**SPECIAL PRICE PROMOTION**

**WORKSHOP EQUIPMENT. HYDRAULIC TOOL, BODYWORK SAW, DBL 500 CHARGING COMPUTER, PROTECTIVE COVER.**

Hydraulic tool system (BMW Package).

- The removal and fitting of drive flanges, wheel bearings and output shafts demands high forces, particularly on older vehicles.
- With the modular tool system, repairs to the wheel bearing section are made significantly easier.

**Opportunities for use.**
- Pushing out and drawing in the output shaft from the drive flange hub.
- Removal of the drive flange hub from the wheel bearing.
- Removal and pressing-in of the wheel bearings from the wheel carriers / pivot bearings.
- Removal of the wheel bearing inner ring from the drive flange hub.
- The output shaft and drive flange can be installed in the wheel bearing in a single step.

**Benefits.**
- Comparatively easy and comfortable handling, since the main components of the compact unit are made from aluminium.
- Very little force required on the part of the user thanks to hydraulic translation (compressive force 200 kN).
- Consequently, components can be removed and installed much more quickly.
- There are no frictional forces in threads and therefore also no wear.
- With the MINI add-on set, this system can also be used for MINI cars.

**Part number** 81 64 2 160 009

**Promotional price.**
Please ask your contact person in the National Sales Company (NSC) or your importer for concrete pricing information.

**Promotional period (including for recommended accessories).**
3 September to 4 November 2012

**Supplied package.**
- 3 cases (hydraulic unit, adapter set 1, adapter set 2 - please see page 2).

**Availability.**
Immediately / stock goods

**Workshop equipment catalogue.**
www.bmwgroup-wep.com
workshopequipment@bmwgroup.com

Please place orders via the usual parts procurement route.
SPECIAL PRICE PROMOTION
WORKSHOP EQUIPMENT. HYDRAULIC TOOL, BODYWORK SAW, DBL 500 CHARGING COMPUTER, PROTECTIVE COVER.

**BMW Package scope of delivery.**

Hydraulic unit.
- Powerful hydraulic unit with a compressive force of 200 kN, a weight of just 4,600 g and a piston stroke of 50 mm.

Adapter set 1.
- This contains the components required for all BMW cars.

Adapter set 2.
- This set contains the vehicle-specific components for connection to different wheel carriers and wheel bearings.

**Recommended accessories.**

MINI add-on set.
- This set extends the TKR hydraulic tool system to include the MINI.

**Part number 81 64 2 294 518**

Threaded spindle set.
- Spindle set for removing and installing the rubber bearings on the rear axle support (in combination with specialist tools that are described in the relevant repair instructions).

**Part number 81 64 2 318 661**

**Adapter for torque wrench.**
- Adapter for attaching a torque wrench (see repair instructions).

**Part number 81 64 2 318 661**

**Promotional prices of all recommended accessories.**
Please ask your contact person in the National Sales Company (NSC) or your importer for concrete pricing information.

Please place orders via the usual parts procurement route.

**Availability (recommended accessories).**
Immediately / stock goods

**Workshop equipment catalogue.**
www.bmwgroup-wep.com
workshopequipment@bmwgroup.com
WPS 3000 bodywork saw.

- This low-vibration, pneumatic bodywork saw is designed for cutting steel panels up to 3.0 mm thick and aluminium up to 4.0 mm thick on vehicle bodywork.

Benefits.
- The hand grip housing is coated with an oil-resistant layer that improves the temperature insulation and grip.
- The newly designed and torsionally more resistant counter support is made from stainless steel, preventing any rust particles from falling onto the bodywork surface.
- The tool holder can accommodate both saw blades and files with a shaft diameter of 4 mm as standard.

Supplied package.
- 1 x pneumatic bodywork saw.
- 1 x compressed air hose with ¼" standard plugged air connection.
- 1 x saw blade 14 tpi (teeth per inch), 18 tpi, 24 tpi, 28 tpi and 32 tpi.
- 1 x assembly tool.
- 1 x operating instructions.
- 1 x transport case.

Technical data.
- Operating pressure: max. 6.3 bar
- Weight: approx. 0.83 kg
- Air consumption: 300 l/min.
- Output: 300 W.
- Stroke frequency: 130 – 200 Hz.
- Stroke length: 10 mm.
- Stroke number: 12,000 min⁻¹

Part number 81 43 2 299 088

Promotional price.
Please ask your contact person in the National Sales Company (NSC) or your importer for concrete pricing information.

Promotion period.
3 September to 4 November 2012

Availability.
Immediately / stock goods

Workshop equipment catalogue.
www.bmwgroup-wep.com
workshopequipment@bmwgroup.com

Recommended accessories.
The associated saw blade sets are listed in and can be ordered from the catalogue.

Please place orders via the usual parts procurement route.
WPF 3000 bodywork saw.

- The stroke length of this low-vibration, pneumatic bodywork saw can be steplessly adjusted.
- This product is designed for cutting steel panels up to 3.0 mm thick and aluminium up to 4.0 mm thick on vehicle bodywork.

Benefits.
- The hand grip housing is coated with an oil-resistant layer that improves the temperature insulation and grip.
- The newly designed and torsionally more resistant counter support is made from stainless steel, preventing any rust particles from falling onto the bodywork surface.
- The tool holder can accommodate both saw blades and files with a shaft diameter of 4 mm as standard.

Supplied package.
- 1 x pneumatic bodywork saw.
- 1 x compressed air hose with ¼" standard plugged air connection.
- 1 x saw blade 14 tpi (teeth per inch), 18 tpi, 24 tpi, 28 tpi and 32 tpi.
- 1 x assembly tool.
- 1 x operating instructions.
- 1 x transport case.

Technical data.
- Operating pressure: max. 6.3 bar
- Weight: approx. 0.83 kg
- Air consumption: 300 l/min.
- Output: 300 W.
- Stroke frequency: 130 – 200 Hz.
- Stroke length: 10 mm.
- Stroke number: 12,000 min⁻¹

Part number 81 43 2 299 089

Promotional price.
Please ask your contact person in the National Sales Company (NSC) or your importer for concrete pricing information.

Promotion period.
3 September to 4 November 2012

Availability.
Immediately / stock goods

Workshop equipment catalogue.
www.bmwgroup-wep.com
workshopequipment@bmwgroup.com

Recommended accessories.
The associated saw blade sets are listed in and can be ordered from the catalogue.

Please place orders via the usual parts procurement route.
SPECIAL PRICE PROMOTION

WORKSHOP EQUIPMENT. HYDRAULIC TOOL, BODYWORK SAW, DBL 500 CHARGING COMPUTER, PROTECTIVE COVER.

DBL 500 charging computer
- This charging computer can be used to ensure the ideal voltage supply to the batteries of cars on display in the showroom.

Benefits.
- Charging cable with fully insulated clips, high impedance switch.
- Temperature monitoring.
- Short-circuit and reverse polarity protection.
- Protection function for battery defects.
- Protection for the on-board electronics, airbag.
- Mini-USB interface for optional firmware update.

Technical data.
- Power supply 100...240 V; 45...65 Hz.
- Charging voltage: 14 V.
- Charging current: 36 A.
- Operating temperature: -25°C to +40°C.
- Dimensions (WxDxH in mm): 164 x 347 x 84.
- Weight: approx. 4.8 kg
- Protection class: IP40.

Supplied package.
- DBL 500 charging computer.
- Charging cable (3 m with integrated plug connection)
- Mains cable for Europe.

Recommended accessories.
- Mains cable set (worldwide).

Promotion period.
3 September to 4 November 2012

Part number 81 39 2 304 483
Promotional price.
Please ask your contact person in the National Sales Company (NSC) or your importer for concrete pricing information.

Availability.
Immediately / stock goods

Workshop equipment catalogue.
www.bmwgroup-wep.com
workshopequipment@bmwgroup.com

Part number 81 39 2 210 817
Promotional price.
Please ask your contact person in the National Sales Company (NSC) or your importer for concrete pricing information.

Availability.
Immediately / stock goods

Please place orders via the usual parts procurement route.
SPECIAL PRICE PROMOTION

WORKSHOP EQUIPMENT. HYDRAULIC TOOL, BODYWORK SAW, DBL 500 CHARGING COMPUTER, PROTECTIVE COVER.

Protective cover: front cover and head protection.
- The new model series (F01 onwards) feature various country-specific safety systems for active pedestrian protection.
- The "safety" front cover is equipped with 5-layer padding in the area of the bonnet locks and protects the mechanic from injury if the active pedestrian protection mechanism is inadvertently triggered.
- Special head protection has been developed for the retaining hook on the inside of the bonnet that protects the mechanic's head when carrying out repair and servicing work in the engine compartment.

Benefits.
- Protects against inadvertent triggering of the pyrotechnic pedestrian protection in the front end panel.
- The head protection comprises a metal-reinforced plastic pouch and is equipped with 2 Velcro strips to prevent it from slipping off.

Can also be ordered separately.
"Safety" front cover:
Part number 81 47 2 159 868

1 pair of safety head protection:
Part number 81 47 2 159 869
Promotional prices of both separate materials.
Please ask your contact person in the National Sales Company (NSC) or your importer for concrete pricing information.

Please place orders via the usual parts procurement route.

Set: BMW universal "safety" bonnet incl. head protection retaining hook (2 x):
Part number 81 47 2 155 767
Promotional price.
Please ask your contact person in the National Sales Company (NSC) or your importer for concrete pricing information.

Promotional period for all 3 articles. 3 September to 4 November 2012
Availability of all 3 articles. Immediately / direct goods

Workshop equipment catalogue.
www.bmwgroup-wep.com
workshopequipment@bmwgroup.com

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