

131VW001N1

**VOLKSWAGEN GOLF 8 R VARIANT
MK8**

ASP

ADJUSTABLE SPRING PERCH

BC



Thank you for purchasing the BC Racing A.S.P.
Please read this instruction guide carefully before proceeding with install.

BC Part Number	131VW001N1
Vehicle	VOLKSWAGEN GOLF 8 R VARIANT
Model/Chassis	MK8
Year	2020+
Min. Ride Height from OEM	FRONT -27mm
	REAR -30mm
TIRE SIZE FRONT	235/35/19
TIRE SIZE REAR	235/35/19

▲ All vehicle lowering data is for reference only and may vary depending on individual vehicle conditions.

 **Disclaimer**

The BC Racing ASP is designed and intended to lower a vehicle’s ride height. The use of this product on public roadways may not meet local, state, or federal regulations. Installation and use of this product may affect the vehicle’s original manufacturer’s warranty. It is the consumer’s responsibility to meet and comply with federal, state, or local government regulations and/or policies prior to operating the vehicle on public roadways.


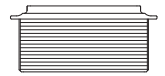
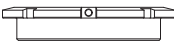





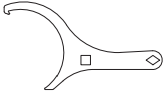
ATTENTION!!

Removal of OEM components from damper assemblies and installation of this product may only be undertaken by trained technical personnel with ASE certification.








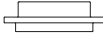



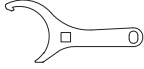
Incorrect installation/adjustment can damage OEM Dampers or other OEM components, which we are not able to supply. Installers shall be responsible for any damage due to incorrect installation or adjustment.

Parts List

FRONT

SA17-1010		BEARING	2
SG07-2247		SPRING PERCH	2
SA09-1116		LOCKING RING	2
SA15-6002		M5 SET SCREW	2
1-SPS-2353.5-A1		SPRING	2
SA11-2019		DUST COVER	2
SA11-0031-22		BUMPSTOP	2
SA09-1233		DAMPER CAP	2
SG12-0080		SPANNER	1

REAR

SA11-2019		DUST COVER	2
SA11-0030-16		BUMPSTOP	2
SG07-2235		SPRING PERCH	2
SG09-1104		LOCKING RING	2
SA15-6004		M6 SET SCREW	2
SA05-2002		INSULATOR	2
1-SPE-19006-A1		SPRING	2
SA09-1216		SPRING ADAPTOR	2
1-SP-0680.45-A1		HELPER SPRING	2
SA09-1217		HELPER SPRING SEAT	2
SA05-1026		BOTTOM RUBBER PAD	2
SG12-0066		SPANNER	1

Before Installation



CAUTION

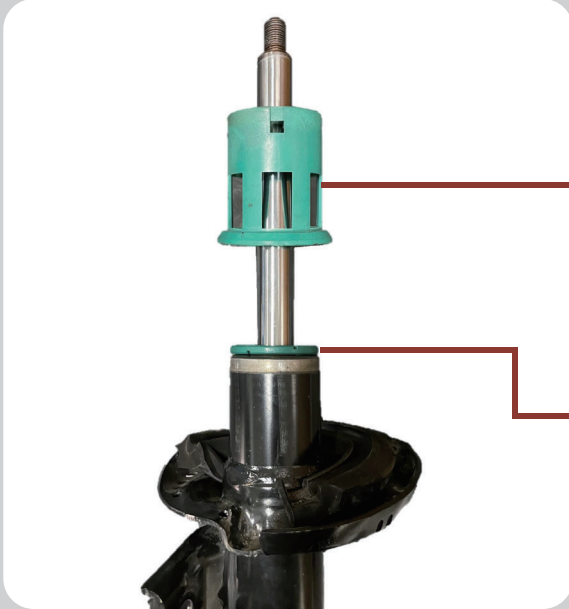
- This product was designed and developed for specific vehicle models and should only be installed on the intended application. Ensure you received the correct items for your vehicle before attempting installation.
- No part of this instruction may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without express written permission from Taiwan Bor-Chuann Enterprise Co., Ltd.
- **This product may only be installed by trained technical personnel with ASE certification.**
- Do not use impact wrenches to install or remove damper/shock absorber hardware.
- Installation and removal of suspension components including dampers and springs must be in accordance with the original manufacturer's specifications. Please refer to the factory service manual if available.
- BC (Taiwan Bor-Chuann Enterprise Co., Ltd) is not liable for any damages and/or failures caused by the use of components not supplied by BC (Taiwan Bor-Chuann Enterprise Co., Ltd).
- Incorrect installation or adjustment can cause noise and/or damage to the product, which will not be covered by warranty.

ARROW INDICATION

- INSTRUCTION
- BC SUPPLIED ASP PARTS
- OEM PARTS

Installation FRONT

1



Remove the OEM plastic cover which will no longer be needed during the installation.

OEM PLASTIC COVER

OEM PLASTIC WASHER

2

Keep the OEM plastic washer in place. Do not remove it.

3

Cut off the protrusion on the bottom side of both front strut mounts to make the surface flat. Otherwise, the supplied bearing will not fit firmly.



4



Install the following parts in order :

1. BC ASP damper cap

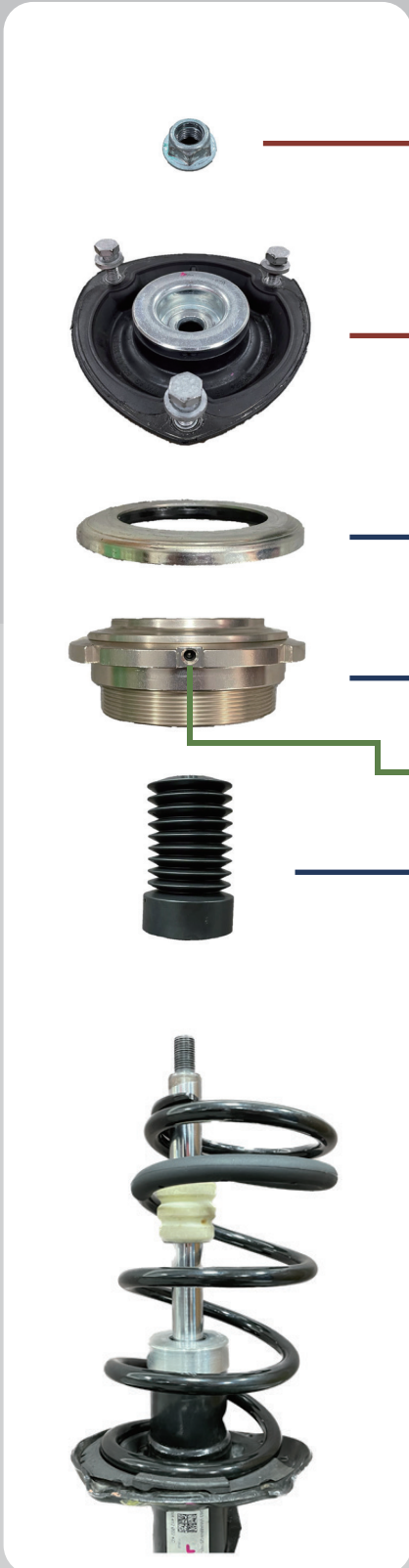


2. BC ASP bump stop



3. BC ASP coil spring

5

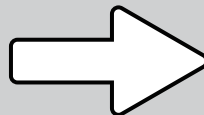


Install the following parts in order :

1. BC ASP dust cover
- ↓
2. BC ASP spring perch
- ↓
3. BC ASP bearing
- ↓
4. OEM top mount
- ↓
5. OEM top nut
(M14, with 70Nm of Torque)

6

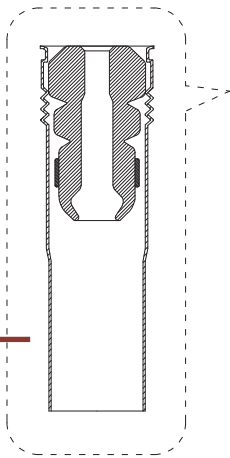
Tighten the M5 set screw on the side of the locking ring after installation.



Installation REAR

OEM Top Mount

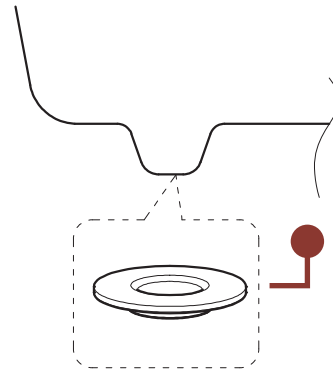
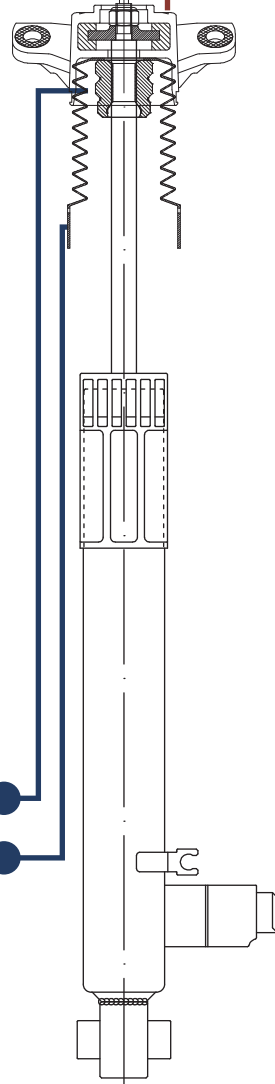
Tighten the OEM M10 top nut with 25Nm of torque.



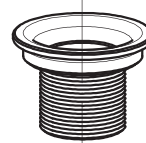
Remove the OEM bump stop and dust cover.

ASP bump stop

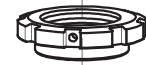
ASP dust cover



OEM Upper Rubber Pad



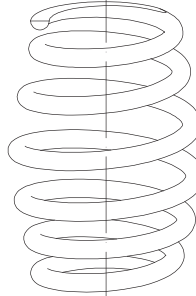
Spring Perch



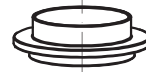
Locking Ring



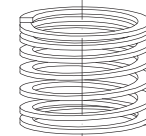
Insulator



ASP Spring



Spring Adaptor



Helper Spring



Helper Spring Seat



Bottom Rubber Pad

7

Install the BC supplied ASP parts and springs in the order shown on the right-hand side.



- Do not over tighten damper top nuts. All hardware should be tightened in accordance with the recommended torque values specified in the vehicle manufacturer's manual.

Adjustment

- Do not over tighten the spring as this will compress spring and cause rate shifting.
- Always clean dirt and debris from threads with pressurized air and/or brake cleaner. It is recommended to grease adjuster threads before performing ride height adjustments to prevent locking rings from seizing.

After Installation

- Make sure all hardware that was removed during installation are properly tightened.
- Ensure the set screw on each locking ring is tightened.
- A full vehicle alignment is highly recommended after installation, as it greatly influences the vehicle's handling characteristics and tire wear.
- Perform regular periodic checks on all hardware and locking rings.

Technical Support

- Please keep the original purchase invoice and warranty card for future service requests.
- Lowering your vehicle will change chassis suspension geometry. This can lead OEM components such as control arms, to generate noise. Relative age and condition of the surrounding suspension components may exacerbate noise production, commonly referred to NVH (noise, vibration, harshness).
- Please contact your local distributor for more information concerning technical support or advice concerning the product.

ASP

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