



Technical Service Bulletin

27 48V Reference: diagnosis and system information

24 22 60 2067937/1 September 13, 2022.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All Audi Models	2017 – 2024	All	With 48 V electric system

Condition

Required; include revision table if necessary.

Technical Background

In some cases, the 48V system operation differs from the well-known 12V system operation. Additional training resources are available to help understand and diagnose the 48V system.

Production Solution

Not applicable.

Service

Access the 48V training information available in the Audi Knowledge Tank (Figure 1).



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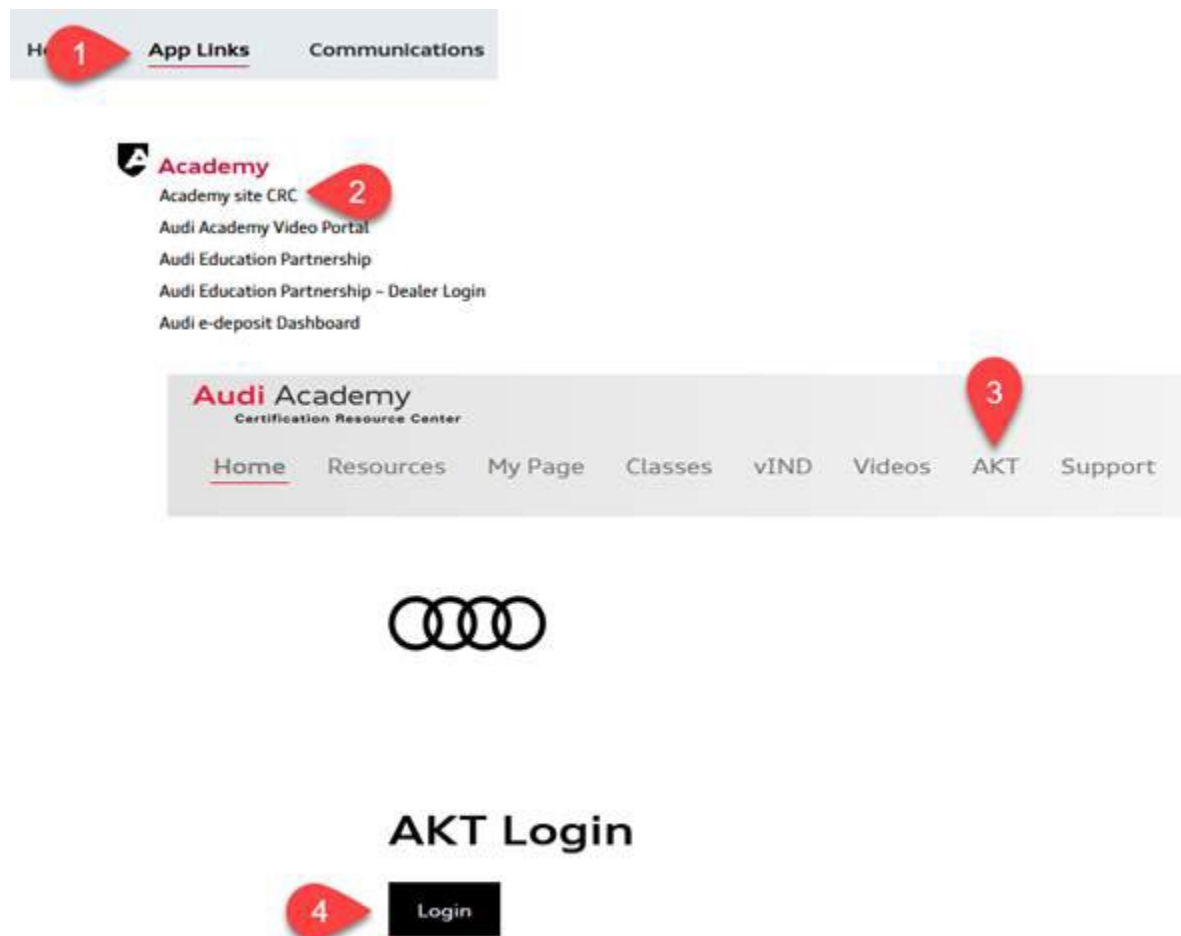


Figure 1: Follow the steps below using the numbered links in this image.

1. In AccessAudi, click "App Links".
2. Click "Academy site CRC".
3. Upon loading the Audi Academy Certification Resource Center, click "AKT".
4. Complete your Audi Knowledge Tank login.



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Video Content

Access video content via the AKT (*Figure 2*).

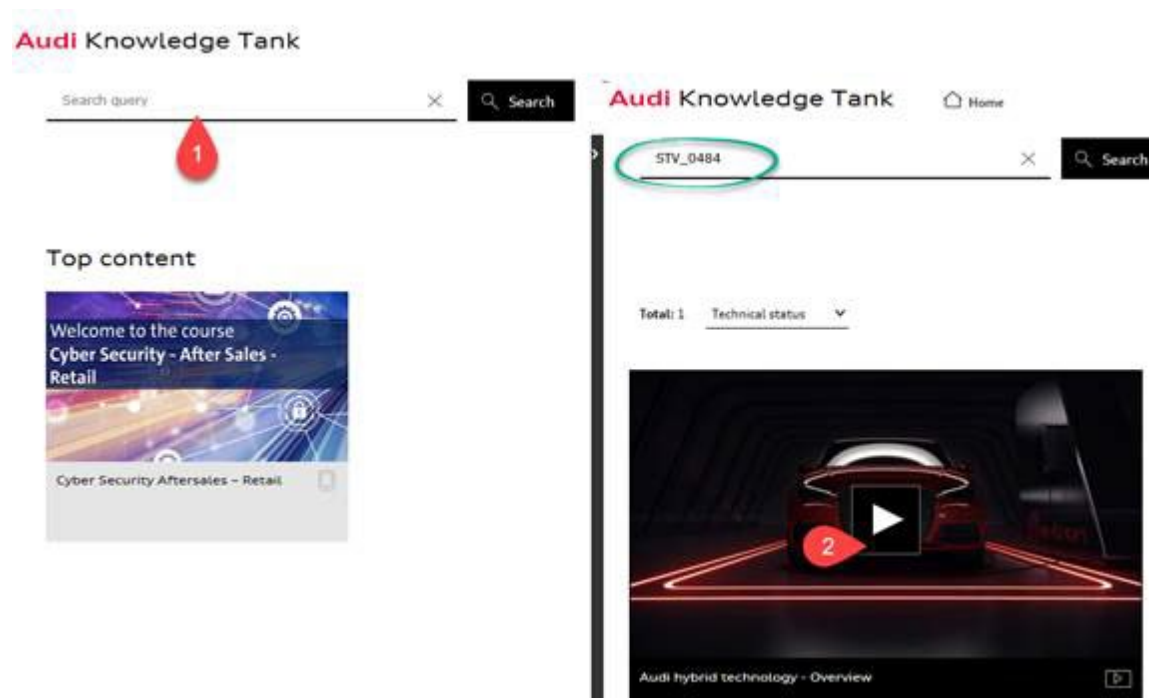


Figure 2: Using the steps below, videos can be located in the AKT.

1. From the AKT main page, type the video code into the search query, then click search.
2. Click the play button to view the desired content.

The following videos are recommended due to 48V system content:

- STV_0484 Audi hybrid technology – Overview
- STV_0522 Working on the 48-Volt Mild Hybrid Electric Vehicle.



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- STV_0524 Working on the 12-Volt Mild Hybrid Electric Vehicle.

SSP Content

Access SSP content by accessing the Market Specific Content in the AKT (*Figure 3*).



Figure 3: Using the steps below, access Market Specific Content.

1. From the AKT main page, click the drop-down menu.
2. Click "MSC" for Market Specific Content.



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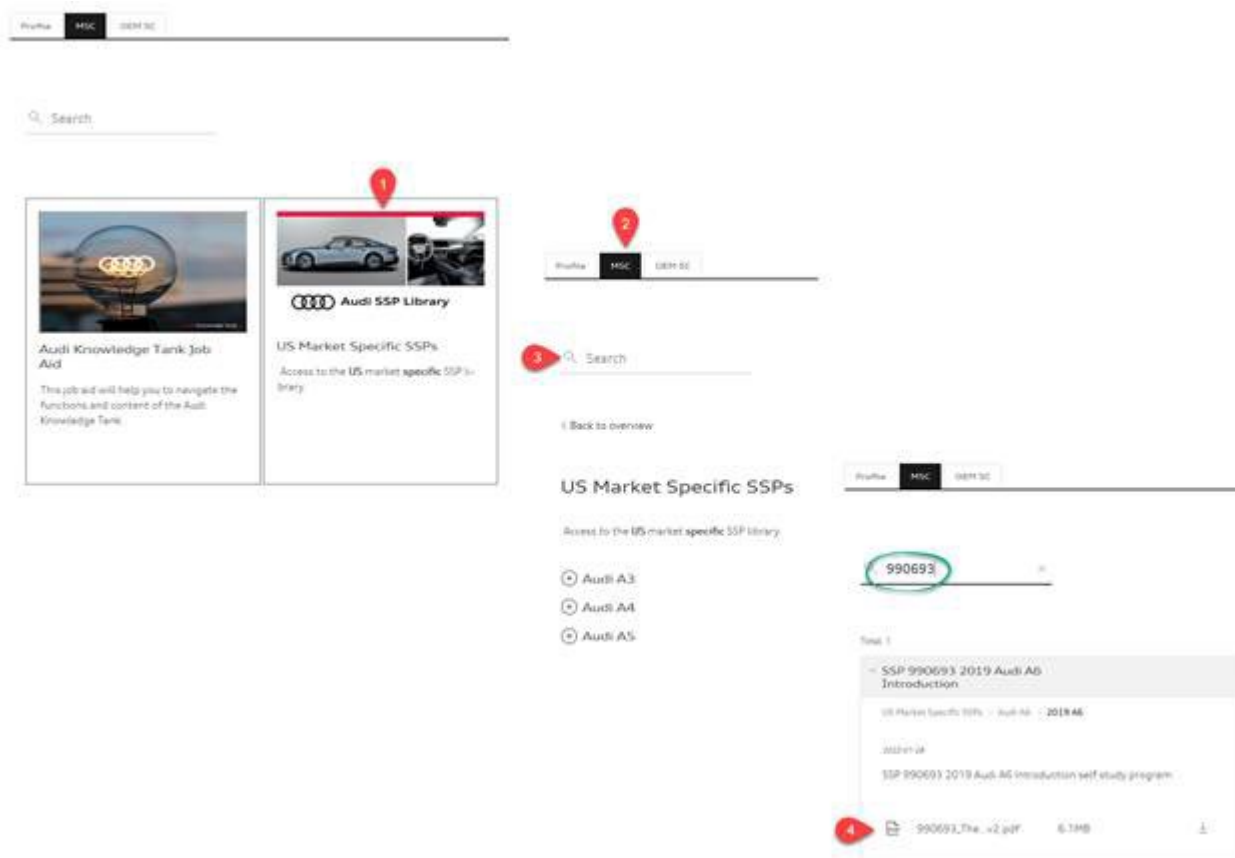
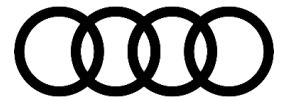


Figure 4: Search for the SSP to review using the steps below.

1. Click the MSC Audi SSP Library.
2. Ensure the MSC tab is highlighted.
3. Type the SSP number into the search field.
4. Click on the document to load the content.



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The following SSPs are recommended for their 48V system content.

- SSP 970293 - The 2019 Audi A8 Electrics and Electronics.
- SSP 990593 - The 2019 Audi A7 Introduction.
- SSP 990693 - The 2019 Audi A6 Introduction.
- SSP 990793 - The 2019 Audi Q8 Introduction.
- SSP 680 – Audi A3 (type 8Y).

Warranty

This TSB is informational only and not applicable to any Audi warranty.

Additional Information

All part and service references provided in this TSB (**2067937**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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