

Tesla Android Box First-Time Connection Mechanism

Regional Compatibility, Initial Internet Access, and Firmware Updates

KEY POINT

Before enabling the built-in browser, the Tesla head unit checks whether the connected Wi-Fi network has internet access. Tesla Android Box can help the vehicle complete this check either through a real internet connection or through a firmware compatibility address list.

1. Why may the first connection fail?

Tesla Android Box connects to the Tesla head unit through Tesla's built-in browser protocol. Before enabling the browser, the Tesla head unit checks whether the connected Wi-Fi network has internet access.

In other words, the Tesla head unit does not only connect to the box Wi-Fi. It also checks whether the Wi-Fi network can access the internet. Only after this check is passed can the Tesla browser be enabled and the Tesla Android Box main interface be opened.

Tesla vehicles in different countries, regions, or production batches may use different Tesla network addresses for this internet connectivity check. Therefore, if the first connection fails in a certain region, the local Tesla connectivity-check address may not yet be included in the box compatibility address list.

2. How does Tesla Android Box handle the connectivity check?

Tesla Android Box includes a built-in compatibility address list. When the Tesla head unit tries to access these connectivity-check addresses, the box responds accordingly so that the Tesla head unit recognizes the network as available and enables the browser.

We have already collected and included a series of commonly used Tesla connectivity-check addresses, including actual addresses captured from Tesla vehicles used in China.

If a Tesla vehicle in a certain region uses a new connectivity-check address that has not yet been included in the box compatibility list, the browser may not open normally during the first connection.

3. What should the customer do if the first connection fails?

If the first connection fails, please make sure that at least one of the following two conditions is met:

Option 1: Use a SIM card

Insert a SIM card with an active mobile data plan into the Tesla Android Box SIM card slot. Please make sure that the box can access the internet through the SIM card after startup.

Option 2: Use a phone hotspot

If no SIM card is available, use a phone hotspot. Change the phone hotspot name to TSLBOX and set the password to 88888888. After the box is powered on, it will automatically connect to this hotspot. Please confirm on your phone that a device has connected to the hotspot.

IMPORTANT

The phone hotspot name and password must be set exactly as TSLBOX and 88888888.

4. Why can either of these methods usually solve the issue?

When the box itself has real internet access, the Tesla head unit can usually pass its connectivity check directly.

Even if the local Tesla connectivity-check address has not yet been included in the box firmware, the Tesla head unit can still complete the check and enable the browser as long as the box is genuinely connected to the internet through a SIM card or phone hotspot.

After the browser is enabled, enter <http://www.tslbox.link> in the Tesla browser to open the Tesla Android Box main interface.

5. Why do we still need the customer to export a log after a successful connection?

If the customer successfully connects by using a SIM card or phone hotspot, our engineers will provide instructions for exporting a detailed system log from the box.

From the log, we can identify the actual connectivity-check address used by the local Tesla head unit. We will then add this address to the Tesla Android Box compatibility list and include it in a future firmware update.

After upgrading to the new firmware, Tesla vehicles in that region should be able to pass the connectivity check more reliably. In many cases, after the update, the box can complete the Tesla head unit check and open the browser without requiring a SIM card or phone hotspot.

6. Simple Summary

The Tesla head unit needs to confirm that the connected Wi-Fi network has internet access before enabling the browser. Tesla Android Box can help the vehicle pass this check in two ways:

- The box has real internet access through a SIM card or phone hotspot.
- The box uses its firmware compatibility address list to respond properly to the Tesla head unit connectivity check.

If the first connection fails in a certain region, the customer can first use a SIM card or phone hotspot to establish a successful connection. After the connection succeeds, please help us export the system log. We can use the log to identify the local Tesla connectivity-check address and add it to the compatibility list through a firmware update, improving the connection experience for vehicles in that region.

Connection Workflow

Stage	Customer Action	Purpose
First connection fails	Use a SIM card or phone hotspot so the box has real internet access	Allow the Tesla head unit to complete its connectivity check and enable the browser
After connection succeeds	Export the system log following the engineer instructions	Identify the actual connectivity-check address used by the local Tesla head unit
After firmware update	Upgrade to the new firmware	Add the regional address to the compatibility list and improve future connections

ENTRY URL

<http://www.tslbox.link>