

# SERVICE FLUIDS AND CHEMICAL PRODUCTS

## REASONS TO CHOOSE BMW/MINI ENGINE OIL

#### **PROTECTION**

Protects the engine from sludge, which enables a long engine service life.<sup>1</sup>

#### **CLEANLINESS**

Captures dirt particles, which reduces deposits in the engine.

#### **ECONOMY**

Has a lower tendency to evaporate, which leads to low oil consumption and thus less frequent top-offs.<sup>2</sup>

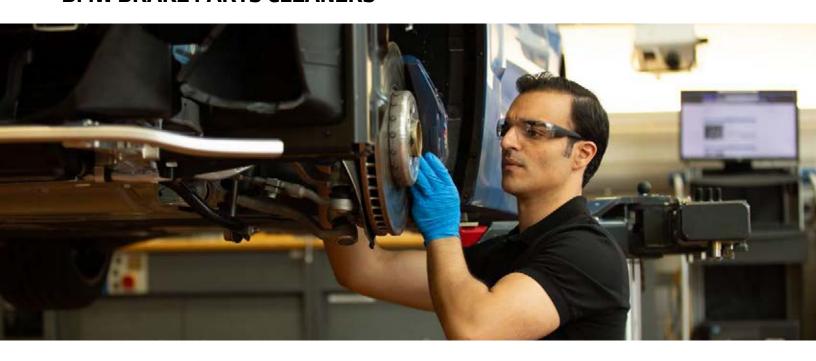
#### **PERFORMANCE**

Ensures an outstanding low temperature performance, even in temperatures as low as -40°C, which enables easier cold-start characteristics.<sup>3</sup>



(1) Based on industry standard sludge tests; (2) based on industry standard NOACK tests; (3) applies for all OW-30 grades. 5W-grades ensure a low-temperature performance in temperatures as low as -35°C.

## **BMW BRAKE PARTS CLEANERS**







## Brake Parts Cleaner, Non-Chlorinated, 45% VOC, BMW Group

Quickly removes grease and oil. Dries fast with no residue. Contains no chlorinated solvents or CFC propellants. For metal brake parts only. This product is not for sale in California, Utah, or other states that prohibit 45% VOCs in Brake Cleaners.

14oz 12 pieces 83 19 2 451 315 83 22 2 451 317 55 gal 1 drum

Brake Parts Cleaner, Non-Chlorinated, 10% VOC, BMW Group

Quickly removes grease and oil. Dries fast with no residue. Contains no chlorinated solvents or CFC propellants. For metal brake parts only. This product is a 50-State VOC compliant formula.

83 19 2 451 316 15oz 83 22 2 451 318 55 gal 1 drum 12 pieces

## HT-12 ANTIFREEZE/COOLANT - NEW

## **Exclusively formulated for BMW Group**

#### HT-12 Antifreeze/Coolant

- Exclusively formulated for BMW Group.
- Free of phosphates, nitrites, amines and borates.
- State-of-the-art, silicated organic acid technology (Si-OAT) for advanced protection of all cooling system metals, including aluminum.
- Protects modern, hotter running engines from the formulation of harmful deposits due to CAB flux.
- Please remember to match replacement product to the original factory fill.

BMW: 83 19 2 468 442 1 gal 6 pieces MINI: 83 19 2 468 443 1 gal 6 pieces



## **GASOLINE FUEL ADDITIVE FOR ENGINE PROTECTION**

Low quality fuel causes deposits in the engine that can lead to loss of performance.

## The benefits of using BMW & MINI Fuel Additive Petrol:

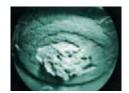
- Keeps the combustion chambers, the injectors and the fuel system clean.
- Protects the engine against harmful deposits.
- Protects against corrosion caused by fuels containing ethanol.
- Prevents ageing of fuel in the tank, especially advisable for hybrid, seasonally used and standing vehicles.
- Specially developed for BMW Group.
- Offers market-leading fuel additive technology.
- Use before refueling every 3,000 miles for **normal** conditions.
- Use before refueling every 1,000 miles for **severe** conditions.



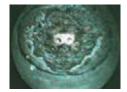




1. Encrusted injector.



2. Cleansing performance of other conventional products after one tank filling.



3. Cleansing performance of BMW & MINI Fuel Additive Petrol after one tank filling.

## Fuel Additive Petrol, BMW

Prevent and remove deposits caused by low quality fuel that can hinder engine performance.

83 19 5 A07 750 100 mL 24 pieces

## Fuel Additive Petrol, MINI

Prevent and remove deposits caused by low quality fuel that can hinder engine performance.

83 19 5 A07 760 100 mL 24 pieces

## CUSTOMIZE YOUR ATMOSPHERE BMW & MINI AIR INTERIOR FRAGRANCES



## Natural Air Starter Kit, Lava Black, BMW

Includes holder that fastens to air vents. Also includes one Sparkling Raindrops fragrance.

83 12 5 A07 EC3 1 kit 12 kits

Please see Page 14 for more information on the BMW Natural Air parts available.

Customize your atmosphere with the BMW Natural Air system.

The Natural Air holder fits perfectly into your choice of air vents. Load one of six replaceable fragrance sticks and adjust the intensity with an integrated slide control.



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## INTERIOR CLEANING

#### Leather Care Set with UV Protection, BMW

Cleanses, protects and cares for the leather trim in BMW vehicles. Special oils protect the natural properties of the leather. Not for use on suede or Alcantara.



83 19 5 A3A DA7

1 set

6 pieces

#### Interior Cleaner, BMW

Gently and quickly cleans the fabric and plastics in the vehicle's interior.



83 19 5 A3A DA8

8 oz

12 pieces

#### Wipes (Interior), BMW

Solvent/silicone free formula that cleans all interior textile and upholstery surfaces. 10 wipes per pack/ 20 packs per box.



83 19 2 286 942

10 wipes (1 pack)

20 pack

#### Wipes (Leather), BMW

Designed to clean, condition and protect all smooth leather surfaces. Contains conditioning oils to help maintain and restore natural luster. Also safe to use on vinyl surfaces. 10 wipes per pack/ 20 packs per box.



83 19 2 286 941

10 wipes (1 pack)

20 pack

### Wipes (Glass), BMW

Excellent for windows, mirrors, windshields and other glass surfaces. Ammonia-free, safe for factory and aftermarket tinted glass. Streak free shine. 10 wipes per pack/ 20 packs per box.



83 19 2 286 940

10 wipes (1 pack)

20 pack

### Odor Remover, BMW Group

Removes and neutralizes odors quickly and easily.



83 19 2 360 464

3.1 oz

## **ORIGINAL BMW CARE PRODUCTS**

#### Foam Leather Cleaner, BMW

For thorough and gentle cleaning of all smooth natural and faux leathers.



83 12 2 298 210

11 oz

12 pieces

#### **Yellow Detailing Cloth**

Removes oily or filmy residue including waxes, polishes, glazes and fingerprints, and is ideal for paint, chrome, glass, dashboards, and more. 3M's unique super-soft micro-texture won't scratch or streak delicate surfaces.



51 91 2 466 423

6 pk

1 pack of 6 cloths

#### **Blue Detailing Cloth**

Removes oily or filmy residue including waxes, polishes, glazes and fingerprints, and is ideal for paint, chrome, glass, dashboards, and more. 3M's unique super-soft micro-texture won't scratch or streak delicate surfaces.



51 91 2 466 842

6 pk

1 pack of 6 cloths

#### PureCare Wood and Kenaf with Bio Sandalwood Extract, BMW

For use on open-pored surfacers, especially wood. Product cleans surfaces, and renews the protective shield. With micro repair formula for natural minerals, the natural emulsion will prevent surface swelling. Natural ingredients include beeswax, sandalwood, and carnauba wax.



83 12 5 A16 2E4

10 oz

6 pieces

#### PureCare Leather and Upholstery Cleaner with Bio Orange Oil Extract, BMW

Designed for upholstery and high-quality leather, this product has a mild composition but a very strong impact. Effective through the use of natural orange parings, and cleans without getting sticky.



83 12 5 A16 459

10 oz

6 pieces

#### PureCare Glass Cleaner with Bio Ginger Extract, BMW

PureCare glass cleaner contains mild ingredients, but is a powerful and effective cleaning agent.



83 12 2 472 233

10 oz

## **EXTERIOR CLEANING**

#### Detailing Wash Mitt, Fine Grade, BMW

Fine Grade wash mitt for new cars, dark and black paints. Works fast and achieves professional results with advanced rubber polymer technology. Safely and easily removes overspray, water spots, fresh tree sap, rail dust and other bonded surface contaminants from the surface of automotive paint, glass, moldings and plastic. If you drop the Detailing Wash Mitt on the ground, just rinse the rubber clean and continue use.



83 19 5 A19 D86

1 mitt

1 piece

#### Detailing Wash Mitt, Medium Grade, BMW

Medium Grade wash mitt for cars with medium to heavy contamination and light color paint. Works fast and achieves professional results with advanced rubber polymer technology. Safely and easily removes overspray, water spots, fresh tree sap, rail dust and other bonded surface contaminants from the surface of automotive paint, glass, moldings and plastic Glides easily and allows for sturdy and controlled handling.



83 19 5 A19 D87

1 mitt

1 piece

#### Instant Shine Detailing Spray, BMW Group

Cleans, polishes and protects plastic and painted surfaces.



83 23 8 836 818

16 oz

6 pieces

#### 3M™ Perfect-It Cleaner Clay

A paint-cleaning compound that grabs foreign particles as it glides across the paint. The particles stick to the clay and do not redeposit onto the surface. Paint will feel glassy smooth and highly reflective. Used twice a year, clay will prevent paint oxidation and keep the finish looking as good as new.



83 23 8 836 819

7 oz

6 pieces

#### Car Wash Shampoo Concentrate, BMW

When used as directed, creates a solution that removes dirt quickly and thoroughly without damaging paint or protective wax coatings. Do not use on vehicles with a Matte paint finish.



83 19 2 455 136

8 oz

12 pieces

#### Glass Cleaner with Anti-Fog, BMW

Removes grease, oil, insects and other residue from all glass and mirror surfaces on the inside and outside of the vehicle.



83 19 2 455 137

16 oz

## **ORIGINAL BMW CARE PRODUCTS**

#### **Industrial Glass Cleaner, BMW Group**

Fast acting, deep cleaning foam. Leaves no film or residue. Safe for factory-tinted windows. No streak formula.



83 19 2 446 567

19 oz

12 pieces

#### Bug Tar and Treesap Remover, BMW

Special product for removal of treesap, insects, tar, or bird droppings from chrome, paint, glass and convertible roofs. Do not use on vehicles with a Matte paint finish.



83 19 2 455 138

8 oz

12 pieces

#### Wheel Rim Cleaner, BMW

Highly effective, acid-free special cleaner that changes color when it's time to rinse off (3-5 minutes). Can be used on all steel and alloy wheels. Removes baked-on brake dust, oil and rubber residues and other road grime.



83 19 5 A3A DA9

16 oz

12 pieces

#### Express Wax, BMW

A highly effective, quick and easy-to-use polish for standard and metallic paint. Seals paint without heavy polishing. Do not use on vehicles with a Matte paint finish.



83 19 2 455 139

16 oz

12 pieces

#### Hard Wax, BMW

Provides up to 300% more preservation and wash resistance than traditional waxes. Enhances the shine and color of all standard and metallic paint. Do not use on vehicles with a Matte paint finish.



83 19 2 455 140

8 oz

12 pieces

#### Convertible Soft Top Cleaner, BMW

Cleans soft tops to like new condition. Removes environmental contamination. Safe to use on light and dark soft top colors.



83 12 5 A16 139

500 mL

#### Convertible Soft Top Sealer, BMW

Gives soft tops a continuous water and dirt repellent protective layer. Prevents soaking, speeds up drying and is suitable for all textile soft tops.



83 12 2 298 223

250 mL

1 piece

#### Tire Shine, BMW

Protects the tire side walls from brittleness and drying out. Do not spray onto treads, brake pads or rims.



83 19 2 455 141

16 oz

12 pieces

#### Silicone Remover Concentrate, BMW

Removes stubborn dirt including silicone and grease on glass surfaces. Can be used in windshield washer reservoir at a 1:20 ratio mixed with water. Can also be used with a sponge for spot cleaning.



83 12 5 A16 119

250 mL

6 pieces

#### **Ultimate Cleaning Kit, BMW**

Cleans, Polishes and Protects - all in one kit. Kit Contents: (1) Car Wash Shampoo Concentrate 8 fl oz,

- (1) Express Wax 16 fl oz, (1) Tire Shine 16 fl oz, (1) Wheel Rim Cleaner 16 fl oz, (1) Interior Cleaner 8 fl oz,
- (1) Glass Cleaner with Antifog 16 floz, (2) Microfiber Cloths 16 in x 16 in, (1) Sponge.



83 19 5 A4F 202

1 kit

1 kit

### Matte Paint Special Shampoo, BMW

Specially developed and approved for BMW Matte paint. Intensive and manual vehicle wash for matte paint. Preserves and extends the life of protective coatings.



83 12 5 A16 473

17 oz

12 pieces

### Matte Paint Special Cleaner, BMW

Specially developed and approved for BMW Matte paint. Removes water-soluble and water-based contaminants. For intensive and manual stain removal on matte paint.



83 12 5 A16 474

17 oz

#### Matte Paint Special Nano Wax, BMW

Specially developed and approved for BMW Matte paint. Protects from salt spray, tree resin and other contaminants without changing the gloss.



83 12 2 293 949

200 mL

1 piece

#### Matte Paint Care Application Set, BMW

Set includes two microfiber cloths and three different-sized applicator sponges. The special microfiber cloths, which are not hemmed at the edges, are used to clean the surface with the matte paint special cleaner.



83 12 2 353 747

1 set

1 set

#### Acid Neutralizer, BMW Group

Neutralizes acids which may have been deposited on the paint surface during transportation and storage. Removes waxes and hard water spots. Excellent pre-wash for body shop - removes silicones, waxes and other contaminants before sanding. Saves time when applied to used vehicles - removes oxidation and reduces buff time.



83 23 8 836 815

1 gal

4 pieces

#### Alkaline Neutralizer, BMW Group

Deep cleans painted surfaces to remove alkaline deposits. Dissolves ferrous metal particles while breaking their bond to the paint so that they safely and easily float away.



83 23 8 836 816

1 gal

4 pieces

#### Detail Wash, BMW Group

Returns paint to its original factory pH level. Excellent for everyday use. The pH 7.0 (neutral) formula removes dirt without stripping waxes, polishes or sealants.



83 23 8 836 817

1 gal

## **WINDSHIELD WASH**

#### Windshield Washer Fluid, 35%, RTU, BMW

Ready to use formula. Helps to clean salt, frost, dirt and other road grime from windshield. Protection from freezing down to -25°F.



83 19 2 361 205

1 gal

6 pieces

#### Windshield Washer Fluid, 35%, BMW Group

Helps to clean salt, frost, dirt and other road grime from windshield. Protection from freezing down to -25°F. Refer to label for dilution instructions.



83 19 2 406 220

55 gal

1 drum

#### Windshield Washer Fluid, Concentrate, BMW Group

Helps to clean salt, frost, dirt and other road grime from windshield. Protection from freezing down to -25°F. Refer to label for dilution instructions.



83 23 8 836 820

7,040 oz (55 gal)

7,040 oz

#### Windshield Washer Concentrate, BMW

Provides streakless cleaning of your windshield. Refer to label for dilution instructions.



83 19 2 221 702

16 oz

12 pieces

## **AIR FRESHENER**

#### Natural Air Display, Limited Edition Add On, BMW

Insert to display 2 additional limited edition natural air fragrances. Use with PN 83 19 2 447 727.



83 12 5 A08 0D3

1 unit

1 unit

#### Natural Air Starter Kit, BMW

Starter kit includes holder that fastens to air vents. Also includes one Sparkling Raindrops fragrance insert.



83 12 2 285 673

1 kit

12 kits

#### Natural Air Starter Kit, Lava Black, BMW

Starter kit includes holder that fastens to air vents. Also includes one Sparkling Raindrops fragrance.



83 12 5 A07 EC3

1 kit

12 kits

#### Natural Air Refill, Amber, BMW

3 fragrance sticks as a refill pack for the car air freshener holder: Exotic blossoms and various spices are the essential top note components. It is said that these natural, essential oils have a sweet, spicy note and a warm atmosphere.



83 12 2 285 676

1 box

8 boxes

#### Natural Air Refill, Tonic, BMW

3 fragrance sticks as a refill pack for the car air freshener holder: Eucalyptus and rosemary are the essential top note components of "Energizing Tonic". It is said that these natural, essential oils have a discreet spicy note and an invigorating effect.



83 12 2 285 675

1 box

8 boxes

#### Natural Air Refill, Green Tea, BMW

3 fragrance sticks as a refill pack for the car air fresher holder: Green Tea and musk are the essential top note components of "Purifying Green Tea." It is said that these natural, essential oils have a fresh fruity note and a balancing effect.



83 12 2 285 674

1 box

8 boxes

#### Natural Air Refill, Vitalizing Woods, BMW

3 fragrance sticks as a refill pack for the car air freshener holder: Slightly woody elements combined with refreshing orange and discreet vanilla make up the essential components of the "Vitalizing Woods" fragrance. An encouraging aura with a warm-hearted basic note is attributed to these natural, essential oils.



83 12 2 285 677

1 box

8 boxes

#### Natural Air Refill, Sparkling Raindrops, BMW

3 fragrance sticks as a refill pack for the BMW Natural Air freshener holder: A bright, refreshing fragrance made from citrus, lily of the valley, and a complex musk blend.



83 12 2 285 679

1box

8 boxes

#### Natural Air Refill, Harmonizing Flowers, BMW

3 fragrance sticks as a refill pack for the car air freshener holder: Jasmine and myrtle are the essential components of the "Harmonizing Flowers" fragrance. Caressing well-being is attributed to these natural, essential oils.



83 12 2 285 678

1box

8 boxes

#### Ambient Air Blue Suite No. 1, BMW

A fresh aquatic scent for a calming seaside vibe.



64 11 9 382 585

1 piece

1 piece

#### Ambient Air Blue Suite No. 2, BMW

A deep coastal scent with hints of mandarin and grapefruit.



64 11 9 382 591

1 piece

1 piece

#### Ambient Air Green Suite No. 1, BMW

A lush garden fragrance with hyacinth and cardamom notes.



64 11 9 382 597

1 piece

1 piece

#### Ambient Air Green Suite No. 2, BMW

A blend of mint, moss and wood scents.



64 11 9 382 603

1 piece

## **ORIGINAL BMW CARE PRODUCTS**

#### Ambient Air Golden Suite No. 1, BMW

A rich, fragrant blend of patchouli, violet, and vanilla.

AMBIENT AIR

64 11 9 382 609

1 piece

1 piece

#### Ambient Air Golden Suite No. 2, BMW

A warm, luxurious blend of cedar, cardamom, and a hint of honey.



64 11 9 382 615

1 piece

1 piece

#### Ambient Air Authentic Suite No. 1, BMW

A dark, leathery blend of wood, amber, and coffee aromas.



64 11 9 382 621

1 piece

1 piece

#### Ambient Air Authentic Suite No. 2, BMW

A blend of lush spices, wood scents, sugar cane, and candied fruit.



64 11 9 382 627

1 piece

1 piece

#### Ambient Air Amber Black Suite No. 1, BMW

Amber Black Suite No. 1 is a symphony of fragrances composed primarily of jasmine combined with the lightest of floral blends, hints of myrrh, and a note of woody warmth



64 11 2 464 927

1 piece

1 piece

#### Ambient Air Amber Black Suite No. 2, BMW

Amber Black Suite No. 2 conjures the mystical magic of the precious wood Oud, evoking the rare, sublime incense of precious agar wood.



64 11 2 464 928

1 piece

## INTERIOR CLEANING

#### Cockpit Plastic Care, MINI

Deep-action emulsion with silicone, for all internal plastic surfaces. This product prevents surfaces from going brittle and turning grey, has an anti-static effect and gives the vehicle a matte shine.



83 12 5 A16 7C9

250 mL

1 piece

#### Wipes (Interior), MINI

Solvent/silicone free formula that cleans all interior textile and upholstery surfaces. 10 wipes per pack/ 20 pks per box.



83 19 2 286 943

10 wipes (1 pack)

20 pack

#### Wipes (Leather), MINI

Designed to clean, condition and protect all smooth leather surfaces. Contains conditioning oils to help maintain and restore natural luster. Also safe to use on vinyl surfaces.



83 19 2 405 526

10 wipes (1 pack)

20 pack

#### Wipes (Glass), MINI

Excellent for windows, mirrors, windshields and other glass surfaces. Ammonia-free, safe for factory and aftermarket tinted glass. Streak free shine.



83 19 2 364 895

10 wipes (1 pack)

20 pack

### **Yellow Detailing Cloth**

Removes oily or filmy residue including waxes, polishes, glazes and fingerprints, and is ideal for paint, chrome, glass, dashboards, and more. 3M's unique super-soft micro-texture won't scratch or streak delicate surfaces.



51 91 2 466 423

6 pk

1 pack of 6 cloths

#### **Blue Detailing Cloth**

Removes oily or filmy residue including waxes, polishes, glazes and fingerprints, and is ideal for paint, chrome, glass, dashboards, and more. 3M's unique super-soft micro-texture won't scratch or streak delicate surfaces.



51 91 2 466 842

6 pk

1 pack of 6 cloths

#### Glass Cleaner, MINI

Removes grease, oil, insects and other residue from all glass and mirror surfaces on the inside and outside of the vehicle.



83 12 2 288 914

500 mL

6 pieces

## **EXTERIOR CLEANING**

#### Wheel Rim Cleaner, MINI

Highly effective, acid-free special cleaner that changes color when it's time to rinse off. Can be used on all steel and alloy wheels. Removes baked-on brake dust, oil and rubber residues and other road grime.



83 12 2 288 912

500 mL

1 piece

#### Car Wash Shampoo, MINI

When used as directed, creates a solution that removes dirt quickly and thoroughly without damaging paint or protective wax coatings. Do not use on vehicles with a Matte paint finish.



83 12 5 A16 7D0

1L

6 pieces

## WINDSHIELD WASH

#### Windshield Washer Fluid, 35%, RTU, MINI

Ready to use formula. Helps to clean salt, frost, dirt and other road grime from windshield. Protection from freezing down to -25°F.



83 19 2 361 206

1 gal

6 pieces

#### Windshield Washer Concentrate, MINI

Provides streakless cleaning of your windshield. Refer to label for dilution instructions.



83 19 2 221 704

16 oz

## **ORIGINAL MINI CARE PRODUCTS**

#### Windshield Washer Fluid, 35%, BMW Group

Helps to clean salt, frost, dirt and other road grime from windshield. Protection from freezing down to -25°F. Refer to label for dilution instructions.



83 19 2 406 220

55 gal

1 drum

#### Windshield Washer Fluid, Concentrate, BMW Group

Helps to clean salt, frost, dirt and other road grime from windshield. Protection from freezing down to -25°F. Refer to label for dilution instructions.



83 23 8 836 820

7,040 oz (55 gal)

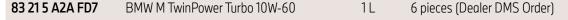
7,040 oz

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## OIL

#### BMW M TwinPower Turbo 10W-60

The BMW M TwinPower Turbo SAE 10W-60 has been coordinated especially with BMW M cars so that the potential of BMW M engines can be utilized to the fullest. It helps to keep critical engine components clean, thus contributing to protection of the powerful BMW M engines. It also provides excellent temperature stability, maintaining constant engine performance even in extreme conditions. For M5/M6/Z8/Z3M/Z4M cars built up to and including construction year 2010. M3 cars built up to and including construction year 2013. The safety data sheet is available via Centernet.



**83 21 5 A2A FD9** BMW M TwinPower Turbo 10W-60 5 L 3 pieces (Dealer DMS Order)



#### BMW TwinPower Turbo LL-17 FE+ 0W-20 (Gasoline)

The BMW TwinPower Turbo Longlife-17 FE+ SAE 0W-20 engine oil is an innovative, ash-reduced engine oil for compatible engines of the newest BMW TwinPower Turbo gasoline engine generation. The LL-17 FE+ 0W-20 has a very good low temperature performance. Hence, it takes little time to reach the engine's moving parts, which results in fast engine cranking, easy-starting and a quick warm-up. This oil also protects the engine from sludge and wear in order to keep critical engine parts clean and therefore enable a long service life. Suitable for BMW gasoline engines Bx6, Bx8, N20 and N26 built after 2014. The safety data sheet is available via Centernet.



83 21 5 A2A FC9 BMW Group LL-17 FE+ 0W-20 Bulk Tank (VMI Autofill)

Tank

5 L

Drum 2001 Hors (Dodlar DMC Order)

3 pieces (Dealer DMS Order)

83 21 5 A2A FC5 BMW TwinPower Turbo LL-17 FE+ 0W-20 1 L 6 pieces (Dealer DMS Order)



#### BMW TwinPower Turbo LL-01 FE 0W-30 (Gasoline)

DMM Croup II 01 FF 0M 20

BMW TwinPower Turbo LL-01 FE 0W-30

The BMW TwinPower Turbo Longlife-01 FE SAE 0W-30 is a fuel-economy engine oil which shows improved fuel economy. It also provides excellent protection against wear and easier cold starting at low temperatures. Suitable for approved BMW gasoline engines built after 2001 (N1x, N2x, N4x, N54, N55, N63, N74). Also suitable for BMW M engines after automotive year 2014. The safety data sheet is available via Centernet.

03 Z1 3 AZA FDU	DIMINA GLORD FT-01 LE OM-20	ווווווע	209 Liters (Dealer DMS Order)
83 21 5 A2A FC2	BMW Group LL-01 FE 0W-30	Bulk Tank	Tank (VMI Autofill)
83 21 5 A2A F99	BMW TwinPower Turbo LL-01 FE 0W-30	1L	6 pieces (Dealer DMS Order)



02 21 E A 2 A EDA

83 21 5 A2A FA9

#### BMW TwinPower Turbo LL-12 FE 0W-30 (Diesel)

The BMW TwinPower Turbo Longlife-12 FE SAE 0W-30 is an innovative fuel-economy engine oil, which shows improved fuel economy. It's additive technology with significantly reduced amounts of ash-forming substances protects the diesel particle filter against soiling and contamination (low SAPS formula). At the same time, even under extreme conditions, it provides consistent performance, and facilitates cold starts even at low temperatures. For BMW diesel engines as of model year 2014 with max. 1 turbocharger. For engines with 2 or more turbochargers, BMW LL-04 oils must be used. For model X6 (E71), LL-12 FE must not be used. The safety data sheet is available via Centernet.



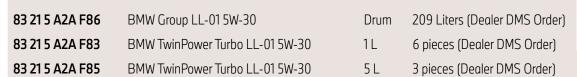
**83 21 5 A2A FC3** BMW TwinPower Turbo LL-12 FE 0W-30

DIESEL

1L 6 pieces (Dealer DMS Order)

#### BMW TwinPower Turbo LL-01 5W-30 (Gasoline)

The BMW Longlife-01 TwinPower Turbo SAE 5W-30 is an engine oil based on synthetic technology that allow the potential of BMW engines to be utilized to the fullest. It keeps critical engine parts clean and provides very good engine performance and excellent engine protection. This engine oil has very good viscosity properties, reduced friction, and minimal evaporation loss. Suitable for all BMW gasoline engines. The safety data sheet is available via Centernet.





#### BMW TwinPower Turbo LL-04 5W-30 (Diesel)

The BMW Original Engine Oil Longlife-04 SAE 5W-30 keeps critical engine parts clean and provides very good engine performance and excellent engine protection. This engine oil has very good viscosity properties, reduced friction, and minimal evaporation loss. Suitable for all BMW diesel engines in the US. The safety data sheet is available via Centernet.

**83 21 5 A2A F87** BMW TwinPower Turbo LL-04 5W-30 1L 6 pieces (Dealer DMS Order)



#### BMW TwinPower Turbo LL-22 FE++ 0W-12 (Gasoline)

The BMW 0W-12 oil viscosity results in lower fuel consumption due to the smooth-running properties. Compared to traditional engine oils, this oil shows reduced friction and minimizes the tendency to evaporate. BMW Longlife-22 FE++ engine oils are only suitable for certain BMW Group gasoline engines released from model year 2022 + and is not backwards compatible with older BMW Group gasoline engines. The safety data sheet is available via Centernet.

**83 21 5 A83 399** BMW TwinPower Turbo LL-22 FE++ 0W-12 1 L 12 pieces (Dealer DMS Order)



#### MINI Original Engine Oil LL-17 FE+ 0W-20 (Gasoline)

The MINI Original Oil Longlife-17 FE+ SAE 0W-20 engine oil is an innovative engine oil for compatible engines of the newest MINI TwinPower Turbo gasoline engine generation. The LL-17 FE+ 0W-20 has a very good low temperature performance. Hence, it takes little time to reach the engine's moving parts, which results in fast engine cranking, easy-starting and a quick warm-up. Furthermore, this oil protects the engine from sludge and wear in order to keep critical engine parts clean and therefore enable a long service life. Suitable for MINI gasoline engines Bx6, Bx8 built after 2014. The safety data sheet is available via Centernet.

**83 21 5 A2A FC7** BMW Group LL-17 FE+ 0W-20 Drum 209 Liters (Dealer DMS Order)

83 21 5 A2A FC9 BMW Group LL-17 FE+ 0W-20 Bulk Tank (VMI Autofill)

Tank

**83 21 5 A2A FC6** MINI Original Engine Oil LL-17 FE+ OW-20 1 L 6 pieces (Dealer DMS Order)



#### MINI Original Engine Oil LL-01 FE OW-30 (Gasoline)

The MINI Original Longlife-01 FE SAE 0W-30 is a fuel-economy engine oil for gasoline engines. It also provides excellent protection against wear and easier cold starting at low temperatures. Suitable for approved MINI gasoline engines model year 2002. The safety data sheet is available via Centernet.

**83 21 5 A2A FB0** BMW Group LL-01 FE 0W-30 Drum 209 Liters (Dealer DMS Order)

83 21 5 A2A FC2 BMW Group LL-01 FE 0W-30 Bulk Tank (VMI Autofill)

Tank

**83 21 5 A2A FA2** MINI Original Engine Oil LL-01 FE OW-30 1L 6 pieces (Dealer DMS Order)



#### MINI Original Engine Oil LL-01 5W-30 (Gasoline)

The MINI Original Engine Oil Longlife-01 SAE 5W-30 helps to keep critical engine parts clean and provides very good engine performance and excellent engine protection. This engine oil has very good viscosity properties, reduced friction, and minimal evaporation loss. Suitable for MINI gasoline engines. The safety data sheet is available via Centernet.

**83 21 5 A2A F86** BMW Group LL-01 5W-30 Drum 209 Liters (Dealer DMS Order)

83 21 5 A2A F84 MINI Original Engine Oil LL-01 5W-30 1L 6 pieces (Dealer DMS Order)



## TRANSMISSION OIL & DIFFERENTIAL FLUID

#### ATF Dexron VI, BMW Group

For service only in GM6 transmissions requiring DEXRON®-VI fluid. Maintains original shift quality through recommended change interval, with anti-wear and rust corrosion prevention. Controls oxidation and helps reduce the formation of deposits.



**83 22 0 397 114** 4 L 4 pieces

## **SERVICE & WORKSHOP PRODUCTS**

6 pieces

#### ATF Dexron VI, BMW Group

For service only in GM6 transmissions requiring DEXRON®-VI fluid. Maintains original shift quality through recommended change interval, with anti-wear and rust corrosion prevention. Controls oxidation and helps reduce the formation of deposits.



**83 22 2 163 514** 1L

#### ATF JWS 3309, MINI

For use in R52/R53 MINI Cooper S and other vehicles with automatic transmissions made by Aisin-Warner requiring ATF Type JWS 3309. Always refer to service manual for fluid recommendations.



**83 22 2 220 438** 1 L 6 pieces

#### ATF-1, BMW Group

For use in ASS 360R (GM5), ASS 390R (GM5) and other transmissions specifying use of ETL 7045 E automatic transmission fluid. Refer to Owner's Manual or TIS for specific lubricant applications.



**83 22 2 305 395** 1 L 1 piece

#### ATF-2, BMW Group

Comparable to API GL-3 to GL-4 performance levels. H874



**83 22 2 220 445** 1 L 6 pieces

#### ATF-3+, BMW Group

For use in vehicles with transmissions specifying BMW ATF 3+ or equivalent fluids. Refer to owner's manual or TIS for specific lubricant applications



**83 22 2 289 720** 1 L 12 pieces

#### ATF-4, BMW Group

For use in BMW vehicles with ZF transmissions requiring ATF-1 or LT71141 automatic transmission fluids. Always refer to service manual for fluid recommendations.



**83 22 2 220 442** 1 L 12 pieces

#### ATF-5, BMW Group

For CVT transmission in the MINI one (type RA31/32) and MINI Cooper (RC31/32/33, RF31/32/33).



83 22 2 344 207

1L

12 pieces

#### ATF-6, BMW Group

For use in Aisin UKL transmission. Refer to owner's manual or TIS for specific applications.



83 22 2 355 599

1L

12 pieces

#### ATF-7, BMW Group

Automatic Transmission Fluid for AISIN UKL transmission. See repair instructions for more information.



83 22 2 413 477

1L

6 pieces

#### eTransmission Fluid, BMW Group

Electric motors transmission fluid.



83 22 5 A1D 718

1L

1 piece

#### Final Drive Gear Oil SAF-XO, BMW Group

SAF-XO is a API GL-5 fully synthetic multigrade final drive lubricant with excellent low temperature performance, load carrying ability and resistance to foaming at high temperatures and sustained high speeds. It also provides exceptional high temperature stability and oxidation resistance.



07 51 2 293 972

1L

12 pieces

### SAF-XJ SAE 75W140, BMW Group

Meets API GL-5. Refer to owner's manual or TIS for specific lubricant applications.



83 22 2 357 992

1L

## **SERVICE & WORKSHOP PRODUCTS**

#### SAF-XJ w/ FM Booster, BMW Group

Can help reduce noises in locking differentials. Fully synthetic SAE 75W-140 rear axle transmission oil. API GL-5. Refer to owner's manual or TIS for specific lubricant applications.



83 22 2 282 583

500 mL

3 pieces

#### SAF Carbon Mod Gear Oil SAE 75W-85, BMW Group

Fully synthetic rear axle transmission oil that meets API GL-5. Refer to Owner's Manual or TIS for specific lubricant applications.



83 12 0 445 832

500 mL

3 pieces

#### Hypoid Axle Oil G1, BMW Group

For BMW vehicles with non-limited slip differential axles manufactured from 6/2011. For after sales service only. Should not be used in rear axles that have a locking differential.



83 22 2 295 532

500 mL

3 pieces

#### Hypoid Axle Oil G2, BMW Group

SAE 75W-90. Designed oil for the high demands of BMW front axle transmission. Reduces torque loss and improves the efficiency of the axle drive. For use with the front axle differential, which is no longer operated with BMW synthetic OSP.



83 22 2 413 511

0.5 L

6 pieces

#### Hypoid Axle Oil G3, BMW Group

Performance-optimized rear-axle transmission oil developed for BMW rear-wheel drive gearboxes. Reduces torque loss and improves the efficiency of the axle drive.



83 22 2 413 512

500 mL

6 pieces

#### Hypoid Axle Oil G4, BMW Group

Performance-optimized rear-axle transmission oil developed for BMW rear-wheel drive gearboxes. Reduces torque loss and improves the efficiency of the axle drive. Specified for rear differential on the M5. Oil must be replaced at 1,200 miles and again at 50,000 miles.



83 22 2 447 362

500 mL

#### Hypoid Axle Oil G5, BMW Group

Hypoid Axle Oil G5; See repair instructions for more information.



83 22 2 471 487

500 mL

6 pieces

#### **HOC Oil, BMW Group**

Transfer Gearbox Oil for Haldex Clutch, API GL-4.



83 22 2 413 513

850 mL

12 pieces

#### MTF 2, BMW Group

API GL-4. For use in MINI 6 speed transmissions and 5-speed (R65) transmissions from Getrag specifying MTF 94 gearbox oil. Refer to Owner's Manual or TIS for specific lubricant applications.



83 22 2 344 589

1L

1 piece

#### MTF 3, BMW Group

Refer to Owner's Manual or TIS for specific lubricant applications.



83 22 2 455 210

1L

1 piece

#### MTF LT-2, BMW Group

API GL-4. As of 9/97 vehicle production, manual transmissions in BMW vehicles must use MTF LT-2 as specified. As a lifetime oil, it is not subject to oil change intervals and is therefore only required for transmission repairs. Refer to Owner's Manual.



83 22 2 339 219

1 L

12 pieces

#### MTF LT-3, BMW Group

SAE 75W. For use in vehicles equipped with manual transmissions specifying MTF-LT-3. Do not mix transmission fluids. Refer to Owner's Manual or TIS for specific lubricant applications.



83 22 2 339 221

1L

## **SERVICE & WORKSHOP PRODUCTS**

#### MTF LT-4, BMW Group

SAE 75W-90. For use in vehicles equipped with manual transmissions specifying MTF-LT-4. Do not mix transmission fluids. Refer to Owner's Manual or TIS for specific lubricant applications.



83 22 2 339 223

1L

12 pieces

#### MTF-LT-5, BMW Group

Comparable to API GL-3 to GL-4 performance levels. Refer to Owner's Manual or TIS for specific lubricant applications.



83 22 2 239 654

1L

12 pieces

#### DTF-1, BMW Group

SAE 75W. For use in four-wheel and all-wheel drive systems specifying DTF 1, TF 0870B or equivalent transmission fluids. Refer to owner's manual or TIS for specific lubricant applications.



83 22 2 409 710

1L

12 pieces

#### DCTF 1+, BMW Group

For use in vehicles equipped with transmissions specifying the use of BMW DCTF-1 fluid only. Do NOT mix DCTF-1 with any other transmission fluids. Refer to Owner's Manual or TIS for specific lubricant applications.



83 22 2 446 673

1L

12 pieces

#### DCTF-2, BMW Group

For use in vehicles equipped with transmissions specifying the use of BMW DCTF-2 fluid only. Do NOT mix DCTF-2 with any other transmission fluids. Refer to Owner's Manual or TIS for specific lubricant applications.



83 22 2 433 157

1L

12 pieces

#### Axle i TF, BMW Group

Axle transmission fluid for i8 vehicles. Refer to your owners manual or TIS for more information.

83 22 2 365 760

1L

## **HYDRAULIC OILS & FLUIDS**

#### Hydraulic Oil CHF 11S

Hydraulic oil for steering systems, ASC, level control, etc. Important: Do not mix with other hydraulic oils. Refer to Owner's Manual or TIS for specific lubricant applications.



83 29 0 429 576

1L

12 pieces

#### Hydraulic Fluid for Convertible Tops, BMW Group

Hydraulic fluid for convertible tops.



54 34 0 394 395

250 mL

1 piece

## **ANTIFREEZE**

#### Antifreeze/Coolant, BMW Group

BMW Group Long-Term Antifreeze/Coolant is exclusively formulated and produced for BMW to protect your engine year round when used as directed. It will help protect your engine against freezing, boil over, corrosion, and excessive silicate gel precipitation. This ethylene glycol based antifreeze contains no nitrites or phosphates which reduces harmful deposit formation. Provides protection for metals including cast iron, steel and aluminum. Product Color: Blue. Refer to label for mixing ratio information. Meets ASTM D 3306.



82 14 2 209 769

1L

6 pieces

#### Antifreeze/Coolant, BMW

BMW Long-Term Antifreeze/Coolant is exclusively formulated and produced for BMW to protect your engine year round when used as directed. It will help protect your engine against freezing, boil over, corrosion, and excessive silicate gel precipitation. This ethylene glycol based antifreeze contains no nitrites or phosphates which reduces harmful deposit formation. Provides protection for metals including cast iron, steel and aluminum. Product Color: Blue. Refer to label for mixing ratio information. Meets ASTM D 3306. Please remember to match replacement product to the original factory fill.



82 14 1 467 704

1 gal

18 pieces

83 14 5 A0B 941

1 Truck Load (684 Cases of 6 = 4,104 gallons

1 Truck Load

on 19 pallets)

#### HT-12 Antifreeze/Coolant, BMW

HT-12 antifreeze and anti-corrosion agent. (Green). Exclusively formulated for BMW Group. Free of phosphates, nitrites, amines and borates. Developed with state-of-the-art, silicated organic acid technology (Si-OAT) for advanced protection of all cooling system metals, including aluminum. Protects modern, hotter running engines from the formation of harmful deposits due to CAB flux. See repair instructions for more information. Please remember to match replacement product to the original factory fill.



83 19 2 468 442

1 gal

#### HT-12 Antifreeze/Coolant, BMW

**83 19 5 A32 851** 209 L 1 piece



#### Antifreeze/Coolant, MINI

MINI Long-Term Antifreeze/Coolant is exclusively formulated and produced for MINI to protect your engine year round when used as directed. It will help protect your engine against freezing, boil over, corrosion, and excessive silicate gel precipitation. This ethylene glycol based antifreeze contains no nitrites or phosphates which reduces harmful deposit formation. Provides protection for metals including cast iron, steel and aluminum. Product color: Blue. Refer to label for mixing ratio information. Meets ASTM D 3306. Please remember to match replacement product to the original factory fill.



**82 14 0 031 133** 1 gal 18 pieces

#### HT-12 Antifreeze/Coolant, MINI

HT-12 antifreeze and anti-corrosion agent. (Green). Exclusively formulated for BMW Group. Free of phosphates, nitrites, amines and borates. Developed with state-of-the-art, silicated organic acid technology (Si-OAT) for advanced protection of all cooling system metals, including aluminum. Protects modern, hotter running engines from the formation of harmful deposits due to CAB flux. See repair instructions for more information. Please remember to match replacement product to the original factory fill.



83 19 2 468 443 1 gal 6 pieces

#### Coolant i3 Concentrate, BMW Group

The only heat exchange fluid authorized by BMW for use in the coolant circuit of the heating system. for use in the BMW i3, i8, etc. Reference label for distilled water dilution instructions.



**83 51 2 355 296** 1L 6 pieces

## **BRAKE FLUID & AUXILIARIES**

#### DOT4 Brake Fluid, BMW Group

Conforms to FMVSS NO. 116 and SAE J1703. Minimum wet boiling point 311°F (155°C). Minimum dry boiling point 446°F (230°C).



**81 22 0 142 155** 1 gal 4 pieces

#### DOT4 Brake Fluid, BMW

Conforms to FMVSS NO. 116 and SAE J1703. Minimum wet boiling point  $347^{\circ}F$  (175°C). Minimum dry boiling point  $509^{\circ}F$  (265°C).



81 22 0 142 156

12 oz

12 pieces

#### DOT4 Brake Fluid, MINI

Conforms to FMVSS NO. 116 and SAE J1703. Minimum wet boiling point 347°F (175°C). Minimum dry boiling point 509°F (265°C).



81 22 0 146 735

12 oz

12 pieces

#### Brake Pad Paste, BMW Group

Eliminates brake squeals and noises. Apply to clean shafts, piston tops, lining base plates and spacing plates. DO NOT apply to friction lining.



83 12 2 296 187

5 mL packet

100 packets

#### Brake Pad Paste, BMW Group

Eliminates brake squeals and noises. Apply to clean shafts, piston tops, lining base plates and spacing plates. DO NOT apply to friction lining.



83 19 2 450 789

8 oz

12 pieces

#### Cleanser R2 - Brake Pedal Assembly Aid, BMW Group

For cleaning and assembling stainless steel parts. When used for Brake pedals, should be applied using an atomizer.



83 19 0 417 324

500 mL

1 drum

#### Brake Parts Cleaner, Non-Chlorinated, 45% VOC, BMW Group

Quickly removes grease and oil. Dries fast with no residue. Contains no chlorinated solvents or CFC propellants. For metal brake parts only. This product is not for sale for use in California, Utah, or other states that prohibit 45% VOCs in Brake Cleaners.



83 19 2 451 315

14 oz

## **SERVICE & WORKSHOP PRODUCTS**

#### Brake Parts Cleaner, Non-Chlorinated, 10% VOC, BMW Group

Quickly removes grease and oil. Dries fast with no residue. Contains no chlorinated solvents or CFC propellants. For metal brake parts only. This product is a 50-State VOC compliant formula.



83 19 2 451 316

15 oz

12 pieces

#### Brake Parts Cleaner 45% Drum, BMW Group

Quickly removes grease and oil. Dries fast with no residue. Xylene free formula. For metal brake parts only. This product is not for sale for use in California, Utah, or other states that prohibit 45% VOCs in Brake Cleaners.



83 22 2 451 317

55 gal

1 drum

#### Brake Parts Cleaner 10% Drum, BMW Group

Quickly removes grease and oil. Dries fast with no residue. Xylene free formula. For metal brake parts only. This product is a 50-State VOC compliant formula.



83 22 2 451 318

55 gal

1 drum

#### Brake Parts Cleaner Refill System, BMW Group

Automated 16oz filling system that pressurizes in seconds without removing the filler cap. Refillable 16oz and 32oz cans (PN 83 19 2 453 950, 83 22 2 357 989) and adaptors (PN 83 19 2 453 951, 83 19 2 453 952) sold separately.



83 22 2 451 311

1 system

1 system

#### Brake Parts Cleaner Sprayer Kit (32oz can), BMW Group

Refillable atomizer sprayer used with the Brake Parts Cleaner Refill System (PN 83 22 2 451 311). Includes: (1) Spray Nozzle tip, (1) Pin Stream Nozzle tip, (1) Valve Adapter for Pin Stream Nozzle. Adaptor sold separately (PN 83 19 2 453 952).



83 22 2 357 989

1 kit

6 kits

#### Adaptor for 32oz Brake Parts Cleaner Sprayer, BMW Group

Adaptor needed for the 32oz Brake Parts Cleaner Sprayer Kit (PN 83 22 2 357 989).



83 19 2 453 952

6 pk

1

#### Repair Kit for 32oz BMW Brake Parts Cleaner Sprayer

For repairing the 32oz BMW Brake Parts Cleaner Sprayer set (PN 83 22 2 357 989).



83 19 2 449 394

32 oz

1 piece

#### Brake Parts Cleaner Sprayer Kit (16oz can), BMW Group

16oz refillable atomizer sprayer used with the Brake Parts Cleaner Refill System (PN 83 22 2 451 311). Adaptor sold separately (pn 83192453951).



83 19 2 453 950

16 oz

6 pieces

#### Adaptor for 16oz Brake Parts Cleaner Sprayer, BMW Group

Adaptor needed for the 16oz Brake Parts Cleaner Sprayer Kit (PN 83 19 2 453 950).



83 19 2 453 951

6 pk

1

### Repair Kit for 16oz Brake Parts Cleaner Sprayer, BMW Group

For repairing the Brake Parts Cleaner Sprayer Kit 16oz (PN 83 19 2 453 950).



83 19 2 453 953

6 pk

1

#### Tire Fitting Paste, BMW Group

Makes it easier to fit tires. This product can be easily washed off with water and is non-corrosive.



81 22 0 433 046

7.72 lb

1 piece

### Tire Paste Applicator Brush, BMW Group

For use with tire paste (PN 8122 0 433 046).



83 19 2 450 787

1 brush

## **LUBRICANTS**

#### Sliding Agent PF1 Carbaflo KSP 105, BMW Group

Completely synthetic, solvent-free agent and perfluorinated high performance lubricant and coating agent.



83 23 0 309 627

50 g

1 piece

#### MI-Setral-43N, BMW Group

Long lasting lithium grease with MoS2 for mid-range rpm. Temperature range -20°C (-4°F) to +130°C (266°F).



83 23 2 152 082

50 g

1 piece

#### **Special Sliding Agent, BMW Group**

Eliminates creaking noises on transition from door joint sealing and roof rail.



83 19 9 408 523

30 mL

1 piece

#### Staburags NBU 30PTM Lubricant, BMW Group

Assembly grease resistant to water and protects against fretting corrosion.



07 55 9 056 992

50 g

1 piece

#### Molub-Alloy Paste TA, BMW Group

High temperature paste to prevent butterfly valve jamming when opening up to 2nd stage, E36/M42 starting with model year 1994. Operating temperature range up to 1100°C.



18 21 9 062 599

100 g

1 piece

#### Optimoly Paste MP3, BMW Group

White assembly paste that provides wear and corrosion protection. Also suitable for lubricating door locks.



07 55 9 062 476

100 g

#### High Temperature Assembly Paste, BMW Group

Protects metal components against corrosion, seizure and wear. For use in harsh operating conditions including high temperatures, high pressure loads, air exposure, alkaline and acid cleaning agents, etc.



83 23 0 309 003

10 q

1 piece

#### Special Lubricating Grease with EP Additives, BMW Group

Special grease for lubricating for O-rings. Do not use on plastic components. Neutral towards elastomers and plastics.



83 23 9 407 778

100 g

1 piece

#### Sunroof Lubricant (Lubricating Grease RHF-1), BMW Group

Lithium soap-based lubricating grease with anti-corrosive properties. For fast-running bearings at low and variable ambient temperatures. Service grease for panoramic roof E53, E61, E70, E83, E84 and E91 identical to factory lubrication.



83 19 2 157 321

0.7 oz

1 piece

#### Lubricating Oil 4 UH 1-460 N

Synthetic lubricating oil for lubricating slide rails on the sunroof.



83 23 0 306 232

100 mL

1 piece

### Shell HDX2 Lubricant (heavy duty), BMW Group

Recommended for the lubrication of shock loaded heavy duty bearing and non bearing applications working in damp hostile conditions.



11 00 7 660 830

14.1 oz

1 piece

#### Longtime PD1 Grease, BMW Group

Special grease for lubricating the spline shaft on the actuating drive of the Valvetronic unit and the teeth of the intermediate shaft.



83 19 2 160 340

14.1 oz

#### Protective Contact Grease KF1, BMW Group

Fully synthetic, silicone free grease offering corrosion protection, water and oxidation resistance. Compatible with plastics. Temperature range:  $-35^{\circ}$ C to  $+150^{\circ}$ C.



83 19 2 295 229

50 g

12 pieces

#### Injector Lubricating Grease, BMW Group

High-temperature grease (-20°C to 200°C, -4°F to 392°F) for lubricating the injector shaft of CR magnet valve injectors and piezo injectors for NGD.



83 23 0 441 070

50 g

1 piece

#### Unirex N3 Grease

High-temperature multi-purpose grease for lubricating different types of roller bearings.



83 19 5 A3D 3E9

390 g

1 piece

### Grease GKY H-15, BMW Group

High temperature lubricating grease for ball joints.



83 23 2 179 705

100 g

1 piece

#### Grease "One Lube Improved", BMW Group

For drive shaft and front CV/axle joints.



83 23 2 179 708

110 g

1 piece

### Installation Grease GE, BMW Group

Use to lubricate joint between electric motors and gearbox on BMW i models.



83 23 2 357 146

5 g

#### **Assembly Aid**

The product is used to assemble rubber bearings on axle carriers without causing damage to component parts during the press fit process.



83 19 2 405 829

250 mL

1 piece

#### Gummi Pflege Rubber Care Fluid, BMW Group

Long-lasting protection on all rubber seals around doors, windows, hood and trunk. Apply a thin layer onto rubber parts and allow to dry. Helps to prevent car doors from freezing shut. Provides protection and revitalizes rubber seals.



83 19 2 449 390

75 mL

6 pieces

### Grease Optitemp HT1LF, BMW Group

Lubricating grease for repairs (disassembly/assembly/overhaul) on driveshaft and replacing the radial shaft sealing ring (RWDR) on rear axle transmission input.



83 23 0 417 754

50 g

1 piece

### Optitemp 2 LN 584 LO, BMW Group

Multi-purpose, normal temperature CV joint grease which can offer a long lubrication life as a result of its additives, particularly MoS2.



83 19 0 447 919

100 g

1 piece

# Renolit CX-CVM1 Lubricating Grease, BMW Group

For repair kit drive shaft bellows and lubricating drive shaft joints.



83 19 2 286 016

100 g

1 piece

# Renolit CX-TP 1 Lubricating Grease, BMW Group

Special grease for lubricating the drive shaft joints.



83 19 2 286 018

100 g

#### **G14 Lubricant, BMW Group**

The only BMW-approved product for installing window guide rubber. No micro damage to rubber during installation. Not suitable for long-term lubrication.



83 23 2 360 412

900 mL

3 pieces

## Betawipe 4800

Adhesion promoting activator for bonding with body work adhesive K2. Note: This product often received with minimal shelf life. Order only as needed.



83 19 2 357 707

10 mL

1 piece

#### Grease NBU 12K, BMW Group

Long-term grease for rolling and plain bearings. Offers high corrosion and wear protection, with good resistance to ambient media. Counteracts tribocorrosion. Has a sealing effect when exposed to saltwater.



83 23 9 407 810

100 g

1 piece

# Lubricating Grease FB-1, BMW Group

Lubricating grease.



83 23 8 849 305

100 g

1 piece

## **Lubricating Grease NKG 814**

CVJ (Constant Velocity Joint) Grease; See repair instructions for more information.



83 23 2 356 850

145 g

1 piece

# **Lubricating Grease NKG 302**

CVJ (Constant Velocity Joint) Grease; See repair instructions for more information.



83 23 2 357 163

165 g

#### Kluber 46 MR 401 Lubricant, BMW Group

This versatile multipurpose paste has a wide service temperature range and shows good pressure absorption capacity as well as neutral behavior towards non-ferrous metals, many plastics and elastomers.



11 00 7 660 831

250 mL

1 piece

#### Klubersynth LF 44-22 Lubricating Grease

Synthetic, dynamic, light low-temperature grease with oxidation and corrosion protection inhibitors for very low temperatures. Water resistant friction-reducing solid lubricant. For ball and roller and plain bearings when slight breakaway and running torques are needed.



83 23 0 396 713

45 g

1 piece

#### Anti-Squeak Paint, BMW Group

Non-squeaking coating technology protects the surface by reducing the pick-up and migration of stains and dyes into the substrate. Scratch and abrasion resistance.



83 19 2 358 109

50 g

1 piece

#### Lubricant M, BMW Group

Anti-creaking varnish used to eliminate creaking noises on the fiber optics of the door panels on the G12 and G3x models.



83 19 2 458 653

30 g

1 piece

# **ADDITIVES**

#### Turbo Charger Additive (Diesel), BMW Group

For the initial fill of turbochargers before installation. Reduces friction and wear. Increased operational reliability.



83 19 2 362 168

20 g

1 piece

#### Turbo Charger Additive Petrol MSP, BMW Group

For the initial filling of turbochargers before installation and initial use.



83 19 2 457 276

17 mL

#### Fuel Injector and Induction System Cleaner Concentrate, BMW Group

Special cleaner concentrate to clean the fuel injectors, induction system and combustion chamber of harmful deposits. For repair procedures please refer to SI B13 01 07.



82 14 0 428 376

16 oz

12 pieces

#### Fuel Additive Petrol, BMW

Prevent and remove deposits caused by low quality fuel that can hinder engine performance.



83 19 5 A07 750

100 mL

24 pieces

#### Fuel Additive Petrol, MINI

Prevent and remove deposits caused by low quality fuel that can hinder engine performance.



83 19 5 A07 760

100 mL

24 pieces

#### Fuel Additive, Motorrad

For use in electric vehicles equipped with range extenders i3 Rex, etc.



83 19 5 A2A 4B0

100 mL

24 pieces

# Additive Lubrizol 6178, BMW Group

Removes squeaking sounds in hydraulic power steering systems with ATF hydraulic oil.



83 29 0 434 684

50 mL

1 piece

# Diesel Additive + CZ Booster, BMW Group

This additive is for the fuel tank and only for cars with diesel engines,



83 19 2 414 456

100 mL

# **GLASS REPAIR**

#### Windshield Adhesive Repair Kit, BMW Group

Repair kit for cold-bonding of car windscreens, includes Glass Activator Stick, Paint Activator Stick, 1 hour Cold Adhesive, C-nozzle, Universal nozzle and spacer. This kit must be used to comply with BMW Service Repair Manual.



83 19 2 289 180

1 kit

1 kit

#### Window Glass Adhesive, BMW Group

For use with PN 83 19 2 289 180 when additional Windscreen Adhesive is needed.



83 19 2 289 181

300 mL

1 piece

#### Glass Activator, BMW Group

Component of Windshield Adhesive Kit (PN 83 19 2 289 180).



83 19 0 444 142

3.5 mL

1 piece

#### R1 Cleaner, BMW Group

N-heptane cleaner for pre-treating for adhesion. Used to clean surfaces of contaminants prior to bonding. Can be used to clean various materials such as glass, paint and plastic parts. Particularly effective removal of non-polar contaminants such as oils and greases.



83 19 2 211 217

100 mL

1 piece

# AIR CONDITIONER SERVICE

#### R-134a, BMW Group

Convenient 30 lb. / 480 ounce non-returnable cylinder meets the needs of vehicles equipped with R-134a systems.



83 19 2 221 349

30 lb cylinder/480 oz

480 oz

#### R134a Air Conditioner Compressor Oil, BMW Group

Special refrigerator oil only for lubricating compressors used in vehicle A/C systems that are operated with R134a refrigerant.



82 11 1 468 042

250 mL

1 piece

#### R-1234yf, BMW Group

Convenient 10 lb. / 160 ounce non-returnable cylinder meets the needs of vehicles equipped with R-1234yf systems.



83 19 2 446 563

10 lb cylinder/160 oz

160 oz

#### Air Conditioning System Cleaner, BMW Group

Formaldehyde-free special cleaner for air conditioning systems. 1L is for one application. No diluting or rinsing necessary. After 30 minutes of application time, turn on the air conditioning system and run the fan for 10 minutes on the highest level.



83 19 2 180 507

1L

1 piece

#### Pollen Filter Housing Cleaner, BMW Group

Special Cleaner for the pollen filter housing and the adjacent air ducts of air conditioning systems in cars. Gently removes dust, pollen and debris from plastic parts in the pollen filter environment.



83 19 2 451 455

1.5 oz

1 piece

#### SP-A2 Compressor Oil, BMW Group

Special oil for lubricating compressors used in vehicle A/C systems that use R-1234yf refrigerant.



83 22 2 339 920

8.45 oz

1 piece

# DIESEL EXHAUST FLUID

#### Diesel Exhaust Fluid, BMW Group

ALDEHYDE FREE, NOx reducing treatment for diesel engines equipped with SCR, Selective Catalytic Reduction Systems. Meets or exceeds the stringent AUS 32, DIN 70070, ISO 22241 standards for purity and concentration. Do not mix with diesel fuel.



83 19 0 441 139

64 oz

#### Diesel Exhaust Fluid, 2.5 gal, BMW Group

ALDEHYDE FREE, NOx reducing treatment for diesel engines equipped with SCR, Selective Catalytic Reduction Systems. Meets or exceeds the stringent AUS 32, DIN 70070, ISO 22241 standards for purity and concentration. Do not mix with diesel fuel.



83 19 0 440 158

2.5 gal

8 pieces

#### Diesel Exhaust Fluid, 55 gal, BMW Group

ALDEHYDE FREE, NOx reducing treatment for diesel engines equipped with SCR, Selective Catalytic Reduction Systems. Meets or exceeds the stringent AUS 32, DIN 70070, ISO 22241 standards for purity and concentration. Do not mix with diesel fuel.



83 19 2 357 987

55 gal

1 piece

#### Diesel Misfueling Protection Bypass Adapter, BMW Group

BMWs fuel-filler neck are equipped with a diesel misfueling protection system to prevent gasoline from being pumped into the vehicle. This Diesel Misfueling Protection Bypass Adapter can be used to refuel the vehicle in emergency circumstances where the fuel station is using the approved diesel fuel, but has a nonconforming-sized diesel filling nozzle (for instance: gasoline nozzles have a smaller, 21mm diameter), or is using a commercial-sized diesel nozzle. Kit contains Nozzle and one pair of nitrile gloves.



16 11 0 440 157

1 kit

1 kit

# SEALERS/ADHESIVES/TAPES/THREADLOCKERS

#### Plastic Repair Adhesive, BMW Group

Rapid-curing 2-component adhesive for repair work on paintable plastic parts. Note: This product often received with minimal shelf life.



51 91 0 398 691

50 mL

1 piece

# Liquid Sealant Loctite 5970, BMW Group

For sealing of metal parts which have to be oil resistant.



83 19 0 404 517

50 mL

#### Liquid Sealant Loctite 193140, BMW Group

For engine repair (replacement of radial shaft seal) in N54 engine. This product often received with minimal shelf life. Order only as needed.



83 19 0 439 030

6 mL

1 piece

### Metering Nozzle Needles, BMW Group

Metering nozzle needles for Loctite 193140 (PN 83 19 0 439 030).



83 19 2 345 991

10 pack

10 pack

#### Primer Loctite 17100 Primer, BMW Group

For use with Flange Sealant Loctite 193140 (PN 83 19 0 439 030).



83 19 7 515 683

4 mL

1 piece

#### Loctite 518, BMW Group

Single component, medium strength, anaerobic sealant which cures when confined in the absence of air between close fitting metal surfaces. Typical applications include sealing close fitting joints between rigid metal faces and flanges.



83 12 2 293 637

1.69 oz

1 piece

#### Dow 3-0115 Automotive Sealant, BMW Group

One-part, self-priming, noncorrosive, alkoxy-cure, RTV silicone rubber designed for automotive powertrain sealing applications. Note: This product often received with minimal shelf life. Order only as needed.



07 58 0 397 777

35 mL

1 piece

#### Sika Activator 205

Alcohol solution containing a bond-activating substance designed to prepare surfaces prior to bonding and sealing.



83 19 0 030 155

250 mL

#### Adhesive Loctite 454, BMW Group

Universal instant adhesive gel for use with metals, composite materials, wood, cork, foam, leather, cardboard, paper and ceramics. Good filling properties.



07 58 9 062 157

20 g

1 piece

#### Adhesive Loctite 577, BMW Group

For the locking and sealing of metal threaded pipes and fittings. Particularly suitable for use on stainless steel without the need for surface activation.



33 11 2 328 736

50 mL

1 piece

#### Loctite 648, BMW Group

Used for holding gears and sprockets onto gearbox shafts and rotors on electric motor shafts. Bonds through contaminants including oils and corrosion protection fluids. Cures rapidly on metals without an activator.



07 58 9 067 732

5.5 g

1 piece

#### Adhesive Loctite 2701, BMW Group

Designed for the permanent locking and sealing of threaded fasteners. This product is particularly suited for use on inactive substrates and/or where maximum resistance to hot oil is required.



33 17 2 331 095

10 mL

1 piece

#### Coupling Agent Primer P1, BMW Group

This primer (bonding agent) is required for pretreatment of surfaces during bodywork. Refer to repair instructions for more information.



83 19 0 302 556

50 mL

1 piece

# Primer P2 Gas Cartridge, BMW Group

Primer P2 Gas Cartridge.



83 19 5 A58 9B1

27.5 g

#### Primer VP 206, BMW Group

One component, solvent-based, moisture-curing liquid primer that is used to improve bonding to a variety of substrates such as plastics, glass, FRP, ABS, aluminum, steel, and paints. Fast curing. Provides corrosion protection. Includes applicator brush. Used in repairs that involve bonding of plastic to carbon fiber.



83 19 2 450 377

250 mL

1 piece

#### Adhesive Drei Bond 1385, BMW Group

Specially developed for thread and joint connections subjected to high temperatures. Can be used for material combinations such as polyamide plugs in cylinder heads. Screw sealing agent for changing radial shaft seal rear axle gearbox drive for flange nut. Note: This product often received with minimal shelf life. Order only as needed.



83 19 0 417 376

50 g

1 piece

#### K1 Bodywork Adhesive, BMW Group

One-component structural adhesive for repairing weight-reduced aluminum front section components (GRAV) and for bonding bodywork components made of aluminum.



83 19 0 413 015

195 mL

1 piece

#### Betalink K1 Adhesive Kit, BMW Group

Genuine BMW Betalink K1 Adhesive. Used for attaching spoilers, aero lips, splitters, etc. to your vehicle. Kit contains: (1) R-1 Autobody and Glass Primer 125mL (4.2 fl. oz.), (1) Adhesive BL-K1 80mL (2.7 fl. oz.), (1) Applicator tip, (1) Spatula, (1) Sheet Sandpaper 1.5" x 8.5" (3.8 cm x 21.5 cm), and (1) Instruction Sheet. Note: This product often received with minimal shelf life. Order only as needed.



83 19 5 A32 6D0

1 kit

1 kit

#### K2 Bodywork Adhesive, BMW Group

Adhesive for mounting the roof of F01/F02. Consists of hardener and adhesive.



83 19 2 355 849

1box

1 box

#### Betalink K2 Adhesive Kit, BMW Group

Adhesive can be used to bond plastics, composite materials and painted parts together. Ex: spoilers. Kit contains: (1) R-1 Autobody and Glass Primer 125mL, (1) Adhesive BL-K2 pt A 100mL, (1) Adhesive BL-K2 pt B 100mL, (1) Adhesive BL-K2 pt C 15mL, (1) Cartridge holder, (2) Mixing tips, (1) Tip connector, (1) Cartridge opener, (2) Applicating daubers. Note: This product often received with minimal shelf life. Order only as needed.



83 19 2 453 908

1 kit

1 kit

#### Betalink K2 Adhesive Applicator, BMW Group

For use with BMW BL-K2 Adhesive kit.



83 19 2 446 568 1 unit 1 unit

#### K3 Body Adhesive, BMW Group

Two components adhesive for bonding carbon-fiber-reinforced plastic components, e.g. for repairing roof outer skin of M6 (carbon-fiber-reinforced plastic roof). Suitable for bonding plastics, metals, metal primers and paint coatings (2K systems), wood and ceramics.



83 19 0 417 144 600 mL 1 piece

#### K4 Body Adhesive, BMW Group

Repair materials for repairing the clips of the roof drip molding. Cures at room temperature, high peel strength. Excellent adhesion to a large number of materials. Can be used at temperatures of up to 212°F.



83 19 5 A3D A67 50 mL 1 piece

#### K5 Bodywork Adhesive, BMW Group

Adhesive for mounting parts.



83 19 5 A59 935 195 mL 1 piece

#### K5a Bodywork Adhesive, BMW Group

Two-component adhesive for bonding body parts. Only products approved for use in a warranty claim. Impact-resistant modified two-component cartridge adhesive combined with mixing nozzle.



83 19 2 158 654 50 mL 1 piece



#### K5a & K5 Mixing Nozzles, BMW Group

To be used with K5a and K5 Bodywork Adhesive.



83 19 2 344 550 10 pack 10 pack

#### K6 Adhesive Set, BMW Group

Two-component adhesive specifically designed for the retrofitting of PDC sensors in a vehicle's bumper. Includes primer, adhesive and two application tips.



83 19 5 A54 7C4

1 kit

1 kit

#### K6 Adhesive Set, Mixing Nozzles

Spare nozzles for K6 Adhesive Set.



83 19 2 336 502

10 pack

10 pack

### Threadlock - Medium Strength L-243, BMW Group

Medium strength. Secures screws, nuts and stud screws against loosening due to vibrations as well as sealing. For threads up to M36.



83 19 2 210 339

10 mL

1 piece

#### Loctite 272, BMW Group

Designed for the permanent locking and sealing of threaded fasteners (M25 and larger). Cures when confined in the absence of air between close fitting metal surfaces and prevents loosening and leakage from shock and vibration.



83 19 2 358 485

50 mL

1 piece

### Loctite 638, BMW Group

Used for locking bushings and sleeves onto housings and shafts.



81 22 9 407 420

55 g

1 piece

#### Hot Melt Applicator Gun TC, BMW Group

Applicator increases ease of use and loading capacity. 150 watts; 120 VAC voltage; 385 degrees  $F^{\circ}$  (196 degrees  $C^{\circ}$ ); utilizes 5/8 inch x 8 inch sticks. Uses PN 83 19 2 409 987.



83 19 2 409 988

1 unit

1 unit

#### Hot Melt Adhesive 3731 Q, BMW Group

A general purpose adhesive with good thermal and electrical properties. Bonds to various substrates, including polyolefins. 15 sticks per bag. To be used with applicator gun PN 83 19 2 409 988.

83 19 2 409 987

1 bag (15 sticks)

15 sticks

#### **Double-Sided Adhesive Tape GT6008P**

Double-sided adhesive tape for attaching add-on parts such as fender strips, decorative strips, emblems, and for windscreen repair.



83 19 0 445 309

1 roll

1 roll

#### 3M™ Film Tape 5425

For preventing creaking noises on roof rail/door sealing joints. (L: 33m, W: 15mm, Thickness 0.11mm).



83 19 9 407 798

1 roll

1 roll

#### **Butyl Cord Kodiplast HV 578-59**

Butyl cord Kodiplast HV 578-59.



83 19 5 A1B 479

1 roll - 7mm x 10m

1 roll

83 19 5 A1B 3F9

1 roll - 5mm x 10m

1 roll

# Butyl Cord K Diplast HV 578 832520

Butyl Cord K Diplast Hv 578 832520. 4mm x 10m



83 22 5 A1B 481

1 roll

1 roll

### 2C PU Foam, BMW Group

Dual component polyurethane foam that expands at a ratio of 10:1 and hardens to become a firm foam with a closed cell structure. All expansion rates and times given are temperature critical. Low water absorption and paintable.



83 42 2 288 930

50 mL

10 pack

#### **Tin Solder Replacement Mixing Nozzles**

Plastic replacement mixing nozzle for tin solder.



**83 19 2 468 929** 10 pack

### Tin Solder Replacement Filler

Replacement filler for tin solder.



**83 19 2 464 575** 175 mL 1 piece

### **TEROSON Standard Nozzle Tip**

TEROSON Standard Nozzle is a standard nozzle for standard sealing beads.



**83 19 5 A19 FF9** 10 pack 10 pack

#### **TEROSON Spray Nozzle Tip**

TEROSON Spray Nozzle is a dispensing nozzle for spray beads and surface coatings.



**83 19 5 A19 D88** 10 pack 10 pack

#### **TEROSON Door Edge Nozzle Tip**

TEROSON Door Edge Nozzle is an especially developed nozzle designed to create sealing beads for sealing applications.



**83 19 5 A1A 000** 10 pack 10 pack

# **TEROSON Flat Nozzle Tip**

TEROSON Flat Nozzle is a nozzle especially designed for application of original OEM flat-stream textured beads to car bodies. It is used with the TEROSON Powerline II Air Pressure Gun. The nozzle is ideal for seal sealing applications.



**83 19 5 A19 D89** 10 pack 10 pack

#### **TEROSON Widestream Nozzle Tip**

TEROSON Widestream Nozzle is a dispensing nozzle for the use with the TEROSON Powerline II Compressed Air Gun. It is used for seam sealing and acoustic applications to recreate original OEM textures.



83 19 5 A1A 003

10 pack

10 pack

#### **TEROSON FlatStream Nozzle Tip**

TEROSON FlatStream Nozzle is a nozzle especially designed for application of original OEM flat-stream textured beads to car bodies. It is used with the TEROSON Powerline II Compressed Air Gun. The nozzle is ideal for seam sealing applications.



83 19 5 A1A 017

10 pack

10 pack

#### TEROSON Cartridge PreHeating Box

TEROSON Cartridge PreHeating Box is a heating device for up to 6 aluminum and plastic cartridges or 6 foil packs. It holds the temperature for approx. one hour once disconnected. The heating box is ideal for outdoor jobs. The device is protected against overheating.



83 19 5 A19 D92

1 box

1box

#### TEROSON Powerline II Pistol Air Pressure Gun

The TEROSON Powerline II air cartridge gun with integrated pressure gauge is a very powerful tool for dispensing one and two component direct glazing sealants from cartridges. It ensures smooth action and allows for continuously variable adjustment of adhesive flow.



83 19 5 A19 FE9

1gun

1 gun

#### **TEROSON Multi Press Pistol Air Pressure Gun**

Handheld pneumatic dispenser for spray applications of TEROSON brand products. Capable of either spray, bead, or ribbon patterns for seam and joint seals as well as surface coatings. The material flow and spray air can be regulated independently for fine control.



83 19 5 A19 FF8

1 gun

1 gun

# **TEROSON Applicator Brush**

TEROSON Applicator Brush.



83 19 5 A19 D90

10 pack

10 pack

#### Seam Sealant (D2), BMW Group

Solvent and isocyanate-free silane-modified polymer also for the reproduction of flat- and wide-stream beads with OEM texture. It can be brushed or painted over and has good adhesion to a variety of substrates. Skin formation time is 10 minutes.

4 1

**83 19 5 A66 E25** 300 mL 1 piece

#### Seam Sealant (D1), Brushable, BMW Group

Brushable Seam Sealant - White, fast curing, high sag resistance, over-paintable.



**83 19 5 A66 E26** 310 mL 1 piece

# **SHOP SUPPLIES**

#### Gloves - Raven Nitrile, BMW Group

Outstanding strength, wear, and dexterity; Textured for excellent chemical resistance and great grip. Powder free. One box contains 100 gloves.

83 19 2 420 869	1 box - Size: Small	10 boxes
83 19 2 420 870	1 box - Size: Medium	10 boxes
83 19 2 420 871	1 box - Size: Large	10 boxes
83 19 2 443 937	1 box: - Size: XL	10 boxes



#### Gloves - Neon Green Nitrile, BMW Group

Outstanding strength, wear, and dexterity; Textured for excellent chemical resistance and great grip. Powder free. One box contains 100 gloves.





#### Disposable Seat Covers, BMW Group

Seat Covers are disposable and recyclable. Standardized design protects bucket, bench and split seats. Multi-layer construction ensures that the seat cover stays in place throughout the entire service process.



**83 19 2 455 988** 500/roll 1 roll

#### Disposable Coated Paper Floor Mats, BMW Group

Keep dirt, grease, oil, spills, leaks or other shop fluids out of your customer's vehicle during service.



83 19 2 455 989

500/box

1box

### Disposable Steering Wheel Covers, BMW Group

Protects steering wheels from grease, drips and spills. Universal fit.



83 19 2 455 990

500/box

1box

#### Disposable Non-Elastic Steering Wheel Covers, BMW Group

Keep vehicles clean from grease and germ-free with these convenient, high-quality plastic steering wheel covers.



83 19 5 A27 1A9

500/box

1box

#### Shift Knob Plastic Cover

Each cover slips easily onto the gearshift of the vehicle to prevent the spread of dirt, grease, grime, germs, and disease.



83 19 5 A2A AE4

500/box

1box

### **LED Light Safety Glasses**

Allows the wearer to work hands-free thanks to LED lights on the temples. The lights swivel to direct light where needed most. Long-lasting batteries provide up to 50 hours of continuous use. Meets the requirements of ANSI Z87.1-2010 and CSA Z94.3-2007.



83 19 2 455 982

10 pk

1 box (10 pk)

## **Engine and Cold Cleaner, BMW Group**

Cleans oil and grease off engines and additional components. Do not use on hot surfaces.



83 19 5 A16 634

1L

#### Rust Off, BMW Group

Designed to remove corrosion and free frozen fittings. Product is great for cleaning and protecting from rust. Non-flammable, non-conductive - prevents arcing. Displaces moisture. Penetrates small cracks and crevices. Low odor.



83 19 2 446 564

11 oz

12 pieces

#### **Cavity Protection, BMW Group**

Cavity protection after accident repair work. Easy to spray on anti-corrosion agent for areas that are not easily accessible and confined sheet-metal spaces. Infiltrates and displaces moisture.



83 42 2 457 338

1L

1 piece

#### **Cavity Foam**

For sealing off cavities during repairs.



83 42 9 410 694

400 mL

1 piece

#### Cavity Protection Wax Remover, BMW Group

Special cleaner for removing excess cavity protection wax from the vehicle's surface.



83 12 0 390 086

500 mL

12 pieces

#### **Cavity Protection Spray, BMW Group**

Cavity protection spray for spraying out the interior of cavities for subsequent treatment of cavity sealing following accident repair work.



83 42 2 457 337

400 mL

1 piece

### Clinker Tile Floor Cleaner, BMW Group

Specifically designed and approved for use on Clinker Tile. Also effective on cement and other hard surface floors. Low foam formula quickly cleans up oil and grease. Add 20-30 mL per liter of water when used manually or in a floor scrubbing machine. Can also be used on lifting ramps, machinery and tools.



83 19 2 361 201

20 L

#### Powder Spray, BMW Group

White powder spray for fast and safe detection of air, water, and dust leaks.



**83 19 2 473 511** 6.75 oz 1 piece

#### **Hand Medic**

This silicone and fragrance-free formula rubs in quickly and nourishes skin, with no greasy residue.



**83 19 2 455 981** 8 oz 6 pieces

#### **Supro Max Hand Cleaner**

Non-drying formula hand cleaner with walnut scrubbers that remove sticky soils and adhesives. The unique blend of cleaners, skin conditioners and gentle scrubbers leave skin conditioned and feeling healthy.



**83 19 2 455 980** 1 gal 2 pieces

#### **Walnut Shell Powder**

50 lb bag, mesh size 20/30.



**83 19 5 A15 4C1** 50 lbs 1 unit

### PIG® Universal Light-Weight Absorbent Mat Roll

PIG® Mat instantly sucks in oils, coolants, solvents, and water. Spill something on the floor, and PIG® Mat will suck it up fast. Just put it down and let it work. With PIG® Mat on your benchtop, your parts and tools stay clean and organized.



**83 19 2 461 718** 1 roll, 15" x 50' 12 rolls

# PIG® Universal Medium-Weight Absorbent Mat Roll

PIG® Mat instantly sucks in oils, coolants, solvents, and water. Spill something on the floor, and PIG® Mat will suck it up fast. Just put it down and let it work. With PIG® Mat on your benchtop, your parts and tools stay clean and organized.



**83 19 2 461 719** 1 roll, 30" x 150' 1 roll

#### PIG® Universal Medium-Weight Absorbent Mat Pad

PIG® Mat instantly sucks in oils, coolants, solvents, and water. Spill something on the floor, and PIG® Mat will suck it up fast. Just put it down and let it work. With PIG® Mat on your benchtop, your parts and tools stay clean and organized.



83 19 2 461 720

1 box of 100-15" x 20" pads

1box

#### PIG® Universal Light-Weight Absorbent Mat Pad

PIG® Mat instantly sucks in oils, coolants, solvents, and water. Spill something on the floor, and PIG® Mat will suck it up fast. Just put it down and let it work. With PIG® Mat on your benchtop, your parts and tools stay clean and organized.



83 19 2 461 721

1 box of 100-15" x 20" pads

1box

#### PIG® Universal Light-Weight Absorbent Mat Tablet

Cleans up drips, spills or splatters throughout the shop. Easier to use than floor sweep and reduces cleanup time.



83 19 2 461 722

1 tablet of 15 - 14" x 14.25" pads

8 tablets

#### PIG® Universal Light-Weight Absorbent Drum-Top Pad

Keep drum tops clean and professional without the clutter of dirty rags. Put precut PIG® Drum-Top Pads in place to soak up drips and spills from filling and dispensing. Precut with holes for 3/4" and 2" bungs to fit perfectly on steel 55-gallon drum tops. Quickly absorbs and retains all common automotive fluids and solvents: oils, coolants, water, gasoline, paint over spray, battery acid and more. PIG® Mat's eight layers of polypropylene won't leave residue after saturation or fluid evaporation. Contains 50% recycled fibers.



83 19 2 469 855

5 pads/bag

18 bags

#### PIG® Universal Light-Weight Absorbent Drum-Top Pad

Precut with holes for 3/4" and 2" bungs to provide a perfect fit on steel 55-gallon drum tops. Soak up overfill and pump drips to keep them off floors without cluttering up your shop with dirty rags. Eight layers of 100% polypropylene are thermally bonded to make PIG® Mat the strongest mat on the market; won't rip, fray or fall apart, even when saturated. Highly absorbent material traps liquids, so it won't drip or leave behind fibers when you pick it up; spend less time collecting used absorbent between jobs. Exclusive dimple pattern speeds wicking of liquid toward dry spots on Pad, so messes disappear fast, cleanup is simple and you use each pad to full capacity. Eliminate messy drum storage areas without touching a mop or rag!



83 19 2 469 856

20 pads/dispenser box

1 box

#### PIG® Water Repellent Oil-Absorbent Light-Weight Mat Pad

STRONG, DURABLE ABSORBENT MAT: Eight layers of 100% polypropylene are thermally bonded to make PIG Mat the strongest mat on the market; won't rip, tear or fray even when saturated. New Pig Absorbent Mats lasts 2x longer than ordinary mats for fewer change outs; easy-tear perforations mean less waste to save you money. Exclusive dimple pattern speeds wicking of liquid throughout the mat for faster, easier cleanup of oil, coolants, water, grease, gasoline, solvents.



83 19 2 469 857

1 box of 100-15" x 20" pads

1box

#### PIG® Water Repellent Oil-Absorbent Medium-Weight Mat Pad

STRONG, DURABLE ABSORBENT MAT: Eight layers of 100% polypropylene are thermally bonded to make PIG Mat the strongest mat on the market; won't rip, tear or fray even when saturated. New Pig Absorbent Mats lasts 2x longer than ordinary mats for fewer change outs; easy-tear perforations mean less waste to save you money. Exclusive dimple pattern speeds wicking of liquid throughout the mat for faster, easier cleanup of oil, coolants, water, grease, gasoline, solvents.



83 19 2 469 858

1 box of 100-15" x 20" pads

1 box

#### PIG® Water Repellent Oil-Absorbent Light-Weight Mat Roll

STRONG, DURABLE ABSORBENT MAT: Eight layers of 100% polypropylene are thermally bonded to make PIG Mat the strongest mat on the market; won't rip, tear or fray even when saturated. New Pig Absorbent Mats lasts 2x longer than ordinary mats for fewer change outs; easy-tear perforations mean less waste to save you money. Exclusive dimple pattern speeds wicking of liquid throughout the mat for faster, easier cleanup of oil, coolants, water, grease, gasoline, solvents.



83 19 2 469 859

1 roll, 15" x 50'

12 rolls

#### PIG® Magnetic Roll Holder

Keep your PIG® mat within an arm's reach for easy access and hassle-free dispensing. The PIG® Magnetic Roll Holder attaches to any metal surface to keep mat off the floor and close at hand. Holds one 15"W x 50'L PIG® Mat Roll for easy one-handed dispensing. Durable, powder-coated steel resists chips, rust, and corrosion. Powerful magnets keep roll holder firmly in place during dispensing; can be removed and relocated in seconds. Ideal for attaching to tool boxes, car lifts, support beams, or other metal surfaces.



83 19 2 469 860

1 holder, 17" x 5.5" x 2"

1 holder

#### PIG® Mat Adjustable Roll Dispenser

Free-standing steel frame easily adjusts and locks into position to dispense a wide variety of PIG Mat Rolls. Adjustable width from 16" to 32", locks open for hassle-free moving, tilted design enhances stability when dispensing, durable painted steel resists rust and corrosion. Use with 16" - 32" wide rolls.



83 19 2 469 861

1 dispenser, 34.65" x 23.62" x 11.81"

1dispenser

### E46 Fuel Tank Return Kit, BMW

Kit for returning the E46 fuel tank to BMW. Please refer to SIB160317.



16 11 8 699 011

1 kit

1 kit

# Front Axle Repair Kit Micro, BMW Group

Repairs clicking noises from the front axle area while maneuvering at low speeds (i.e. parking lot maneuvers) on E70, E71, F15, F16, F01, F02, F04, F06, F07, F10, F12, F13, & G12 Models. See SI Bulletin B31 01 12 April 2018 for detailed repair procedures.



83 19 2 298 825

1 kit

1 kit

#### Stainless Steel Drum Pump

Hand-operated drum pump will pump up to 20 oz. per stroke of liquid. Use to effortlessly dispense bulk products. Proper handling of DEF is required to maintain purity. Pumps used for DEF must NOT be used for any other type of fluid.



**83 19 2 357 986** 1 unit 1 unit

#### 3M<sup>™</sup> Overspray Protective Sheeting

Shields cars, trucks or vans from overspray while being repainted. High density polyethylene film offers excellent paint adhesion and paint overspray adhesion. Resist paint flaking, which eliminates the need for masking paper at the critical paint edge. The sheeting clings to vehicle and has center printing for easy alignment, which makes it easy to handle. Sheeting easily cute to any size needed for a project.



**83 19 2 450 334** 1 roll (16ft x 400ft) 1 roll

#### 3M™ Masking Paper

Blocks solvents used in gel coats and paints from soaking through and contaminating underlying surfaces. Provides resistance to paint solvents, urethanes, base coats and clear coats.



 83 19 2 450 336
 1 roll (18in x 750ft)
 1 roll

 83 19 2 450 337
 1 roll (36in x 750ft)
 1 roll

#### 3M™ Masking Tape, Green

Delivers consistent performance on moldings, plastic, glass, metal, rubber and paint. Includes flexible backing that applies easily around vehicle curves and contours and adhesive that sticks at a touch, stays put, resists lifting and edge curl and removes without transfer for consistent paint lines. Color: Green



 83 19 2 450 331
 1 roll (36mm)
 16 rolls

 83 19 2 450 330
 1 roll (18mm)
 48 rolls

### 3M™ Masking Tape, Yellow

Delivers instant adhesion to a variety of automotive substrates including moldings, plastic, glass, metal, rubber and painted surfaces. Resists moisture, solvents and outdoor exposure and leaves clean paint lines without buildup. Color: Yellow



 83 19 2 450 387
 1 roll (36mm)
 24 rolls

 83 19 2 450 386
 1 roll (18mm)
 48 rolls

#### 3M™ Masking Tape, Blue

Vinyl backed tape for paint line definition. Ideal for masking, wrapping or sealing curved or irregular surfaces. Used for lane and safety marking applications, color coding, abrasion protection, decoration and splicing applications. Color: Blue



**83 19 2 450 332** 1 roll (0.25 in) 12 rolls

#### **Adhesive Tape**

To position windshield/rear window when gluing. DO NOT use outdoors and should not remain on the vehicle outdoors.



83 19 9 410 979

1 roll

1 roll

#### Scotch® Slimline Apron Taper

Upright, portable masking dispenser with side hooks that attaches masking tape to masking paper, maintaining proper paper and tape alignment that doesn't need adjusting. Dispenses three widths of masking paper up to 18 inches wide. Taper can be moved from job to job with one hand mobility. Note: Paper and tape not included.



83 19 2 450 338

1 dispenser

1 dispenser

# **BULK DETAILING**

#### Detailing Glass Cleaner Concentrate, BMW Group

Concentrated formula, dilute 8 oz with 1 gallon of water before using. Fast drying, streak free formula. Safe to use on all glass surfaces, including both factory and aftermarket tinted windows.



83 19 2 412 520

5 gal

1 piece

#### **Detailing Interior Cleaner Concentrate, BMW Group**

Concentrated formula, dilute 8 oz with 1 gallon of water before using. Safe to use on nearly all interior surfaces (leather, carpet, upholstery, and plastic). Formulated with highly effective grease cutters and particulate soil cleaners.



83 19 2 412 522

5 gal

1 piece

## Detailing Car Shampoo Concentrate, BMW Group

Concentrated formula, dilute 2 oz with 1 gallon of water before using. When used as directed, creates a solution that removes dirt quickly and thoroughly without damaging paint or protective wax coatings. Do not use on vehicles with a Matte paint finish.



83 19 2 412 519

5 gal

1 piece

## Detailing Wheel & Rim Cleaner (RTU), BMW Group

Acid-free formula that safely cleans and brightens wheels. Reacts with iron particles in brake dust to help clean. This reaction can be seen as its happening as the formula changes to a deep purple color. Does not degrade clear-coats or other finishes.



83 19 2 412 521

5 gal

#### Detailing Leather Cleaner and Conditioner (RTU), BMW Group

Designed to clean, condition, and protect all smooth leather surfaces. Contains conditioning oils to help maintain and restore the leather's natural luster. Formulated with a powerful UV absorber to aid in protecting the leather from the sun.



83 19 2 412 524

5 gal

1 piece

#### Detailing Tire Dressing (RTU), BMW Group

50 state legal solvent based tire shine formula. Engineered to be 'sling-free', medium gloss level for a semi-wet look.



83 19 2 412 523

5 gal

1 piece

#### **Bulk Detailing Product Kit, BMW Group**

Kit includes:

BMW Group Detailing Application Bottle Kit - (1 kit)

BMW Group Glass Cleaner Concentrate - (5gal)

BMW Group Tire Dressing (RTU) - (5gal)

BMW Group Wheel and Rim Cleaner (RTU) - (5gal)

BMW Group Interior Cleaner Concentrate - (5gal)

BMW Group Car Shampoo Concentrate - (5gal)

BMW Group Leather Cleaner & Conditioner (RTU)- (5gal)

83 19 2 414 189

1 kit

1 kit



#### Bulk Detailing Bottle Kit, BMW Group

Empty bottles for use with bulk detailing products. Includes (6) 32 oz. clear graduated bottles, (3) heavy duty sprayers, (3) caps, and (6) generic product labels.



83 19 2 414 104

1 kit

1 kit

#### **Automatic Carwash Soap**

The non-hazardous and biodegradable formula makes this the best cleaning option for a cloth carwash. Rinses easily and quickly helping to conserve water usage. Use approx. 2oz per automatic carwash cycle or 1oz per gallon of warm water for manual washing.



83 19 2 456 456

55 gal

1 piece

#### **Automatic Carwash Soap - CALIFORNIA**

The non-hazardous and biodegradable formula makes this the best cleaning option for a cloth car wash. Rinses easily and quickly helping to conserve water usage. Use approx. 2oz per car wash cycle. Available for purchase in California, New Hampshire & Utah.



83 19 2 456 457

55 gal

#### **Automatic Carwash - Drying Agent**

Uniquely designed to give the vehicle a shine, this drying agent will help speed up drying time whether or not a car dryer is used. Use 1/4 oz - 1/2 oz per vehicle. Adjust to personal preference.



83 19 2 456 458

55 gal

1 piece

# WHEEL WEIGHTS

#### Wheel Weight Tape (61405), BMW Group

Wheel Weight Tape 61405 is a lead-free, flexible, and conformable weight used to balance tires. Cut to exact length for better balance and ride, one product replaces dozens of clip on weights. 4 mm thick and 23 mm wide.



83 19 2 456 449

1 roll (19.75 lbs)

1 roll

### Wheel Weight Tape (99427), BMW Group

An adhesive-backed mechanical replacement for clip-on weights used on the wheel flange. It is provided on a roll and is designed to be cut to weight to meet your precision wheel balancing requirements.



83 19 2 456 450

1 roll (9.7 lbs)

1 roll

# Wheel Weight Tape Black (55428), BMW Group

A black version of our flexible, conformable lead-free, corrosion free wheel weight system.



83 19 2 456 451

1 roll (17.37 lbs)

1 roll

#### Wheel Weight Cutting Tool, BMW Group

Used to easily cut 3M™ Wheel Weights to exact length. Easy to read scale determines exact weight in gram or 1/4 oz increments. 3 replacement blades included in the handle.



83 19 2 456 452

1 each

1 each

#### Wheel Weight Replacement Cutter Blades, BMW Group

A replacement kit containing replacement anvils and blades for the Wheel Weight Cutting Tool (PN 83192456452).



83 19 2 456 453

1 package of 3 blades

1 package of 3 blades

### Wheel Weight Removal Tool, BMW Group

Used to remove wheel weights.



83 19 2 456 448

1 piece 3 pieces

#### Wheel Weight Replacement Ruler, BMW Group

Provides an easy-to-read scale for measuring Wheel Weight Tape (PN 83 19 2 456 450) and Wheel Weight Tape (PN 83 19 2 456 449) to the exact weight. It is designed to be used with the Wheel Weight Cutting Tool (PN 83 19 2 456 452).

1 unit



**83 19 2 456 454** 1 unit

#### Wheel Weight Ruler, 3M™

To be used with PN 83 19 2 456 451, 3M<sup>™</sup> Wheel Weight Tape 55428 Genuine 3M<sup>™</sup> replacement part for 3M<sup>™</sup> Wheel Weight System. Used with the 3M<sup>™</sup> Universal Cutting Tool to accurately cut 3M<sup>™</sup> Wheel Weights to the desired weight. Easy to read scale determines exact weight for precise wheel balancing.



**83 19 2 468 447** 1 unit 1 unit 1 unit

#### Wheel Weight Dual Box Attachment, BMW Group

Allows the Wheel Weight Cutting Stand to hold two boxes of  $3M^{TM}$  Wheel Weight Tape (PN 83 19 2 456 449) or (PN 83 19 2 456 450).



**83 19 2 456 455** 1 unit 1 unit

### Dual Wheel Weight Cutter Bracket Extender, 3M™

For use with the Dual box holder to provide an additional cutting option.



**83 19 2 462 519** 1 unit 1 unit 1 unit

### Wheel Surface Cleaner Prep, 3M™

For use in cleaning and prepping wheels for Wheel Weight application. Scotch-Brite pad included.



**83 19 2 455 979** 16 oz 4 pieces

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