- When useful:
 - If the thread is not so damaged use the male with a ratchet wrench to repair the thread and mount the glow plug.
 - If the thread cannot be repaired use the drill supplied with a ratchet wrench to drill the tapped hole of the glow plug seat.



GO CODE **1100**
1 with xx pcs. 1,2 kg

Components

M8x1 set

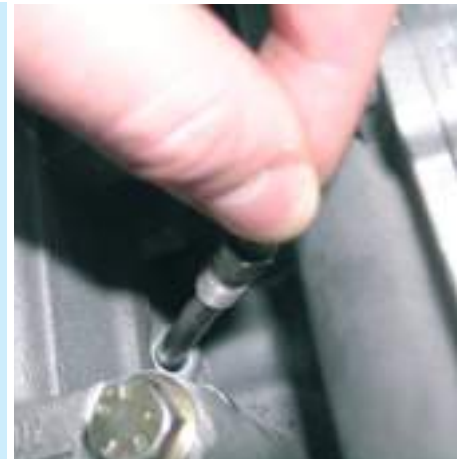
M9x1 set

M10x1 set

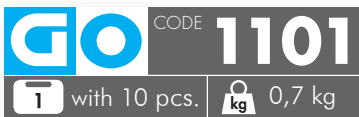
M10x1.25 set



GLOW PLUGS REPAIR KIT



- Assortment for the repair of damaged and broken threads of glow plugs.
- Suitable also for repairing the threads of glow plugs supports on diesel engines.


M8x1

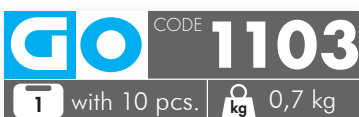
Components

- 6 x M10 - M8x1 threaded inserts
- 1 x special M8x1 mounting tool
- 1 x M10x1 male
- 1 x M8x1 male
- 1 x Ø9 drill bit


M10x1.25

Components

- 6 x M12 - M10x1.25 threaded inserts
- 1 x special M10x1.25 mounting tool
- 1 x M12x1 male
- 1 x M10x1.25 male
- 1 x Ø11 drill bit


M10x1

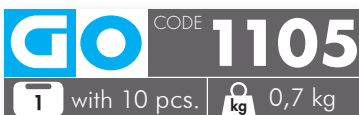
Components

- 6 x M12 - M10x1 threaded inserts
- 1 x special M10x1 mounting tool
- 1 x M12x1 male
- 1 x M10x1 male
- 1 x Ø11 drill bit


M12x1.25

Components

- 6 x M14 - M12x1.25 threaded inserts
- 1 x special M12x1.25 mounting tool
- 1 x M12x1.25 male
- 1 x Ø13 drill bit


M9x1

Components

- 6 x M12 - M9x1 threaded inserts
- 1 x special M9x1 mounting tool
- 1 x M12x1 male
- 1 x M9x1 male
- 1 x Ø11 drill bit





SPARK PLUG REPAIR KIT



- Assortment for the repair of damaged and broken threads of spark plugs.
- Suitable also for repairing the threads of spark plugs supports on petrol engines.



M12x1.25

Components

- 6 x M14 - M12x1.25 threaded inserts
- 1 x special M12x1.25 mounting tool
- 1 x M12x1.25 male
- 1 x Ø13 drill bit



M14x1.25

Components

- 6 x M16 - M14x1.25 threaded inserts
- 1 x special M14x1.25 mounting tool
- 1 x M14x1.25 male
- 1 x M16x1 male
- 1 x Ø15 drill bit



TRUCK



GENERAL REPAIR

240-258





HGV SPLIT BUSH MASTER KIT WITH 17T HYDRAULIC CYLINDER



Hydraulic cylinder - included



INCLUDED:

Lubricating grease to be used with threaded bars, nuts, etc...



INCLUDED:

Hydraulic cylinder 17 ton

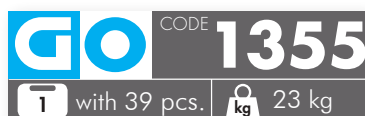
- Use this tool kit to remove and refit slotted bushes properly. The slight conical grinding makes it possible to extract and reuse bushes without damage.
- The tools may be fit directly on the vehicle without removing entire axes components. Pressers may also be used on the workshop press.
- By means of the locking device and relating half-shells, bushes are pre-tensioned carefully and parallel to one another so they can be pressed easily into their seat. While the bush is often damaged using commercial tapered sockets, the assembly operations do not damage/deform/detach the bearing's cover when this locking device system is used.
- The half-shells are fixed securely inside the locking device so they will not slip out.
- The kit includes a wide selection of the most common applications with high market coverage.
- Included the 17-ton hydraulic cylinder.

Technical data

- Force: 17tons
- Stroke: 70 mm
- Dimensions: Ø90x155 mm
- Pressure: max. 700 Bar
- Hole: Ø20,4 mm
- Connection: 3/8" -18 NPT
- Outside connection thread: 2" 3/4-16 UN
- Material: aluminium

**INTERNAL APPLICATION
DIAMETER**

Ø75mm	MB Actros (stabilizer)
Ø70mm	MAN
Ø68mm	MAN (front spring) ROR, SAF
Ø66 mm	IVECO Eurostar (driver's cabin)
Ø65mm	MB Actros (stabilizzatore), Atego
Ø63mm	DAF
Ø60mm	MB/IVECO Eurostar (stabilizer), Renault Kerax, Magnum, Premium
Ø58mm	MB 3229 B, 652, 650 / Volvo
Ø56 mm	IVECO Eurostar (driver's cabin)



Example of application

Removal



Assembly



Application with hydraulic cylinder



HGV SPLIT BUSH MASTER KIT



- Use this tool kit to remove and refit slotted bushes properly. The slight conical grinding makes it possible to extract and reuse bushes without damage.

- **The kit does not include the hydraulic cylinder.**



CODE

1310

1 with 39 pcs.

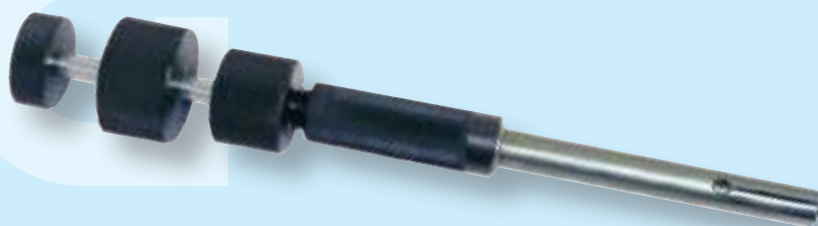
kg 21,7 kg



DIESEL INJECTOR SEAL EXTRACTOR

TRUCK

Ø10 mm



- Tool for the removal of the copper washer (placed on the bottom of the injector seat) post removal of diesel injectors.
- For easily and safely removal of copper washers glued on the bottom of the injector seat.

Technical data

- For washers with holes Ø 10 mm.
- Operation with a striking hammer of 0.5 Kg.



CODE

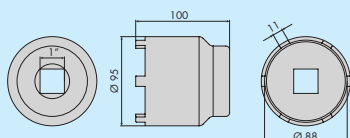
511

1 with 1 pcs.

kg 0,8 kg

G WRENCH FOR HUBS

MERCEDES



Technical data

- 6-teeth - tooth width 11 mm
- Inner Ø 88 mm - □ 1"

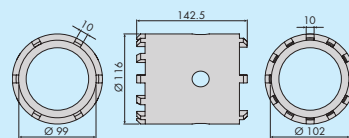
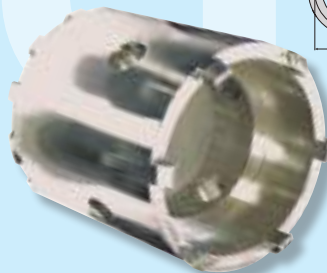
Application

Rear axle models: VARIO 814 -
SPRINTER 616 - ATEGO HL2/43 DG
6.2

GO CODE **1308**
1 with 1 pcs. 2 kg

G WRENCH FOR HUBS

MERCEDES



Technical data

- 12-teeth - tooth width 10 mm -
Inner Ø 102 mm
- 6-teeth - tooth width 10 mm -
Inner Ø 99 mm

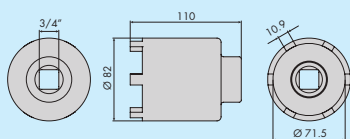
Application

Rear axle models: 10TN/13TN, HL7/1,
HL7/2, HL7/18, HO7/8, HO7/9, HL7/0,
HL7/015, HL/021, HL7/3, HD7/2,
HD7/19DG, HD7/016DG
Front axle models: 7TN AL7/1

GO CODE **1309**
1 with 1 pcs. 3,5 kg

G WRENCH FOR HUBS

MERCEDES



Technical data

- 6-teeth - tooth width 10,9 mm
- Inner Ø 71,5 mm - □ 3/4"

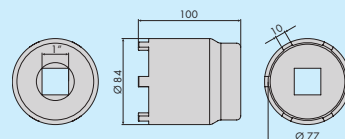
Application

Rear axle models: HL2/2,
HL2/7, HL2/13

GO CODE **1319**
1 with 1 pcs. 1,5 kg

G WRENCH FOR HUBS

MAN



Technical data

- 6-teeth - tooth width 10 mm
- Inner Ø 77 mm - □ 1"

Application

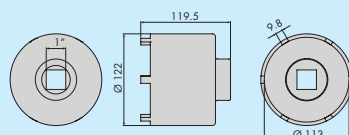
Front axle models: VW2 - VW4 -
VW6.1 - 6.8
Suitable for MAN

GO CODE **1320**
1 with 1 pcs. 1,8 kg



WRENCH FOR HUBS

MERCEDES



Technical data

- 6-teeth - tooth width 9,8 mm
- Inner Ø 113 mm - □ 1"

Application

Axle models: NS4/2 - NS4/10
Sprocket axle models: HL6/1, HL6/2, HL6/3, HD6/3



CODE

1321



with 1 pcs.

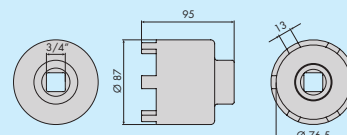


2,6 kg



WRENCH FOR HUBS

MAN



Technical data

- 6-teeth - tooth width 13 mm
- Inner Ø 76,5 mm - □ 3/4"

Application

Front axle models: M3 - ME - MI
Rear axle models with outer planetary unit: 3MR - 5MR
Suitable for MAN



CODE

1322



with 1 pcs.

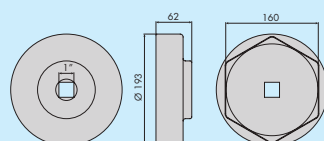


1,4 kg



HEXAGONAL WRENCH FOR HUB

RENAULT



Technical data

- Hexagon 160 mm - □ 1"

Application

Suitable for FONTENAC RENAULT



CODE

1323



with 1 pcs.

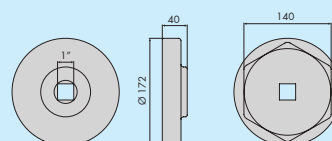


5,2 kg



HEXAGONAL WRENCH FOR HUB

S.A.F.



Technical data

- Hexagon 140 mm - □ 1"

Application

Suitable for S.A.F.



CODE

1324



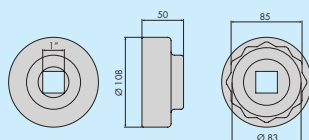
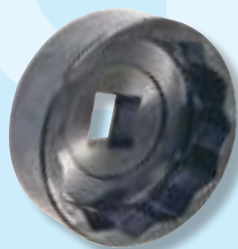
with 1 pcs.



3,3 kg

G POLYGONAL WRENCH FOR HUBS

IVECO



Technical data

- Polygon 85 mm
- Inner Ø 83 mm - □ 1"

Application

Suitable for IVECO

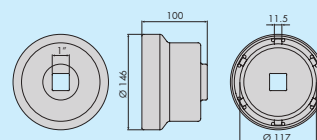
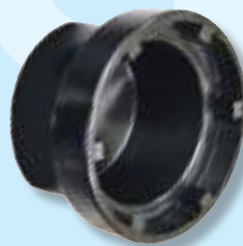
GO CODE **1325**
1 with 1 pcs. 1,6 kg

G WRENCH FOR HUBS

TGA

MAN

MERCEDES



Technical data

- 6-teeth - tooth width 11,5 mm
- Inner Ø 117 mm - □ 1"

Applicazione

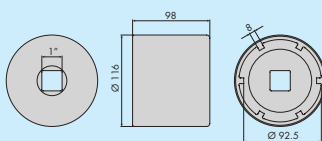
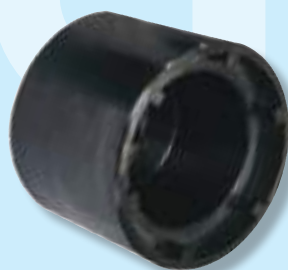
Rear axle models: TGA
Suitable for MERCEDES, MAN

GO CODE **1326**
1 with 1 pcs. 3,5 kg

G WRENCH FOR HUBS

TGA

MAN



Technical data

- 6-teeth - tooth width 8 mm
- Inner Ø 92,5 mm - □ 1"

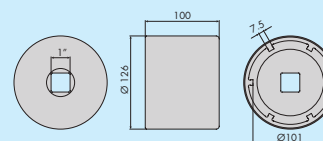
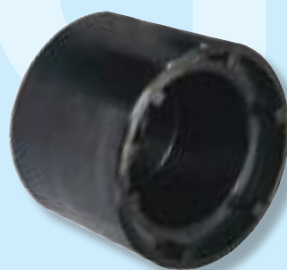
Application

Front axle models: TGA V9 - 82L - 01
Suitable for MAN

GO CODE **1327**
1 with 1 pcs. 4,9 kg

G WRENCH FOR HUBS

MERCEDES



Technical data

- 6-teeth - tooth width 7,5 mm
- Inner Ø 101 mm - □ 1"

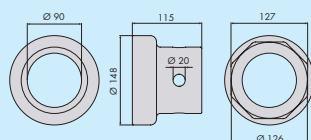
Application

Suitable for MERCEDES ATEGO

GO CODE **1328**
1 with 1 pcs. 5,6 kg



POLYGONAL WRENCH FOR HUBS

R.O.R.


Technical data

- Octagon 127 mm
- \varnothing 126 mm

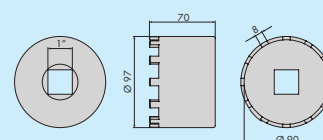
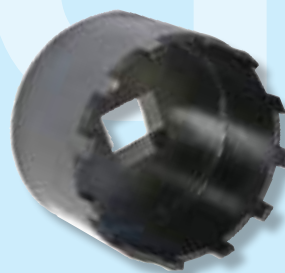
Application

Suitable for R.O.R.


CODE 1329
1 with 1 pcs.

kg 3,8 kg


WRENCH FOR HUBS

MERCEDES


Technical data

- 12-teeth - tooth width 8 mm
- Inner \varnothing 90 mm - \square 1"

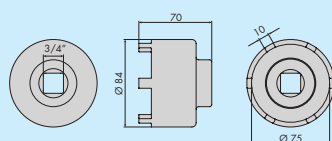
Application

BRG year 2001
Suitable for MERCEDES ACTROS 1840


CODE 1330
1 with 1 pcs.

kg 1,5 kg


WRENCH FOR HUBS

MERCEDES


Technical data

- 6-teeth - tooth width 10 mm
- Inner \varnothing 75 mm - \square 3/4"

Application

Rear axle models:

HL2/14, HL2/30, KL2/16, KL4/1, KL4/16, KL4/17, KL4/23, KL4/28, KL4/29, KL4/4, KL4/8, KD4/6G, HO4/2, HO4/18, NR4/4

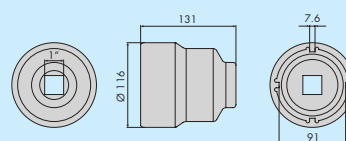
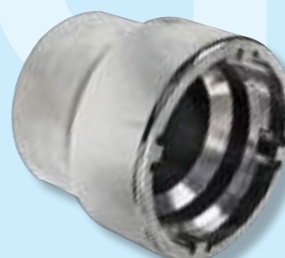
Front axle models:

AL3/1, AL3/2, AL3/3, AL3/4, AL3/7, AL3/8


CODE 1331
1 with 1 pcs.

kg 1 kg


WRENCH FOR HUBS

SCANIA


Technical data

- 4-teeth - tooth width 7,6 mm
- Inner \varnothing 91 mm - \square 1"

Application

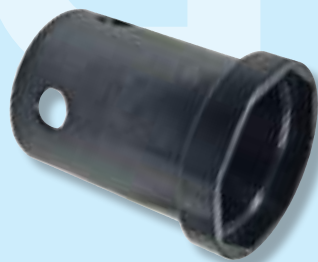
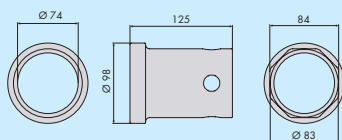
Rear axle
Suitable for SCANIA


CODE 1332
1 with 1 pcs.

kg 4,6 kg

G POLYGONAL WRENCH FOR HUBS

R.O.R.

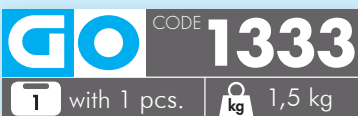


Technical data

- Octagon 84 mm
- Ø 83 mm

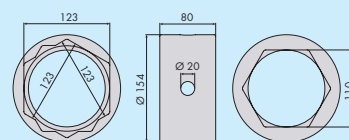
Application

Suitable for R.O.R.



G HEXAGONAL WRENCH FOR HUBS

FRUEHAUF



Technical data

- Ø 123 mm
- Hexagon 110 mm

Application

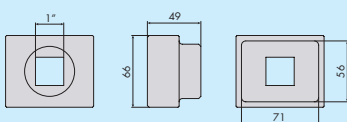
Suitable for FRUEHAUF



G WRENCH FOR HUBS

DAF

MERCEDES



Application

Axle models KÄSSBOHRER/SETRA: front axle 6,5 and 7,5t of type S 210 and 215, SG 219-221 and dead axle types S 216 HDS and S 228 DT types 0303, 0305-G and 0307

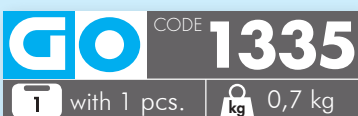
Axle models DAF, Mercedes: VL 3/8, 4/7, 4/9, 4/15, VD 4/14, of type 363, 385, 387, 389, 391, 393, 395, 617, 620, 621, 622, 623, 625, 649

Axle models Mercedes - Bus:

VO 3/10, 4/11, 4/13 and 4/19 of type 0303, 0305-G and 0307

Technical data

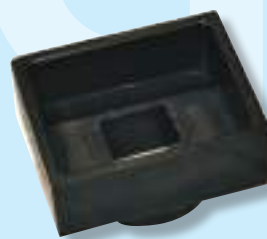
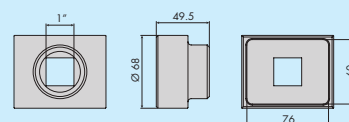
- 56x71 mm - □ 1"



G WRENCH FOR HUBS

MAN

MERCEDES



Application

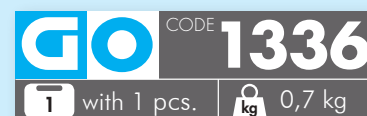
Front axle models:
SK VL5/1 D9-2629 in 6x4.
2635 in 6x4.

3535K 8x4

Suitable for MERCEDES, MAN

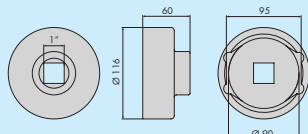
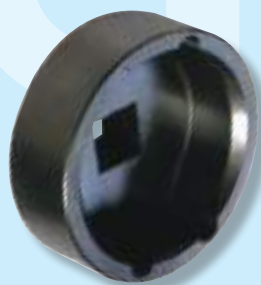
Technical data

- 60x76 mm - □ 1"



G WRENCH FOR HUBS

BPW



Technical data

- Inner \varnothing 90 mm - \square 1"

Application

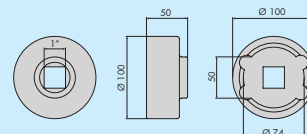
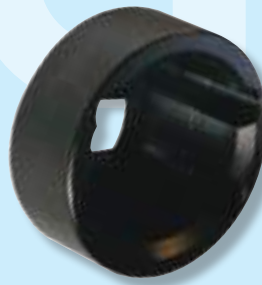
Suitable for BPW 9TN

GO CODE **1337**

1 with 1 pcs. 1,9 kg

G WRENCH FOR HUBS

BPW



Technical data

- Inner \varnothing 74 mm - \square 1"

Application

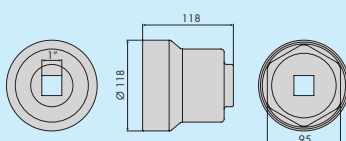
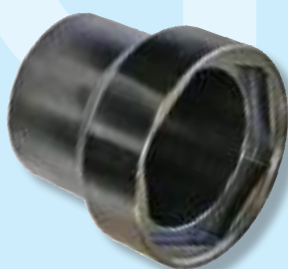
Suitable for BPW 12TN

GO CODE **1338**

1 with 1 pcs. 1,3 kg

G HEXAGONAL WRENCH FOR HUBS

MERCEDES



Technical data

- Hexagonal nut 95 mm - \square 1"

Application

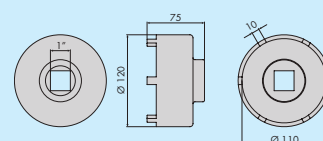
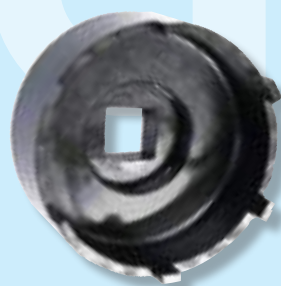
Rear axle
Trailer axle
Axle with compact bearings

GO CODE **1339**

1 with 1 pcs. 3,4 kg

G WRENCH FOR HUBS

MAN



Technical data

- 6-teeth - tooth width 10 mm
- Inner \varnothing 110 mm - \square 1"

Application

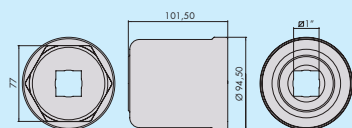
Low-platform bus with gantry axle
HDNP-1300
Suitable for MAN AUTOBUS

GO CODE **1340**

1 with 1 pcs. 1,9 kg

G WRENCH FOR HUBS

RENAULT



Technical data

- CH. Ø 77 mm - □ 1"

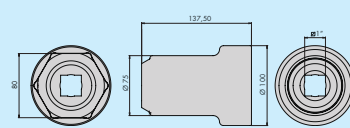
Application

Suitable for RENAULT

GO CODE **1341**
1 with 1 pcs. 1,6 kg

G WRENCH FOR HUBS

RENAULT



Technical data

- CH. 80 mm -
depth 23 mm - □ 1"

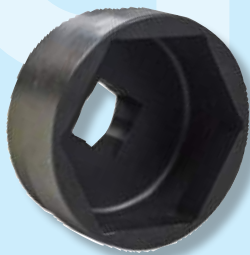
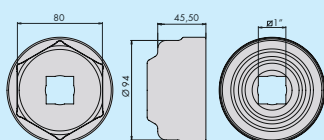
Application

Suitable for RENAULT BUS,
EUROCARGO, EUROTECH

GO CODE **1342**
1 with 1 pcs. 2,2 kg

G WRENCH FOR HUBS

RENAULT



Technical data

- CH. 80 mm -
depth 16 mm - □ 1"

Application

Suitable for RENAULT

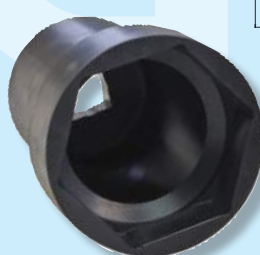
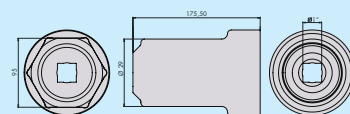
GO CODE **1343**
1 with 1 pcs. 1,2 kg

G WRENCH FOR HUBS

VOLVO

RENAULT

FIAT



Technical data

- CH. 95 mm -
depth 28 mm - □ 1"

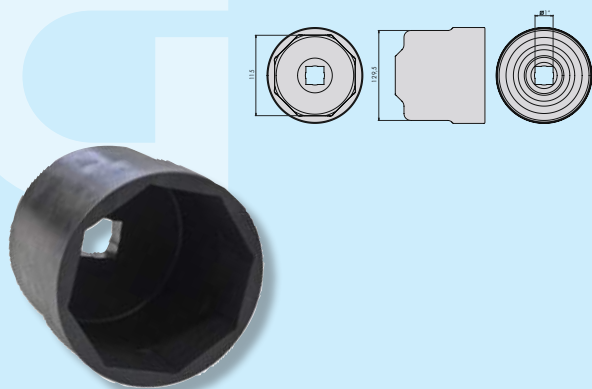
Application

Suitable for RENAULT, VOLVO, FIAT

GO CODE **1344**
1 with 1 pcs. 3,6 kg

G WRENCH FOR HUBS

RENAULT



Technical data

- CH. 115,7 mm -
depth 45 mm - □ 1"

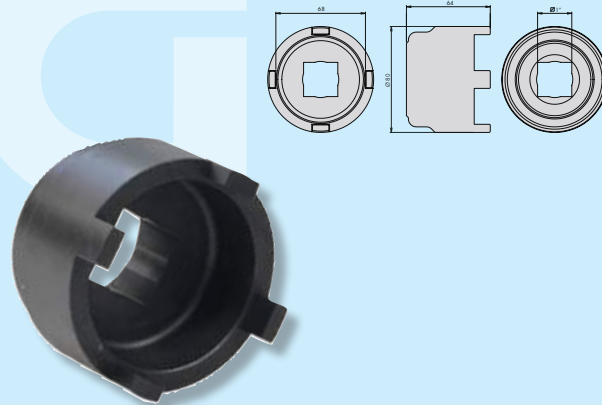
Application

Suitable for RENAULT

GO CODE **1345**
1 with 1 pcs. **kg** 3,6 kg

G WRENCH FOR HUBS

RENAULT



Technical data

- 4-teeth - tooth width
13,5 mm - □ 1"

Application

Suitable for RENAULT

GO CODE **1346**
1 with 1 pcs. **kg** 1,1 kg

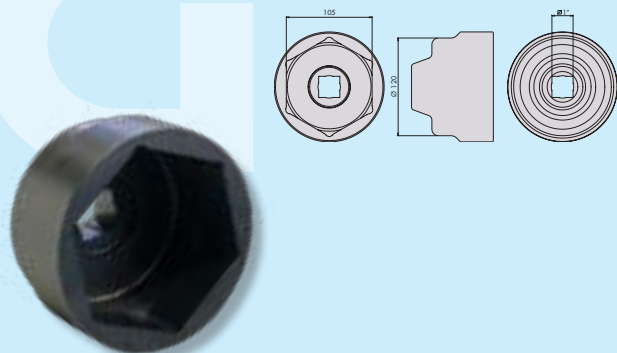
G WRENCH FOR HUBS

VOLVO

RENAULT

FIAT

DAF



Technical data

- CH. 105,4 mm -
depth 38 mm - □ 1"

Application

Suitable for RENAULT, VOLVO, FIAT,
DAF

GO CODE **1347**
1 with 1 pcs. **kg** 3,3 kg

G WRENCH FOR HUBS

RENAULT



Technical data

- CH. 105 mm - H. 57 mm
- □ 1"

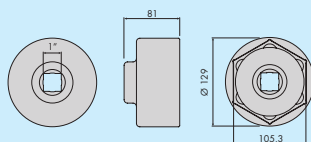
Application

Suitable for RENAULT

GO CODE **1348**
1 with 1 pcs. **kg** 2,3 kg

G WRENCH FOR HUBS

RENAULT



Technical data

- CH. 105 mm - □ 1"

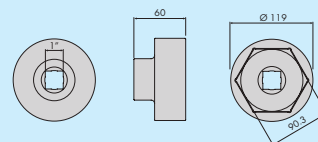
Application

Suitable for IRISBUS, VOLVO

GO CODE **1349**
1 with 1 pcs. 3,5 kg

G WRENCH FOR HUBS

IVECO



Technical data

- CH. 90 mm - □ 1"

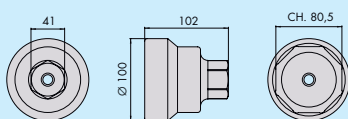
Application

Suitable for IVECO

GO CODE **1350**
1 with 1 pcs. 2,8 kg

G WRENCH FOR HUBS

SCANIA



Technical data

- CH. 41 mm - □ 1"

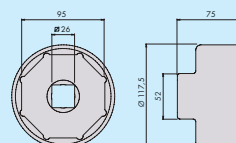
Application

Suitable for SCANIA

GO CODE **1351**
1 with 1 pcs. 1,9 kg

G WRENCH FOR HUBS

SCANIA



Technical data

- CH. 95 mm - □ 1"

Application

Suitable for SCANIA

GO CODE **1352**
1 with 1 pcs. 2,2 kg



TWIN WHEEL SEPARATOR SET FOR HEAVY VEHICLES

UNIVERSAL



- Allows the separation and disassembly of twin wheels in heavy vehicles.
- This set offers a simple and effective solution to help you in the disassembly stages. The two rims come apart using special both the supports and the spindle (fixed impact screwdriver).
- Usually it is also possible to loosen the rear rim by placing it on the brake drum.
- Also ideal as a tool to take on board or for roadside assistance.
- This set also includes two wheel-centering pins that protect the wheel's bolts, facilitate wheel assembly and keep the brake's drum in place, in the case of drum brakes.



Components

- 1 x Ø43mm rim balcony-type support
- 1 x spindle with drive on 6 sides SW22
- 1 x thrust anchor Size 1 Ø48mm
- 1 x thrust anchor Size 2 Ø50mm
- 2 x set of wheel-centering pins M22x1.5, 2 pcs.

CODE **1318**

1 with 6 pcs.

kg 3,35 kg



TORX SLOGGING BRAKE CALIPER WRENCH



TRUCK

6-side profile



12-side profile



- They allow for the assembly/disassembly of the brake caliper fixing screws when working on the braking system.
- Used mainly on the front and rear axles of heavy vehicles.
- Even the most stubborn screws are released with the blow of a hammer on the end of the wrench.
- All wrenches are equipped with a $\frac{3}{4}$ " square drive that also allows clamping, in combination with a torque wrench, according to the manufacturer's instructions.
- **Warning:** pay attention to the torque conversion formula marked on the wrench by means of a laser (necessary because of the lever's extension due to the type of construction).
- It is no longer necessary to remove the lever of the steering control tie rod.



E18**Application**

MAN TGM - TGL ecc.

Technical data

- Length: 220mm

**1311**

kg 0,6 kg

E20**Application**

MAN TGM, TGL/MB Atego up to 9 ton ecc.

Technical data

- Length: 220mm

**1312**

with 1 pcs.

kg 0,6 kg

E24**Application**

MAN TGA, TGS, TGX/MB Atego from 12 ton, Actros

Technical data

- Length: 220mm

**1313**

with 1 pcs.

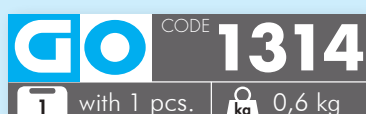
kg 0,6 kg

M24**Application**

MB Atego/Actros, SAF

Technical data

- Length: 220mm
- 12-side profile

**1314**

with 1 pcs.

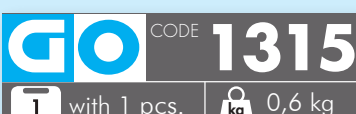
kg 0,6 kg

M26**Application**

DAF XF95/XF105/XF106/XF

Technical data

- Length: 220mm
- 12-side profile

**1315**

with 1 pcs.

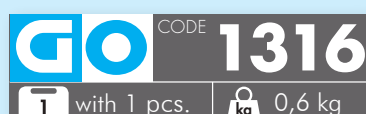
kg 0,6 kg

M22**Application**

MAN TGL

Technical data

- Length: 220mm
- 6-side profile

**1316**

with 1 pcs.

kg 0,6 kg

M27**Application**

MB Atego, Actros/Kässbohrer Bus

Technical data

- Length: 220mm
- 6-side profile

**1317**

with 1 pcs.

kg 0,6 kg

M30**Application**

Scania

Technical data

- Length: 220mm
- 12-side profile

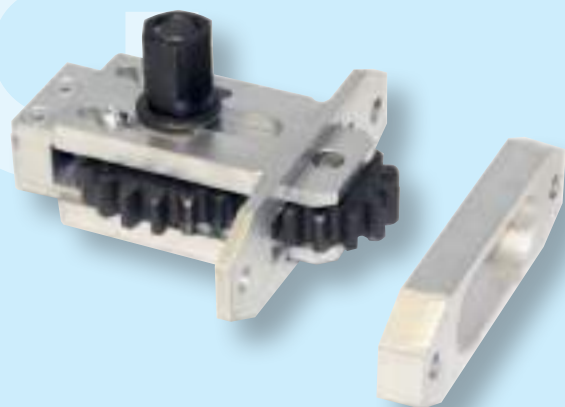
**1353**

with 1 pcs.

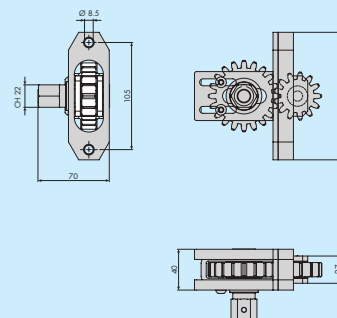
kg 0,6 kg



FLYWHEEL ROTATION TOOL



IVECO



Application

Engine code: 8360.46, F3A, F3B
Model: Euro Cargo, Cargo 150E27R PR,
FPR 320E27T, PT Eurotech, Eurostar

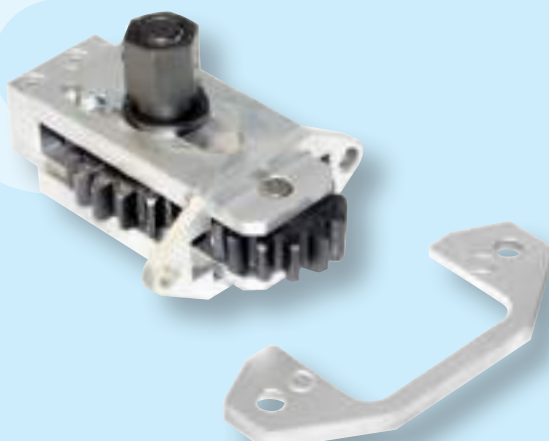
Technical data

- 2 gears

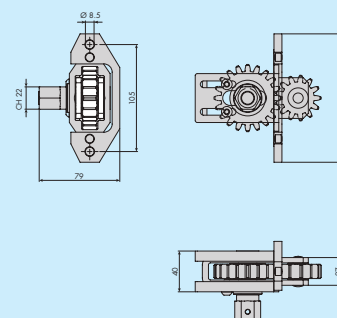
GO CODE **1300**
1 with 2 pcs. 1,9 kg



FLYWHEEL ROTATION TOOL



IVECO



Application

Engine code: 8040-25-45, 8060-25-45, 8460, 8260, 8280,
8210.42, 190.38, 190.42
Model: Euro Cargo, Cargo Eurotech,
Heavyon, Off Road/Bus

Technical data

- 2 gears

GO CODE **1301**
1 with 2 pcs. 1,6 kg



FLYWHEEL ROTATION TOOL

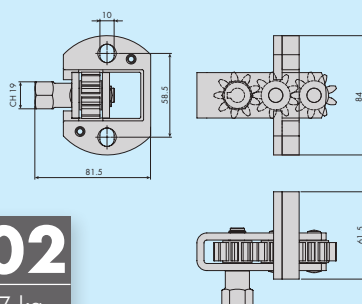
MERCEDES


Application

Mercedes: Actros, Atego

Technical data

- 3 gears



GO CODE **1302**



with 1 pcs.



0,7 kg



FLYWHEEL ROTATION TOOL

MERCEDES

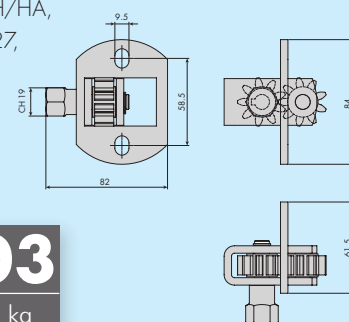

Application

Mercedes: 6, 8, 10 cylinders

Model: 401, 404, 407, 409 H/HA,
421, 424, 441, 444 A/LA, 427,
429, 4289, 447 H/HA

Technical data

- 2 gears



GO CODE **1303**



with 1 pcs.



0,6 kg



FLYWHEEL ROTATION TOOL

RENAULT



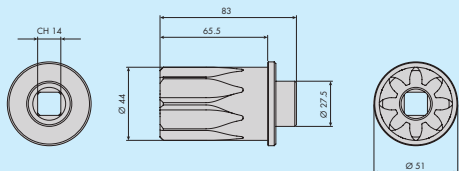
- Tool for engine flywheel rotation during the tappets adjustment

Application

Renault: Magnum

Technical data

- Square 1/2"



GO CODE **1304**

1 with 1 pcs. **kg** 0,6 kg

FLYWHEEL ROTATION TOOL

RENAULT
VOLVO

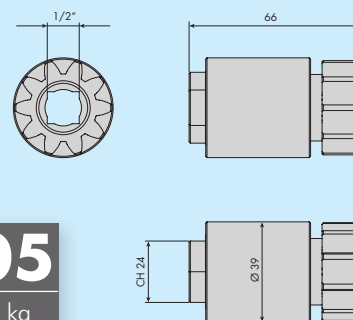


Application

Models: Renault, Volvo D13

Technical data

- Square 1/2"



GO CODE **1305**

1 with 1 pcs. **kg** 0,6 kg

FLYWHEEL ROTATION TOOL

VOLVO

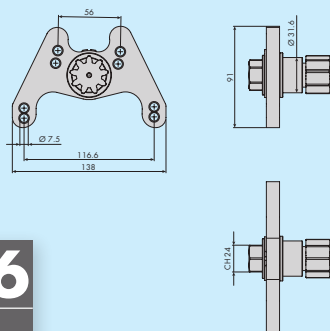


Application

Volvo: 420, 460

Technical data

- 1 gear



GO CODE **1306**

1 with 1 pcs. **kg** 1 kg

FLYWHEEL ROTATION TOOL

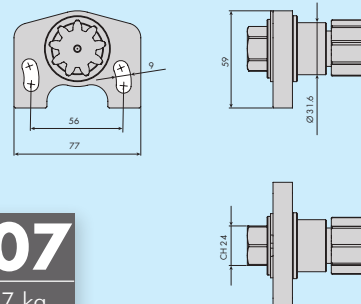
VOLVO



- Gear for engine flywheel rotation during the timing search

Technical data

- 1 gear

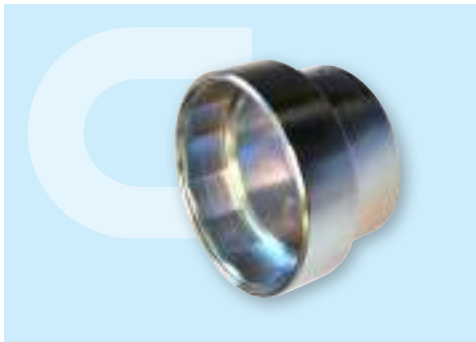


GO CODE **1307**

1 with 1 pcs. **kg** 0,7 kg



OIL/DIESEL OIL/SETTLER

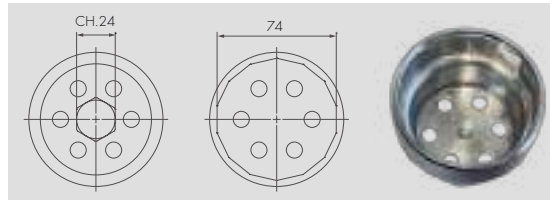


- This wrench is for the Truck sector or the heavy industrial sector. Furthermore, the oil/diesel oil filter wrench 14 flutes is suitable for those filters that are hard to remove, as seals stick between them due to heat; therefore, removal of the filter requires more force.
- This wrench allows to work perpendicularly without damaging the thread on which the oil or diesel oil filter is screwed down.
- The bush or wrench 24 mm avoids losing the grip on the filter key.



Application

Motor filters: Vans, trucks, agricultural machinery, earth moving machinery, compressors, etc



Technical data

- \varnothing 84 x H 66 mm
- Internal diameter: \varnothing 74 mm
- 14 flutes
- Connection: CH24
- With hole for the valves of settlers

GO	CODE	636
1	with 1 pcs.	kg 0,5 kg



OIL/DIESEL OIL FILTER WRENCH

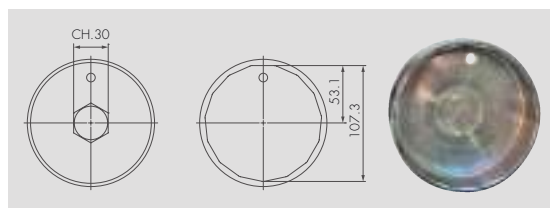


- This wrench is for the Truck sector or the heavy industrial sector.
- Furthermore, the oil/diesel oil filter wrench 15 flutes is suitable for those filters that are hard to remove, as seals stick between them due to heat; therefore, removal of the filter requires more force.
- This wrench allows to work perpendicularly without damaging the thread on which the oil or diesel oil filter is screwed down.



Application

Motor filters: Vans, trucks, agricultural machinery, earth moving machinery, compressors, etc

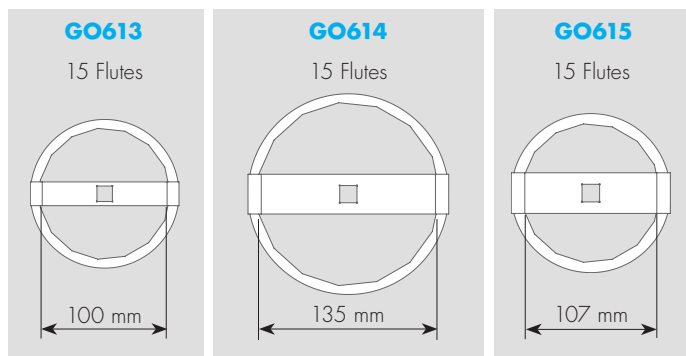


Technical data

- Internal diameter: \varnothing 107 mm
- 15 flutes
- Connection: CH30

GO	CODE	637
1	with 1 pcs.	kg 1,4 kg

- Necessary for changing the oil filter, the oil filter container cover and the fuel filter!
- An especially stable construction in terms of size and shape.
- Minimum encumbrance, for filters that are particularly difficult to access.
- Through the 1/2" square drive, tightening torques can be implemented according to manufacturer instructions.



G

OIL FILTER WRENCH

ISUZU

MITSUBISHI



Technical data

- Type: Ø 100 mm
- Flutes: 15

Application
Isuzu / Mitsubishi

GO CODE **613**
 1 with 1 pcs. 0,25 kg

G

OIL FILTER WRENCH

MAN



Technical data

- Type: Ø 135 mm
- Flutes: 15

Application
MAN 18-48 t / F2000, FE, TGA
Engine: 406, 410, 414, 440, 460

GO CODE **614**
 1 with 1 pcs. 0,25 kg

G

OIL FILTER WRENCH

VOLVO

IVECO

RENAULT

SCANIA



Technical data

- Type: Ø 135 mm
- Flutes: 15

Application
Volvo, Iveco, Renault, Scania
Oil filter and fuel filter

GO CODE **615**
 1 with 1 pcs. 0,25 kg

BODYWORK



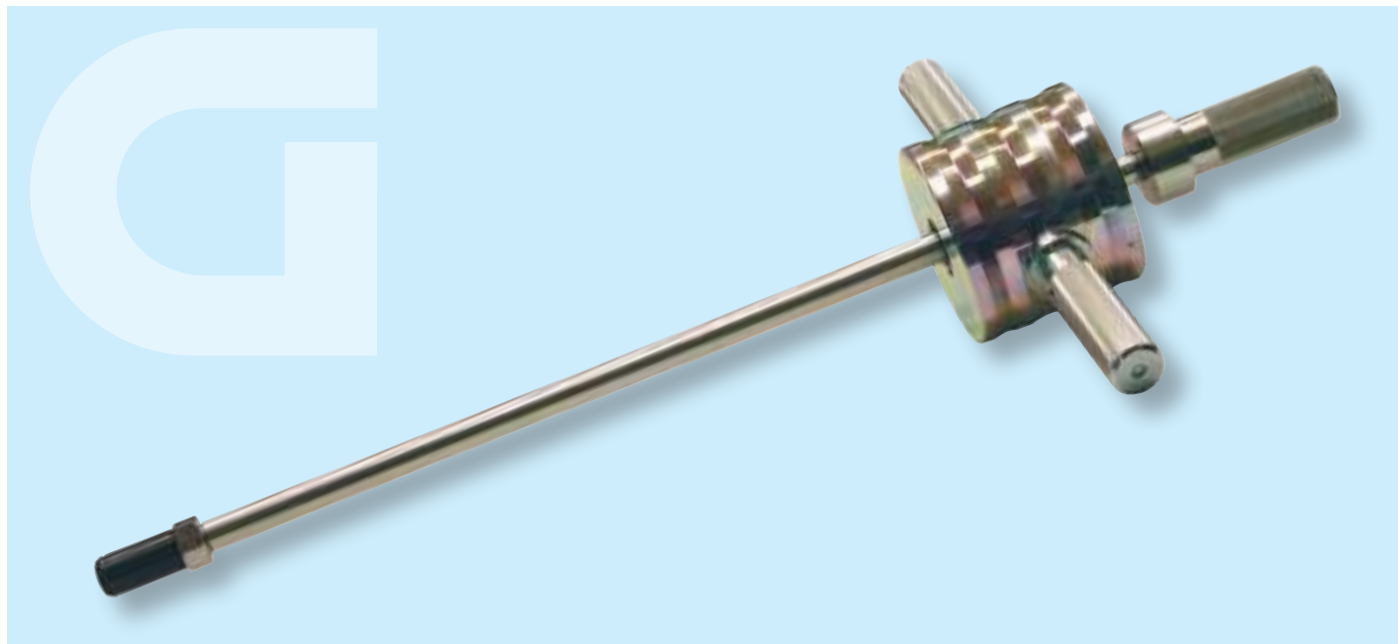
GENERAL REPAIRS

260-273





SLIDE HAMMER - 9 KG



- For powerfully driving out components and for straightening jobs on bodywork.
- Extremely effective loosening effect via impact with a maximum force of approx. 8 tonnes.
- Effectively loosens even the most firmly anchored components, e.g. which have been pressed in, have rusted or are connected with a cone.
- With the relevant accessories, suitable for removing injectors, wheel hubs, supporting joints etc.



GO	CODE	520
1	with 1 pcs.	kg 11,6 kg



UPGRADE OPTION



ADJUSTABLE PLIER

- Special claw to take the injector fitted.
- M12 connection.

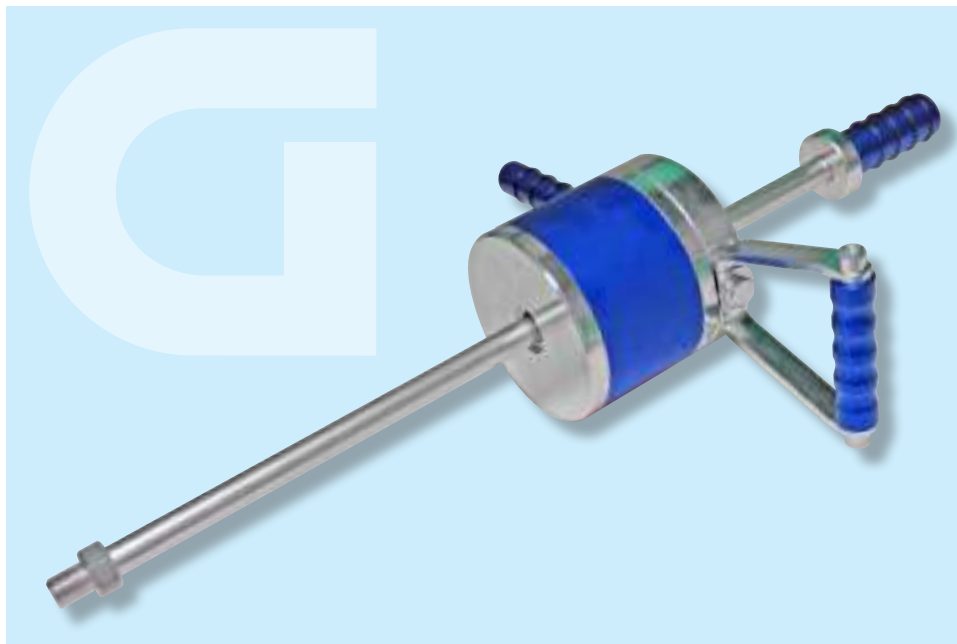
UNIVERSAL



GO	CODE	454
1	with 1 pcs.	kg 1,3 kg

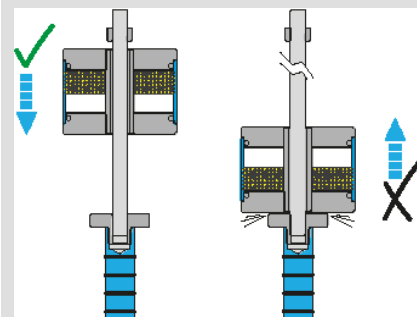


SLIDING HAMMER 9KG, DEAD BLOW



UNIVERSAL

The principle of "no-rebound"



The range of applications can be increased as desired through **the optional purchase of additional accessories!**



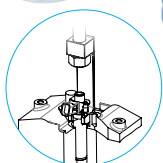
- For powerful expulsion of stuck components as well as for body straightening work.
- The new slide hammer version is filled with a steel shot. This prevents the weight from bouncing back against the abutment. The impact intensity is thus increased because the full impact force is transmitted to the component to be machined.
- This version is also very gentle on the joints and allows fatigue-free working.



PLUS: l'attrezzo è modulare può essere scomposto ed utilizzato come massa battente da 1,5 Kg

Applications

Injectors, hubs, support joints, bodywork works



Technical data

Weight: 9 kg
Total length: 770 mm
Connection - Thread : M18x1,5/
M22x2,0



CODE

530

T with 2 pcs.

kg 11 kg

§ PATENTED



DOUBLE HOOK FOR SLIDE HAMMER

UNIVERSAL

Technical data

- Lunghezza: 117 mm
- Max. width: 53 mm
- Hook distance: 15 mm
- Triangle bore: 13 mm
- Triangle opening: 17 mm



Application photo



GO CODE **526**
1 with 1 pcs. **kg** 0,8 kg

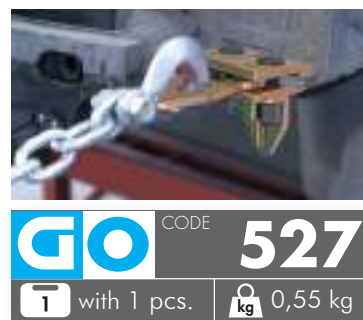


SINGLE HOOK FOR SLIDE HAMMER

UNIVERSAL

Technical data

- Length: 110 mm
- Hook opening: 16,5 mm
- Admission bore: 12 mm
- Admission opening: 14 mm



GO CODE **527**
1 with 1 pcs. **kg** 0,55 kg



PULL/HANGER HOOK, EXTRA LARGE

UNIVERSAL



- Massive tow hook for use in axle and body repairs.
- Used together with a heavy slide hammer (e.g. GO520).
- The extra wide version is ideal for loosening connections on the wishbone (ball joint / clamping bore) and wheel bearing housing with inserted spring struts.
- Thanks to the bracket profile, it is also ideal for straightening work on A, B or C columns.



Technical data

- Connecting thread: M18x1.5
- Height inside: 110 mm
- Hook width: 40 mm
- Total weight: 2.34 kg

Application

Universal, e.g. Ford Mondeo, MB Vito front axle

GO CODE **528**
1 with 1 pcs. **kg** 2,5 kg



BODY PULL CLAMP "MINI", FOR 2 PULL DIRECTIONS

UNIVERSAL


- It is required for straightening and re-deforming body parts by means of a pulling device.
- The two drawbar eyes allow straightening work in two directions simultaneously.
- The advantage is given by the slim design of the jaws, which are secured against slipping on the component with the aid of the clamping screw.
- The drawbar eyes can be connected by means of hooks with a slide hammer or a chain.

Extra slim and small version.
For slide hammer or chain.


Technical data

- Traction: straight max. 3000 kg/sideward max. 2000 kg
- Mouth width: 36mm
- Clamping depth: 10mm
- Length: 150mm

GO	CODE 1145
1 with 1 pcs.	kg 1,2 kg

G BODY TENSION CLAMP 90° ANGLED

UNIVERSAL



Technical data

- Traction: 2000 kg
- Mouth width: 40 mm
- Clamping depth: 28 mm
- Length: 165 mm



GO CODE **1146**

1 with 1 pcs. **kg** 1,4 kg

G BODY PULL CLAMP "BASIC", FOR 2 PULL DIRECTIONS

UNIVERSAL



2 traction directions

Technical data

- Traction: straight max. 5000 Kg/
sideward max. 2000 Kg
- Mouth width: 43 mm
- Clamping depth: 30 mm
- Length: 220 mm



GO CODE **1147**

1 with 1 pcs. **kg** 2,3 kg

G BODY PULL CLAMP "BOX", FOR 2 PULL DIRECTIONS

UNIVERSAL



2 traction directions

Technical data

- Traction: straight max. 3000 Kg/
sideward max. 2000 kg
- Mouth width: 35 mm
- Clamping depth: 60 mm
- Length: 245 mm

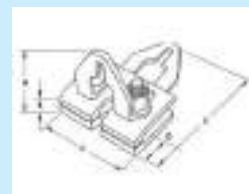


GO CODE **1148**

1 with 1 pcs. **kg** 2,3 kg

G BODY PULL CLAMP

UNIVERSAL



Technical data

- A = 140 mm
- B = 22 - 135 mm
- C = 120 mm
- D = 32 mm
- E = 175 mm



GO CODE **1155**

1 with 1 pcs. **kg** 2,9 kg



SET FOR THE INSTALLATION OF THE PARKING SENSORS

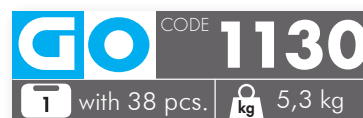
UNIVERSAL


- Allows the installation of the parking sensors in the new bumper when it needs to be replaced, for example due to an accident.
- Centering pins included, which are used to position the sensor support precisely with the center of the hole, and to be able to glue it properly afterwards.
- Quality punching machines feature precise work results and drill clean holes with burr-free edges. As such, the original shape is guaranteed even after repair.

Components

- 1 x punching machines/centering pin set 2 pcs. Ø18.0mm for BMW/Skoda
- 1 x punching machines/centering pin set 2 pcs. Ø18.2mm for VW/Seat
- 1 x centering pin Ø17.8mm for VW/Seat
- 1 x punching machines/centering pin set 2 pcs. Ø18.4mm for VW
- 1 x punching machines/centering pin set 2 pcs. Ø24.0mm for Opel/Vauxhall
- 1 x punching machines/centering pin set 2 pcs. Ø26.0mm for VW/Seat
- 1 x punching machines/centering pin set 2 pcs. Ø26.7mm for VW/Skoda
- 1 x punching machines/centering pin set 2 pcs. Ø27.4mm for Skoda
- 1 x punching machines/centering pin set 2 pcs. Ø28.1mm for Skoda
- 1 x punching machines/centering pin set 2 pcs. Ø32.0mm for BMW

- 1 x punching machine Ø32.5mm for BMW (without centering pin due to the oblique mounting position of the PDC sensor)
- 1 x punching machine Ø38.9mm for VW (PLA) (without centering pin due to the oblique mounting position of the PLA = park assist)
- 1 x punching machine drive 3/8" with ball bearing
- 1 x tip Ø10mm

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- Thanks to this assortment we have achieved the highest market coverage possible today.

G

PDC INSTALLATION KIT -

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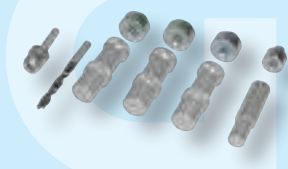
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OPEL



PDC INSTALLATION KIT - SKODA

SKODA



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 18mm
- 1 x hole punching/centering mandrel set 2 pcs. Ø 26.7mm
- 1 x hole punching/centering mandrel set 2 pcs. Ø 27.4mm
- 1 x hole punching/centering mandrel set 2 pcs. Ø 28.1mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm



CODE **1133**

1 with 10 pcs. **kg** 1 kg



PDC INSTALLATION KIT - VW

GROUP VW



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 18mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm



CODE **1134**

1 with 4 pcs. **kg** 0,2 kg



PDC INSTALLATION KIT - VW

GROUP VW



Components

- 1 x hole punching / centering mandrel set 2 pcs. Ø18.2mm
- 1 x centering pin Ø17.8mm for VW/ Seat
- 1 x hole punching / centering mandrel set 2 pcs. Ø18.4mm
- 1 x hole punching / centering mandrel set 2 pcs. Ø26.0mm
- 1 x hole punch Ø26.5mm (PLA)
- 1 x hole punching / centering mandrel set 2 pcs. Ø26.7mm
- 1 x hole punching / centering mandrel set 2 pcs. Ø28.1mm
- 1 x hole punch Ø29.3mm (PLA)
- 1 x hole punch Ø38.9mm (PLA)
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø10mm



CODE **1135**

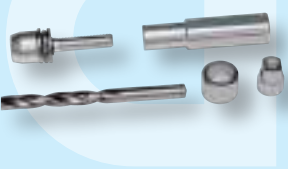
1 with 24 pcs. **kg** 3,1 kg



PDC INSTALLATION KIT - SEAT, VW

SEAT

GROUP VW



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 18.2mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm



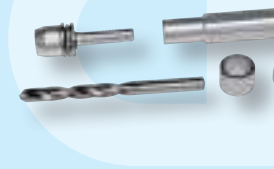
CODE **1136**

1 with 5 pcs. **kg** 0,3 kg



PDC INSTALLATION KIT - VW

GROUP VW



Componenti

- 1 x hole punching/centering mandrel set 2 pcs. Ø 18.4mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm



CODE **1137**

1 with 5 pcs. **kg** 0,3 kg

G PDC INSTALLATION KIT - VW, SEAT

GROUP VW

SEAT

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 26mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1138**

1 with 5 pcs. **kg** 0,3 kg

G PDC INSTALLATION KIT - VW, SEAT

GROUP VW

SEAT

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 26.7mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1139**

1 with 10 pcs. **kg** 0,8 kg

G PDC INSTALLATION KIT - SKODA

SKODA

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 27.4mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1140**

1 with 5 pcs. **kg** 0,3 kg

G PDC INSTALLATION KIT - VW, SKODA

GROUP VW

SKODA

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 28.1mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1141**

1 with 5 pcs. **kg** 0,3 kg

G PDC INSTALLATION KIT - BMW

BMW

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 32mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1142**

1 with 5 pcs. **kg** 0,3 kg

G PDC INSTALLATION KIT - VW

GROUP VW

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 32.5mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1143**

1 with 4 pcs. **kg** 0,2 kg

G PDC INSTALLATION KIT - VW

GROUP VW



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 38.9mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1144**

1 with 4 pcs. **kg** 0,2 kg

G PDC INSTALLATION KIT - BMW, VW

BMW

GROUP VW



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 17.8mm

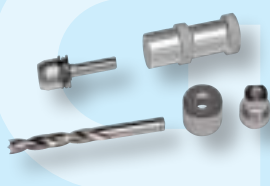
GO CODE **1149**

1 with 1 pcs. **kg** 0,1 kg

G PDC INSTALLATION KIT - VW, SKODA

GROUP VW

SKODA



Components

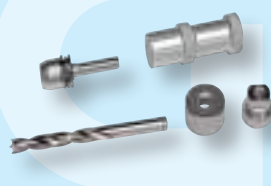
- 1 x hole punching/centering mandrel set 2 pcs. Ø 18.6mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1154**

1 with 5 pcs. **kg** 0,3 kg

G PDC INSTALLATION KIT - FCA

FCA



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 19mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1156**

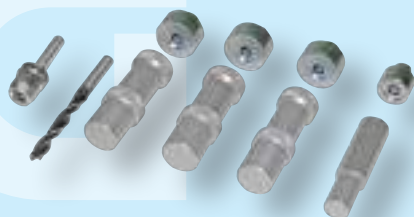
1 with 5 pcs. **kg** 0,3 kg

G PDC INSTALLATION KIT - PSA, RENAULT, DACIA

PSA

RENAULT

DACIA



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø17.5mm
- 1 x hole punching/centering mandrel set 2 pcs. Ø18mm
- 1 x hole punching/centering mandrel set 2 pcs. Ø18.5mm
- 1 x hole punching/centering mandrel set 2 pcs. Ø22mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø10mm

GO CODE **1157**

1 with 14 pcs. **kg** 1 kg

G PDC INSTALLATION KIT - TOYOTA

TOYOTA

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 20mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1158**
1 with 5 pcs. 0,3 kg

G PDC INSTALLATION KIT - VW, RENAULT

GROUP VW

RENAULT

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 17.5mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1159**
1 with 5 pcs. 0,3 kg

G PDC INSTALLATION KIT - PSA

PSA

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 18.5mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1160**
1 with 5 pcs. 0,3 kg

G PDC INSTALLATION KIT - DACIA, RENAULT

DACIA

RENAULT

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 22mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1161**
1 with 5 pcs. 0,3 kg

G PDC INSTALLATION KIT - VW

GROUP VW

Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 26.5mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1162**
1 with 4 pcs. 0,2 kg

G PDC INSTALLATION KIT - VW

GROUP VW

Components

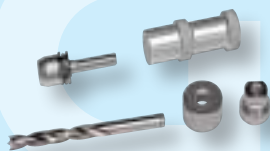
- 1 x hole punching/centering mandrel set 2 pcs. Ø 29.3mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

GO CODE **1163**
1 with 5 pcs. 0,3 kg



PDC INSTALLATION KIT - PSA

PSA



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 17mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

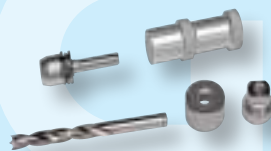
CODE **1164**

1 with 5 pcs. 0,3 kg



PDC INSTALLATION KIT - PSA

PSA



Components

- 1 x hole punching/centering mandrel set 2 pcs. Ø 21mm
- 1 x 3/8" Hole punching drive with ball bearing
- 1 x drill Ø 10 mm

CODE **1165**

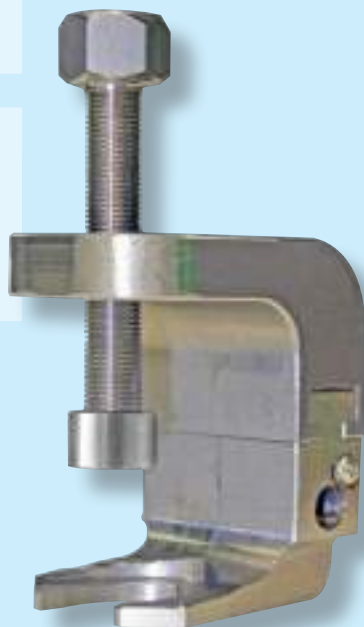
1 with 5 pcs. 0,3 kg

CODE	SIZE Ø	COMPONENTS				APPLICATIONS											
		Punching	Centering	Drill 10	Hole punching drive	ALFA	BMW	DACIA	FIAT	LANCIA	JEEP	PSA	RE-NAULT	SKODA	VW	OPEL	TOYOTA
GO1164	17 mm	X	X	X	X							X					
GO1159	17,5 mm	X	X	X	X								X		X		
GO1149	17,8 mm		X				X								X		
GO1134	18 mm	X	X	X	X							X		X			
GO1136	18,2 mm	X	X	X	X		X								X		
GO1137	18,4 mm	X	X	X	X										X		
GO1160	18,5 mm	X	X	X	X							X					
GO1154	18,6 mm	X	X	X	X									X	X		
GO1156	19 mm	X	X	X	X	X			X	X	X						
GO1158	20 mm	X	X	X	X												X
GO1165	21 mm	X	X	X	X							X					
GO1161	22 mm	X	X	X	X			X					X				
GO1131	24 mm	X	X	X	X											X	
GO1138	26 mm	X	X	X	X										X		
GO1162	26,5 mm	X		X	X										X		
GO1139	26,7 mm	X	X	X	X									X	X		
GO1140	27,4 mm	X	X	X	X									X			
GO1141	28,1 mm	X	X	X	X									X	X		
GO1163	29,3 mm	X	X	X	X										X		
GO1142	32 mm	X	X	X	X		X										
GO1143	32,5 mm	X		X	X		X										
GO1144	38,9 mm	X		X	X										X		



WIPER EXTRACTOR WITH ADJUSTABLE FORK

UNIVERSAL



- Extractor for removing the wiper arm from the wiper shaft.
- Special version with adjustable fork spring controlled
- Extraction spindle with turning head made of aluminium to prevent damage to shaft.
- The ultra-thin fork design allows the usage in very narrow spaces.
- Money saving - replacing countless other extractor tools!

Advantages

- The wide radius allows you to work even on very large wiper
- Strong design for blocked windscreen wiper
- The wide adjustment range covers different sizes
- The spring mechanism balances the pressure on half-fork.

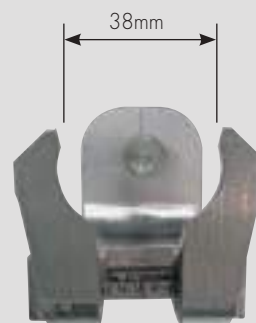
Technical data

Screw	M10x1,0
Connection	SW 17 mm
Fork width	16 – 38 mm
Working height	48 mm
Weight	0,5 kg



CODE **1151**

1 with 1 pcs. **kg** 0,6 kg





WIPER ARM EXTRACTOR MASTER SET

UNIVERSAL


- Needed to extract the windscreen wiper arms from the wiper arm shaft.
- Gentle removal without damaging the body or the wiper arm and the shaft.
- Depending on the type of support, it can be used to remove the pressure spindle or the slide hammer.
- For wiper arm shafts with internal washer nozzle, either a hollow spindle attachment or the slide hammer is available.
- Especially universally applicable range with the greatest possible market or model coverage.

Components

- 1 x pressure spindle 95mm, M12
- 1 x spindle attachment hollow, for central washing nozzles, brass
- 1 x spindle extension, brass
- 1 x slide hammer
- 8 x fork insert
- 1 x wiper arm extractor, fork width 15.0mm (to be used like OE T10369/1)
- 1 x wiper arm extractor, fork width 24.0mm (to be used like OE T10369/2)
- 1 x wiper arm extractor, fork width 15.0mm (to be used like OE T10369/3)
- 1 x wiper arm extractor, fork width 26.5mm (to be used like OE T10369/4)
- 1 x universal 2-arm extractor with two arm pairs
- 1 x wash nozzle cleaning and adjustment pin



GO	CODE	1150
	with 18 pz.	
	kg	6,4 kg

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SYSTEM CABINETS



SYSTEM STACKING CABINET FOR GOBOX CASE

276-278





SYSTEM STACKING CABINET FOR GOBOX SMART CASE



Notice

- Supplied without case

GOBOX case

technical data Model 1

- Width: 500 mm
- Depth: 380 mm
- **Height: 85 mm**
- Material: ABS
- Product weight: 2.354 g



GOBOX case technical data

Model 2

- Width: 500 mm
- Depth: 380 mm
- **Height: 140 mm**
- Material: ABS
- Product weight: 2.822 g



GOBOX case technical data

Model 3

- Width: 370 mm
- Depth: 270 mm
- **Height: 85 mm**
- Material: ABS
- Product weight: 1.360 g



- Organisation system consisting of stackable modules for 3 or 5 GOBOX system cases that can also be screwed into each other.
- Ball-bearing-mounted telescopic extensions.
- Side panels and rear panel with square perforation.
- Central locking with two keys.



CODE
1401

5 DRAWERS


with 1 pcs.


22 kg

Application

- Stackable modules for nr.5 GOBOX System cases **H=85mm**
Model **1**


Cabinet technical data

- Width x depth x height:
580x455x490 mm
- Load per tray: 20 Kg
- Colour: graphite black (RAL 9011)
- Material: Sheet steel Powder-coated





CODE
1402

3 DRAWERS


with 1 pcs.


18,5 kg

Application

- Stackable modules for nr.3 GOBOX System cases **H=140mm**
Model **2**


Cabinet technical data

- Width x depth x height:
580x455x490 mm
- Load per tray: 20 Kg
- Colour: graphite black (RAL 9011)
- Material: Sheet steel Powder-coated






CODE
1403

5 DRAWERS


with 1 pcs.


22 kg

Application

- Stackable modules for nr.5 GOBOX System cases **H=85mm**
Model **3**

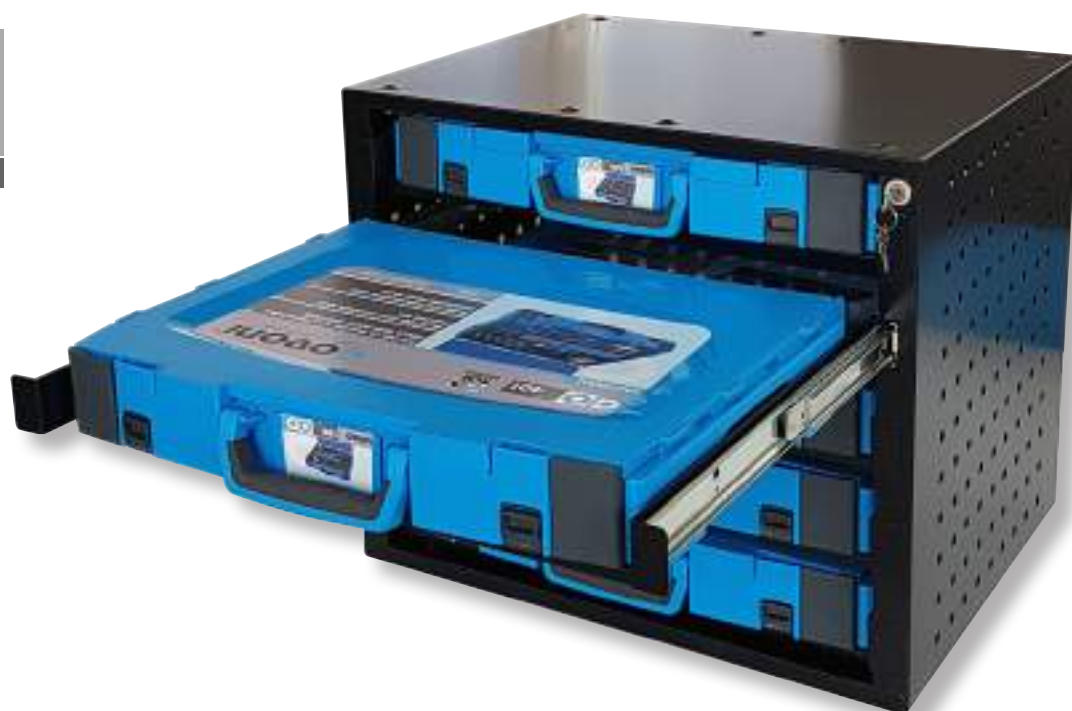

Cabinet technical data

- Width x depth x height:
455x290x490 mm
- Load per tray: 20 Kg
- Colour: graphite black (RAL 9011)
- Material: Sheet steel Powder-coated





video online



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GO 010	2
GO 011	3
GO 012	8
GO 015	17
GO 016	18
GO 017	19
GO 020	20
GO 025	22
GO 030	23
GO 031	25
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GO 034	26
GO 035	26
GO 036	26
GO 038	14
GO 040	27
GO 041	18
GO 042	29
GO 043	30
GO 045	28
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GO 1103	237
GO 1104	237
GO 1105	237
GO 1106	238
GO 1108	238
GO 1130	265
GO 1131	266
GO 1132	266
GO 1133	267
GO 1134	267
GO 1135	267
GO 1136	267
GO 1137	267

GO 1138	268
GO 1139	268
GO 1140	268
GO 1141	268
GO 1142	268
GO 1143	268
GO 1144	269
GO 1145	263
GO 1146	264
GO 1147	264
GO 1148	264
GO 1149	269
GO 1150	273
GO 1151	272
GO 1154	269
GO 1155	264
GO 1156	269
GO 1157	269
GO 1158	270
GO 1159	270
GO 1160	270
GO 1161	270
GO 1162	270
GO 1163	270
GO 1164	271
GO 1165	271
GO 1200	190
GO 1201	189
GO 1202	189
GO 1203	189
GO 1204	189
GO 1205	187
GO 1206	187
GO 1207	187
GO 1208	187
GO 1209	187
GO 1210	188
GO 1211	188
GO 1213	188
GO 1214	188
GO 1300	254

GO 1301	254
GO 1302	255
GO 1303	255
GO 1304	256
GO 1305	256
GO 1306	256
GO 1307	256
GO 1308	242
GO 1309	242
GO 1310	241
GO 1311	253
GO 1312	253
GO 1313	253
GO 1314	253
GO 1315	253
GO 1316	253
GO 1317	253
GO 1318	251
GO 1319	242
GO 1320	242
GO 1321	243
GO 1322	243
GO 1323	243
GO 1324	243
GO 1325	244
GO 1326	244
GO 1327	244
GO 1328	244
GO 1329	245
GO 1330	245
GO 1331	245
GO 1332	245
GO 1333	246
GO 1334	246
GO 1335	246
GO 1336	246
GO 1337	247
GO 1338	247
GO 1339	247
GO 1340	247
GO 1341	248

GO 1342	248
GO 1343	248
GO 1344	248
GO 1345	249
GO 1346	249
GO 1347	249
GO 1348	249
GO 1349	250
GO 1350	250
GO 1351	250
GO 1352	250
GO 1353	253
GO 1355	240
GO 1401	276
GO 1402	276
GO 1403	276
GO 1450	182

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