USARemote GQ43VT20T

USARemote Key Fob Keyless Entry Remote (Model GQ43VT20T) Instruction Manual

INTRODUCTION

This manual provides essential instructions for the USARemote Key Fob Keyless Entry Remote, Model GQ43VT20T. This device allows for remote locking, unlocking, and panic functions for compatible Toyota vehicles. Please read this manual thoroughly before attempting to set up or operate your new key fob.

Front view of two USARemote keyless entry remotes, each featuring three buttons: Lock, Unlock, and a red 'Hold' button for panic.

COMPATIBILITY

This key fob is designed for use with specific Toyota models and years. Please verify your vehicle's compatibility before proceeding with programming.

A list indicating the compatible Toyota vehicle models and their respective year ranges for this key fob: 2007-2018 Toyota Tundra, 2005-2016 Toyota Tacoma, 2004-2017 Toyota Sienna, 2008-2018 Toyota Sequoia, and 2008-2013 Toyota Highlander.

Note: Vehicle compatibility and programming methods can vary significantly by model year. Always consult your vehicle's owner's manual or a qualified automotive locksmith for the most accurate information.

SETUP: PROGRAMMING YOUR KEY FOB

The USARemote Key Fob requires programming to function with your vehicle. While some Toyota models support self-programming, others, particularly newer models (e.g., 2007+ Toyota Tundra), may require professional programming by a dealership or an automotive locksmith. This key fob includes electronics and a battery.

An illustrative diagram detailing the components of the key fob, including the complete key fob with electronics and battery, and a separate image of the fob casing. Important notes on programming requirements and compatible part numbers (GQ43VT20T, 89742-AE010, 89742-AE011) are also displayed.

General Self-Programming Procedure (For Compatible Models)

This procedure is a common method for self-programming on certain Toyota models (e.g., 2005-2016 Tacoma, 2012 Tacoma). **Steps may vary slightly by vehicle year and model.** If this procedure does not work, professional programming is required.

1. **Preparation:** Ensure the key is out of the ignition. Open and unlock the driver's side door. Close all other doors, including the trunk.

2. **Enter Programming Mode - Part 1:** Within 5 seconds, insert the key into the ignition and pull it out twice.

3. **Enter Programming Mode - Part 2:** Close then open the driver's side door twice.

4. **Enter Programming Mode - Part 3:** Insert the key into the ignition, then remove it.

5. **Enter Programming Mode - Part 4:** Close then open the driver's side door twice.

6. **Enter Programming Mode - Part 5:** Insert the key into the ignition and leave it in.

7. **Enter Programming Mode - Part 6:** Close the driver's side door.

8. **Enter Programming Mode - Part 7:** Switch the ignition to ON, then immediately to OFF.

9. **Enter Programming Mode - Part 8:** Remove the key from the ignition.

10. **Confirmation:** The door locks should cycle (lock then unlock) to confirm the vehicle has successfully entered programming mode. If the locks do not cycle, repeat the entire procedure from step 1.

11. **Program Remote:** Within 40 seconds of entering programming mode, press and hold both the **LOCK** and **UNLOCK** buttons on the key fob simultaneously for 1.5 seconds. Immediately after releasing, press the **LOCK** button by itself and hold it for 2 seconds.

12. **Remote Confirmation:** The door locks will cycle once to confirm successful programming of the remote. If the door locks cycle twice, the remote was not accepted; repeat step 11.

13. **Additional Remotes:** If you have additional remotes to program, repeat step 11 for each one.

14. **Exit Programming Mode:** Open the driver's side door to exit programming mode. Programming is now complete.

Professional Programming

If your vehicle does not support self-programming or if the self-programming steps are unsuccessful, professional programming is required. Contact an automotive locksmith or a Toyota dealership for assistance. They have specialized tools to program the key fob to your vehicle's system.

OPERATING INSTRUCTIONS

Once programmed, your USARemote key fob provides convenient control over your vehicle's locking system.

- **Lock Button (Closed Lock Icon):** Press this button once to lock all vehicle doors.
- **Unlock Button (Open Lock Icon):** Press this button once to unlock the driver's door. Press it a second time within a few seconds to unlock all other doors.
- **Panic Button (Red HOLD Button):** Press and hold this button for approximately 2-3 seconds to activate the vehicle's alarm system. Release the button to deactivate the alarm.

MAINTENANCE: BATTERY REPLACEMENT

The key fob is powered by a small coin-cell battery. If the remote's range decreases or it stops responding, the battery may need replacement.

1. **Open the Fob Casing:** Carefully pry open the key fob casing using a small flat-head screwdriver or a coin. There is usually a small notch on the side for this purpose.

2. **Remove Old Battery:** Note the orientation of the old battery (positive (+) side up or down). Gently remove the old battery.

3. **Insert New Battery:** Insert a new, compatible coin-cell battery (e.g., CR2032, verify type in your vehicle's manual or original fob) with the positive (+) side facing the same direction as the old battery.

4. **Close the Fob Casing:** Carefully snap the two halves of the key fob casing back together until it is securely closed.

5. **Test Functionality:** Test the key fob's functions (lock, unlock, panic) to ensure it is working correctly.

TROUBLESHOOTING

- **Remote Not Responding After Programming:**

  - Ensure the battery is correctly installed and has sufficient charge.
  - Verify that your vehicle model and year are compatible with self-programming.
  - Repeat the programming steps carefully, paying close attention to timing and door/ignition sequences.
  - If repeated attempts fail, professional programming may be necessary.

- **Remote Range is Poor:**

  - Replace the battery with a fresh one.
  - Ensure there are no obstructions between the remote and the vehicle.
  - Avoid using the remote near strong radio interference sources.

- **Buttons Feel Stiff or Unresponsive:**

  - This could indicate a mechanical issue within the fob. If recently opened, ensure the internal components are correctly seated.
  - If the issue persists, the fob may be defective and require replacement.

SPECIFICATIONS

Brand	USARemote
Model Number	GQ43VT20T (Internal: 8542135947)
Replaces Part Number	89742-AE010
FCC ID	GQ43VT20T
IC/Other	1470A-1T
Product Dimensions	1.25 x 0.5 x 2 inches
Item Weight	1 ounce
Connectivity Technology	Infrared
Max Number of Supported Devices	1 (per programming session)
Compatible Devices	Toyota Tacoma, Toyota Tundra, Toyota Sienna, Toyota Sequoia, Toyota Highlander (specific years apply)

WARRANTY INFORMATION

For specific warranty details regarding your USARemote Key Fob, please refer to the product packaging or contact USARemote customer support directly. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact USARemote customer support for assistance. Their technical support team is available to help you with programming and troubleshooting.

Your browser does not support the video tag.

A short video from USARemote highlighting their technical support availability to assist with product setup and usage.

You can often find additional resources and contact information on the official USARemote website.