



U.S. Department  
of Transportation  
**National  
Highway  
Traffic Safety  
Administration**

**ODI RESUME****Investigation:** RQ23007**Prompted By:** VOQ Review, EWR Field Report Review**Date Opened:** 12/12/2023**Date** 07/01/2024**Closed:****Investigator:** Sean A Hays**Reviewer:** Sharon Yukevich**Approver:** Tanya Topka**Subject:** Fuel Leak due to Suction Jet Pump Failure within Fuel Tank  
(Remedy Effectiveness of Recall 16V647)**MANUFACTURER & PRODUCT INFORMATION****Manufacturer:** Volkswagen Group of America, Inc.**Products:** 2015-2020 Volkswagen Golf, 2015-2020 Audi A3, 2015-2020 Volkswagen Golf GTI**Population:** 420,072**Problem Description:** Alleged suction jet pump failure can lead to a fuel leak.**FAILURE REPORT SUMMARY**

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
<b>All Incidents:</b>	142	1,946	0	0	2,088 *	CONF
<b>Crashes/Fires:</b>	0	0	0	0	0	0
<b>Injury Incidents:</b>	0	0	0	0	0	0
<b>Number of Injuries:</b>	0	0	0	0	0	0
<b>Fatality Incidents:</b>	0	0	0	0	0	0
<b>Number of Fatalities:</b>	0	0	0	0	0	0

\*Total eliminates duplicates received by the manufacturer

**ACTION/SUMMARY INFORMATION****Action:** This (RQ) Recall Query is closed with 24V110.**Summary:**

On December 12, 2023, the Office of Defects Investigations (ODI) opened RQ23-007 to investigate the remedy repair effectiveness and scope of Volkswagen (VW) recall 16V-647. Recall 16V-647 was issued on September 2, 2016, for a defective suction jet pump (SJP) inside the fuel tank. Failure of the SJP could lead to a fuel leak from the vehicle. This recall covered certain model year (MY) 2015-2016 Volkswagen Golf and Audi A3 passenger car vehicles. The recall remedy repair replaced SJP Version 1.0 with an improved version, Version 1.1.

The SJP is designed to purge fuel from the evaporative emissions (EVAP) system. VW's recall filing stated the SJP may have been damaged during assembly, which could potentially allow fuel to flow directly into the EVAP system. Over time, the fuel could accumulate in, and cause a leak from, the charcoal canister filter element.

ODI received consumer complaints of SJP failure leading to a fuel leak, refueling spit back, refueling shutoff, and/or fuel odor in vehicles previously repaired under recall 16V-647. Additional complaints alleging SJP failure leading to the previously stated outcomes were received in vehicles outside the scope of recall 16V-647, including MY 2016-2020 VW Golf and Audi A3 vehicles.

VW issued recall 24V-110 on February 14, 2024, to address issues with SJPs Versions 1.0 and 1.1. The recall remedy replaces the SJP Version 1.0 or 1.1 with an improved version, Version 2.0. Recall 24V-110 covers certain MY 2015-2020 VW Golf (including Golf GTI), 2015-2020 Audi A3, and 2019-2020 VW Jetta GLI vehicles, including vehicle previously repaired under 16V-647. Vehicle owners were notified of this recall in April 2024 and VW's projected date for owner notification of recall remedy availability is August 2024.

In view of the recall being conducted by VW, ODI is closing this Recall Query (RQ). The Agency reserves the right to take additional action if warranted by future circumstances. To review the ODI reports cited in the Closing Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).