

Service Information

Special Tools and Equipment

Number: ATE-15-04

Subject: VAS6960 AdBlue Filling System
Minimum Requirement Special
Tool Shipment AT-370US – Free Of Charge
USA

Date: March 10, 2015

Audi of America is pleased to inform you of the release and automatic delivery of the VAS6960 AdBlue Filling System. The VAS6960 is a fast and mobile filling system used on all Audi diesel vehicles that require AdBlue. Simply move the VAS6960 to the vehicle to be refilled. Insert nozzle into the filler neck and start refilling. Optionally engage the quick-filling function, finished. The VAS6960 AdBlue Filling System automatically shuts off when refilling is completed. The unit is promptly ready to use again.

In order to support Audi brand customer service initiatives one VAS6960 AdBlue Filling System will be shipped **Free of Charge (including freight¹)** per dealership to all Audi dealers in the USA.

Starting March 23, 2015 through the end of April, every Audi dealer will be shipped one VAS6960 AdBlue Filling System, (Free of Charge -Freight Included) by the Audi Special Tools Program (Snap-On Business Solutions - SBS).

For dealers that wish to purchase additional VAS6960 AdBlue Filling System, please notify the Audi Tools and Equipment program by contacting us at 800-892-9650. Additional orders will be filled with remaining stock in the order received.

Shipping inquiries should be directed to the Audi Tools and Equipment program @ (800-892-9650).

¹ Dealership is responsible for all associated costs including, but not limited to maintenance, repair and other operating costs.

<u>Franchise Type</u>	<u>Package Qty</u>	<u>Dealer Price USA</u>	<u>Dealer Price Canada</u>
Audi Exclusive	1 tools	\$ Free of Charge	\$ Free of Charge
Audi/VW Dual	1 tools	\$ Free of Charge	\$ Free of Charge

VAS6960



Service Information

Tool Description	Repair Group	Illustration
VAS6960 AdBlue Filling System VAS 6960 is a mobile AdBlue filling system for passenger vehicles (of the Group), which drastically reduces the AdBlue filling time. The device is also suitable for the more demanding refueling requirements on Audi Q7. - Mains-independent operation by means of rechargeable battery. - Automatic refilling of AdBlue from commercially-available 55 gallon drums, 60/200 liter drums or 1000 liter IBC (Intermediate Bulk Container) with CDS suction connection. - Automatic deactivation of filling nozzle at lowest volumetric flow (maximum fill level) to prevent reserve air (frost protection) in AdBlue tank from being forced out The application is described in the relevant workshop manual. Technical data: - Quad sensor-controlled automatic filling nozzle with foolproof adaptor on AdBlue filler neck (in accordance with ISO 22241-5) and status indicator as well as swivel joint - Multilingual multifunction display - Suction connection: CDS adapter for connecting to equipment's own 60 liter tank or commercially-available container - Reservoir: 60l PE tank with CDS suction connection and opening for filling nozzle - Output hose: 2 m long with swivel joint - Delivery pump: Electric diaphragm pump with pressure switch, system delivery max. 6.5 l/min. - Ambient temperatures: 0 to +30 C° - Power supply: 12 VDC gel battery (no risk of fluid loss), 18Ah, electronic charger 90 to 230VAC - Mains supply leads: For battery charger, 1.5 m long - Dimensions (L x W x H): approx. 960 x 580 x 1080 mm - Weight: approx. 48 kg (without AdBlue)		

Service Information

Items supplied: - 1 x VAS 6960 AdBlue filling system - 2 x VAS 6960/1 Flow regulator (includes wrench for removing flow regulator) - 1 x VAS 6960/2 (200 Liter hose fitting) - 1 x VAS 6960/3 (60 Liter hose fitting) - 1 x VAS6960/55USA (55 gallon AdBlue drum adapter) - 2 x VAS 6960/5 (Audi A4 adapter) - 1 x 60 Liter tank - 1 set of operating instructions (multilingual) Replacement parts: Flow regulator VAS 6960/1; <u>ASE 404 641 00 000</u> 200 Liter hose fitting VAS 6960/2; <u>ASE 404 642 00 000</u> 60 Liter hose fitting VAS 6960/3; <u>ASE 404 643 00 000</u> 55 Gallon AdBlue drum adapter VAS 6960/55USA ; Optional accessories: 1000 Liter hose fitting VAS 6960/4; <u>ASE 404 644 00 000</u> Warranty 24 months Manufacturer Flaco-Geräte GmbH ASE 404 640 90 023		
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Service Information

Customer service addresses / spare parts sales

Please contact the MAHA-USA service department in case of questions or to order spare parts.

Availability:

Monday-Thursday 7:00 am – 4:30 pm CST

Friday – 7:00 am – 12:00 pm CST

Service Line: 866-518-4537

Email: service@maha-usa.com

Service address:

MAHA USA L.L.C.
2404 East Highway 134
Pinckard, AL 36371

VOLKSWAGEN

AKTIENGESELLSCHAFT



AdBlue[®] filling system VAS6960

Fast, mobile and safe filling



The fast and mobile AdBlue® filling system.

For Volkswagen Group passenger vehicles and Volkswagen commercial vehicles



Fast and clean filling

The AdBlue® filling system VAS 6960 works with two delivery rates: Standard delivery speed up to 3.51/min. and maximum volumetric flow in boost mode up to approx. 6.51/min.

This can be set during delivery.

Absolutely safe and clean: The nozzle is controlled by four sensors and switches off automatically as soon as the maximum fill level is reached or the nozzle is withdrawn during the filling process.

In addition there are practically no drips from filling thanks to the full hose valve and close-fitting components. The nozzle, which is adapted for this purpose only, is fitted to the AdBlue® filler neck and enabled.



VAS 6960/55 hose fitting adapter, in conjunction with the VAS 6960/2 delivery hose, facilitates refills from a 55-gallon drum.



The VAS 6960/2 delivery hose threads into the VAS6960/55 hose fitting adapter.



The VAS6960/55 hose fitting adapter threads into a standard 55-gallon drum. (Adapter fits 2" Buttress drum openings.)

VAS 6960 shown with optional 55-gallon drum for high volume use.

Flexible and practical

The AdBlue® filling system VAS6960 is ready for immediate use. It's onboard, rechargeable battery fully functions independent of 110V electricity or compressed air.

With the multilingual multifunction display, the following information can be called up:

- Details about the total delivery volume
- Delivery volume of last filling
- Remaining volume in tank
- Quick fill function
- Charge status of battery inc. charging indicator with the integrated charger

The self-filling system allows the tank to be filled from conventional, low cost 55-gallon optional containers by means of a CDS suction connection and electric diaphragm pump with pressure switch.



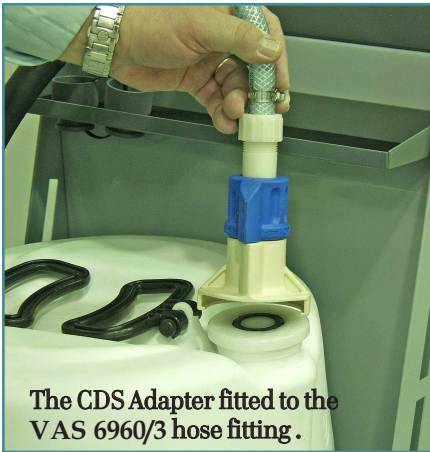
The VAS 6960 filling system components connected to an optional 55-gallon drum.



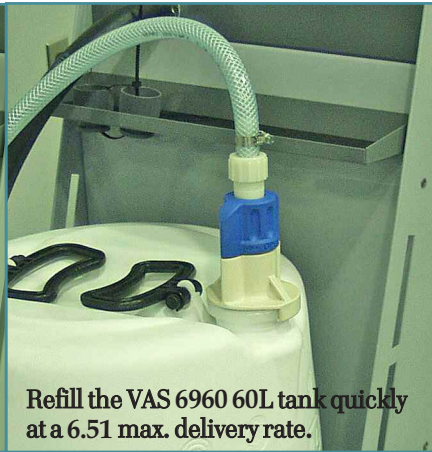
The CDS Adapter provides refill suction connection.



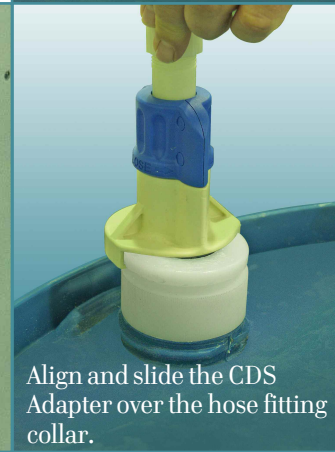
The interlocking sleeve fits onto the hose fitting collar.



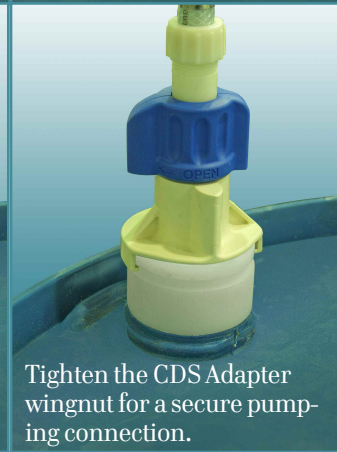
The CDS Adapter fitted to the VAS 6960/3 hose fitting .



Refill the VAS 6960 60L tank quickly at a 6.51 max. delivery rate.



Align and slide the CDS Adapter over the hose fitting collar.



Tighten the CDS Adapter wingnut for a secure pumping connection.

Lightweight, versatile and small. Up to 2/3 time savings.

The AdBlue® filling system VAS 6960 maneuvers easily in the workplace environment.

Flexible and practical

Compact dimensions, integrated rechargeable battery and variable length delivery hoses each with a swivel joint facilitate flexible and mobile use.

The AdBlue® filling system VAS 6960 is packed with a great deal of technical expertise yet still has a very low weight.

Extremely good time economy compared with conventional and manual equipment thanks to the 6.51/max. system delivery rate. Refilling the VAS 6960 tank is a quick and easy process. The CDS adapter features an interlocking sleeve to provide tight connections to 1,000L, 200L, or 60L hose fittings.



The AdBlue® filling system VAS 6960 features an access panel to the integrated rechargeable battery and pump delivery system.

Audi A4 adapters included.



A full range of components for your workplace.

Expedite service with this integrated system.

How does AdBlue® work?

The SCR catalyst converts the exhaust gas component, nitrogen oxide (NOx), into nitrogen and water without forming undesirable by-products. Conversion takes place with the use of AdBlue®, a synthetically-manufactured, watery urea solution kept onboard in an auxiliary tank. The substance consists of 32.5 percent urea and is continually injected in the exhaust gas stream ahead of the SCH catalyst.

Variable length delivery hoses accommodate the refill container that fits your workplace volume



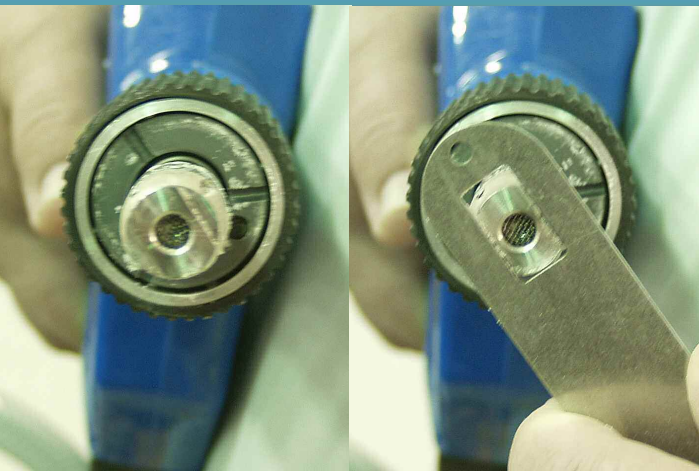
VAS 6960/4 - 1,000L hose fitting



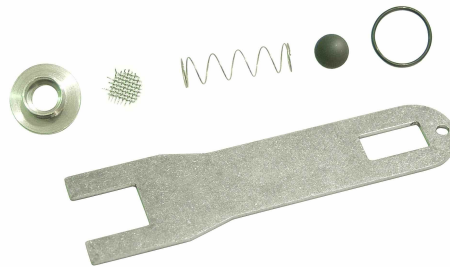
VAS 6960/2 - 200L hose fitting



VAS 6960/3 - 60L hose fitting



Maintain consistent nozzle flow rate with the use of VAS6960/1 flow regulator and removal tool



VAS 6960/1 - flow regulator with removal tool



The multiple language operating manual provides in-depth instructions on the use of the AdBlue® filling system VAS 6960.

Product data sheet

Design and features

- Multilingual multifunction display
- Quad-sensor-controlled automatic filling nozzle with foolproof adapter on AdBlue® filler neck (in accordance with ISO 22241-5) and status indicator as well as swivel joint
- Suction connection: CDS adapter for connecting to equipment's own 60L tank or commercially-available container
- Reserve tank: 60L PE tank with CDS suction connection and opening for filler nozzle
- Delivery hose: 2 m long with swivel joint
- Delivery pump: Electric diaphragm pump with pressure switch, system delivery rate max. 6.5 l/min.
- Ambient temperature: 0 to +30 C°
- Power supply: Leak-proof 12 VDC gel battery, 18 Ah, electronic charger 90 to 230 VAC
- Mains supply cables: For battery charger, 1.5 m long

Items supplied

- VAS 6960 AdBlue® filling system
- VAS 6960/2 200L hose fitting (52.83 gal.)
- VAS 6960/3 60L hose fitting
- VAS 6960/55USA AdBlue® Drum Adapter
- 60L tank (15.85 gal.)
- Operating instructions, multiple languages
- 2 x Audi A4 adapters
- 2 x OEM kit (VAS 6960/1 flow regulator, wrench for removing flow regulator)

Replacement parts

- VAS 6960/1 - flow regulator-ASE 40464100000
- VAS 6960/2 - 200L hose fitting - ASE 40464200000
- VAS 6960/3 - 60L hose fitting - ASE 40464300000
- VAS 6950/55USA - AdBlue® Drum Adapter

Optional accessories

- VAS 6960/4 - 1,000L hose fitting - ASE 40464400000

Country-specific version

- ASE 40464090023:
USA, Canada

Note:

Certification

The VAS 6960 tank system is not weights & measures approved for itemized consumer sales.

