

# ***MITSUBISHI***

## **Keyless Remote Window Open/Close Procedure**

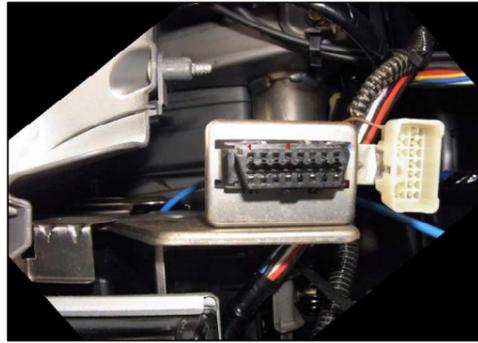


***Toppo*** **BJ** ***S***  
**(GF-H42A)**

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## Keyless Remote Window Open/Close Procedure

By default, the ETACS Programming Mode for the Keyless Remote Window Open and Close feature is disabled.



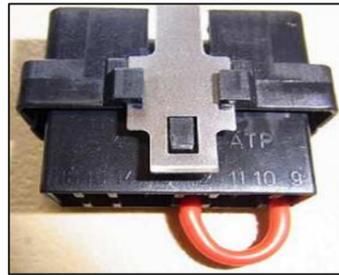
The OBD-II Diagnostics Connector is located under the Right hand side of the Driver's Dashboard.



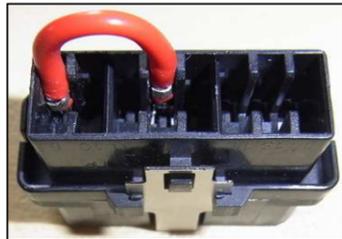
Although you can just put a jumper across Pin# 1 and #4 of the OBD-II Diagnostics Connector, it is much better to build a Test Adapter to do the job.

Marutsu Co. has them for sale.

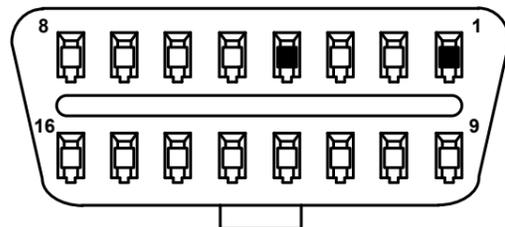
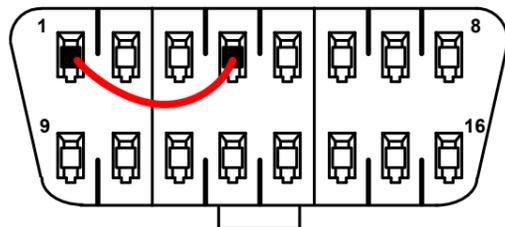
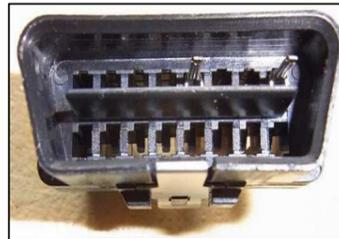
Refer to the following URL:  
<http://www.marutsu.co.jp/pc/i/236749/>



Wire Side



Pin Side



The OBD-II Diagnostics Connector has 16 Pins (Female) possible of which 8 Pins used.

The Test Adapter (Male) needs a jumper between Pins #1 and #4 as shown above.

### Step-1

Close all Five (5) Doors. Ensure that none of them are ajar at all, since that will make the test non-operable.

### Step-2

Insert Key into Ignition Cylinder but leave it in the OFF Position.



### Step-3

Place the Short between Pins #1 and #4 or plug the Test Adapter into the OBD-II Diagnostics Connector.

### Step-4



Make sure that the Hazards Switch is in the OFF position.

### Step-5



Make sure that the Driver's Side Door Lock Switch is in the OFF position.

### Step-6



Once the conditions in Steps 1 through 5 above have been met, pull forward, the Window Washer lever for at least 10 seconds or until you hear one long buzzer beep, at which time, release the lever.

You are now in the ETACS Programming Mode.

### Step-7

ETACS Programming Mode

Note: If programming is not made within three (3) minutes, the ETACS Programming Mode will be cancelled and you will need to begin from the start again.



### Step-8

Pull up on either the Driver's or Front Passenger's Window Switch, Twice within 2 seconds (must have at least 0.3 seconds between pulls).

The number of Buzzer tones returned will indicate the mode that is currently enabled or disabled.

Note: It is on a "Round Robin" scheme. So every two (2) pulls on the above switch moves to the next mode.

A...B...C...A...B...C...etc...etc...but again, you must complete the programming within 3 minutes.

Mode-A) Buzzer sounds once: The Window Open and Close features are both enabled.

Mode-B) Buzzer sounds twice: The Window Open and Close features are both disabled.

Mode-C) Buzzer sounds three times: Only the Window Close feature is enabled.

### Step-9

Once the desired mode is set, exit the ETACS Programming Mode by removing the Short between Pins #1 and #4 or Unplugging the Test Adapter from the OBD-II Diagnostics Connector.

### Step-10

Verify that the Window Open/Close feature is working as desired.

If not, start the programming over from the beginning.

If the Open feature is enabled, then after Unlocking the doors, press the Unlock button again within 30 seconds and both of the front seat windows will fully Open.

Likewise, if the Close Feature is enabled, then after Locking the doors, press the Lock button again within 30 seconds and both of the front seat windows will fully Close.

If the feature is disabled, then nothing will happen after the doors are Locked or Unlocked and the windows will remain where they were.

Note: This setting will not disappear even if the battery is removed.

