

Part 573 Safety Recall Report

23V-842

Manufacturer Name : Volkswagen Group of America, Inc.**Submission Date :** DEC 13, 2023**NHTSA Recall No. :** 23V-842**Manufacturer Recall No. :** 93U6**Manufacturer Information :**

Manufacturer Name : Volkswagen Group of America, Inc.

Address : 3800 Hamlin Road

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Population :

Number of potentially involved : 93,179

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2024 AUDI RS E-TRON GT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

RS E-TRON GT: 2048

Production Dates : MAR 18, 2021 - NOV 28, 2023

VIN Range 1 : Begin : WAUAHBFW4N7900626 End : WAUAHBFW0R7900967 Not sequential

Vehicle 2 : 2020-2021 AUDI A8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

A8: 169

Production Dates : DEC 02, 2019 - NOV 29, 2021

VIN Range 1 : Begin : WAU8HAF89LN008164 End : WAU8HAF81MN032086 Not sequential

Vehicle 3 : 2022-2024 AUDI E-TRON GT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

E-TRON GT: 5728

Production Dates : MAR 26, 2021 - DEC 05, 2023

VIN Range 1 : Begin : WAUEJBFW4R7000921 End : WAUEJBFW8R7002431 Not sequential

Vehicle 4 : 2019-2024 AUDI E-TRON QUATTRO

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

E-TRON QUATTRO: 36274

Production Dates : JAN 03, 2019 - DEC 07, 2023

VIN Range 1 : Begin : WA1LAAGE9KB002638 End : WA16CBGE2RB045693 Not sequential

Vehicle 5 : 2020-2024 AUDI E-TRON SPORTBACK QUATTRO

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

E-TRON SPORTBACK QUATTRO: 10230

Production Dates : MAY 20, 2020 - DEC 06, 2023

VIN Range 1 : Begin : WA12ABGE9LB031088 End : WA1DCBGEORB045683 Not sequential

Vehicle 6 : 2022-2024 AUDI Q4 E-TRON SPORTBACK

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

Q4 E-TRON SPORTBACK: 4265

Production Dates : SEP 27, 2021 - NOV 16, 2023

VIN Range 1 : Begin : WA132BFZ5NP014350 End : WA142BFZXP033194 Not sequential

Vehicle 7 : 2022-2024 AUDI Q4 E-TRON

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

Q4 E-TRON: 13660

Production Dates : SEP 20, 2021 - NOV 17, 2023

VIN Range 1 : Begin : WA1M2AFZXPP011347 End : WA1L2BFZ6RP033169 Not sequential

Vehicle 8 : 2021-2022 AUDI A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

A7: 616

Production Dates : JUL 24, 2020 - MAY 04, 2022

VIN Range 1 : Begin : WAUTPBF23MN001243 End : WAUTPBF26NN050910 Not sequential

Vehicle 9 : 2020-2024 AUDI Q5

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by production data and includes vehicles that are equipped with an industrial charging cable without temperature sensors as part of the Audi e-tron compact charging system.

The recalled products differ from products that were not included in the recall because they are not equipped with the affected cable.

Q5: 20189

Production Dates : OCT 17, 2019 - DEC 10, 2023

VIN Range 1 : Begin : WA1F2BFY0L2021933 End : WA1G2AFY7R2058596 Not sequential

Description of Defect :

Description of the Defect : Audi has become aware of cases where melting/overheating occurred at the industrial socket (NEMA 14 50) when charging with the industrial 220V/240V plug with 40 amperes. All analyzed cases did not show any issues with the charging equipment itself, the root cause always appeared to be household power outlets and/or household wiring/circuit breaker incapable of handling the required electrical current. Should the proper electrical requirements not be met, the power outlets and/or wiring may be incapable of handling the required electrical current. In this case use of the compact charging system with improper or overburdened 220V power outlets and wiring may, in certain circumstances, lead to a risk of overheating of the home infrastructure. In general, the Audi e tron compact charging system can be used for charging at household and industrial sockets. The recall only affects charging with the industrial 220V/240V plug, the charging unit itself and the 110V household charging cable are not affected.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Should the proper electrical requirements not be met, the power outlets and/or wiring may be incapable of handling the required electrical current. In this case use of the compact charging system with improper or overburdened 220V power outlets and wiring may, in certain circumstances, lead to a risk of overheating of the home infrastructure and eventually cause permanent damage to the house socket and charging cable.

Description of the Cause : Electrical household wiring and/or household power outlets incapable of handling the required electrical current can eventually cause overheating of the home infrastructure and permanent damage to the house socket and charging cable.

Identification of Any Warning that can Occur : The charging cable may feel hot when touched, e.g. when being unplugged by the user after charging.

Involved Components :

Component Name 1 : Power cable with power plug for industrial sockets

Component Description : Power cable with power plug for industrial sockets (220V/240V) as part of the original charging equipment

Component Part Number : 7PP 971 678 ED

Supplier Identification :

Component Manufacturer

Name : Harting Automotive GmbH

Address : Marienwerderstrasse 2
Espelkamp Foreign States 32339

Country : Germany

Chronology :

Please see separate document for chronology.

Description of Remedy :

Description of Remedy Program : The relevant power cable with the power plug for industrial sockets (220V/240V/NEMA 14-50) will be replaced by a newly designed cable with temperature sensors. The cable is expected to become available in the second quarter of 2024. Part number of old cable: 7PP971678 ED, part number of new cable: 7PP971678GA.

In unsold vehicles the affected cable will be removed from the charging equipment before delivery. These customers will receive the newly designed cable at a later point with a separate campaign.

Audi will offer a reimbursement plan under this recall as some vehicles are already out of the manufacturer's warranty.

How Remedy Component Differs from Recalled Component : The remedy component includes a temperature sensor to detect potential overheating due to excess electrical resistance.

Identify How/When Recall Condition was Corrected in Production : Q8 e-tron: Starting with CW 50/23, series vehicles has stopped equipping the vehicles with the affected cable.
e-tron GT: Starting with CW 50/23, series production has stopped equipping the vehicles with the affected cable.
Q4 e-tron: Starting with CW 47/23, series production has stopped equipping the vehicles with the affected cable.
Q5 hybrid: Starting with CW 50/23, series production has stopped equipping the vehicles with the affected cable.
A7 PHEV: No A7 PHEV vehicles have been produced for the US market since May 2022.
A8 PHEV: No A8 PHEV vehicles have been produced for the US market since November 2021.

Recall Schedule :

Description of Recall Schedule : Dealers on or before December 19, 2023. Owners: on or before February 09, 2024
Planned Dealer Notification Date : DEC 19, 2023 - DEC 19, 2023
Planned Owner Notification Date : FEB 09, 2024 - FEB 09, 2024

* NR - Not Reported