It's quite obvious! You can immediately see actual changes in your mileage.

# Multi-Mileage Meter

# e-nenpi

Fuel Consumption Monitor

Thank you for purchasing **PIVOT e-nenpi**. Please read these instructions carefully before installing or using this device.
Please do not lose this user's guide, as you will held liable for the cost of reissuing it.

**By installing this product the user agrees that Pivot Corporation is in no way whatsoever responsible nor liable for any damage to the product or automobile or for any accident that is the result of improper installation or use of the product including any disregard by the user to the various Cautions or Warnings.**

## Before installing !

**⚠CAUTION**

- Installation cannot be carried out on some car models; please check your car model with the Compatible Car Model List before installing.
- Please be sure to check that e-nenpi operates properly before installing it in the car or drilling holes for installation.

## ⚠WARNING

**Improper use in disregard of this display may result in the injury or death of people.**

- Installing or using e-nenpi in places where ventilation is poor may result in an to humans due to vehicle exhaust emission poisoning or fire.
- During installation be sure to remove the minus cable from the battery so as to prevent fire and damage resulting from the shorting of circuits, etc….
- Please be careful that the cable does not get crushed by the seat rail or car door steel plate. Trying to do these operations while the car is moving, my cause trouble and damage.
- Because, it is very dangerous if, while in use, the product falls off and interferes with braking, please securely fasten it to a stable place.
- It is very dangerous to pull tangled wires by force or allow tangled wires to interfere with driving. So, please be sure to store bundle away all wires with tape, etc….
- Operating or checking the display during driving may cause an accident; please use with the utmost consideration for safety.

## ⚠CAUTION

**Improper use in disregard of this display may cause injury to persons, damage the product and / or other things.**

- When installing this product, we recommend that if technical knowledge becomes necessary please consult a qualified mechanic.
- This product is for DC12V cars; installation cannot be carried out on cars with other voltage batteries.
- Wiring should be carried out using the attached "cut connector" or by soldering, make sure to securely insulate all wiring parts with insulation tape, and confirm that no wires are sticking out.
- Do not, in any manner, process, take apart, or make changes to this product.
- Do not install e-nenpi in any place subject to high temperature or any place where water may be splashed.
- Do not install e-nenpi in any place subject to high temperature or any place where water may be splashed.
- When double-sided tape is used for an installation be warned that when hot the tape temporarily losses adhesiveness so no strong pressure should be applied.

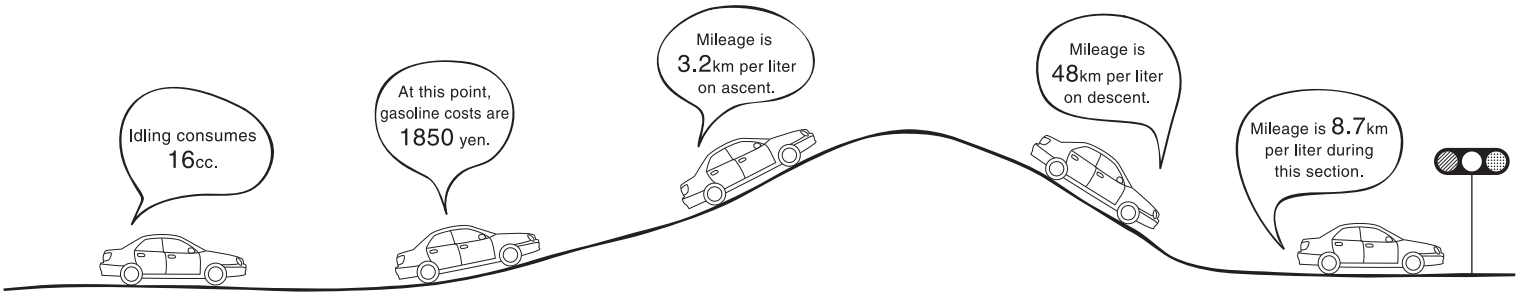
Make sure to replace all screws and parts that were removed during installation to their original place.

## INDEX



CONTENTS


●Instant Gas Mileage ●Average Gas Mileage ●Accumulative Gas Mileage ●Consumption Amount
●Gasoline Cost ●Sectionalized Gas Mileage ●Idling Consumption ●Accumulative Consumption Amount




pivot

## FEATURES　Easy-to-grasp display for various types of fuel consumption.

**High Precision Fuel Consumption Display** — Rapidly calculates each type of fuel consumption from the jet emission and car speed and accurately displays.

**See Changes in Mileage at a Glance** — No need to wait for refueling to calculate mileage; see your mileage immediately!

**Easy-to-see Mileage Improvement** — You can see the results of Eco-Driving and mileage improvement in an instant.

**Easy-to-grasp Title Display** — You can see various changes in the amount of consumption according to use.

**Two Types of Easy-to-perform Settings** — Immediately after installation it's possible to input mileage and refueling amounts.

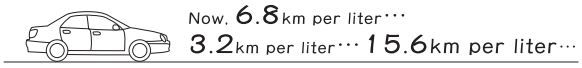
**Compatible with Wide Range of Car Models** — The injector detection system allows for wide compatibility.

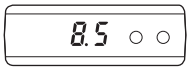
## MEASUREMENT APPLICATIONS

- ECO — Results of Eco-Driving
- Timing — Eco-Driving Timing
- How — Differences by Driving Style
- ? — Results from Mileage Improvement Items, etc…
- Route — Differences by Driving Route
- Slope — Differences by Slope of Car
- ℃ — Differences by Influence of Outside Temperature
- warm up — Consumption During Idling and Warming Up
- Sect — Mileage for Each Section of Driving from Start to Stop
- ¥ — Accurate Gasoline Cost according to Driving Style

### Instant Gas Mileage (km/L)
ECO Timing

Momentary mileage according to driving style.

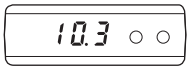



Ex: Instant Gas Mileage 8.5km per liter

### Average Gas Mileage (km/L)
ECO How ? Route Slope ℃

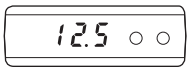
Average fuel consumption after engine has been started.


Ex: Average Gas Mileage 10.3km per liter

### Accumulative Gas Mileage※ (km/L)
ECO How ? Route Slope ℃

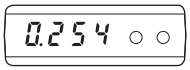
Accumulative fuel consumption costs after device has been reset.


Ex: Accumulative Gas Mileage 12.5km per liter

### Consumption Amount (L)
ECO How ? Route Slope ℃

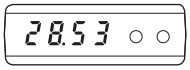
Accumulative amount of gas consumption after engine has been started.


Ex: Consumption Amount 254cc

### Accumulative Consumption Amount※ (L)
ECO ? Route

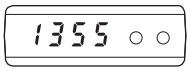
Accumulative amount of gas consumption after device has been reset.


Ex: Accumulative Consumption Amount 28.53L

### Gasoline Cost (Each price)
¥

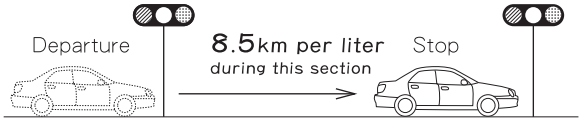
Accumulative amount of gasoline cost after engine has been started.

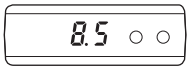




Ex: Gasoline Cost 1355yen

### Sectionalized Gas Mileage (km/L)
Sect

Mileage for each section of driving from start to stop. (When your car stops, the display usually scrolls 2 times.)

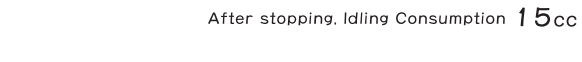


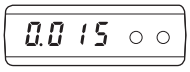




Ex: Sectionalized Gas Mileage 8.5km per liter

### Idling Consumption (L)
warm up

Accumulative amount of gas consumption during idling.

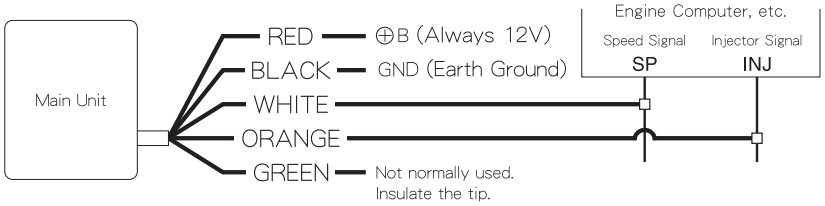



Ex: Idling Consumption 15cc

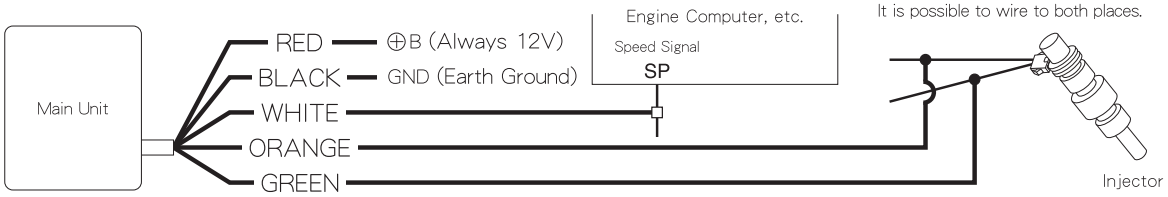
※By driving for a distance over 4,700km without resetting, the Accumulative Gas Mileage and the Accumulative Consumption Amount will automatically be reset.

## BASIC WIRING　Please check the "Speed / Injector Signal Wiring Diagram List" when wiring for each type of signal.




1. Possible to take the speed signal from the cars navigation system.
2. For details about wiring for some model of cars, see the Special Compatible Car Model List.

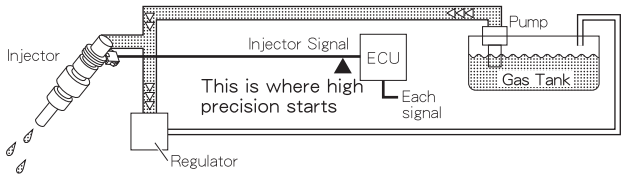
Case of the wire directly to an injector (Only in cases where the ECU wiring place is unidentified.)



# PRINCIPLES OF MEASUREMENT

### Quick and highly accurate fuel consumption display.

In order to display accurately and be compatible with a wide range of car models, the fuel consumption is rapidly calculated from the injector jet emission and displayed.




### Easy setting for jet emission amounts.

It's possible to select from two kinds of jet emission amount settings for each injector or use them in conjunction, and set the high precision display easily immediately after installation.

① Mileage Input Method (Enter the actual driving mileage)
After entering the actual mileage, the emission coefficient is devised from the estimated injector jet emission time for the distance traveled on one liter; from this coefficient and the emission time the consumption amount is calculated and displayed.
• Temporary Display (Up to a distance for one liter) = Driving Distance ÷ Input Mileage
• Fuel Consumption Amount Display (After that) = Injector Jet Emission Time ÷ Coefficient (Measurement calculation for temporary display section)

② Refueling Amount Input Method (Full tank ~ Refueling amount input)
The emission coefficient is devised from the estimated injector jet emission time from full tank until refueling and the actual amount of gasoline at refueling; from this coefficient and the emission time, the consumption amount is calculated precisely and displayed.
• Highly Accurate Fuel Consumption Amount Display = Injector Jet Emission Time ÷ Highly Accurate Coefficient (Measurement calculation between refueling)

# DETAILED SETTINGS FOR JET EMISSIONS

### Settings for Jet Emissions

Because the relation between the injector jet emission time and the injector jet emission amount is changed by various factors such as, car model, grade of car or combustion pressure, in order to display consumption amounts accurately, it is necessary to accurately set the coefficient for each car model. FCM makes it possible to set easily and accurately by improving precision through the use of both the ① Mileage Input Method and the ② Refueling Amount Input Method.

◇Features of Each Input Method

## ① Mileage Input Method

**Strong Points** Entering only mileage allows for quick measurement

**Uses** Optimal for easy mileage comparison

**Weak Points** Because the calculation coefficient depends on driving state for the temporary display section, the accuracy is slightly different.

In order to lessen the margin of error, please drive for the temporary display section under conditions,as much as possible, as you would normally drive. For example, if you mostly drive in urban areas, but for the temporary display section you drive on a highway, the margin of error will increase.

(Procedure)

Mileage Input → Enter the mileage you have driven.

↓ Start to drive

↓ Temporary Display

↓ Jet Emission Display → Injector Jet Emission Time ÷ Coefficient (Measurement Calculation for Temporary Display Section) = Calculated Fuel Consumption Amount Display (Until inputting refueling amounts)

## ② Refueling Amount Input Method

**Strong Points** Accurate Measurement is Possible

**Uses** Optimal for accurate mileage comparison

**Weak Points** For the Coefficient Measurement, time is needed from when the tank is full until refueling takes place.

(Procedure)

Full Tank → Fill gasoline tank and reset the device.

↓ Refueling Amounts Input → Enter the refueling amounts. (Refuel only after having consumed as much fuel as possible. [After having consumed over about 70~80% of the gas tank's capacity] Ex: If the tank holds 60L, refuel when over 40L has been consumed.)

↓ Accurate Jet Emission Display → Injector Jet Emission Time ÷ Highly Accurate Coefficient = Highly Accurate Fuel Consumption Amount Display

◇About Each Input Method — You can select to use only the Mileage Input Method, but we strongly suggest using in combination with the Refueling Amount Input Method.

## Only these three operations need to be carried out

Enter the Mileage

Up to the distance for one liter of the input rate of gas consumption.
( Ex: In case of entering 8.5km per liter, it is at the point of 8.5km.)

Temporary Display → Fuel Consumption Display

Driving Distance ÷ Input Mileage = Temporary Display

Injector Jet Emission Time ÷ Coefficient = Fuel Consumption Amount Display

Accumulative Measurement of Injector Jet Emission Time

Automatic Coefficient Calculation

Accumulative Injector Jet Emission Time ÷ 1000cc = Coefficient

8888. (Dot blinks) → 8888. (Dot lamp off)

Full Tank → Reset the device

Enter the Refueling Amount

Accumulative Measurement of Injector Jet Emission Time

Highly Accurate Fuel Consumption Amount Display

Injector Jet Emission Time ÷ Highly Accurate Coefficient = Highly Accurate Fuel Consumption Amount Display

Automatic Coefficient Calculation

Accumulative Injector Jet Emission Time ÷ Refueling Amount = Highly Accurate Coefficient

## SWITCH OPERATIONS


| ⚠NOTE | When setting, if the key is turned off before returning to the main display, the settings will not be recorded correctly. |
|---|---|

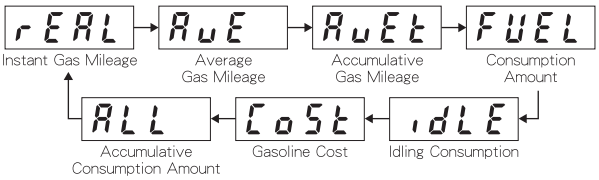
### Change Main Display

e-nenpi Display

**1** Engine Start 


Main Display

**2** Change the mode by pressing in on the MODE Switch, after 3 seconds displays each values


## EXPLANATION OF EACH DISPLAY

| Display Order | Title Display → Display Example | Explanation of Example |
|---|---|---|
| 1. Instant Gas Mileage | rEAL → 8.5 | 8.5km per liter |
| 2. Average Gas Mileage | AuE → 10.3 | 10.3km per liter |
| 3. Accumulative Gas Mileage | AuEt → 12.5 | 12.5km per liter |
| 4. Consumption Amount | FUEL → 0.254 | 0.254L |

| Display Order | Title Display → Display Example | Explanation of Example |
|---|---|---|
| 5. Idling Consumption | idLE → 0.015 | 0.015L |
| 6. Gasoline Cost | CoSt → 1355 | 1355yen |
| 7. Accumulative Consumption Amount | ALL → 28.53 | 28.53L |

When your car stops, Sectionalized Gas Mileage Display usually scrolls twice in the display.

※Not displayed during idling consumption display.

※Not displayed until you drive for over 140m after starting the engine or displaying the rate of fuel consumption for that section.

| Display | Title Display → Display Example | Explanation of Example |
|---|---|---|
| Sectionalized Gas Mileage | SECt → 8.5 | Sectionalized Gas Mileage 8.5km per liter |

| ⚠NOTE | Refueling amounts and the display of this product may be slightly different (5~10%) for reasons as below.<br>●Differences in what comprises a "full tank" by the person who refuels the tank ●Effects of the gasoline route to the engine ●Differences in the slope that a car is on during refueling ●Structural differences in gas tanks |
|---|---|

## CAR MODEL SETTINGS BY TYPE

Please set the Car Speed Pulse and the Gas Price according to car model type.

### Car Speed Pulse Setting

Car speed pulse by car model

When the Car Speed Pulse Setting is completed, every setting returns to the default except the Gasoline Price Setting and the Dot Setting.

e-nenpi Display

**1** Key Switch OFF 


Lamp OFF

**2** Push in SET Switch for 3 seconds 


Display Lamp

**3** Push SET Switch, Change the Setting Mode 

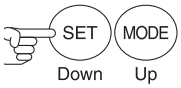

※After 5 seconds of no operation, the display will go off.

PULS

**4** Push MODE Switch 


Current Pulse Setting Display
P2 ~ P32

**5** Car Speed Pulse Setting

Push SET or MODE Switch 


P2 ↔ P4 ↔ P6

Each press of switch will change back and forth

P32 ↔ P16 ↔ P8

**6** With no operation for over 5 seconds 

SEt

Blink

### Gasoline Price Setting

Gasoline price per liter

e-nenpi Display

**1** Engine Start 


Main Display

**2** Push SET Switch, Change the Setting Mode 

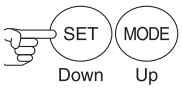

※After 5 seconds of no operation, the display will go off.

GAS

**3** Push MODE Switch 


Current Gas Price Setting Display

**4** Gasoline Price Setting

Push SET or MODE Switch 

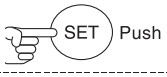

Setting Range :
1～999
(No decimal points)
0.1～99.9
(Decimal to the tenths place)
0.01～99.99
(Decimal to the hundredths place)
0.001～9.999
(Decimal to the thousandths place)

**5** With no operation for over 5 seconds 

SEt

Blink

### Fixing Method

Fix ⇒ Push SET Switch 


Make Settings over again ⇒ Push MODE Switch 


※If no operation occurs for 5 seconds, the lamp will go off and return to the main display without the setting being fixed.

# SETTINGS FOR JET EMISSIONS

Measure the injector jet emission time and the coefficient of the jet emission amount and set automatically.

## Mileage Input

Enter the actual rate of fuel consumption until now.
Temporary Display ~ Fuel Consumption Amount Display

When you cannot enter your rate of fuel consumption for that you have driven because the mileage is not clear, you cannot use this method; please use the refueling amount input method. Also, until completing the refueling input, the display will be in the default setting, having nothing to do with the actual consumption amount.

| ⚠NOTE | By storing the Mileage Input, the Refueling Amount Input will be reset. |
|---|---|

e-nenpi Display

**1** Engine Start (ST) → Main Display

**2** Push SET Switch, Change the Setting Mode (SET Push) → 1L
※After 5 seconds of no operation, the display will go off.

**3** Push MODE Switch (MODE Push) → Current Mileage Setting Display

**4** Mileage Setting
Push SET or MODE Switch (SET Down / MODE Up)
Setting Range : 0.1km/L~50.0km/L (0.1km/L unit)

**5** With no operation for over 5 seconds → SEt (Blink)

### Fixing Method

Fix ⇒ Push SET Switch (SET Push)

Make Settings over again ⇒ Push MODE Switch (MODE Push)

※If no operation occurs for 5 seconds, the lamp will go off and return to the main display without the setting being fixed.

**6** Start to Drive

**7** Temporary Display (Up to the distance for one liter of the input rate of gas consumption.)
Driving Distance ÷ Input Mileage = Temporary Display
Dot blinks

- During this time, the dot display is blinking.
- During this time, the next item becomes - - - -, and is not displayed.
  [Instant Gas Mileage／Average Gas Mileage／Accumulative Gas Mileage／Idling Consumption／Accumulative Consumption Amount]
- During this time, the Sectionalized Gas Mileage display is not on.
- Turning the key off will not result in the distance being reset.

**8** Fuel Consumption Amount Display
Injector Jet Emission Time ÷ Auto-calculation of the coefficient = Fuel Consumption Amount Display
Dot lamp off

- Auto-calculation of the coefficient is the numerical value obtained by calculating from the driving distance during the temporary display section and the accumulated value of the Injector Jet Emission Time.
- You can use any of the items.

## Refueling Amount Input

Enter the amount of gas consumed from a full tank. Highly accurate display

| ⚠NOTE | Refueling amounts and the display of this product may be slightly different (5~10%) for reasons as below. |
|---|---|
| ●Differences in what comprises a "full tank" by the person who refuels the tank ●Effects of the gasoline route to the engine ●Differences in the slope that a car is on during refueling ●Structural differences in gas tanks | |

◇Cautions for Refueling (both times)
(Because refueling amounts change greatly due to the slope the car is in during refueling, etc… please pay attention to the following:)
① Try to refuel at the same place at the same gas station.
② Try not to change the inclination of the car by differences in load or passengers.
③ Try to refuel slowly and to as near as possible to a full tank. (Self-service stations are useful for these purposes.)

e-nenpi Display

**1** Filling up the Gas Tank (E F) → Lamp OFF

**2** Key Switch OFF (OFF)

**3** Push in SET Switch for 3 seconds (SET Long 3 sec) → Display Lamp

**4** Push SET Switch, Change the Setting Mode (SET Push) → Strt
※After 5 seconds of no operation, the display will go off.

**5** Push MODE Switch (MODE Push) → no

**6** Measuring the Refueling Amount
Push SET or MODE Switch (SET NO / MODE YES)
Start ⇒ YES
Cancel ⇒ no

**7** With no operation for over 5 seconds → SEt (Blink)

**8** Start to Drive

**9** Refueling (E F)
※Refuel only after having consumed as much fuel as possible (over about 70~80% of the gas tank's capacity).

**10** Key Switch OFF (OFF) → Lamp OFF

**11** Push in SET Switch for 3 seconds (SET Long 3 sec) → Display Lamp

**12** Push SET Switch, Change the Setting Mode (SET Push) → FUEL
※After 5 seconds of no operation, the display will go off.

**13** Push MODE Switch (MODE Push) → 40.0

**14** Refueling Amount Input
Push SET or MODE Switch (SET Down / MODE Up)
Setting Range : 15.0L~500.0L (0.1L unit)

**15** With no operation for over 5 seconds → SEt (Blink)

**16** Accurate Consumption Amount Display

## Accumulative Gas Mileage • Consumption Amount Reset

By driving for a distance over 4,700km without resetting, the Accumulative Gas Mileage and the Accumulative Consumption Amount will automatically be reset.

**1** Engine Start 


**2** Push SET Switch, Change the Setting Mode 


※After 5 seconds of no operation, the display will go off.

**3** Accumulative Value Reset

Push MODE Switch 


e-nenpi Display

Main Display → rSEt → 0.000 (The long buzzer sounds) → Main Display

# SPECIAL SETTINGS

This Check / Under normal conditions, it is not necessary to set this.

## Pulse Check Check the car speed pulse

Please set it if the car pulse is unidentified or an error display appears. (This is not necessary in cars for which the speed pulse is known.)

**⚠WARNING**

- Please check the display while driving in a safe place. Careless driving may result in terrible accidents including those that cause serious injury or even death. .
- Please obey all traffic safety rules while on the road.

**1** Key Switch OFF 


**2** Push in SET Switch for 3 seconds 


**3** Push SET Switch, Change the Setting Mode 


※After 5 seconds of no operation, the display will go off.

**4** Push MODE Switch 


**5** Pulse Check

Start the Engine within 5 seconds 


**6** Confirm the pulse number display while driving at a speed of 30km/hr.

If the display shows - - - -, then the pulse is not compatible

**7** Stop the Car and Stop the Engine 


**8** Using the Car Speed Pulse Setting, set to the pulse number while driving at 30km/hr.

e-nenpi Display

Lamp OFF → Display Lamp → CHEC → P 4 (Ex: If the pulse were 4) → Lamp OFF

## Dot Setting Set the gasoline price unit

**This is not necessary when setting in Japanese yen.** This setting is only necessary when matching the decimal point to the unit price in a foreign currency. By storing the Dot Setting, the Gasoline Price Setting returns to the default setting of 135.

**1** Key Switch OFF 


**2** Push in SET Switch for 3 seconds 


**3** Push SET Switch, Change the Setting Mode 


※After 5 seconds of no operation, the display will go off.

**4** Push MODE Switch 


e-nenpi Display

Lamp OFF → Display Lamp → dot → (blank)

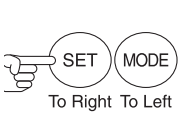
The dot will blink to show the current setting position.
(Default setting is the first digit = Japanese yen)

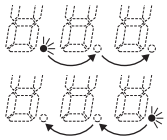
**5** Dot Setting

The Dot (Decimal Point) Setting is for adjusting the price of gas per liter to the currency being used. **For Japanese yen use the first digit.**

Push SET Switch = The dicimal point moves right

Push MODE Switch = The dicimal point moves left

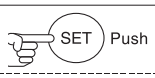


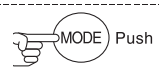



**6** With no operation for over 5 seconds 

SEt (Blink)

### Fixing Method

Fix ⇒ Push SET Switch 


Make Settings over again ⇒ Push MODE Switch 


※If no operation occurs for 5 seconds, the lamp will go off and return to the main display without the setting being fixed.

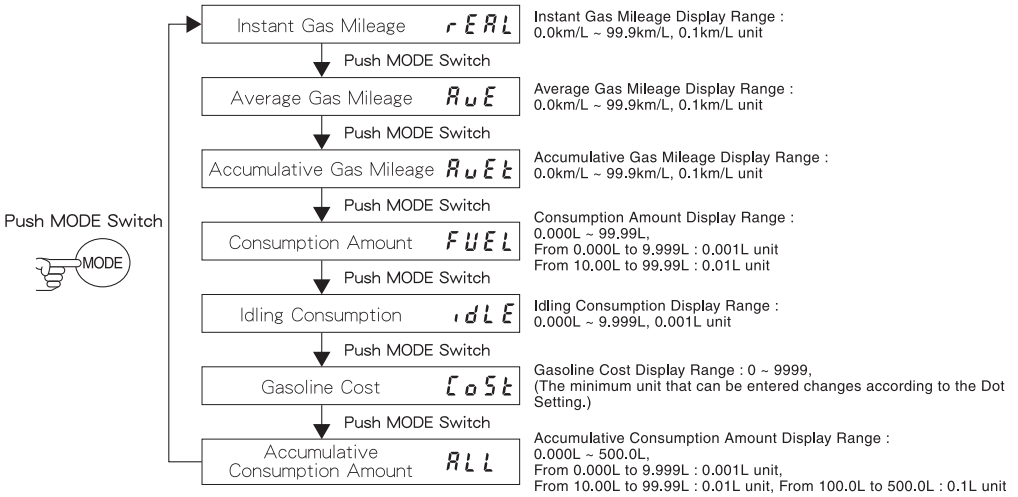
**Reference** Examples of settings by country and type of currency.

| Country Name | Example of Gasoline Cost (per liter) | Price Unit | Input Example | Decimal Point Position |
|---|---|---|---|---|
| Singapore | 1.34 | Singapore Dollar | 1.34 | after first digit |
| Malaysia | 1.38 | Ringgit | 1.38 | after first digit |
| Thailand | 19.79 | Baht | 19.8 | after second digit |
| Philippines | 26.56 | Peso | 26.6 | after second digit |
| HongKong | 11.93 | Hong Kong Dollar | 11.9 | after second digit |
| Taiwan | 19.8 | New Taiwan Dollar | 19.8 | after second digit |
| Korea | 1392 | Won | 1.39※ | after first digit |

Because in the USA, the unit of speed and distance is miles, it is not compatible. ※Input at 1/1000

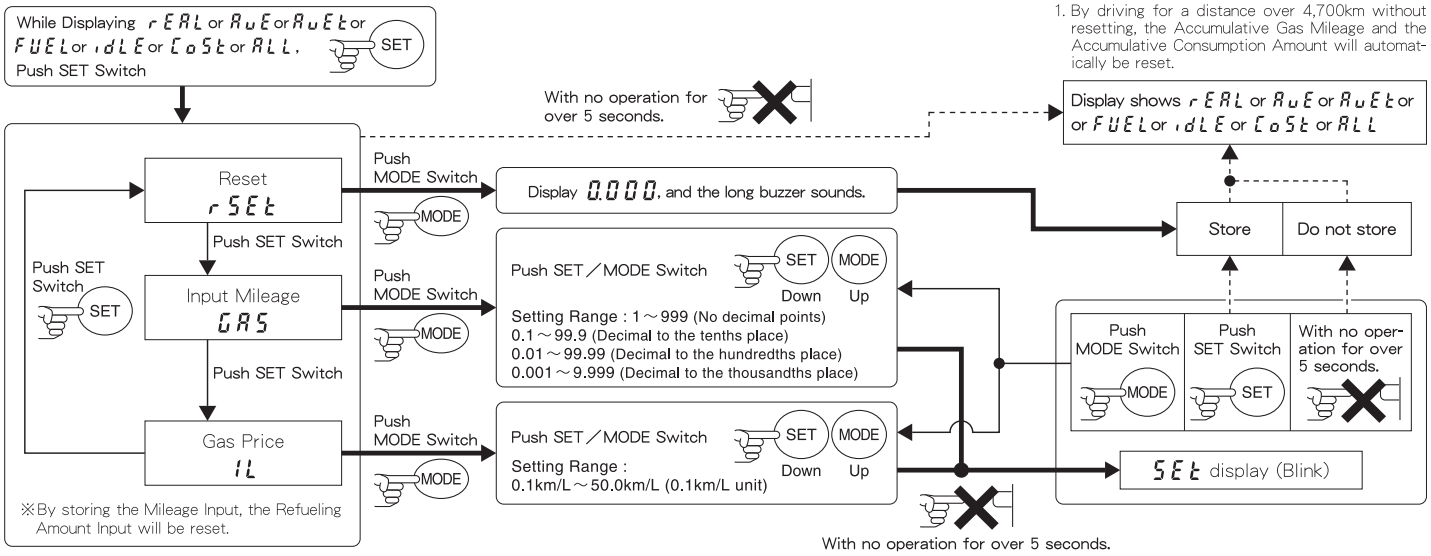
# FLOW CHART

## Change Main Display



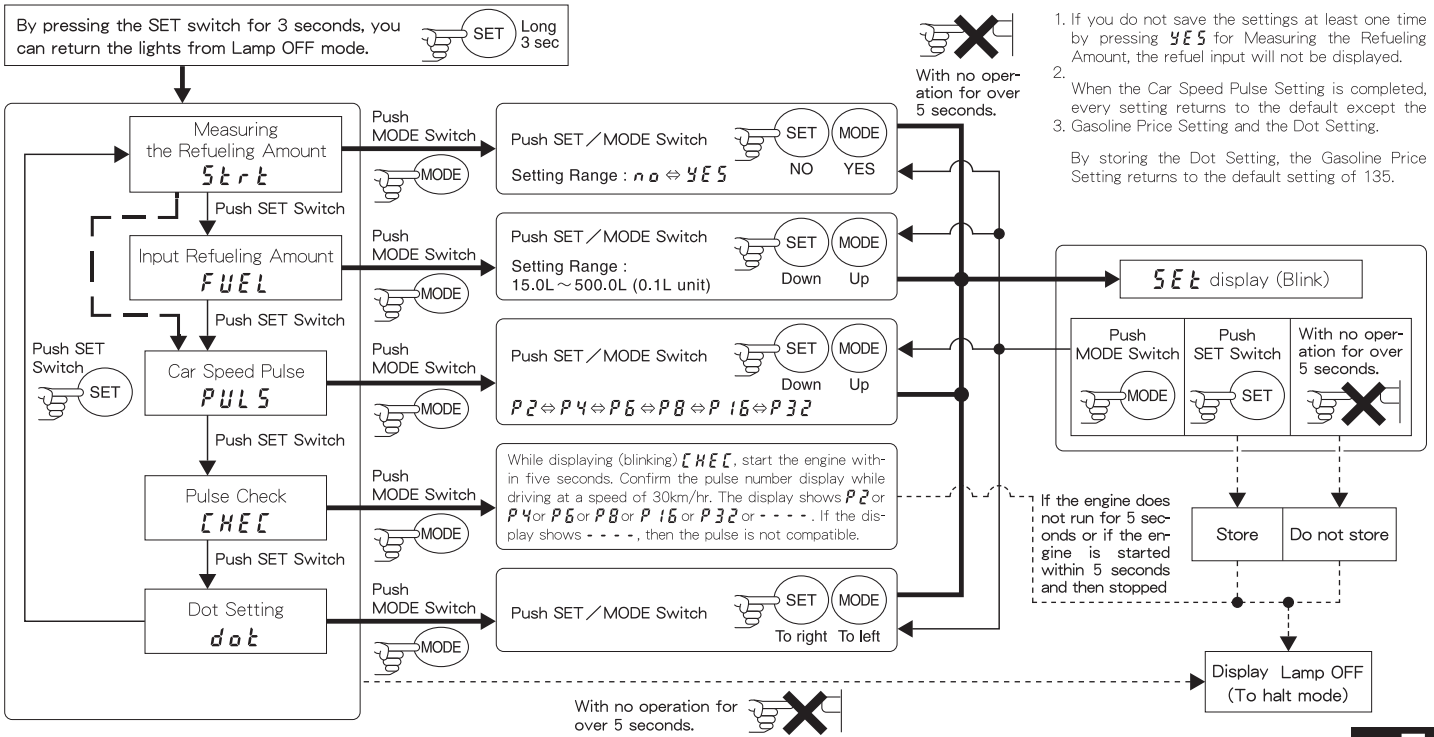

1. When your car stops, Sectionalized Gas Mileage Display usually scrolls twice in the display. (Not displayed while displaying Idling Consumption. Also, not displayed until you drive for over 140m after starting the engine or displaying the rate of fuel consumption for that section.)
   Sectionalized Gas Mileage Display Range : 0.0km/L~99.9km/L
   Ex : SECt 8.5. SECt 26.5
2. When measuring the Accumulative Injector Jet Emission Time using the Mileage Input Method, the Instant Gas Mileage, the Average Gas Mileage, the Accumulative Gas Mileage, the Idling Consumption, and the Accumulative Consumption Amount will appear as - - - -. in the display (with the dots at the lowest position blinking). The Sectionalized Gas Mileage is not displayed.
3. After finishing to measure the Accumulative Injector Jet Emission Time using the Mileage Input Method, the Consumption Amount display and the Gasoline Cost display will be reset to 0.
4. When measuring the Accumulative Injector Jet Emission Time using the Mileage Input Method, restarting the engine doesn't reset the Consumption Amount display or the Gasoline Cost display to 0.

## SETTING 1 (While the engine is running)




1. By driving for a distance over 4,700km without resetting, the Accumulative Gas Mileage and the Accumulative Consumption Amount will automatically be reset.

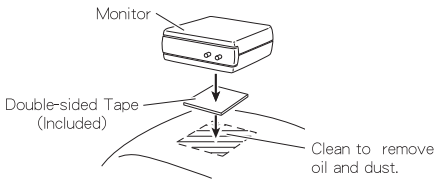
## SETTING 2 (While the engine is stopping)




1. If you do not save the settings at least one time by pressing YES for Measuring the Refueling Amount, the refuel input will not be displayed.
2. When the Car Speed Pulse Setting is completed, every setting returns to the default except the
3. Gasoline Price Setting and the Dot Setting.

   By storing the Dot Setting, the Gasoline Price Setting returns to the default setting of 135.

## MONITOR INSTALLATION ※When affixing with the double-sided tape.




① Clean oil and dust from the monitor and from the area where you wish to affix it.
② Make sure to securely affix it with the double-sided tape provided in the kit.

⚠ Do not reuse the tape; it will lose adhesiveness.

## HOW TO USE THE CUT CONNECTORS ※If soldering is possible, please do so.

**Method 1** Connecting a new wire to the middle of another wire.

1 Peel off about 10mm of the vinyl cover at connection.

2 Peel off about 10mm of the vinyl cover at the end of the product's wire.

3 Twist the uncovered wires.

4 Close tightly with cut connector.

**Method 2** Connecting two wires at their ends.

1 Peel off about 10mm of the vinyl covers at the end of the wires to be connected.

2 Twist the uncovered wires.

3 Close tightly with cut connector.

※Use a crushing tool to press the cut connector, if you do not have such a tool, use pliers or such to fold and crush the connector together for a secure contact.

※After covering, make sure to insulate properly with vinyl tape.

## TROUBLESHOOTING ※Please make the following checks before seeking repair.

| Trouble | Possible Causes | Possible Solutions |
|---|---|---|
| There is no display while the engine is running. | Poor connection of RED・BLACK・ORANGE・GREEN wire. | Check each wire connections or conditions. |
| There are no fuel consumption displays while driving. | Poor connection of WHITE wire. | Check the WHITE wire connections or conditions. |
| The mileage entry was made, but while driving the consumption amounts are not being added. | | |
| In CHEC mode, the display would not change from - - - -. | | Check to make sure of a proper connection to the SP. |
| Something is wrong with the fuel consumption display. | The Car Speed Pulse Setting is wrong. | Check the pulse in CHEC mode.<br>※When the Car Speed Pulse Setting is completed, every setting returns to the default except the Gasoline Price Setting and the Dot Setting. |
| | The Accumulative Measurement of Injector Jet Emission Time is not being done properly. | Please enter the mileage value again or enter the refueling amount. |

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