# AFRICA TWIN




## OWNER'S MANUAL

This manual should be considered a permanent part of the vehicle and should remain with the vehicle when it is resold.

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# Welcome

Congratulations on your purchase of a new Honda vehicle. Your selection of a Honda makes you part of a worldwide family of satisfied customers who appreciate Honda's reputation for building quality into every product.

To ensure your safety and riding pleasure:

- Read this owner's manual carefully.
- Follow all recommendations and procedures contained in this manual.
- Pay close attention to safety messages contained in this manual and on the vehicle.

- The following codes in this manual indicate each destination.
- The illustrations here in are based on the CRF1100D4 III ED type.

**Destination Codes**

| Code | Destination |
|---|---|
| **CRF1100A** | |
| ED | European direct sales, South Africa, Turkey, Singapore, United Kingdom, Gibraltar, Serbia, Israel, Costa Rica, Guatemala, Peru, Bolivia, Paraguay |
| II ED | European direct sales, South Africa, Turkey, Singapore, United Kingdom, Gibraltar, Serbia, Israel, Ukraine, Costa Rica, Guatemala, Honduras, Bolivia, Paraguay |
| GS | GCC Countries, Lebanon, Jordan |
| **CRF1100A3** | |
| ED, II ED, III ED | European direct sales, Turkey, United Kingdom, Gibraltar, Serbia, Israel, Bolivia, Paraguay |
| GS, III GS | GCC Countries, Lebanon, Jordan |
| **CRF1100A4** | |
| ED | European direct sales, South Africa, Turkey, Hong Kong, Singapore, United Kingdom, Gibraltar, Serbia, Israel, Costa Rica, Guatemala, Bolivia, Paraguay |
| III ED | European direct sales, South Africa, Turkey, Hong Kong, United Kingdom, Gibraltar, Serbia, Israel, Costa Rica, Guatemala, Honduras, Bolivia, Paraguay |

**CRF1100D**

| | |
|---|---|
| ED, II ED | European direct sales, South Africa, Turkey, United Kingdom, Gibraltar, Serbia, Israel, Costa Rica, Guatemala, Bolivia, Paraguay |
| GS | GCC Countries, Lebanon, Jordan |

**CRF1100D3**

| | |
|---|---|
| ED, II ED, III ED | European direct sales, Turkey, United Kingdom, Gibraltar, Serbia, Israel, Bolivia, Paraguay |
| GS, III GS | GCC Countries, Lebanon, Jordan |

**CRF1100D4**

| | |
|---|---|
| ED | European direct sales, South Africa, Turkey, Hong Kong, United Kingdom, Gibraltar, Serbia, Israel, Costa Rica, Guatemala, Peru, Bolivia, Paraguay |
| III ED | European direct sales, South Africa, Turkey, Hong Kong, United Kingdom, Gibraltar, Serbia, Israel, Ukraine, Costa Rica, Guatemala, Honduras, Peru, Bolivia, Paraguay |

**CRF1100DL4**

| | |
|---|---|
| GS, III GS | GCC Countries, Lebanon, Jordan |

*The specifications may vary with each locale.

# A Few Words About Safety

Your safety, and the safety of others, is very important. Operating this vehicle safely is an important responsibility.
To help you make informed decisions about safety, we have provided operating procedures and other information on safety labels and in this manual. This information alerts you to potential hazards that could hurt you or others.
Of course, it is not practical or possible to warn you about all hazards associated with operating or maintaining a vehicle. You must use your own good judgement.

You will find important safety information in a variety of forms, including:

- Safety labels on the vehicle
- Safety Messages preceded by a safety alert symbol ⚠ and one of three signal words: DANGER, WARNING, or CAUTION. These signal words mean:

**⚠DANGER**

**You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.**

**⚠WARNING**

**You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.**

**⚠CAUTION**

**You CAN be HURT if you don't follow instructions.**

**Other important information is provided under the following titles:**

NOTICE Information to help you avoid damage to your vehicle, other property, or the environment.

# Contents


**Vehicle Safety** P. 2

**Operation Guide** P. 22

**Maintenance** P. 250

**Troubleshooting** P. 308

**Information** P. 339

**Specifications** P. 360

# Vehicle Safety

This section contains important information for safe riding of your vehicle.
Please read this section carefully.

**Safety Guidelines** ..... P. 3
**Image Labels** ..... P. 7
**Safety Precautions** ..... P. 13
**Riding Precautions** ..... P. 14
**Accessories & Modifications** ..... P. 19
**Off-Road Safety** ..... P. 20
**Loading** ..... P. 21

# Safety Guidelines

Follow these guidelines to enhance your safety:

- Perform all routine and regular inspections specified in this manual.
- Stop the engine and keep sparks and flames away before filling the fuel tank.
- Do not run the engine in enclosed or partly enclosed areas. Carbon monoxide in exhaust gases is toxic and can kill you.

## Always Wear a Helmet

It's a proven fact: helmets and protective apparel significantly reduce the number and severity of head and other injuries. So always wear an approved helmet and protective apparel. ➔P. 13

## Before Riding

Make sure that you are physically fit, mentally focused, and free of alcohol and drugs. Check that you and your passenger are both wearing an approved helmet and protective apparel. Instruct your passenger on holding onto the grab rail or your waist, leaning with you in turns, and keeping their feet on the footpegs, even when the vehicle is stopped.

## Take Time to Learn & Practice

Even if you have ridden other vehicles, practice riding in a safe area to become familiar with how this vehicle works and handles, and to become accustomed to the vehicle's size and weight.

## Ride Defensively

Always pay attention to other vehicles around you, and do not assume that other drivers see you. Be prepared to stop quickly or perform an evasive maneuver.

*Continued* 

## Make Yourself Easy to See

Make yourself more visible, especially at night, by wearing bright reflective clothing, positioning yourself so other drivers can see you, signaling before turning or changing lanes, and using your horn when necessary.

## Be Alert for Off-road Hazards

The terrain can be present a variety of challenges when you ride off-road. Continually "read" the terrain for unexpected turns, drop-offs, rocks, ruts and other hazards. Always keep your speed low enough to allow time to see and react to hazards.

## Ride within Your Limits

Never ride beyond your personal abilities or faster than conditions warrant. Fatigue and inattention can impair your ability to use good judgement and ride safely.

## Don't Drink or Use Drugs and Ride

Alcohol or drugs and riding don't mix. Even one alcoholic drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. The same is true for drug use. Don't drink or use and ride, and don't let your friends do it either.

## Keep Your Honda in Safe Condition

It's important to keep your vehicle properly maintained and in safe riding condition. Having a breakdown can be difficult, especially if you are stranded off-road far from your base. Inspect your vehicle before every ride and perform all recommended maintenance. Never exceed load limits (P. 21), and do not modify your vehicle or install accessories that would make your vehicle unsafe (P. 19).

## If You are Involved in a Crash

Personal safety is your first priority. If you or anyone else has been injured, take time to assess the severity of the injuries and whether it is safe to continue riding. Call for emergency assistance if needed. Also follow applicable laws and regulations if another person or vehicle is involved in the crash.

If you decide to continue riding, first turn the ignition switch to the O (Off) position, and evaluate the condition of your vehicle. Inspect for fluid leaks, check the tightness of critical nuts and bolts, and check the handlebar, control levers, brakes, and wheels. Ride slowly and cautiously.

Your vehicle may have suffered damage that is not immediately apparent. Have your vehicle thoroughly checked at a qualified service facility as soon as possible.

## Lithium-Ion (Li-Ion) Battery

If you smell an unusual odor coming from the lithium-ion (li-ion) battery, park your vehicle in a safe place outside and away from flammable objects, then turn the ignition switch to the O (Off) position. Have your vehicle inspected by your dealer immediately.

## Carbon Monoxide Hazard

Exhaust contains poisonous carbon monoxide, a colourless, odorless gas. Breathing carbon monoxide can cause loss of consciousness and may lead to death.

If you run the engine in a confined or even partly enclosed area, the air you breathe could contain a dangerous amount of carbon monoxide.
Never run your vehicle inside a garage or other enclosure.

**⚠WARNING**

Running the engine of your vehicle while in an enclosed or even partially enclosed area can cause a rapid build-up of toxic carbon monoxide gas.

Breathing this colourless, odorless gas can quickly cause unconsciousness and lead to death.

Only run your vehicle's engine when it is located in a well ventilated area outdoors.

# Image Labels

The following pages describe the label meanings. Some labels warn you of potential hazards that could cause serious injury. Others provide important safety information. Read this information carefully and don't remove the labels.

If a label comes off or becomes hard to read, contact your dealer for a replacement.

There is a specific symbol on each label. The meanings of each symbol and label are as follows.



Read instructions contained in Owner's Manual carefully.



Read instructions contained in Shop Manual carefully. In the interest of safety, take the vehicle to be serviced only by your dealer.



**DANGER (with RED background)**
You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.
**WARNING (with ORANGE background)**
You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.
**CAUTION (with YELLOW background)**
You CAN be HURT if you don't follow instructions.



**BATTERY LABEL**
**DANGER**

- Carefully read this manual.
  If this product is handled incorrectly, it may lead to damage to the vehicle, heat generation, explosion, fire, loss of vision or burns.
- Keep this product away from fires and high temperature heat sources.
  Do not bring or cause fires (matches, lighters, cigarettes, sparks at terminals or from welding machines or grinders) close to the battery.
  Doing so may cause heat generation, explosion or fire.
- Do not allow children and other people to touch a battery unless they understand proper handling and hazards of the battery very well.
- Do not dismantle, modify or solder the main unit and battery terminals.
  Doing so may cause leakage, heat generation, explosion, fire or loss of vision due to leaked electrolyte.
  If electrolyte gets into one's eye, immediately wash the eye with plenty of water, and receive treatment from an eye specialist (ophthalmologist) as soon as possible.




**RADIATOR CAP LABEL**
**DANGER**
NEVER OPEN WHEN HOT.
Hot coolant will scald you.
Relief pressure valve begins to open at **1.1 kgf/cm²**.

*Continued*




**ACCESSORIES AND LOADING WARNING LABEL WARNING**

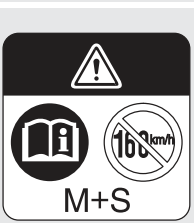
ED, II ED, III ED type

ACCESSORIES AND LOADING

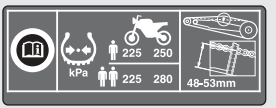
- The safety stability and handling of this vehicle may be affected by the addition of accessories and luggage.
- Read carefully the instructions contained in user's manual and installation guide before installing any accessory.
- The total weight of accessories and luggage added to rider's and passenger's weight should not exceed **218 kg (481 lb)**, which is the maximum weight capacity.
- The luggage weight must not exceed **29 kg (64 lb)** under any circumstances.
- The fitting of large fork-mounted or large handlebar mounted fairing is not recommended.



**REAR CUSHION LABEL**
GAS FILLED
Do not open. Do not heat.




**TYRE LABEL**
**WARNING**
ED, II ED, III ED type
If M+S tyres (P. 362) are installed, keep maximum speed to less than **160 km/h (99 mph)**.




**TYRE INFORMATION & DRIVE CHAIN LABEL**

Cold tyre pressure:

[Driver only]

Front **225 kPa (2.25 kgf/cm², 33 psi)**

Rear **250 kPa (2.50 kgf/cm², 36 psi)**

[Driver and passenger]

Front **225 kPa (2.25 kgf/cm², 33 psi)**

Rear **280 kPa (2.80 kgf/cm², 41 psi)**

Keep chain adjusted and lubricated.

Freeplay **48 - 53 mm (1.9 - 2.1 in)**




**SAFETY REMINDER LABEL**

For your protection, always wear helmet, protective apparel.

**FUEL LABEL**

Unleaded petrol only

ETHANOL up to 10 % by volume




**REAR CARRIER LABEL**

Do not exceed **10 kg (22 lb)**.

# Safety Precautions

- Ride cautiously and keep your hands on the handlebar and feet on the footpegs.
- Instruct your passenger to keep their hands on the grab rail or your waist and their feet on the footpegs while riding.
- Always consider the safety of your passenger, as well as other drivers and riders.

## Protective Apparel

Make sure that you and any passenger are wearing an approved helmet, eye protection, and high-visibility protective clothing. Avoid wearing loose clothes that could get caught on any part of the vehicle. Ride defensively in response to weather and road conditions.

### Helmet

Safety-standard certified, high-visibility, correct size for your head

- Must fit comfortably but securely, with the chin strap fastened
- Face shield with unobstructed field of vision or other approved eye protection

**⚠WARNING**

Not wearing a helmet increases the chance of serious injury or death in a crash.

Make sure that you and any passenger always wear an approved helmet and protective apparel.

### Gloves

Full-finger leather gloves with high abrasion resistance

### Boots or Riding Shoes

Sturdy boots with non-slip soles and ankle protection

*Continued* 

### Jacket and Trousers

Protective, highly visible, long-sleeved jacket and durable trousers for riding (or a protective suit)

### Additional Off-road Gear

On-road apparel may also be suitable for casual off-road riding. But if you plan on any serious off-road riding you will need more serious off-road gear. In addition to your helmet and eye protection, we recommend off-road motorcycle boots and gloves, riding pants with knee and hip pads, a jersey with elbow pads, and a chest/shoulder protector.

# Riding Precautions

## Running-in Period

During the first 500 km (300 miles) of running, follow these guidelines to ensure your vehicle's future reliability and performance.

- Avoid full-throttle starts and rapid acceleration.
- Avoid hard braking and rapid down-shifts.
- Ride conservatively.

## Brakes

Observe the following guidelines:

- Avoid excessively hard braking and downshifting.
  - ▶ Sudden braking can reduce the vehicle's stability.
  - ▶ Where possible, reduce speed before turning; otherwise you risk sliding out.
- Exercise caution on low traction surfaces.
  - ▶ The tyres slip more easily on such surfaces and braking distances are longer.
- Avoid continuous braking.
  - ▶ Repeated braking, such as when descending long, steep slopes can seriously overheat the brakes, reducing their effectiveness. Use engine braking with intermittent use of the brakes to reduce speed.
- For full braking effectiveness, operate both the front and rear brakes together.

### Anti-lock Brake System (ABS)

This model is equipped with an Anti-lock Brake System (ABS) designed to help prevent the brakes from locking up during hard braking. The ABS functions with information provided by the IMU (Inertia Measurement Unit).

- ABS does not reduce braking distance. In certain circumstances, ABS may result in a longer stopping distance.
- ABS does not function at speeds below 10 km/h (6 mph).
- The brake lever and pedal may recoil slightly when applying the brakes. This is normal.
- Always use the recommended front/rear tyres and sprockets to ensure correct ABS operation.

*Continued* 

### Engine Braking

Engine braking helps slow your vehicle down when you release the throttle. For further slowing action, downshift to a lower gear. Use engine braking with intermittent use of the brakes to reduce speed when descending long, steep slopes.

### Wet or Rainy Conditions

Road surfaces are slippery when wet, and wet brakes further reduce braking efficiency. Exercise extra caution when braking in wet conditions.

If the brakes get wet, apply the brakes while riding at low speed to help them dry.

## Parking

- Park on a firm, level surface.
- If you must park on a slight incline or loose surface, park so that the vehicle cannot move or fall over.
- Make sure that high-temperature parts cannot come into contact with flammable materials.
- Do not touch the engine, muffler, brakes and other high-temperature parts until they cool down.
- To reduce the likelihood of theft, always lock the handlebar and remove the key when leaving the vehicle unattended.
  Use of an anti-theft device is also recommended.

### Parking with the Side Stand

1. Stop the engine.
2. Push the side stand down.
3. Slowly lean the vehicle to the left until its weight rests on the side stand.
4. Turn the handlebar fully to the left.
   ▶ Turning the handlebar to the right reduces stability and may cause the vehicle to fall.
5. Turn the ignition switch to the (Lock) position and remove the key. P. 123

## Refuelling and Fuel Guidelines

Follow these guidelines to protect the engine, fuel system and catalytic converter:

- Use only unleaded petrol.
- Use the recommended octane number. Using lower octane petrol will result in decreased engine performance.
- Do not use fuels containing a high concentration of alcohol. P. 353
- Do not use stale or contaminated petrol or an oil/petrol mixture.
- Avoid getting dirt or water in the fuel tank.

## Honda Selectable Torque Control

When the Honda Selectable Torque Control (Torque Control) detects rear wheel spin during acceleration, the system will limit the amount of torque applied to the rear wheel based on the Torque Control level selected.
Additionally, the system eases the rapid motion during a wheelie when accelerating based on the Torque Control level selected.

Torque Control will allow some wheel spin during acceleration at the lower Torque Control setting levels. Select a level that is appropriate for your skill and riding conditions.

Torque Control does not work during deceleration and will not prevent the rear wheel from skidding due to engine braking. Do not close the throttle suddenly, especially when riding on slippery surfaces.

Torque Control may not compensate for rough track and road conditions or rapid throttle operation. Always consider track, road and weather conditions, as well as your skills and condition, when applying throttle.
If your vehicle gets stuck in mud, snow, or sand, it may be easier to free it by turning off the Torque Control temporarily.
Temporarily turning off Torque Control also may help you maintain control and balance when riding on off-road terrain.

Always use the recommended tyres and sprockets to ensure correct Torque Control operation.

# Accessories & Modifications

We strongly advise that you do not add any accessories that were not specifically designed for your vehicle by Honda or make modifications to your vehicle from its original design. Doing so can make it unsafe. Modifying your vehicle may also void your warranty and make your vehicle illegal to operate on public roads. Before deciding to install accessories on your vehicle, be certain the modification is safe and legal.

**⚠WARNING**

Improper accessories or modifications can cause a crash in which you can be seriously hurt or killed.

Follow all instructions in this owner's manual regarding accessories and modifications.

Do not pull a trailer with, or attach a sidecar to, your vehicle. Your vehicle was not designed for these attachments, and their use can seriously impair your vehicle's handling.

# Off-Road Safety

Learn to ride in an uncongested off-road area free of obstacles before venturing onto unfamiliar terrain.

- Always obey local off-road riding laws and regulations.
- Obtain permission to ride on private property. Avoid posted areas and obey “NO Trespassing” signs.
- Ride with a friend on another vehicle so that you can assist each other in case of trouble.
- Familiarity with your vehicle is critically important should a problem occur far from help.
- Never ride beyond your ability and experience or faster than conditions warrant.
- If you are not familiar with the terrain, ride cautiously. Hidden rocks, holes, or ravines could spell disaster.
- A muffler is required in most off-road areas. Don't modify your exhaust system. Remember that excessive noise bothers everyone and creates a bad image for motorcycling.

# Loading

- Carrying extra weight affects your vehicle's handling, braking and stability.
  Always ride at a safe speed and never exceed 130 km/h (80 mph) for the load you are carrying.
- Avoid carrying an excessive load and keep within specified load limits.
  **Maximum weight capacity / Maximum luggage weight / Maximum weight on rear carrier** P. 361
- Tie all luggage securely, evenly balanced, and close to the centre of the vehicle.
- Do not place objects near the lights or the muffler.

Also follow these guidelines when you ride off-road on rough terrain:

- Do not carry a passenger.
- Keep cargo small and light weight.
  Make sure it cannot easily be caught on brush or other objects, and that it does not interfere with your ability to shift position to maintain balance and stability.

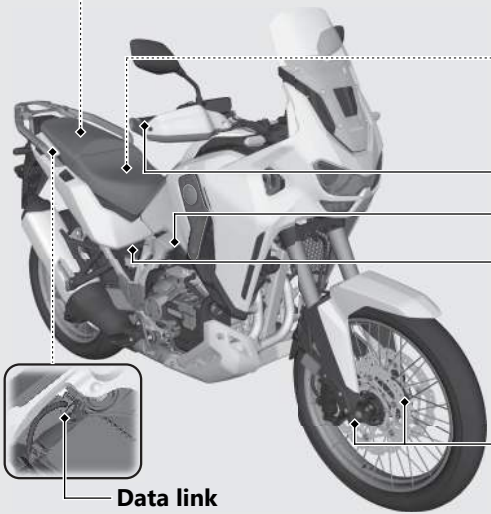
**⚠WARNING**

Overloading or improper loading can cause a crash and you can be seriously hurt or killed.

Follow all load limits and other loading guidelines in this manual.

# Parts Location





**Fuse puller, Hex wrench, Standard/Phillips screwdriver, Screwdriver handle** P.248

**Document bag** P.247

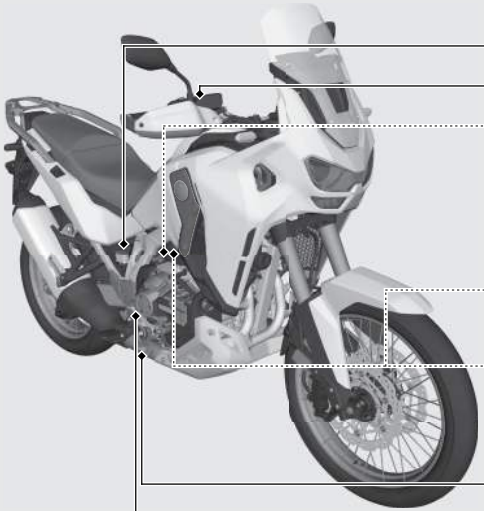
**Throttle grip** P.294

**Battery box cover** P.271

**Rear suspension compression damping adjuster**
CRF1100A/D P.304

**Front suspension compression damping adjusters**
CRF1100A/D P.298

**Data link connector**



**Rear brake fluid reservoir** P.282

**Front brake fluid reservoir** P.282

**Main fuse & ABS main fuse** P.336

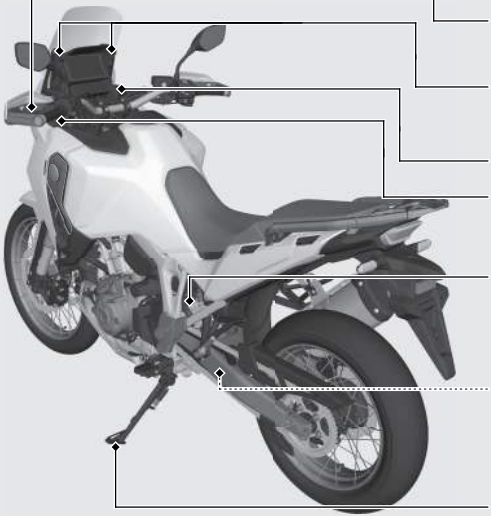
**FI fuse & Main 2 fuse**
CRF1100A/A3/A4 P.337

**FI fuse & Main 2 & DCT main fuse**
CRF1100D/D3/D4/DL4 P.338

**Rear brake pedal**

**Coolant reserve tank** P.280

## Parts Location *(Continued)*



**Clutch lever** CRF1100A/A3/A4 P.291

**Parking brake lever**
CRF1100D/D3/D4/DL4 P.284

**Windscreen lock lever** P.306

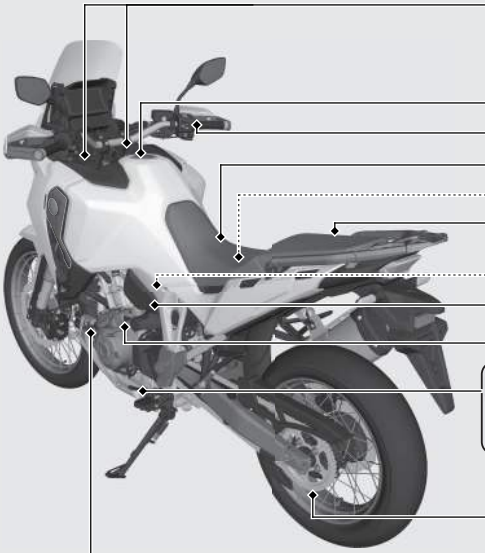
**USB socket** P.244

**Accessory socket**
CRF1100A3/A4/D3/D4/DL4 P.243

**Rear suspension spring preload adjuster** CRF1100A/D P.300

**Rear suspension rebound damping adjuster** CRF1100A/D P.303

**Side stand** P.286



**Front suspension spring preload/ rebound damping adjusters**
CRF1100A/D P.296 P.297

**Fuel fill cap** P.242

**Front brake lever** P.295

**Front seat** P.273

**Fuse box & ABS FSR fuse** P.335

**Rear seat** P.276

**Battery** P.270

**Tool kit/Tool box** P.248 P.277

**Engine oil fill cap** P.278



**Shift lever**
CRF1100A/A3/A4
P.226

**Drive chain** P.287

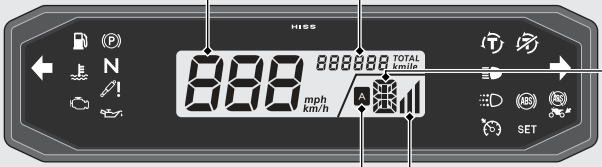
**Engine oil dipstick** P.278

# Instruments



**Odometer [TOTAL]**
Total distance ridden. When " - - - - - - " is displayed, have your dealer check for problems.

**Speedometer**




**AT indicator**
CRF1100D/D3/D4/DL4
Comes on when the AT MODE. P.229

**Display Check**

When the ignition switch is turned to the | (On) position, all the mode and digital segments will show. If any part of these displays does not come on when it should, have your dealer check for problems.

**Gear position indicator**

CRF1100A/A3/A4

The gear position is shown in the gear position indicator.

▶ "-" appears when the transmission is not shifted properly.

CRF1100D/D3/D4/DL4

The gear position is shown in the gear position indicator when the MT MODE is selected.

The indicator may flash if:

▶ The front wheel leaves the ground.

▶ You turn the wheel while the vehicle is upright on the stand.

This is normal. To operate the system again, turn the ignition switch to the ○ (Off) position, and then to the | (On) position again.

D is shown in the gear position indicator when the D mode is selected in the AT MODE.

S is shown in the gear position indicator when the S mode is selected in the AT MODE.

**If the "-" indicator is blinking in the gear position window while riding:** P.315

**S mode level indicator** P.229

CRF1100D/D3/D4/DL4

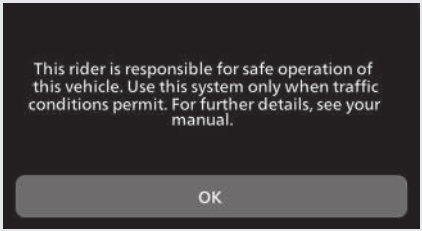
## Instruments *(Continued)*

### Multi-information display

Your vehicle is equipped with a multi-information display that presents various functions and settings.
The multi-information display is a touch screen. You can operate by touching the screen.

- Certain manual functions and settings are disabled or inoperable while the vehicle is in motion. You cannot select a greyed-out menu until the vehicle is stopped.

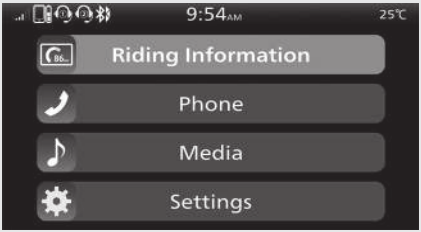
When the ignition switch is turned ▌(On), the Notice message appears on the screen for a few seconds.
Read the Notice message, and then press the **ENT** switch or touch [OK] on the screen.



## Home Screen

From this screen, you can go to various functions and setup options.

**To return to the Home screen:** P.40




## Riding Information

You can go back to the riding information.
Riding information has 3 displays, Gold image display, Silver image display and Bronze image display.
These displays are switched according to riding mode.
Gold image display P.30
Silver image display P.34
Bronze image display P.37
To change the display setting on each riding mode P.84

## Phone

You can make calls using a *Bluetooth*® connected *Bluetooth*® audio devices.

## Media

You can play music from *Bluetooth*® devices.

## Settings

You can select various settings.

## Riding Information



**Gold image display**

**Air temperature gauge** ➡P.69

**Clock (12-hour or 24-hour display)**

**To set the clock:** ➡P.93

**Riding mode display** ➡P.143

**Side stand indicator** ➡P.69

**Sub-information indicator** ➡P.43




**Cruise Control Set Speed**
The speed set for cruise control is displayed.
**Cruise Control:** ➡P.233

**Speedometer**

**Tachometer**

NOTICE
Do not operate the engine in the Tachometer red zone. Excessive engine speed can adversely affect engine life.

**Tachometer red zone**
(excessive engine rpm range)

**Fuel gauge**

Remaining fuel when only E (1st) segment starts flashing:
Approximately 3.6 L (0.95 US gal, 0.79 Imp gal) CRF1100A/A3/D/D3
Approximately 3.9 L (1.03 US gal, 0.86 Imp gal) CRF1100A4/D4/DL4
**If the fuel gauge indicator flashes:** P.316

NOTICE
You should refuel when the reading approaches the E (1st) segment. Running out of fuel can cause the engine to misfire, damaging the catalytic converter.




**Coolant temperature gauge**

When the coolant is over specified temperature, all segments turn red and the H (6th) segment flashes and high coolant temperature indicator lamps. P.310
**If the coolant temperature gauge indicator flashes:** P.317



# Instruments *(Continued)*

**Torque Control level [T] indicator** P.135
When the indicator flashes, have your dealer check for problems.

**[EB] [Engine Brake] level indicator** P.143
When the indicator flashes, have your dealer check for problems.

**[P] [Power] level indicator** P.143
When the indicator flashes, have your dealer check for problems.




**G switch [G] indicator** P.128 CRF1100D/D3/D4/DL4
When the indicator flashes, have your dealer check for problems.

**ABS mode [ABS] indicator** P.143
When the indicator flashes, have your dealer check for problems.

**[S] [Overall] indicator** P.143 CRF1100A3/A4/D3/D4/DL4
When the indicator flashes, have your dealer check for problems.

**Handle grip heater status icon** CRF1100A3/A4/D3/D4/DL4

The handle grip heater status icon will appear while the handle grip heater is on. P.134

**If the handle grip heater status icon flashes:** P.317

**Gear position indicator**

CRF1100A/A3/A4

The gear position is shown in the gear position indicator.

▶ "-" appears when the transmission is not shifted properly.

CRF1100D/D3/D4/DL4

The gear position is shown in the gear position indicator.

The indicator may flash if:

▶ The front wheel leaves the ground.

▶ You turn the wheel while the vehicle is upright on the stand.

This is normal. To operate the system again, turn the ignition switch to the ○ (Off) position, and then to the | (On) position again.

D is shown in the gear position indicator when the D mode is selected in the AT MODE.

S is shown in the gear position indicator when the S mode is selected in the AT MODE.

1 /S — **S mode level indicator** P.229

**If the "-" indicator is blinking in the gear position window while riding:** P.315

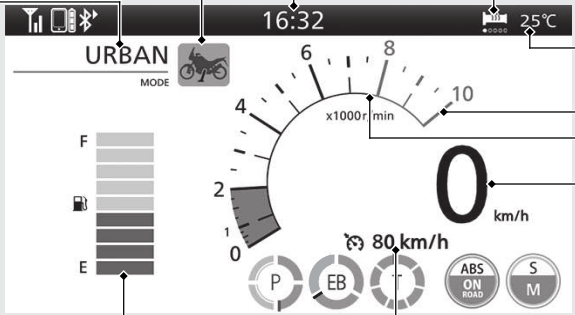
# Instruments *(Continued)*

**Silver image display**

**Clock (12-hour or 24-hour display)**
**To set the clock:** P.93

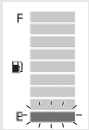
**Side stand indicator**
P.69

**Riding mode display**
P.143




NOTICE

You should refuel when the reading approaches the E (1st) segment. Running out of fuel can cause the engine to misfire, damaging the catalytic converter.




**Fuel gauge**

Remaining fuel when only E (1st) segment starts flashing:
Approximately 3.6 L (0.95 US gal, 0.79 Imp gal) CRF1100A/A3/D/D3
Approximately 3.9 L (1.03 US gal, 0.86 Imp gal) CRF1100A4/D4/DL4

**If the fuel gauge indicator flashes:** P.316

**Handle grip heater status icon** CRF1100A3/A4/D3/D4/DL4

The handle grip heater status icon will appear while the handle grip heater is on.

P.134

**If the handle grip heater status icon flashes:** P.317

**Air temperature gauge** P.69

**Tachometer**

NOTICE

Do not operate the engine in the Tachometer red zone.
Excessive engine speed can adversely affect engine life.

**Tachometer red zone**

(excessive engine rpm range)

**Speedometer**

**Cruise Control Set Speed**

The speed set for cruise control is displayed.

**Cruise Control:** P.233

## Instruments *(Continued)*

**Torque Control level [T] indicator** P.135

When the indicator flashes, have your dealer check for problems.

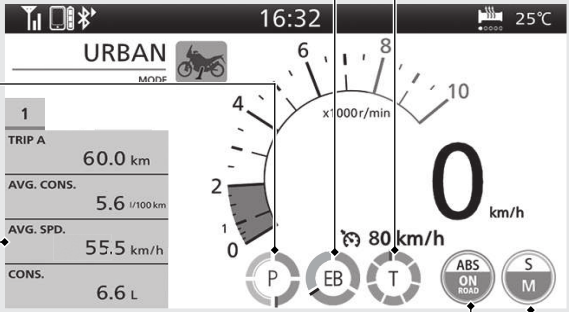
**[EB] [Engine Brake] level indicator** P.143

When the indicator flashes, have your dealer check for problems.

**[P] [Power] level indicator** P.143

When the indicator flashes, have your dealer check for problems.

**Sub-information indicator** P.43




**ABS mode [ABS] indicator** P.143

When the indicator flashes, have your dealer check for problems.

**[S] [Overall] indicator** P.143

CRF1100A3/A4/D3/D4/DL4

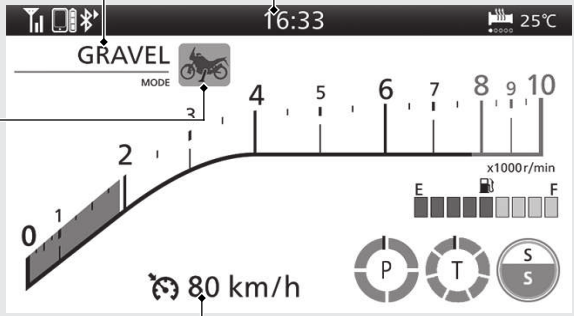
When the indicator flashes, have your dealer check for problems.

**Bronze image display**

**Clock (12-hour or 24-hour display)**
**To set the clock:** P.93

**Riding mode display**
P.143

**Side stand indicator**
P.69




**Cruise Control Set Speed**
The speed set for cruise control is displayed.
**Cruise Control:** P.233

**Handle grip heater status icon**

CRF1100A3/A4/D3/D4/DL4

The handle grip heater status icon will appear while the handle grip heater is on.

P.134

**If the handle grip heater status icon flashes:**

P.317




**[P] [Power] level indicator** P.143

When the indicator flashes, have your dealer check for problems.

**Torque Control level [T] indicator** P.135

When the indicator flashes, have your dealer check for problems.

**[S] [Overall] indicator** P.143

CRF1100A3/A4/D3/D4/DL4

When the indicator flashes, have your dealer check for problems.

**Air temperature gauge** P.69

**Tachometer**

NOTICE
Do not operate the engine in the Tachometer red zone.
Excessive engine speed can adversely affect engine life.

**Tachometer red zone**
(excessive engine rpm range)

**Fuel gauge**
Remaining fuel when only E (1st) segment starts flashing:
Approximately 3.6 L (0.95 US gal, 0.79 Imp gal) CRF1100A/A3/D/D3
Approximately 3.9 L (1.03 US gal, 0.86 Imp gal) CRF1100A4/D4/DL4
**If the fuel gauge indicator flashes:** P.316

NOTICE
You should refuel when the reading approaches the E (1st) segment.
Running out of fuel can cause the engine to misfire, damaging the catalytic converter.

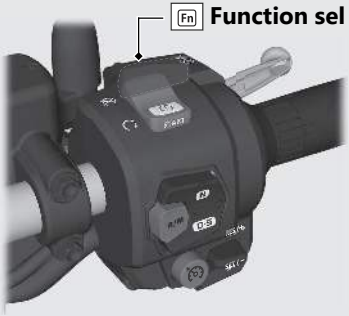


# Instruments *(Continued)*

## Basic Operations

You can operate and set the various functions of your vehicle using the switches on the left handlebar and Fn function sel switch on the right handlebar or touch screen.

However, you cannot operate some functions while the vehicle is in motion.




### To Return to the Home Screen

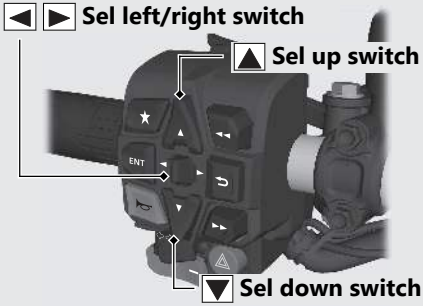
Pull backward and hold the page switch on the left handlebar or touch the clock area of the multi-information display with your vehicle stopped.



**To Select a Desired Setting Menu**

To operate with the left handlebar:
Press ▲ or ▼ to select the available choices.

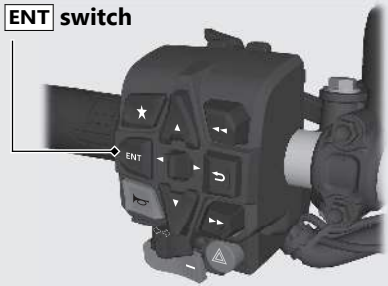
To operate with the left handlebar:
Push ◀ or ▶ to select the available choices.




To operate with the touch screen:
Touch the menu to be selected on the touch screen.

**To Set Your Selection**

To operate with the left handlebar:
Press the **ENT** switch on the left handlebar to set your selection.

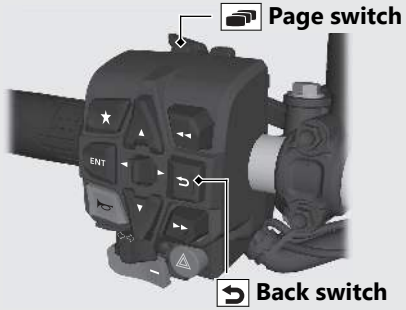



To operate with the touch screen:
Touch the menu to be selected on the touch screen.

## Instruments *(Continued)*

### To Exit the Setting Menu

To return to the riding information:
Pull backward the page switch on the left handlebar.
To return to the Home screen:
Pull backward and hold the page switch on the left handlebar.
To return the previous screen:
Press the back switch on the left handlebar.




To operate with the touch screen:
Touch the to be selected on the touch screen.
Also, the setting mode ends when your vehicle speed reaches approximately 6 km/h (4 mph).

**Page 1:**

Page 1 shows the following items: Tripmeter A [TRIP A] and three items related to Tripmeter A [TRIP A] and Tripmeter B [TRIP B]. P.89

- Tripmeter A average fuel mileage [AVG. CONS.] display P.48
- Tripmeter A average speed [AVG. SPD.] display P.54
- Tripmeter A current fuel mileage [CONS.] display P.50
- Tripmeter A elapsed [ELAPSED] display P.51
- Blank P.63



## Instruments *(Continued)*

### Page 2:

Page 2 shows the following items: Tripmeter B [TRIP B] and three items related to Tripmeter B [TRIP B]. P.89

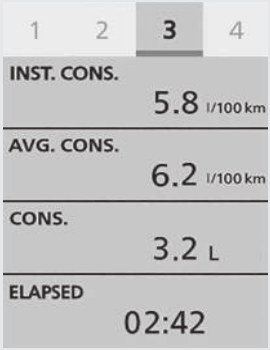
- Tripmeter B average fuel mileage [AVG. CONS.] display P.53
- Tripmeter B average speed [AVG. SPD.] display P.54
- Tripmeter B current fuel mileage [CONS.] display P.55
- Tripmeter B elapsed [ELAPSED] display P.56
- Blank P.63



**Page 3:**

Page 3 shows four items selected from the following items. P.89

- Current fuel mileage [INST. CONS.] display P.57
- Available driving distance [RANGE] display P.58
- Battery voltage [VOLTAGE] display P.59
- Date [DATE] display P.59
- Average fuel mileage [AVG. CONS.] display P.60
- Fuel consumption [CONS.] display P.61
- Elapsed time [ELAPSED] display P.61
- Subtraction trip [-TRIP] display P.62
- Blank P.63



## Instruments *(Continued)*

### Page 4:

Page 4 shows the setting values of the following items.

- ABS function on the rear wheel [ABS RR] display ➡P.64
- Honda Selectable Torque Control level [HSTC] display ➡P.65
- Wheelie Control level [W] display ➡P.66
- CRF1100A3/A4/D3/D4/DL4
  Rear suspension preload level [PRELOAD] display ➡P.67
- CRF1100D/D3/D4/DL4
  G switch [G] display ➡P.68



### To Switch the Page of Display

1. Select the gold image display. P.84
2. Push the ◀ or ▶ of the ◀ ▶ sel left/right switch until the desired page is displayed.

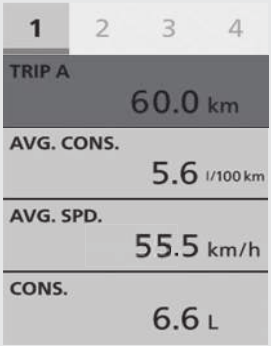
You can also perform the above settings by using the touch screen.

### To Switch the Page 1 or Fuel Gauge

1. Select the silver image display. P.84
2. Push the ◀ or ▶ of the ◀ ▶ sel left/right switch to switch the page or fuel gauge.

### Tripmeter A [TRIP A]

Distance ridden since the tripmeter A was reset.




When "----.-" flashes, have your dealer check for problems.

**To reset the tripmeter A [TRIP A]:**
P.71

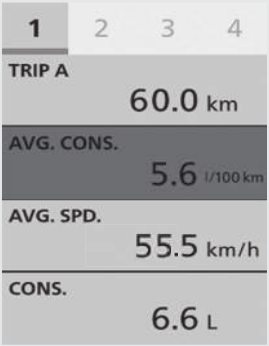
### Tripmeter A Average Fuel Mileage [AVG. CONS.]

Displays the average fuel mileage since the tripmeter A was reset.

The average fuel mileage will be calculated based on the value displayed on the selected tripmeter A.

Display range: 0.0 to 299.9 l/100 km (km/l, mpg or mile/L)

- Initial display: "---.-" is displayed.
- More than 299.9 km/l (mpg or mile/L): "299.9" is displayed.
- More than 299.9 l/100 km : "---.-" is displayed.
- When the tripmeter A is reset: "---.-" is displayed.




When "---.-" flashes, have your dealer check for problems.

**To reset the tripmeter A average fuel mileage [AVG. CONS.]:** P.71

### Tripmeter A Average Speed [AVG. SPD.]

Displays the average speed since the tripmeter A was reset.

The average speed will be calculated based on the value displayed on the selected tripmeter A.

- When the tripmeter A average speed is reset: "299.0" is displayed.

Display range: 0.0 to 299.0 km/h or 0.0 to 186.0 mph




**To reset the tripmeter A average speed [AVG. SPD.]:** P.71

### Tripmeter A Fuel Consumption [CONS.]

Displays the tripmeter A fuel consumption since the tripmeter A was reset.

Display range: 0.0 to 300.0 L (gal)

- Above 300.0 L (gal): "300.0" is displayed.
- When the tripmeter A fuel consumption is reset: "299.9" is displayed.




**To reset the tripmeter A fuel consumption [CONS.]:** P.71

### Tripmeter A Elapsed [ELAPSED]

Displays the tripmeter A elapsed since the tripmeter A was reset.

Display range: 00:00 to 99:59 (hours:minutes)

- The display locks at "99:59" when the read-out exceeds 99:59.

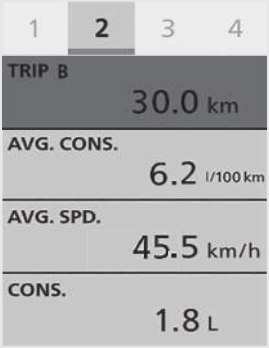



When "00:00" flashes, have your dealer check for problems.

**To reset the tripmeter A elapsed [ELAPSED]:** P.71

### Tripmeter B [TRIP B]

Distance ridden since the tripmeter B was reset.




When "----.-" flashes, have your dealer check for problems.

**To reset the tripmeter B [TRIP B]:**

P.72

### Tripmeter B Average Fuel Mileage [AVG. CONS.]

Displays the average fuel mileage since the tripmeter B was reset.

The average fuel mileage will be calculated based on the value displayed on the selected tripmeter B.

Display range: 0.0 to 299.9 l/100 km (km/l, mpg or mile/L)

- Initial display: "---.-" is displayed.
- More than 299.9 km/l (mpg or mile/L): "299.9" is displayed.
- More than 299.9 l/100 km : "---.-" is displayed.
- When the tripmeter B is reset: "---.-" is displayed.




When "---.-" flashes, have your dealer check for problems.

**To reset the tripmeter B average fuel mileage [AVG. CONS.]:** P.72

### Tripmeter B Average Speed [AVG. SPD.]

Displays the average speed since the tripmeter B was reset.

The average speed will be calculated based on the value displayed on the selected tripmeter B.

- When the tripmeter B average speed is reset: "299.0" is displayed.

Display range: 0.0 to 299.0 km/h or 0.0 to 186.0 mph




**To reset the tripmeter B average speed [AVG. SPD.]:** P.72

### Tripmeter B Fuel Consumption [CONS.]

Displays the tripmeter B fuel consumption since the tripmeter B was reset.

Display range: 0.0 to 300.0 L (gal)

- Above 300.0 L (gal): "300.0" is displayed.
- When the tripmeter B fuel consumption is reset: "299.9" is displayed.




**To reset the tripmeter B fuel consumption [CONS.]:** P.72

## Instruments *(Continued)*

### Tripmeter B Elapsed [ELAPSED]

Displays the tripmeter B elapsed since the tripmeter B was reset.

Display range: 00:00 to 99:59 (hours:minutes)

- The display locks at "99:59" when the read-out exceeds 99:59.



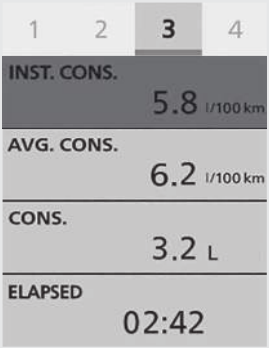

When "00:00" flashes, have your dealer check for problems.

**To reset the tripmeter B elapsed [ELAPSED]:** P.72

### Current Fuel Mileage [INST. CONS.]

Displays the current instant fuel mileage
Display range: 0.0 to 299.9 l/100 km (km/l, mpg or mile/L)

- When your speed is less than 3 km/h (1 mph): "---.-" is displayed.
- Above 299.9 km/l (mpg or mile/L): "299.9" is displayed.
- Above 299.9 l/100 km: "---.-" is displayed.




When "---.-" flashes, have your dealer check for problems.

# Instruments *(Continued)*

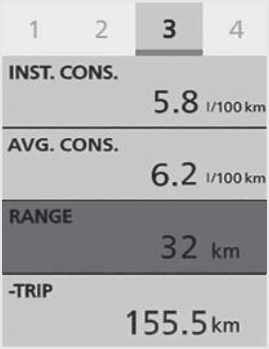
## Available Driving Distance [RANGE]

Displays the estimated distance you can travel on the remaining fuel.

Display range: 999 to 0 km (999 to 0 mile)

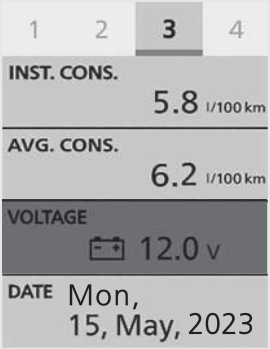
- Above 999 km (mile): "999" is displayed.
- Initial display: "0" is displayed.
- When the available driving distance is below 5 km (3 mile) or the amount of remaining fuel is below 1.0 L (0.2 gal), "---" is displayed.

The indicated available driving distance is calculated based on driving conditions, and the indicated figure may not always be the actual allowable distance.



### Battery Voltage [VOLTAGE]

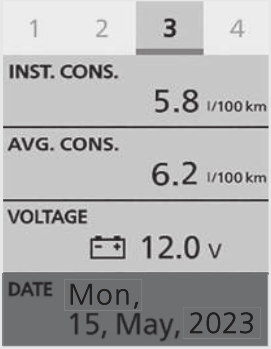
Displays the current battery voltage.
Display range: 7.5 to 18.5 V




When "---.-" flashes, have your dealer check for problems.

### Date [DATE]

Displays today's date.




**To set the current date:** P.93

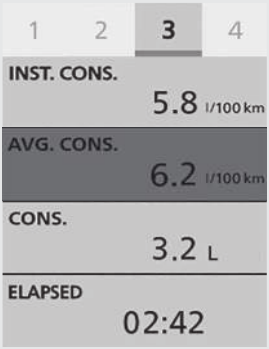
## Instruments *(Continued)*

### Average Fuel Mileage [AVG. CONS.]

Displays the average fuel mileage since the average fuel mileage was reset.

Display range: 0.0 to 299.9 l/100 km (km/l, mpg or mile/L)

- Initial display: "---.-" is displayed.
- More than 299.9 km/l (mpg or mile/L): "299.9" is displayed.
- More than 299.9 l/100 km: "---.-" is displayed.
- When the average fuel mileage [AVG. CONS.] is reset: "---.-" is displayed.




When "---.-" flashes, have your dealer check for problems.

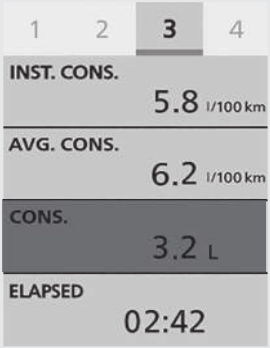
**To reset the average fuel mileage [AVG. CONS.]:** P.73

## Fuel Consumption [CONS.]

Displays the fuel consumption since the engine was started.

Display range: 0.0 to 300.0 L or 0.0 to 300.0 gal

- Above 300.0 L (gal): "300.0" is displayed.
- When the engine is starts: "---.-" is displayed.

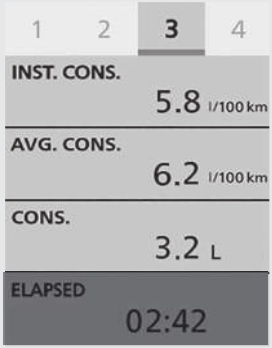



## Elapsed Time [ELAPSED]

Displays operating time since the engine was started.

Display range: 00:00 to 99:59 (hours:minutes)

- The display locks at "99:59" when the read-out exceeds 99:59.

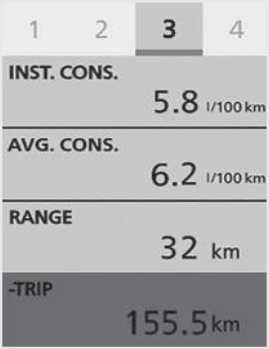



When "00:00" flashes, have your dealer check for problems.

## Instruments *(Continued)*

### Subtraction Trip [-TRIP]

Distance travelled is subtracted from a preset figure, since the subtraction trip was set up.
Display range:
1,607.3 to -1,609.0 km or 999.0 to -1,000.0 mile
The display locks at "-1609.0" km ("-1000.0" mile) when the read-out exceeds -1609.0 km (-1000.0 mile).

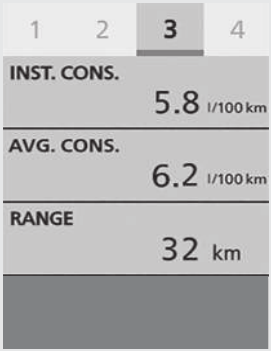



**To set the subtraction trip:** P.81

**Default:** 000

**Blank**

Display is blank.



## Instruments *(Continued)*

### ABS Function on the Rear Wheel [ABS RR]

Displays the selected status of the ABS function on the rear wheel [ABS RR].




**Available settings:** [ACTIVE]/[CANCEL]
**Default:** [ACTIVE]

**To select the ABS function on the rear wheel [ABS RR]:** P.124

### Honda Selectable Torque Control Level [HSTC]

Display the selected value of the Honda Selectable Torque Control level [HSTC].




**Setting range:** Level 1 to 7 or 0 (Off)

**To select the Honda Selectable Torque Control level [HSTC]:** P.135

## Instruments *(Continued)*

### Wheelie Control Level [W]

Display the selected value of the wheelie control level [W].




**Setting range:** Level 1 to 3 or 0 (Off)

**To select the wheelie control level [W]:**
P.139

### Rear Suspension Preload Mode [PRELOAD]

CRF1100A3/A4/D3/D4/DL4

Displays the selected status of the rear suspension preload mode [PRELOAD].




| Status icon | Riding condition |
|---|---|
|  | Rider only (Minimum preload) |
|  | Rider and luggage |
|  | Rider and passenger |
|  | Rider, passenger and luggage (Maximum preload) |

**Default:** Rider only

**To select the rear suspension preload mode [PRELOAD]:** P.301

## Instruments *(Continued)*

### G Switch [G]

CRF1100D/D3/D4/DL4

Displays the selected status of the G switch [G].




**Available settings:** [ACTIVE]/[CANCEL]

**Default:**

- [TOUR MODE]: [CANCEL]
- [URBAN MODE]: [CANCEL]
- [GRAVEL MODE]: [CANCEL]
- [OFF ROAD MODE]: [ACTIVE]
- [USER 1 MODE]: [CANCEL]
- [USER 2 MODE]: [CANCEL]

**To select the G switch [G]:** P.128

## Side Stand Indicator

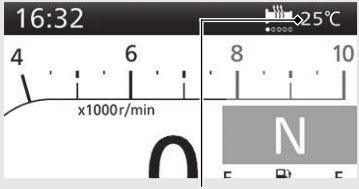
The side stand indicator comes on when the side stand is put down. It goes off when the side stand is raised.




**Side stand indicator**

## Air temperature gauge

Displays the ambient temperature.




**Air temperature gauge**

## Instruments *(Continued)*

Display range: -10 ºC to 50 ºC

- Below -11ºC: "---" is displayed
- Above 50ºC: 50ºC flashes

Road heat and exhaust from another vehicle can affect the temperature reading when your vehicle speed is less than 30 km/h (19 mph). It may take several minutes for the display to be updated after the temperature reading has stabilized.

### Cruise Control Set Speed

The speed set for cruise control is displayed.




**Cruise control set speed**

**To set the cruise control set speed:**

P.235

### To Reset the Tripmeter A [TRIP A], Tripmeter A Average Fuel Mileage [AVG. CONS.], Tripmeter A Average Speed [AVG. SPD.], Tripmeter A Fuel Consumption [CONS.] and Tripmeter A Elapsed [ELAPSED]

To reset the tripmeter A [TRIP A], tripmeter A average fuel mileage [AVG. CONS.], tripmeter A average speed [AVG. SPD.], tripmeter A fuel consumption [CONS.] and tripmeter A elapsed [ELAPSED], press and hold the **ENT** switch while page 1 is displayed or touch and hold the page 1 area.



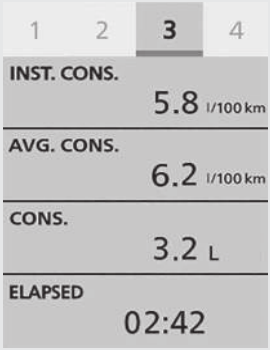
### To Reset the Tripmeter B [TRIP B], Tripmeter B Average Fuel Mileage [AVG. CONS.], Tripmeter B Average Speed [AVG. SPD.], Tripmeter B Fuel Consumption [CONS.] and Tripmeter B Elapsed [ELAPSED]

To reset the tripmeter B [TRIP B], tripmeter B average fuel mileage [AVG. CONS.], tripmeter B average speed [AVG. SPD.], tripmeter B fuel consumption [CONS.] and tripmeter B elapsed [ELAPSED], press and hold the **ENT** switch while page 2 is displayed or touch and hold the page 2 area.



### To Reset the Average Fuel Mileage [AVG. CONS.]

To reset the average fuel mileage [AVG. CONS.], press and hold the **ENT** switch while page 3 is displayed or touch and hold the page 3 area.



# Instruments *(Continued)*
## Setting mode

### To Shift to the Menu of the Multi-Information Display

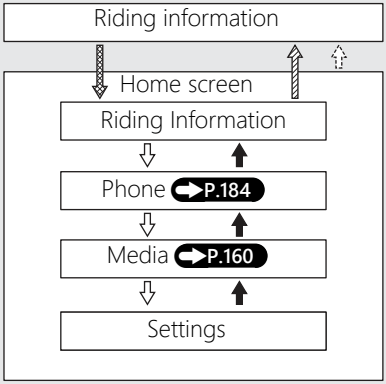
Pull backward and hold the page switch or touch the clock area of the multi-information display.

Select [Riding Information], and then press the **ENT** switch or touch the [Riding Information] of the multi-information display.

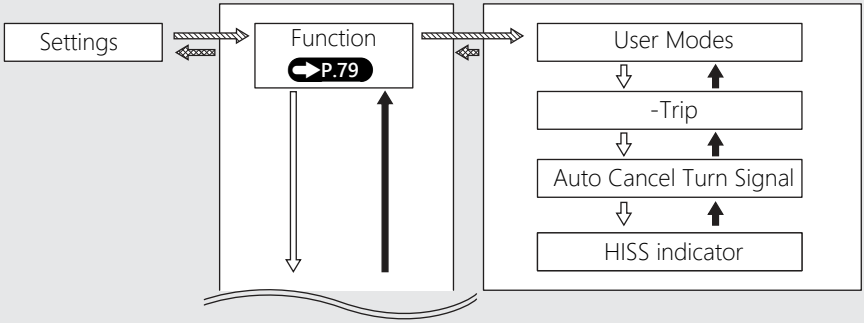
Pull backward the page switch.

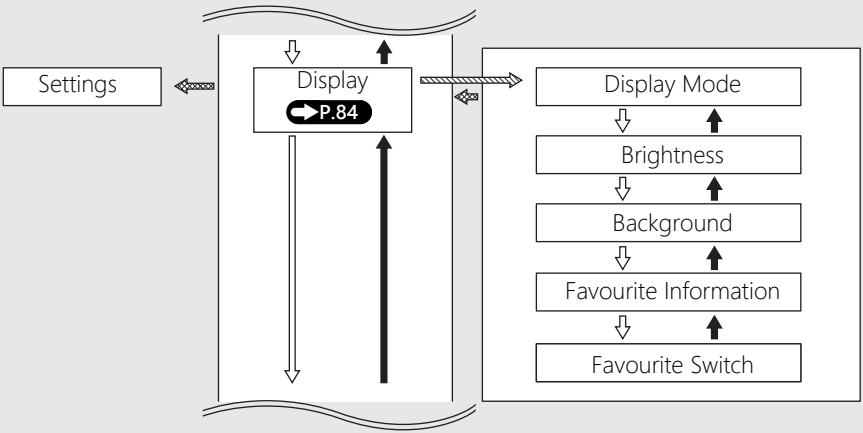
Press the sel up switch.

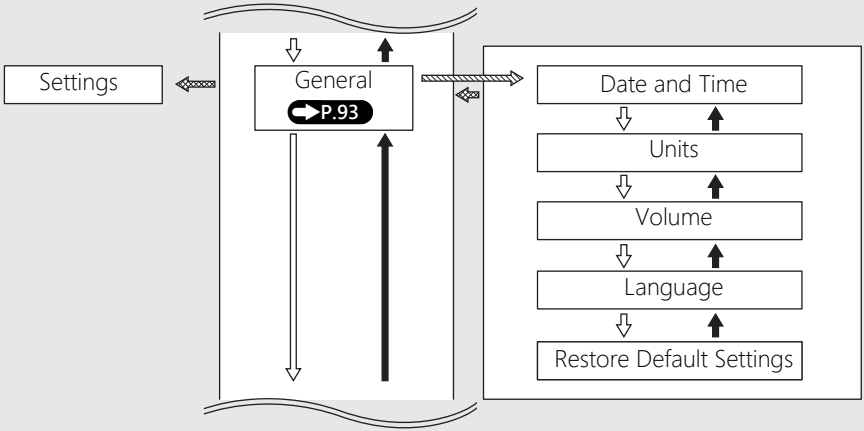
Press the sel down switch.

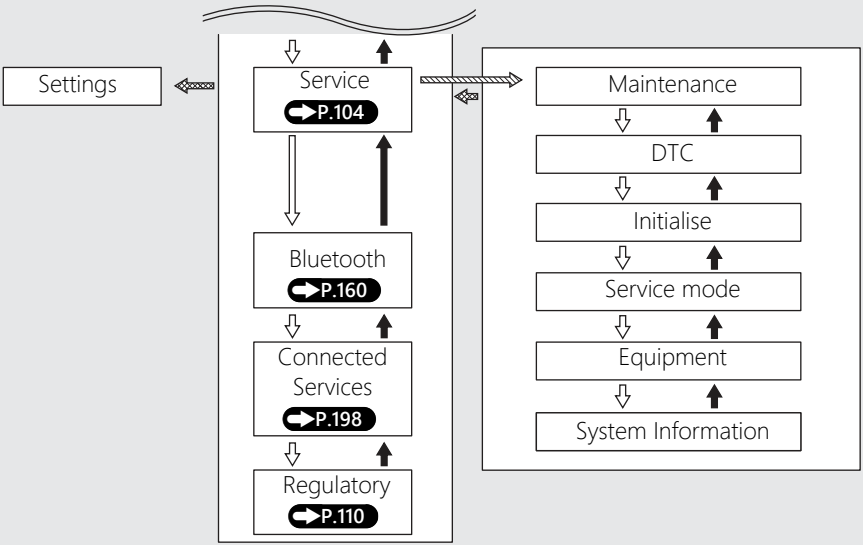


Press the **ENT** switch.
Press the back switch or touch the of the multi-information display.
Press the sel up switch.
Press the sel down switch.




Settings
Display
P.84
Display Mode
Brightness
Background
Favourite Information
Favourite Switch


Settings
General
P.93
Date and Time
Units
Volume
Language
Restore Default Settings


Settings
Service
P.104
Bluetooth
P.160
Connected Services
P.198
Regulatory
P.110
Maintenance
DTC
Initialise
Service mode
Equipment
System Information

## Function

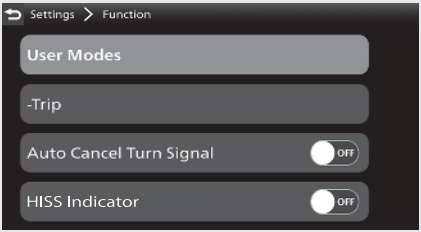
Following items can be changed sequentially.

- User Modes (this page)
- -Trip P.81
- Auto Cancel Turn Signal P.82
- HISS indicator P.83

### User Modes

You can change the [Power], [Engine Brake], [Overall][*1], [Front][*1], [Rear][*1], [ABS], [Preload][*1] values in [USER 1 MODE] and [USER 2 MODE].

[*1] : CRF1100A3/A4/D3/D4/DL4

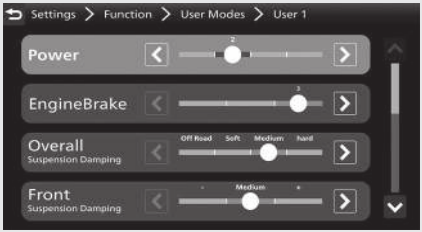


## Instruments *(Continued)*

1. Select [User Modes], and then press the ENT switch.
2. Select [User 1] or [User 2] using the ▲ sel up or ▼ sel down switch, and then press the ENT switch.




3. Press the ▲ sel up switch or ▼ sel down switch to select a setting menu.
4. Push the ◄ or ► of the ◄ ► sel left/right switch until the desired value is displayed.
   - ► Push and hold the ◄ or ► of the ◄ ► sel left/right switch to advance the figure fast.



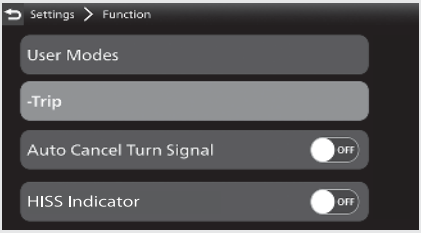

5. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Available settings:** P.147
**Default:** P.145

### -Trip

You can also adjust value of the subtraction trip [-TRIP].




1. Select [-Trip], and then press the ENT switch.
2. Select the digits using the ◀ or ▶ of the ◀ ▶ sel left/right switch.
3. To increase value: Press the ▲ sel up switch, until the desired value is displayed.
   To decrease value: Press the ▼ sel down switch, until the desired value is displayed.
   ▶ Press and hold the ▲ sel up switch or sel ▼ down switch to advance the figure fast.




4. Return to the riding information, previous screen or Home screen. P.42

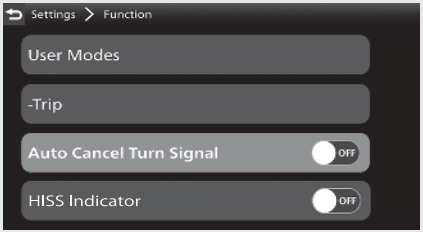
You can also perform the above settings by using the touch screen.

**Setting range:** 000 to 999
**Default:** 000

# Instruments *(Continued)*

## Auto Cancel Turn Signal

You can enable/disable turn signal automatic cancellation.



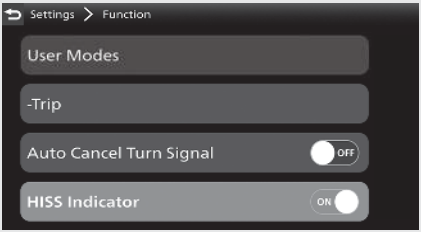

1. Select [Auto Cancel Turn Signal], and then press the ENT switch to [ON] (enable) or [OFF] (disable) the function.
2. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Available settings:** [ON]/[OFF]
**Default:** [ON]

### HISS Indicator

You can select the blink or off the HISS indicator.




1. Select [HISS Indicator], and then press the ENT switch to select [ON] (blink) or [OFF] (off) the function.
2. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Available settings:** [ON]/[OFF]
**Default:** [ON]

# Instruments *(Continued)*

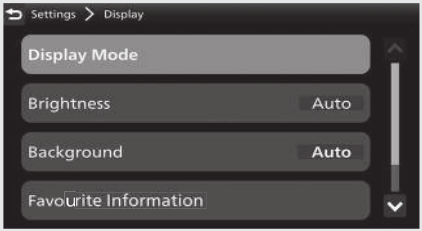
## Display

Following items can be changed sequentially.

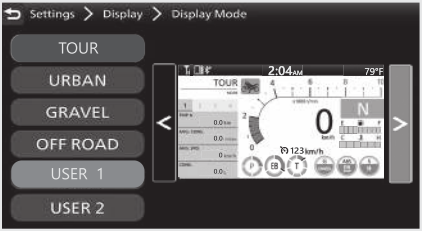
- Display Mode (this page)
- Brightness P.86
- Background P.87
- Favourite Information P.89
- Favourite Switch P.91

### Display Mode

You can select the riding information image.



1. Select [Display Mode], and then press the **ENT** switch.
2. Press the ▲ sel up switch or ▼ sel down switch to select a setting menu.
3. Push the ◀ or ▶ of the ◀ ▶ sel left/right switch to select your desired display.




4. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Available settings:** Gold image/Silver image/Bronze image

**Default:**

- [TOUR MODE]: Gold image
- [URBAN MODE]: Silver image
- [GRAVEL MODE]: Silver image
- [OFF ROAD MODE]: Bronze image
- [USER 1 MODE]: Silver image
- [USER 2 MODE]: Bronze image

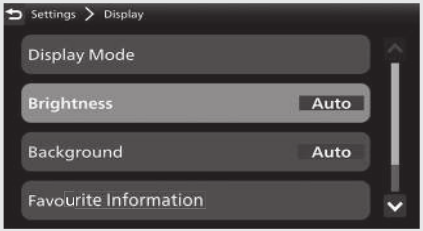
# Instruments *(Continued)*

## Brightness

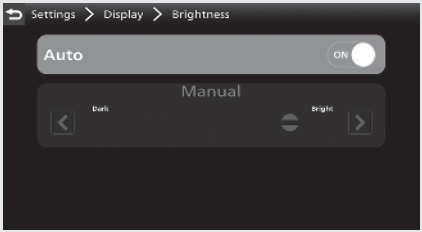
You can select the backlight brightness.

The display can become dark when the display is very hot. If it does not restore the original brightness, contact your dealer.

**Automatic Brightness Control:** P.344

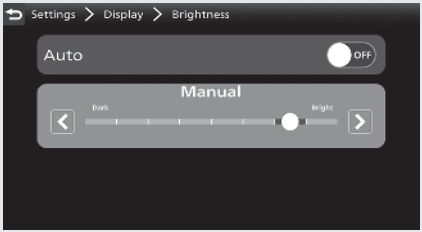



1. Select [Brightness], and then press the **ENT** switch.
2. Select [Auto], and then press the **ENT** switch to [ON] (auto) or [OFF] (manual) the function.



❸ If you select to [OFF] (manual) push the ◀ or ▶ of the ◀ ▶ sel left/right switch to select your preferred level.

► Push and hold the ◀ or ▶ of the ◀ ▶ sel left/right switch to advance the figure fast.




❹ Return to the riding information, previous screen or Home screen. P.42

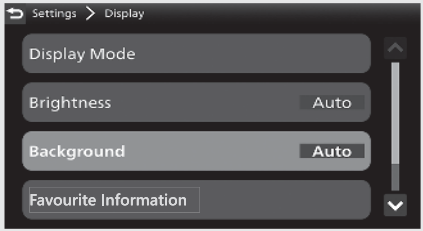
You can also perform the above settings by using the touch screen.

**Setting range:** Level 1 to 8 or [Auto]
**Default:** [Auto]

**Background**

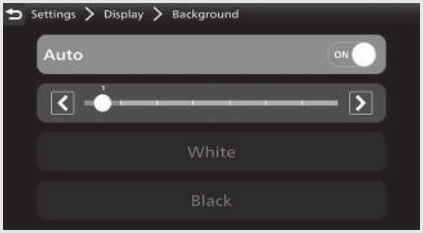
You can select the background.

**Automatic Background Control:** P.344

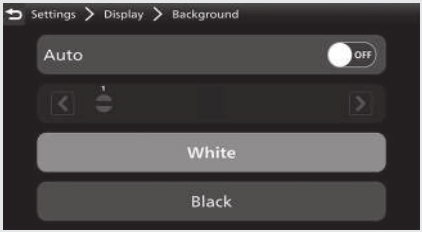


## Instruments *(Continued)*

1. Select [Background], and then press the ENT switch.
2. Select [Auto], and then press the ENT switch to [ON] (auto) or [OFF] (manual) the function.
3. If you select to [ON] (auto), push the ◀ or ▶ of the ◀ ▶ sel left/right switch to select your preferred level.
   - ▶ Push and hold the ◀ or ▶ of the ◀ ▶ sel left/right switch to advance the figure fast.




If you select to [OFF] (manual), press the ▲ sel up switch or ▼ sel down switch to select the [White] or [Black].




4. Return to the riding information, previous screen or Home screen. P.42

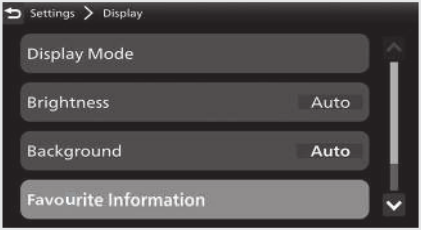
You can also perform the above settings by using the touch screen.

**Setting range:** Auto Level 1 to 7, White or Black
**Default:** Auto 1

**Favourite Information**

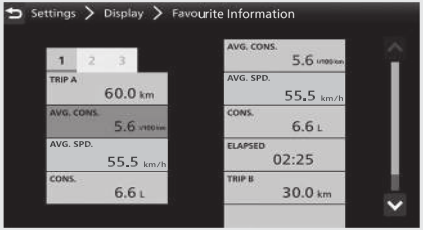
You can select the following:

- Page 1
  - Tripmeter A average fuel mileage [AVG. CONS.]
  - Tripmeter A average speed [AVG. SPD.]
  - Tripmeter A current fuel mileage [CONS.]
  - Tripmeter A elapsed [ELAPSED]
  - Tripmeter B [TRIP B]
  - Blank
- Page 2
  - Tripmeter B average fuel mileage [AVG. CONS.]
  - Tripmeter B average speed [AVG. SPD.]
  - Tripmeter B current fuel mileage [CONS.]
  - Tripmeter B elapsed [ELAPSED]
  - Blank
- Page 3
  - Current fuel mileage [INST. CONS.]
  - Available driving distance [RANGE]
  - Battery voltage [VOLTAGE]
  - Date [DATE]
  - Average fuel mileage [AVG. CONS.]
  - Fuel consumption [CONS.]
  - Elapsed time [ELAPSED]
  - Subtraction trip [-TRIP]
  - Blank

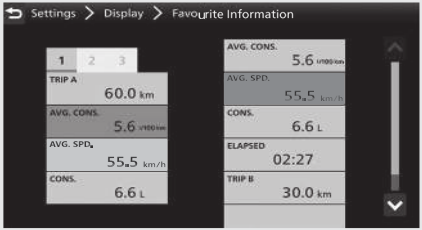


## Instruments *(Continued)*

1. Select [Favourite Information], and then press the **ENT** switch.
2. Push the ◀ or ▶ of the ◀ ▶ sel left/right switch until the desired page is displayed.
3. Press ▲ / ▼ to select the available choices, and then press the **ENT** switch.




4. Press ▲ / ▼ to select the available choices, and then press the **ENT** switch.



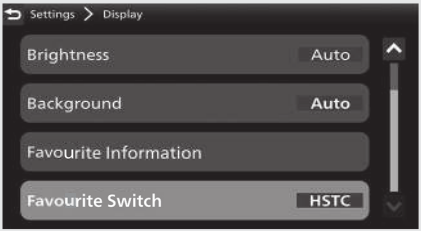

5. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Default:**

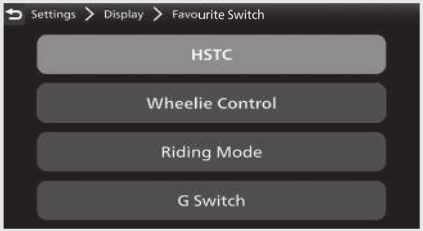
- Page 1
  - Tripmeter A average fuel mileage [AVG. CONS.]
  - Tripmeter A average speed [AVG. SPD.]
  - Tripmeter A current fuel mileage [CONS.]
- Page 2
  - Tripmeter B average fuel mileage [AVG. CONS.]
  - Tripmeter B average speed [AVG. SPD.]
  - Tripmeter B current fuel mileage [CONS.]
- Page 3
  - Current fuel mileage [INST. CONS.]
  - Available driving distance [RANGE]
  - Battery voltage [VOLTAGE]
  - Date [DATE]

**Favourite Switch**



## Instruments *(Continued)*

1. Select [Favourite Switch], and then press the ENT switch.
2. Press the ▲ sel up switch or ▼ sel down switch to select your desired mode.




3. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Available settings:** [HSTC]/ [Wheelie Control]/[Riding Mode]/ [G Switch] CRF1100D/D3/D4/DL4

**Default:** [HSTC]

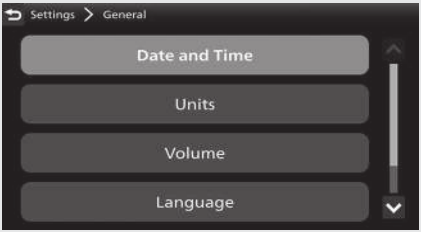
## General

Following items can be changed sequentially.

- Date and Time (this page)
- Units P.96
- Volume P.98
- Language P.100
- Restore Default Setting P.101

### Date and Time

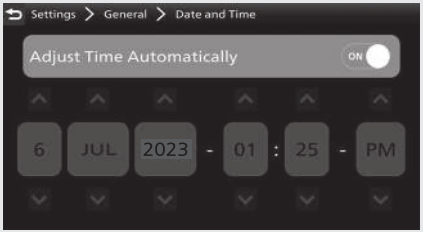
The multi-information display receives signals from GPS satellites and updates the date and time automatically.
You can also adjust the date and time manually.



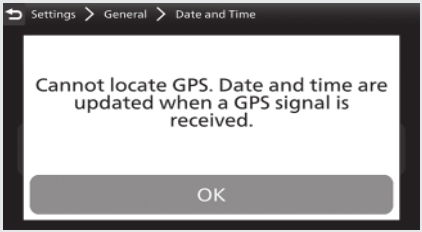
## Instruments *(Continued)*

To [ON] (auto) adjust time automatically function:

1. Select [Date and Time], and then press the **ENT** switch.
2. Select [Adjust Time Automatically], and then press the **ENT** switch to [ON] (auto) the function.




When GPS cannot be located. Read the notice message, and then press the **ENT** switch.




3. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

To adjust the clock manually:

1. Select [Date and Time], and then press the **ENT** switch.
2. Select [Adjust Time Automatically], and then press the **ENT** switch to [OFF] (manual) the function.




3. Press ◀ / ▶ on the sel ◀ ▶ left/right switch to select a day, month, year, hour, minute or time format section.
   - To advance the day, month, year, hour or minute: Press the ▲ sel up switch until the desired value is displayed.
     To delay the day, month, year, hour or minute: Press the ▼ sel down switch until the desired value is displayed.
     ▶ Press and hold the ▲ sel up switch or ▼ sel down switch to advance the figure fast.
   - To select the time format: Press the ▲ sel up switch or ▼ sel down switch until the desired time format is displayed.




4 Return to the riding information, previous screen or Home screen. P.42

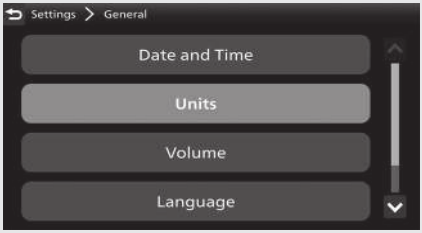
You can also perform the above settings by using the touch screen.

**Available settings:** [ON] (auto)/[OFF] (manual)
**Default:** [ON] (auto)

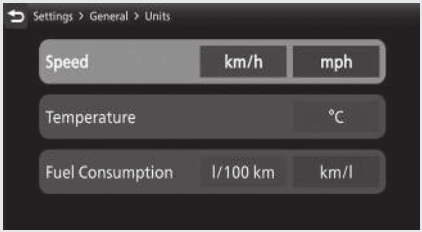
**Units**

You can change the following units.

- [Speed]: [km/h] or [mph]
- [Fuel Consumption]: [l/100 km] or [km/l]
  If the [mph] for speed is selected, the fuel mileage shown by [mpg] or [mile/L].



1. Select [Units], and then press the ENT switch.
2. Press the ▲ sel up switch or ▼ sel down switch to select a setting menu.
   ▶ "Temperature" is displayed but not usable.
3. Push the ◀ or ▶ of the ◀ ▶ sel left/right switch to select your desired unit.




4. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Available settings:**

- [Speed]: [km/h]/[mph]
- [Fuel Consumption]: [l/100 km]/[km/l]/[mpg]/[mile/L]

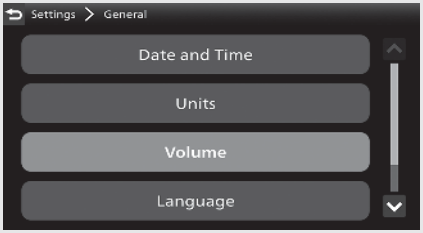
**Default:**

- [Speed]: [km/h]
- [Fuel Consumption]: [l/100 km]

# Instruments *(Continued)*

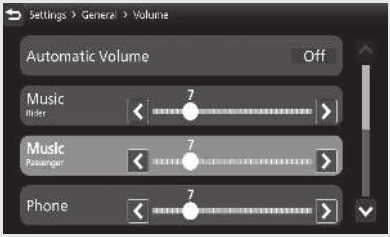
## Volume

Selects the volume setting to automatically increase volume from the headsets as the speed of the vehicle increases.

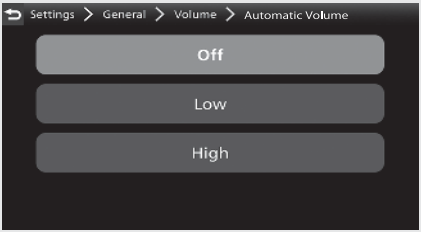



To [Off] (disable), [Low] or [High] automatic volume function:

1. Select [Volume], and then press the **ENT** switch.
2. Select [Automatic Volume], and then press the **ENT** switch.




3. Press the ▲ sel up switch or ▼ sel down switch to set your selection.




4 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Available settings:** [Off] (disable)/[Low]/[High]

**Default:** [Off] (disable)

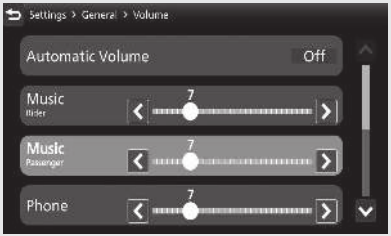
To adjust the volume:

1 Select [Volume], and then press the ENT switch.

2 Press the ▲ sel up switch or ▼ sel down switch to select a setting menu.

3 Push the ◀ or ▶ of the ◀ ▶ sel left/right switch to select your preferred level.

▶ Push and hold the ◀ or ▶ of the ◀ ▶ sel left/right switch to advance the figure fast.



4 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**VOLUME level range:**

Other than Microphone**:** Level 0 to 30

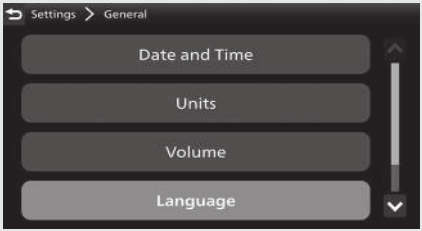
Microphone**:** Level 0 to 14

**Default:**

- Music (Rider): 7
- Music (Passenger): 7
- Phone: 7
- System: 7
- Ringtone: 7
- Voice: 7
- CarPlay: 7
- Android Auto™: 7
- Microphone: 7

**Language**

Changes the system language.



1. Select [Language], and then press the **ENT** switch.
2. Press the ▲ sel up switch or ▼ sel down switch to select the display language that you want to use on the screen.




3. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

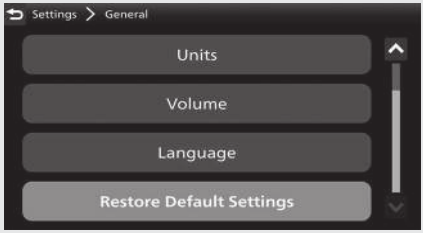
**Default:**

ED, II ED, III ED type [UK English]

GS, III GS type [US English]

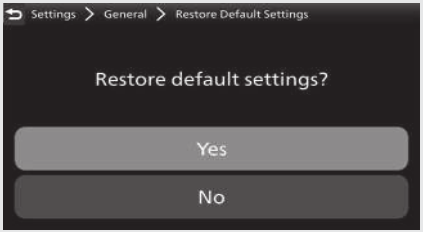
**Restore Default Settings**

The set values can be returned to default settings.

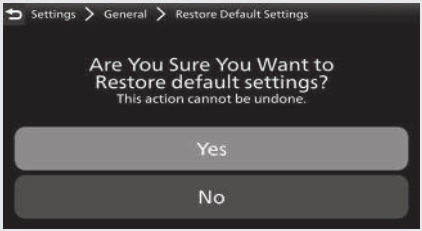



1. Select [Restore Default Settings], and then press the **ENT** switch.

2. Select [No] (not restore) or [Yes] (restore) using the ▲ sel up or ▼ sel down switch.
3. When [No] is selected
   Press the **ENT** switch.
   The set value is maintained, and then the display returns to the [General] menu screen.
   When [Yes] is selected
   Press the **ENT** switch.
   The display changes to the confirmation screen.




4. Select [No] (not restore) or [Yes] (restore) using the ▲ sel up or ▼ sel down switch on the confirmation screen.
5. When [No] is selected
   Press the **ENT** switch.
   The set value is maintained, and then the display returns to the [General] menu screen.
   When [Yes] is selected
   Press the **ENT** switch.
   The set value return to default setting, and then the display returns to the [General] menu screen.



6 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Default setting values:**

- -TRIP: 000
- Display mode:
  - ▶ [TOUR MODE]: Gold image
  - ▶ [URBAN MODE]: Silver image
  - ▶ [GRAVEL MODE]: Silver image
  - ▶ [OFF ROAD MODE]: Bronze image
  - ▶ [USER 1 MODE]: Silver image
  - ▶ [USER 2 MODE]: Bronze image
- Brightness: Auto
- Background: Auto 1
- Favourite information:
  - ▶ Page 1:
    - Tripmeter A average fuel mileage [AVG. CONS.]
    - Tripmeter A average speed [AVG. SPD.]
    - Tripmeter A current fuel mileage [CONS.]
  - ▶ Page 2:
    - Tripmeter B average fuel mileage [AVG. CONS.]
    - Tripmeter B average speed [AVG. SPD.]
    - Tripmeter B current fuel mileage [CONS.]
  - ▶ Page 3:
    - Current fuel mileage [INST. CONS.]
    - Available driving distance [RANGE]
    - Battery voltage [VOLTAGE]
    - Date [DATE]

## Instruments *(Continued)*

- Favourite switch: [HSTC]
- Automatic Volume: [OFF]
- Periodic Maintenance:
  - Distance: "-----"
  - Date: "----/---"
- Oil Change:
  - Distance: "-----"
  - Date: "----/---"
- Delete the *Bluetooth*® paired device

### Service

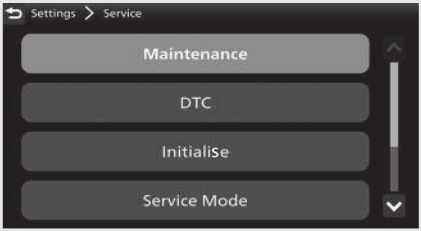
Following items can be changed sequentially.

- Maintenance P.105
- DTC P.107
- Initialise P.108
- Service mode P.109
- Equipment P.110
- System Information P.110

**Maintenance**

You can check the next periodic inspection time and next engine oil change.

You can change the setting of the next periodic inspection and next engine oil change.




1. Select [Maintenance], and then press the **ENT** switch.
2. Press the ▲ sel up switch or ▼ sel down switch to select a setting menu, and then press the **ENT** switch.




3. Press ◄ or ► of the ◄ ► sel left/right switch to select a distance, month or year section.

- To advance the distance, month or year: Press the ▲ sel up switch until the desired value is displayed.
  To delay the distance, month or year: Press the ▼ sel down switch until the desired value is displayed.
  - ▶ Press and hold the ▲ sel up switch or ▼ sel down switch to advance the figure fast.




4 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Setting range:**

- Periodic Maintenance:
  - Distance: 100 to 12,000 km or 100 to 8,000 mile
  - Date: 2000/JAN to 2099/DEC
- Oil Change:
  - Distance: 100 to 12,000 km or 100 to 8,000 mile
  - Date: 2000/JAN to 2099/DEC

**Default:**

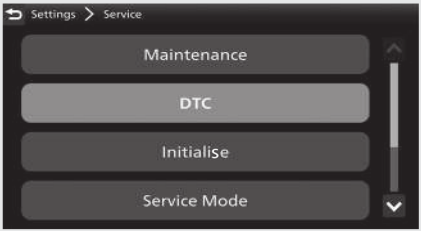
- Periodic Maintenance:
  - Distance: "-----"
  - Date: "----/---"
- Oil Change:
  - Distance: "-----"
  - Date: "----/---"

**DTC**

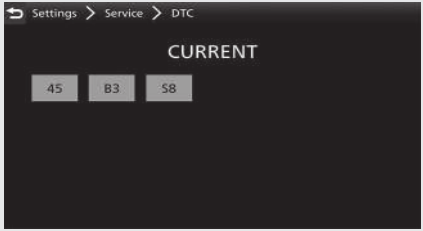
You can check for a current problem with the PGM-FI system.

If your vehicle has problem, DTC index is displayed.

Reduce speed and have your vehicle inspected by your dealer as soon as possible.




1. Select [DTC], and then press the **ENT** switch.



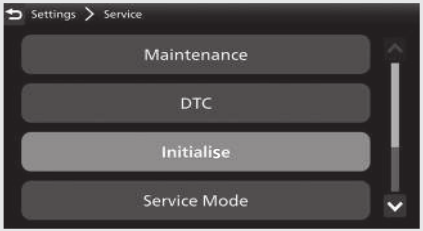

2. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

# Instruments *(Continued)*

## Initialise

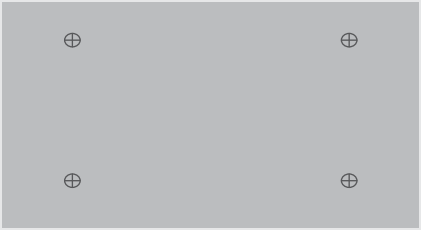
You can calibrate of the touch screen.




1. Select [Initialise], and then press the **ENT** switch.
2. Select [Touchscreen Calibration], and then press the **ENT** switch.



3 Touch the centre on each of the four crosses.
► The screen flashes green when calibration is complete.
If calibration fails, the screen flashes red. Try step 3 again.

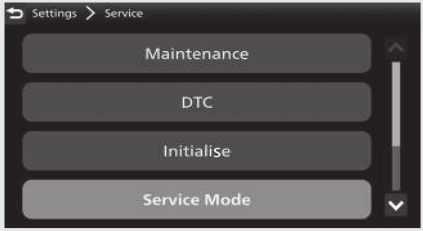


4 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**Service Mode**

The DRL and cornering light (CRF1100A4/D4/DL4) can be turned on when the vehicle is stopped for inspection.




1 Start the engine. P.222
2 Stop the vehicle.
3 Select [Service Mode], and then press the ENT switch.

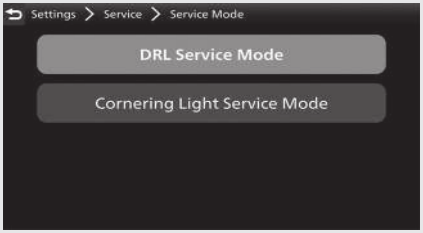
4 CRF1100A4/D4/DL4

Press the ▲ sel up switch or ▼ sel down switch to select a menu.

5 Press the **ENT** switch.

The light of the selected menu lights up.

► The service mode will automatically stop in 5 minutes.




6 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

### Equipment

This menu cannot be selected.

### System Information

Shows various information of the multi-information display.

- [Software Version]
- [Software update]: Cannot be selected.
- [Hardware Information]
- [GPS Reception Status]
- [EULAs]
- [Copyright and Acknowledgements]

### Regulatory

Shows regulatory information of the multi-information display.

## Pop-up information

In the following cases, pop-up information is displayed at the bottom of the multi-information display.

- Maintenance information:
  When the inspection time of your vehicle is approaching.

**Maintenance information**

| Indication | Explanation | Remedy |
|---|---|---|
|  | When the periodic inspection time of your vehicle is approaching | Have your vehicle inspected by your dealer. |
|  | When the oil change time of your vehicle is approaching | Change the engine oil. |

# Indicators

If one of these indicators does not come on when it should, have your dealer check for problems.



**High coolant temperature indicator**

Comes on briefly when the ignition switch is turned to the | (On) position.

**If it comes on while riding:** P.310




**Left turn signal indicator**

**PGM-FI (Programmed Fuel Injection) malfunction indicator lamp (MIL)**

Comes on briefly when the ignition switch is turned to the | (On) position.

GS, III GS type

**If it comes on while engine is running:** P.312

ED, II ED, III ED type

**If it comes on or flashes while engine is running:** P.312

**Torque Control indicator**

- Comes on when the ignition switch is turned to the | (On) position. Goes off when your speed reaches approximately 5 km/h (3 mph) to indicate Torque Control is ready to work.
- Blinks when Torque Control is operating.

**If it comes on while riding:** P.314

**Torque Control OFF Indicator**

- Comes on when the Torque Control is turned Off.

**Right turn signal indicator**

**High beam indicator**

**DRL indicator** P.240

## Indicators *(Continued)*

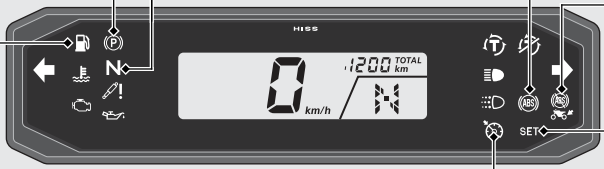
**Ⓟ Parking brake indicator**

CRF1100D/D3/D4/DL4

Lights as a reminder that you have not released the parking brake lever.

**N Neutral indicator**

Comes on when the transmission is in Neutral.




**Low fuel indicator**

- Comes on briefly when the ignition switch is turned to the | (On) position.
- Comes on when there is only reserve fuel left in the fuel tank. Remaining fuel when low fuel indicator comes on:
  Approximately 3.6 L (0.95 US gal, 0.79 Imp gal) CRF1100A/A3/D/D3
  Approximately 3.9 L (1.03 US gal, 0.86 Imp gal) CRF1100A4/D4/DL4

**If the indicator comes on and the fuel gauge indicator flashes:** ➡P.316

**(ABS) ABS (Anti-lock Brake System) indicator**

- Comes on when the ignition switch is turned to the | (On) position.
- Goes off when your speed reaches approximately 10 km/h (6 mph).

**If it comes on while riding:** P.313

**Rear ABS (Anti-lock Brake System) OFF Indicator**

- Comes on briefly when the ignition switch is turned to the | (On) position.
- Comes on when the ABS function on the rear wheel is turned off. P.124

**SET Cruise control SET indicator**

Comes on if you have set a speed for cruise control.

**Cruise Control:** P.233

**Cruise control main indicator**

Comes on when you press cruise control main switch.

**Cruise Control:** P.233

## Indicators *(Continued)*

**Suspension indicator** CRF1100A3/A4/D3/D4/DL4

- Comes on when the suspension initialisation is waiting.
- Stop your vehicle and wait for a few seconds until the indicator turns off.
  If indicator dose not turn off, contact your dealer.




**Low oil pressure indicator**

- Comes on when the ignition switch is turned to the | (On) position.
- Goes off when the engine starts.

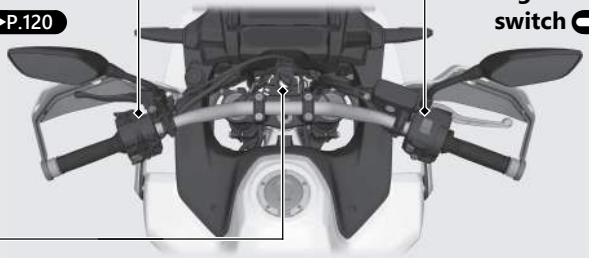
**If it comes on while engine is running:** P.311

**HISS indicator** P.342

- Comes on briefly when the ignition switch is turned to the | (On) position. Goes off if the ignition key has the correct coding.
- Flashes every 2 seconds for 24 hours when the ignition switch is turned to the ○ (Off) position.

# Switches



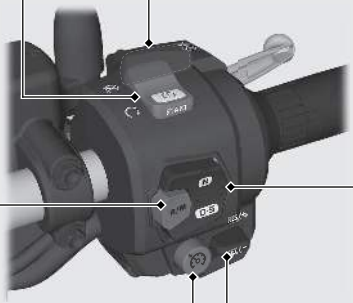



**Ignition switch**
Switches the electrical system on/off, locks the steering.

► Key can be removed when in the ○ (Off) or 🔒 (Lock) position.

**Steering Lock:** P.123

## Right handlebar switch



**Engine stop switch/ START button**
Should normally remain in the (Run) position.
- In an emergency, switch to the (Stop) position to stop the engine.
- To start the engine. P.222

**Function sel switch**
Press to display the pop-up information on the multi-information display.

**AT/MT switch**
CRF1100D/D3/D4/DL4
To shift between the AT MODE and MT MODE. P.230

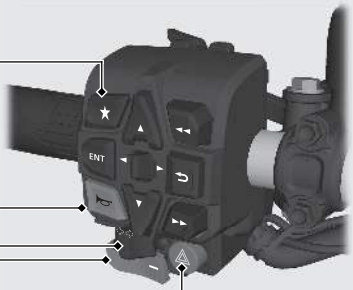
**N-D switch**
CRF1100D/D3/D4/DL4
To shift between Neutral and AT MODE. P.230

**Cruise control main switch**
Press to activate the cruise control system. P.233

**RES / + SET / - Cruise control lever**
Push up or down to set the speed or adjust the set speed. P.235

# Switches *(Continued)*

## Left handlebar switch




### ★ Favourite switch

Favourite switch can be assigned to the HSTC switch, wheelie control switch, riding mode switch or G switch CRF1100D/D3/D4/DL4. P.91

### Horn button

### Turn signal switch

The turn signal will automatically stop when you complete the turn. (You can manually cancel the lights by pressing the switch in.) When used for a lane change, the turn signal will automatically stop in 7 seconds or after riding 120 m (131 yards). In some cases, the timing at which the turn signal stops could be less or more. Always use the recommended tyres to ensure correct automatic cancellation operation.

### Shift down switch (-)

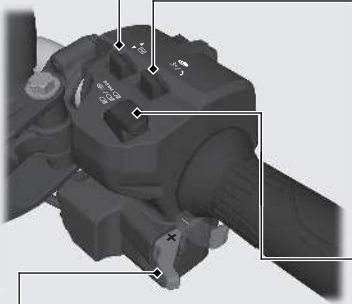
CRF1100D/D3/D4/DL4

To shift down the gear. P.232

### Hazard switch

Switchable when the ignition switch is turned to the | (On) position. Can be turned to off regardless of the ignition switch position.

▶ The signals continue flashing with the ignition switch in ○ (Off) or 🔒 (Lock) after the hazard switch is on.



### Function lever

- Push forward or pull backward to adjust the audio system volume. P.157
- Push forward to select the [AUTO] of DRL or pull backward to select [Dismiss] for DRL. P.240
- Push forward or pull backward to adjust the grip heater level. P.133

### Voice control switch / Page switch

- Push forward to receive, reject or end a call. P.192
- Push forward to start Siri or voice search when Apple CarPlay or Android Auto™ is available. P.207 P.221
- Pull backward and hold to go to the Home screen, Apple CarPlay screen or Android Auto™ screen. P.40
- Pull backward to return to the riding information or audio screen. P.42

### Headlight dimmer/Passing light control switch

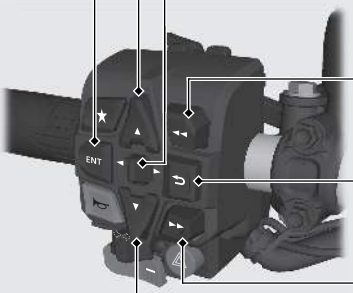
- : High beam
- : DRL auto or off (low beam) P.240
- PASS : Flashes the high beam headlight.

### Shift up switch (+)

CRF1100D/D3/D4/DL4

To shift up the gear. P.232

## Switches *(Continued)*




**ENT switch**
Press to set your selection. P.41

**▲ Sel up switch**
Press the sel up switch to select the available choices. P.41

**◀ ▶ Sel left/right switch**
Press the ◀ ▶ sel left/right switch in the ◀ / ▶ directions to select the available choices. P.41

**◀◀ Goes back switch**
Goes back to the beginning of the current or previous song or to move rapidly within a track. P.181

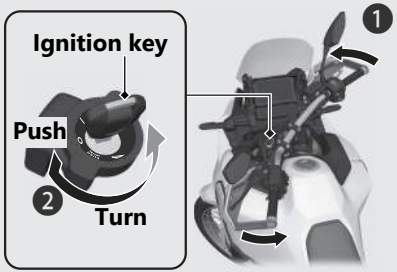
**↩ Back switch**
Press to return to the previous screen. P.42

**▶▶ Skip switch**
Skips to the next song or to move rapidly within a track. P.181

**▼ Sel down switch**
Press the sel down switch to select the available choices. P.41

## Steering Lock

Lock the steering when parking to help prevent theft.
A U-shaped wheel lock or similar device is also recommended.




### Locking

1. Turn the handlebar all the way to the left.
2. Push the key down, and turn the ignition switch to the (Lock) position.
   - ► Jiggle the handlebar if the lock is difficult to engage.
3. Remove the key.

### Unlocking

Insert the key, push it in, and turn the ignition switch to the (Off) position.

# ABS function on the rear wheel



The ABS function on the rear wheel can be optionally turned off for off-road riding.
You can turn off the rear wheel ABS function in [OFF ROAD MODE], [USER 1 MODE] or [USER 2 MODE].

- ▶ Each time the ignition switch is turned to the ▌(On) position, the ABS function on both wheels will automatically be turned on [ACTIVE], but the ABS will maintain the rear wheel [CANCEL] off-function when engine stopped by using the engine stop switch.
- ▶ Select [ON ROAD] of ABS mode [ABS], the ABS function on both wheels [ABS RR] will automatically be turned on [ACTIVE].
- ▶ When changing the riding mode, the ABS function on both wheels will automatically be turned on [ACTIVE].

**To turn off the ABS function on the rear wheel**

1. Stop the vehicle and close the throttle completely.
2. Select [OFF ROAD MODE], [USER 1 MODE] or [USER 2 MODE] mode of riding mode. P.149
   If [USER 1 MODE] or [USER 2 MODE] is selected, select [OFF ROAD] for ABS mode [ABS]. P.79
3. Select the gold image display. P.84
4. Select page 4. P.47

5. Press the ENT switch.
6. Select [ABS RR].
7. Press ◀ on the ◀ ▶ sel left/right switch to select [CANCEL] (off).




8. Read the notice message.
9. Select [Yes], and then press the ENT switch.




10. Press the ⮌ back switch.
    - ▶ The rear ABS OFF indicator is on, when the ABS function on the rear wheel [ABS RR] is turned [CANCEL] (off).

You can also perform the above settings by using the touch screen.

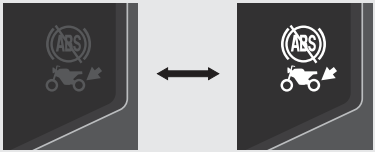
## ABS function on the rear wheel *(Continued)*

### To turn on the ABS function on both wheels

1. Stop the vehicle and close the throttle completely.
2. Select the gold image display. P.84
3. Select page 4. P.47
4. Press the ENT switch.
5. Select [ABS RR].
6. Press ▶ on the ◀ ▶ sel left/right switch to select [ACTIVE] (on).
   - ▶ The rear ABS OFF indicator flashes several times, and then off, when the ABS function on the rear wheel [ABS RR] is turned on [ACTIVE].



❼ Press the back switch.
You can also perform the above settings by using the touch screen.



**When the gold image is selected:**




**ABS function on both wheels is [ACTIVE] (on).**

**ABS function on rear wheel is [CANCEL] (off).**

**Available settings:** [ACTIVE]/[CANCEL]
**Default:** [ACTIVE]

# G switch

CRF1100D/D3/D4/DL4

The G switch can change the engine characteristics of your vehicle to help improve traction and machine control for off-road riding by reducing the amount of clutch slip during throttle operation.

▶ Other than USER 1 and USER 2 MODE
Each time the ignition switch is turned to the ❙ (On) position, the G switch [G] will automatically be set to default setting.
USER 1 and USER 2 MODE
The G switch [G] setting will be maintained even if the ignition switch is turned to the ○ (Off) position.

▶ The G switch [G] may not compensate for rough road conditions.
Always consider road and weather conditions, as well as your skills and condition, when applying throttle.

**G switch on or off**

● When using the ★ favourite switch.

1. Stop the vehicle and close the throttle completely.
2. Select [G Switch] of the ★ favourite switch. ➡P.91
3. Press the ★ favourite switch.



● When using the multi-information display:

1. Stop the vehicle and close the throttle completely.
2. Select the gold image display. P.84
3. Select page 4. P.47
4. Press the ENT switch.
5. Select [G].
6. Press ◀ on the ◀ ▶ sel left/right switch to select [CANCEL] (off).
   Press ▶ on the ◀ ▶ sel left/right switch to select [ACTIVE] (on).

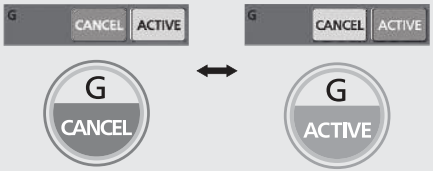



7. Press the ↩ back switch.

You can also perform the above settings by using the touch screen.

## G switch *(Continued)*

**When the gold image is selected:**




**G switch [G] [CANCEL] (off)**

**G switch [G] [ACTIVE] (on)**

**Available settings:** [ACTIVE]/[CANCEL]

**Default:**

- [TOUR MODE]: [CANCEL]
- [URBAN MODE]: [CANCEL]
- [GRAVEL MODE]: [CANCEL]
- [OFF ROAD MODE]: [ACTIVE]
- [USER 1 MODE]: [CANCEL]
- [USER 2 MODE]: [CANCEL]

# Parking Brake

CRF1100D/D3/D4/DL4

### Parking Brake Lever

Be sure the parking brake is applied while parking and warming up the engine.

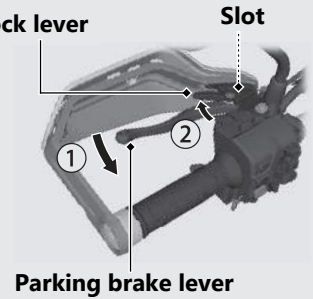
▶ Make sure the parking brake lever is released before riding.

To apply the parking brake

Squeeze the parking brake lever (①) fully then rotate the lock lever (②) clockwise until it engages the slot on the parking brake lever bracket back to lock the rear wheel.

▶ The parking brake lock will not function if the parking brake is not adjusted properly.

P.284




To release the parking brake

Squeeze the parking brake lever until the lock lever is released from the slot on the parking brake lever bracket.

▶ Before riding, check that the parking brake indicator is turned off and make sure that the parking brake is fully released so there is no drag on the rear wheel.

# Handle Grip Heater

CRF1100A3/A4/D3/D4/DL4

This vehicle is equipped with a handle grip heater that warms up your hands during ride. Wear gloves to protect your hands from the heated grips.

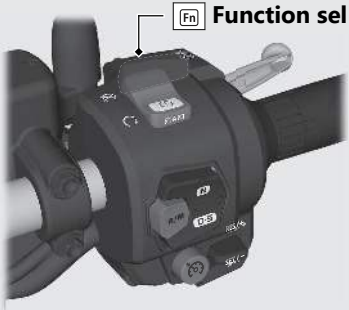



**Handle grip heater indicator:**
Comes on when the handle grip heater is on and indicates the selected heat level. The handle grip heater have 5 levels of heat to select.

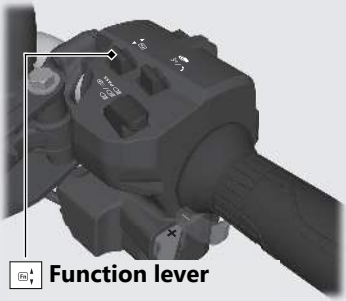
**Handle grip heater status icon:** P.134
Displayed when the handle grip heater is on.

## To operate handle grip heater

1. Start the engine. P.222
2. Select the handle grip heater display of pop-up information using the Fn function sel switch.




3. Push forward or pull backward the function lever to select the handle grip heater level.
   - The status icon will be appeared on the display when the handle grip heater operates.
   - Do not leave the handle grip heater in the high position for a long time on a warm day.



## Handle Grip Heater *(Continued)*

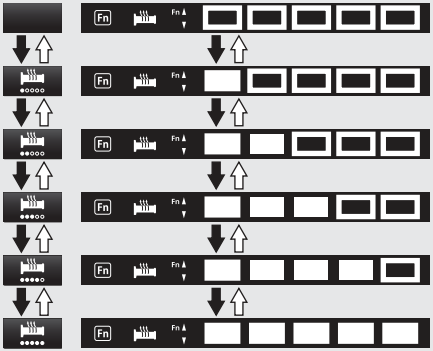
### To turn off handle grip heater

1. Select the handle grip heater display of pop-up information using the Fn function sel switch.
2. Pull backward the function lever several times to select the handle grip heater off.

Do not use the handle grip heater with the engine at idle for a long time. It may result in a low (or dead) battery.

Maintains the selected level when the ignition switch is turned to the ○ (Off) position.

▶ The heater level is not changed if the ignition switch is turned to the ○ (Off) position within 5 seconds after heater level changed.



**No indication (Off)**

**Level 1** lowest temperature

**Level 2**

**Level 3**

**Level 4**

**Level 5** highest temperature

**Push forward the function lever**

**Pull backward the function lever**

# Honda Selectable Torque Control

Torque Control level (engine power control) can be selected or turned on/off.

▶ Do not change the Torque Control level while riding.
Stop the vehicle first, turn the Torque Control off or on and select the desired level.

▶ The Torque Control setting cannot be changed or turned off when the system is activated (Torque Control indicator flashing).

▶ In the following cases, the Torque Control will be turned on and the specific Torque Control level will automatically be set as below.

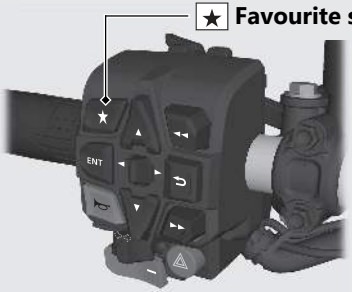
- Each time the ignition switch is turned to the ❙ (On) position, the Torque Control level will automatically be set to level it was set to. However, if the level was set to [0] (off), it will become level 1.

▶ When the Torque Control is turned from the [0] (off) position to the on position, it will automatically be set to level of before turning off the Torque Control.

# Honda Selectable Torque Control *(Continued)*

## Torque Control level setting

- When using the ★ favourite switch:
  1. Stop the vehicle.
  2. Select the [HSTC] of the ★ favourite switch. P.91
  3. Press the ★ favourite switch.
     - 7: the maximum Torque Control level
     - 1: the minimum Torque Control level




- When using the multi-information display:
  1. Stop the vehicle.
  2. Select the gold image display. P.84
  3. Select page 4. P.47
  4. Press the ENT switch.
  5. Select [HSTC].
  6. Push the ◀ or ▶ of the ◀ ▶ sel left/right switch to select your preferred level.



7 Press the ⮌ back switch.
You can also perform the above settings by using the touch screen.

**Torque Control on and off**

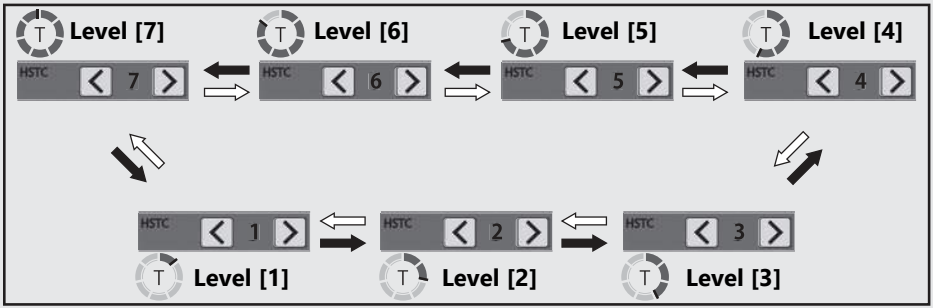
1 Stop the vehicle.
2 Select the gold image display. P.84
3 Select page 4. P.47
4 Press the ENT switch.
5 Select [HSTC].
6 Press and hold ◀ on the ◀ ▶ sel left/ right switch to set the [0] (off).
Press and hold ▶ on the ◀ ▶ sel left/ right switch to set to level of before turning [0] (off) the Torque Control.




7 Press the ⮌ back switch.
You can also perform the above settings by using the touch screen.

**Setting range:** Level 1 to 7 or 0 (Off)

## Honda Selectable Torque Control *(Continued)*



# Wheelie Control

Wheelie Control level [W] can be selected or turned on/off.

▶ Do not change the wheelie control level [W] while riding.
Stop the vehicle first, then select the wheelie control level [W].

▶ In the following cases, the wheelie control [W] will be turned on and the specific wheelie control level [W] will automatically be set as below.

- Each time the ignition switch is turned to the ❙ (On) position, the wheelie control level [W] will automatically be set to level it was set to before. However, if the level was set to 0 (off), it will automatically be set to level before turning off the wheelie control level [W].

▶ When the wheelie control [W] is turned from the [0] (off) position to the on position, it will automatically be set to the level before turning off the wheelie control [W].

## Wheelie Control *(Continued)*

### Wheelie Control Level setting

- When using the ★ favourite switch:
  1. Stop the vehicle.
  2. Select the [Wheelie Control]] of the ★ favourite switch. P.91
  3. Press the ★ favourite switch.
     - ▶ 3: the maximum wheelie control level [W]
     - ▶ 1: the minimum wheelie control level [W]




- When using the multi-information display:
  1. Stop the vehicle.
  2. Select the gold image display. P.84
  3. Select page 4. P.47
  4. Press the ENT switch.
  5. Select [W].
  6. Push the ◀ or ▶ of the ◀ ▶ sel left/right switch to select your preferred level.



7 Press the ⮌ back switch.
You can also perform the above settings by using the touch screen.

### Wheelie Control on and off

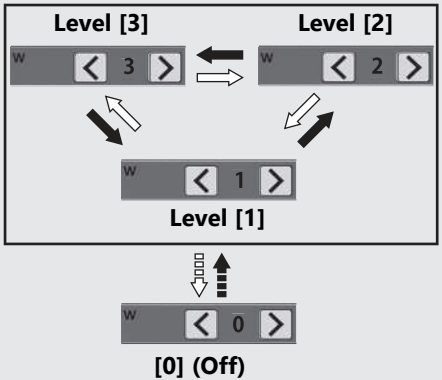
1 Stop the vehicle.
2 Select the gold image display. ➡P.84
3 Select page 4. ➡P.47
4 Press the ENT switch.
5 Select [W].
6 Press and hold ◀ on the ◀ ▶ sel left/ right switch to set the [0] (off).
Press and hold ▶ on the ◀ ▶ sel left/ right switch to set to level of before turning [0] (off) the wheelie control.




7 Press the ⮌ back switch.
You can also perform the above settings by using the touch screen.

**Setting range:** Level 1 to 3 or 0 (Off)

## Wheelie Control *(Continued)*




**[0] (Off)**

**Push ▶ on the ◀ ▶ sel left/right switch**

**Push ◀ on the ◀ ▶ sel left/right switch or press the ★ favourite switch**

**Push and hold ▶ on the ◀ ▶ sel left/right switch**

**Push and hold ◀ on the ◀ ▶ sel left/right switch**

# Riding mode

You can change the riding mode.
The riding mode consists of the following parameters.

[P] Power: Engine output level
[EB] Engine brake: Engine brake level
[ABS] ABS mode:

- [OFF ROAD]: Off road mode
- [ON ROAD]: On road mode

CRF1100A3/A4/D3/D4/DL4

[S] [Overall]: Suspension damping
[Front]: Suspension damping
[Rear]: Suspension damping

CRF1100D/D3/D4/DL4

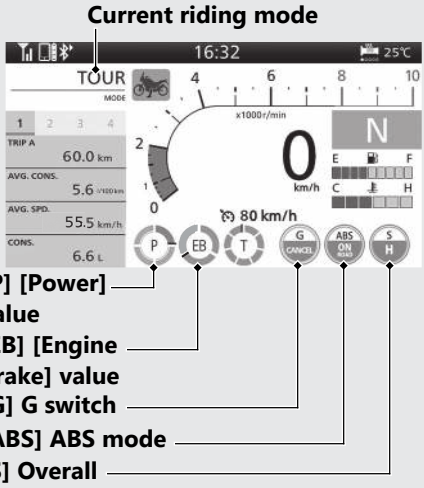
[G] G switch: P.128

CRF1100A3/A4/D3/D4/DL4

[PRELOAD] [Preload]: Rear suspension preload

- (Rider): Rider only (Minimum preload)
- (Rider+Cargo): Rider and luggage
- (Rider+Passenger): Rider and passenger
- (Rider+Passenger+Cargo): Rider, passenger and luggage (Maximum preload)

## Riding mode *(Continued)*




Riding mode has 6 modes.
Available riding modes: [TOUR MODE], [URBAN MODE], [GRAVEL MODE], [OFF ROAD MODE], [USER 1 MODE] and [USER 2 MODE]

[TOUR MODE], [URBAN MODE], [GRAVEL MODE] and [OFF ROAD MODE]

- ▶ **[TOUR MODE]**: Enables smooth acceleration even when riding with a passenger or a full load of luggage.
- ▶ **[URBAN MODE]**: Standard, all-round mode for a variety of situations.
- ▶ **[GRAVEL MODE]**: Good for stable riding on slippery surfaces such as dirt roads.
- ▶ **[OFF ROAD MODE]**: Suitable for enjoying off-road sports riding.

Each initial setting value cannot be changed.

**[USER 1 MODE]** and **[USER 2 MODE]**
Each initial setting value can be changed.

## Initial setting

| Riding modes | [P] [Power] value | [EB] [Engine Brake] value | Suspension damping | | | [ABS] ABS mode | [G] G switch *2 |
|---|---|---|---|---|---|---|---|
| | | | [S] [Overall] *1 | [Front] *1 | [Rear] *1 | | |
| [TOUR MODE] | 1 | 2 | H | Medium | Medium | ON ROAD | CANCEL*3 |
| [URBAN MODE] | 2 | 2 | M | Medium | Medium | ON ROAD | CANCEL*3 |
| [GRAVEL MODE] | 4 | 3 | S | Medium | Medium | OFF ROAD | CANCEL*3 |
| [OFF ROAD MODE] | 3 | 3 | O | Medium | Medium | OFF ROAD | ACTIVE*3 |
| [USER 1 MODE] | 2*3 | 2*3 | M*3 | Medium*3 | Medium*3 | ON ROAD*3 | CANCEL*3 |
| [USER 2 MODE] | 4*3 | 3*3 | S*3 | Medium*3 | Medium*3 | OFF ROAD*3 | CANCEL*3 |

Notes:
*1 : CRF1100A3/A4/D3/D4/DL4
*2 : CRF1100D/D3/D4/DL4
*3 : Value can be changed.

## Riding mode *(Continued)*

| Riding modes | [PRELOAD] [Preload] (Rider) *1 | [PRELOAD] [Preload] (Rider+Cargo) *1 | [PRELOAD] [Preload] (Rider+ Passenger) *1 | [PRELOAD] [Preload] (Rider+ Passenger+ Cargo) *1 |
|---|---|---|---|---|
| [TOUR MODE] | 5 | 10 | 15 | 20 |
| [URBAN MODE] | 5 | 10 | 15 | 20 |
| [GRAVEL MODE] | 5 | 10 | 15 | 20 |
| [OFF ROAD MODE] | 5 | 10 | 15 | 20 |
| [USER 1 MODE] | 5*2 | 10*2 | 15*2 | 20*2 |
| [USER 2 MODE] | 5*2 | 10*2 | 15*2 | 20*2 |

Notes:

*1 : CRF1100A3/A4/D3/D4/DL4

*2 : Value can be changed.

**[P] Power value (Engine output level)**

[P] Power value has four setting levels.

Available setting range: 1 to 4

▶ Level 1 has the maximum power.

▶ Level 4 has the minimum power.

**[EB] Engine brake value (Engine brake level)**

EB value has three setting levels.

Available setting range: 1 to 3

▶ Level 1 has the strongest engine braking effect.

▶ Level 3 has the weakest engine braking effect.

**[S] Overall: suspension damping**

CRF1100A3/A4/D3/D4/DL4

[S] Overall value has four setting levels.

Available setting range: [H] Hard / [M] Medium / [S] Soft / [O] Off Road

▶ [H] Hard has the maximum suspension damping.

▶ [S] Soft has the minimum suspension damping.

▶ [O] Off Road is for off road settings.

**[Front]: suspension damping**

CRF1100A3/A4/D3/D4/DL4

[Front] has three setting levels.

Available setting range: - / Medium / +

▶ + has the maximum suspension damping.

▶ - has the minimum suspension damping.

## Riding mode *(Continued)*

**[Rear]: suspension damping**

CRF1100A3/A4/D3/D4/DL4

[Rear] has three setting levels.

Available setting range: - / Medium / +

- ▶ + has the maximum suspension damping.
- ▶ - has the minimum suspension damping.

**ABS mode [ABS]**

ABS mode [ABS] has two setting levels.

Available setting range: [OFF ROAD] or [ON ROAD]

- ▶ [OFF ROAD] is for off road settings.
- ▶ [ON ROAD] is for on road settings.

**[G] G switch** P.128

CRF1100D/D3/D4/DL4

**[PRELOAD] [Preload] (Rider), (Rider +Cargo), (Rider+Passenger) and (Rider +Passenger+Cargo): rear suspension preload**

CRF1100A3/A4/D3/D4/DL4

[PRELOAD] [Preload] Preload has twenty four setting levels.

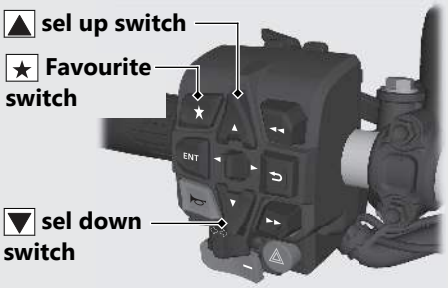
Available setting range: 1 to 24

- ▶ Level 24 has the maximum suspension preload.
- ▶ Level 1 has the minimum suspension preload.

**Selecting the riding mode**

When change the riding mode, the rear wheel ABS function [ABS RR] will automatically be set to [ACTIVE].

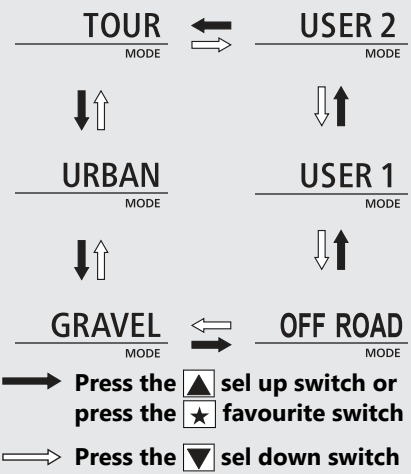
- When using the ▲ sel up switch and ▼ sel down switch:
  1. Press the ▲ sel up switch or ▼ sel down switch.




You can also perform the above settings by using the touch screen.

- When using the ★ favourite switch:
  1. Select the [Riding Mode] of the ★ favourite switch. P.91
  2. Press the ★ favourite switch.

## Riding mode *(Continued)*




**Setting the riding mode**

You can change the [P] [Power], [EB] [Engine Brake], [S] [Overall], [Front], [Rear], ABS mode [ABS] and [PRELOAD] [Preload] on the [USER 1 MODE] and [USER 2 MODE] of the riding mode. P.79

# Audio System

## About Your Audio System

This audio system can play audio files on *Bluetooth*® audio devices (mobile phone, digital audio player or equivalents).
The audio system can pair with *Bluetooth*® sound devices (speakers, headsets, communication devices or equivalents).

You can operate the audio system from the switches on the left handlebar and multi-information display. However, you cannot operate some functions by the touch screen while the vehicle is in motion.

- Local laws may prohibit the operation of handheld electronic devices while operating a vehicle.
- Only operate audio switches when safe to do so.
- Set the volume at a level that still allows horns and emergency vehicles to be heard.
- Some audio devices, iPhone, Android™ phone and *Bluetooth*® sound devices may not be compatible.
- We shall not be liable for any damages or trouble in the use of audio device.
- iPhone, iPad, iPad Air, iPad Mini, iPod, iPod touch, iPod classic, iPod shuffle and iPod nano are trademarks of Apple Inc.
- Google™ and Android Auto™ are trademarks of Google LLC.

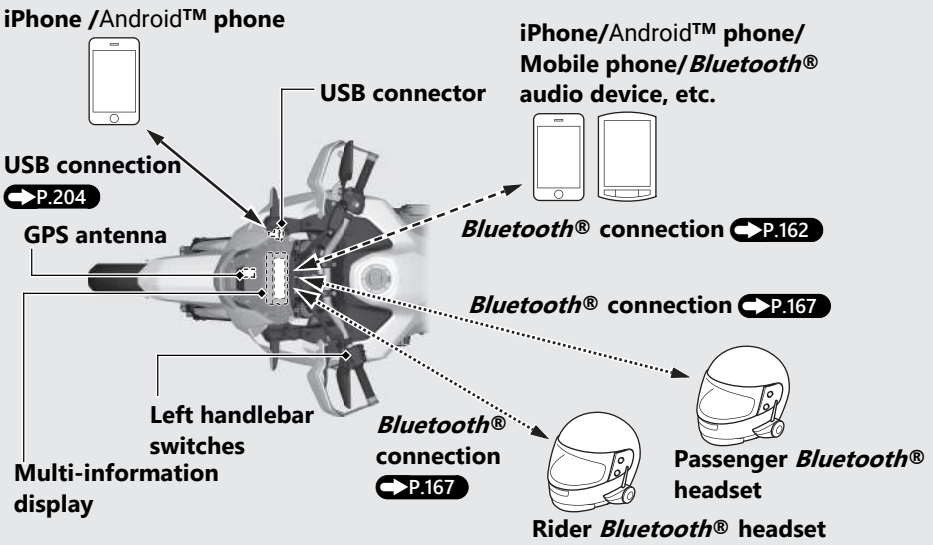
## Audio System *(Continued)*

### About *Bluetooth*® audio

- Only one *Bluetooth*® audio device and two *Bluetooth*® sound devices can be paired with the audio system at a time. When another device is paired, the information on the previously registered device is cancelled.
- If you receive a call to a paired phone while playing an audio, the paired phone may stop playing.
- When unable to connect your *Bluetooth*® device to the audio system or when sounds skip or noises mix while playing, change the storage location of the *Bluetooth*® device.

*Bluetooth*® Wireless Technology
The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Honda Motors Co., Ltd., is under license. Other trademarks and trade names are those of their respective owners.

**Audio System Location**



## Audio System *(Continued)*



**USB connection for Apple CarPlay/**Android Auto™



**Audio system supported profiles:**

- HFP ver. 1.5
- A2DP ver. 1.2
- AVRCP ver. 1.4
- PBAP ver. 1.0

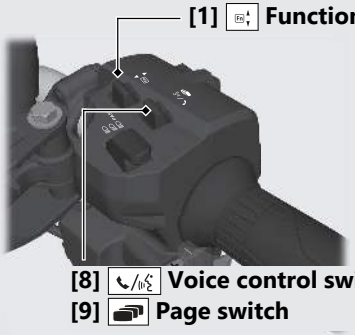


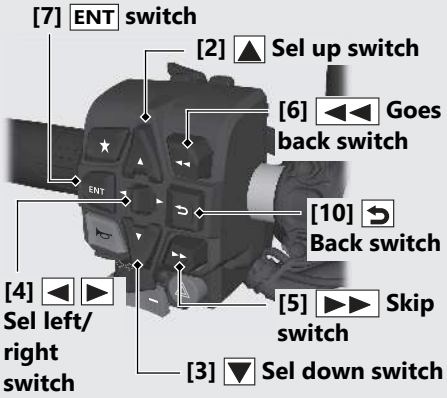
**Headset supported profiles:**

- HFP ver. 1.7
- A2DP ver. 1.2

## Basic Operations

You can operate and set the various functions of the audio system using the touch screen and/or switches on the left handlebar. However, you cannot operate some functions by the touch screen while the vehicle is in motion.



## Audio System *(Continued)*

[1] Function lever: Push forward or pull backward the lever to adjust the volume.
- To increase the volume: Push forward the lever.
- To decrease the volume: Pull backward the lever.
- To increase the volume rapidly: Push forward and hold the lever.
- To decrease the volume rapidly: Pull backward and hold the lever.

[2] Sel up switch: Press the switch to select a menu item.
[3] Sel down switch: Press the switch to select a menu item.
[4] sel left/right switch: Press the switch to select a menu item.
[5] Skip switch:
- To skip to the next song: Press the switch.
- To move rapidly within a track: Press and hold the switch.

[6] Goes back switch:
- To go back to the beginning of the current or previous song: Press the switch.
- To move rapidly within a track: Press and hold the switch

[7] **ENT** switch: Press to set your selection.
[8] Voice control switch:
- To receive or end a call: Push forward the switch.
- To reject a call: Push forward and hold the switch.
- To start Siri or voice search when Apple CarPlay or **Android Auto**™ is available: Push forward the switch.

[9] Page switch:
- To return to the riding information or audio screen: Pull backward the switch.
- To return to the home screen, Apple CarPlay screen or voice search screen: Pull backward and hold the switch.

[10] Back switch:
- To return to the previous screen: Press the switch.
- To return to the audio screen: Press and hold the switch.

### To Adjust the Volume

You can adjust the volume settings for the headsets.

The system has the following unique volume levels.

Adjust the volume while in the individual modes.

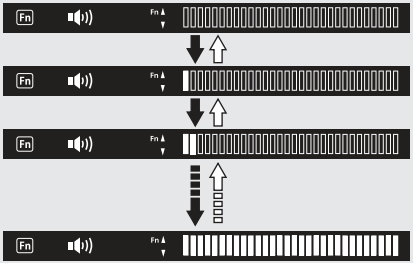
- [Music] Rider
- [Music] Passenger
- [Phone]
- [System]
- [Ringtone]
- [Voice]
- [CarPlay]
- [Android Auto]
- [Microphone]

Each volume can also be set from the menu.

P.98

## Audio System *(Continued)*

When you push forward or pull backward the [Fn] function lever, the volume control level appears on the pop-up information.



Push forward the [Fn] function lever

Pull backward the [Fn] function lever

To increase the volume: push forward the [Fn] function lever.

► To increase the volume rapidly, push forward and hold the [Fn] function lever.

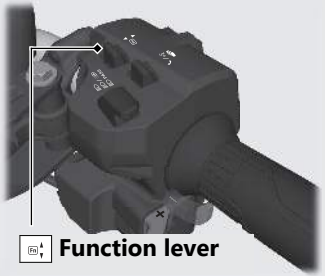
To decrease the volume: pull backward the [Fn] function lever.

► To decrease the volume rapidly, pull backward and hold the [Fn] function lever.

**Volume level range:**

Other than Microphone**:** Level 0 to 30

Microphone**:** Level 0 to 14



[Fn] **Function lever**

### Automatic Volume

Selects the volume setting to automatically increase volume from the headsets as the speed of the vehicle increases.

**To select the Automatic Volume:**

P.98

**Available settings:** [Off]/[Low]/[High]

**Default:** [Off]

## ***Bluetooth*® Setting**

You can connect with your *Bluetooth*® audio device (mobile phone, digital audio player or equivalents) and *Bluetooth*® headsets via *Bluetooth*®.

Available devices are as follows:

- [Phone Pairing] (For *Bluetooth*® audio device) P.162
- [Headset Pairing] (For rider headset and passenger headset) P.167

**Supported *Bluetooth*® version/profiles**

| | |
|---|---|
| *Bluetooth*® version | Bluetooth 2.1 + EDR |
| *Bluetooth*® profiles (For iPhone, **Android**™ phone, mobile phone or *Bluetooth*® device) | HFP (Hand Free Profile) ver. 1.5 |
| | A2DP (Advanced Audio Distribution Profile) ver. 1.2 |
| | AVRCP (Audio/Video Remote Control Profile) ver. 1.4 |
| | PBAP (Phone Book Access Profile) ver. 1.0 |
| *Bluetooth*® profiles (For rider and passenger headsets) | HFP (Hand Free Profile) ver. 1.7 |
| | A2DP (Advanced Audio Distribution Profile) ver. 1.2 |

- You cannot pair a *Bluetooth*® device and *Bluetooth*® headsets while the vehicle is moving. When pairing, park your vehicle in a safe place.
- *Bluetooth*® connection cannot be established while launching Apple CarPlay.
- Your vehicle is not equipped with an intercom function. If you want to use the intercom function, use the intercom function of your headset.
- Some local governments prohibit the use of a headset by the operator of a motor vehicle. Always obey applicable laws and regulations.

# Audio System *(Continued)*

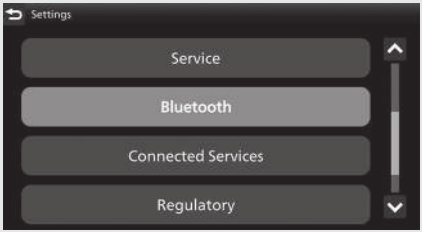
## Phone Pairing

You can establish a *Bluetooth*® connection in two ways.

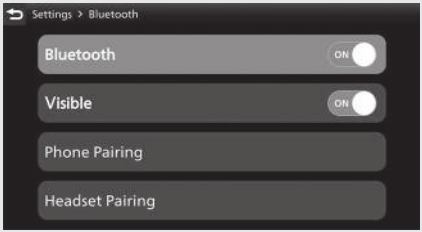
- [Visible]: Search from the device.
- [Phone Pairing]: Search from the system.

This function is disabled while the vehicle is in motion.

1. Enable the *Bluetooth*® function on your device.
   - ► For details, refer to the instruction manual of your device.
2. Select [Bluetooth], and then press the **ENT** switch.

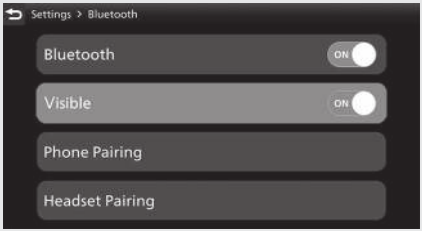


❸ Select [Bluetooth], and then press the **ENT** switch to [ON] (enable) the function.




**[Visible]**

❹ Select [Visible], and then press the **ENT** switch to [ON] (enable) the function.




❺ Tap "Honda Motorcycle #*****" on the *Bluetooth*® setting menu of the target device.

▶ The part of ***** is different letter for each vehicle.

❻ When a request message appears on the target device, tap "Pair."

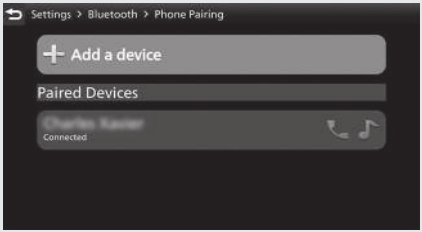
## Audio System *(Continued)*

7 The device name and Passkey appear on the screen. Select [Yes], and then press the **ENT** switch.




8 When the pairing is complete, the name of the paired device are displayed.
Icon status:

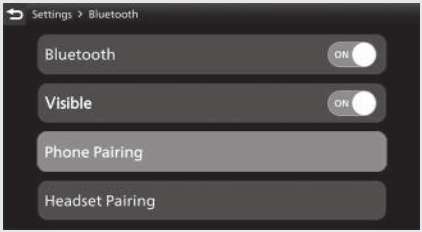
| | |
|---|---|
| | : Phone function connected |
| | : Music function connected |




9 Return to the riding information, previous screen or Home screen. P.42

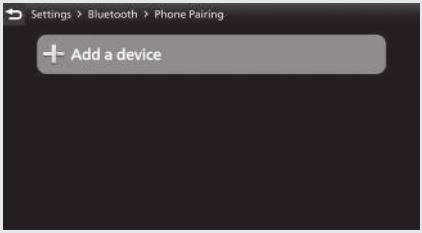
You can also perform the above settings by using the touch screen.

**[Phone Pairing]**




4 Select [Phone Pairing], and then press the **ENT** switch.

5 Select [+Add a device], and then press the **ENT** switch.

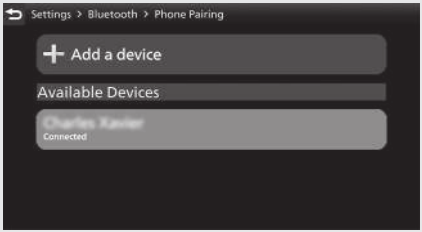



6 The names of the detected device are displayed.

► If many *Bluetooth*® devices are detected, the target device may be detected under the list, scroll down the list.

## Audio System *(Continued)*

7 Select a target device name, and then press the ENT switch.



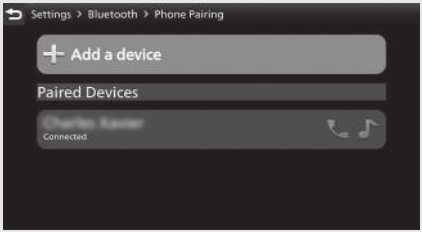

8 Select [Yes], and then press the ENT switch.




9 When a request message appears on the target device, tap "Pair."

10 When the pairing is complete, the name of the paired device are displayed.
Icon status:

| | |
|---|---|
| | : Phone function connected |
| | : Music function connected |




11 Return to the riding information, previous screen or Home screen. P.42

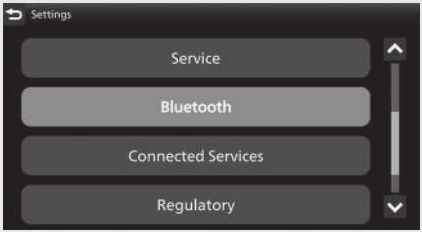
You can also perform the above settings by using the touch screen.

**To disconnect the phone:** P.170

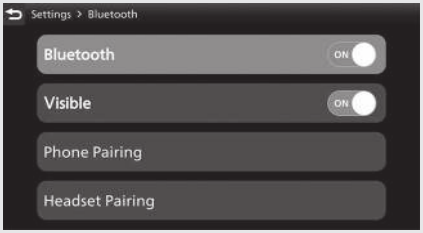
**Headset Pairing**

This function is disabled while the vehicle is in motion.

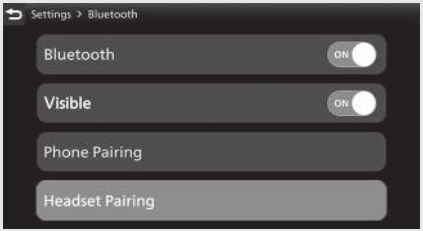
1. Enable the *Bluetooth*® function on your device.
   ► For details, refer to the instruction manual of your device.
2. Select [Bluetooth], and then press the **ENT** switch.



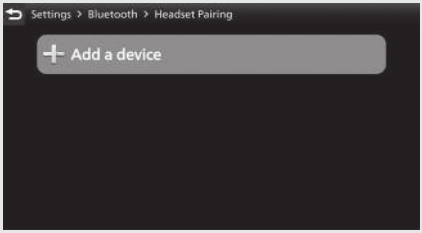
3. Select [Bluetooth], and then press the **ENT** switch to [ON] (enable) the function.




4. Select [Headset Pairing], and then press the **ENT** switch.

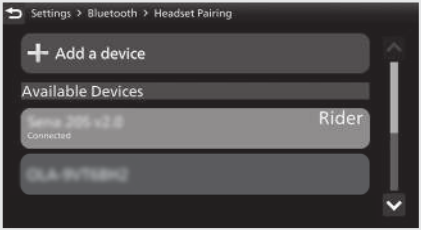



5. Select [+ Add a device], and then press the **ENT** switch.



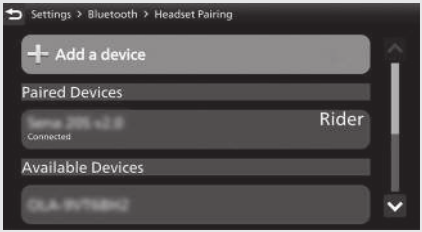

6. The names of the detected device are displayed.
   - ► If many *Bluetooth*® devices are detected, the target device may be detected under the list, scroll down the list.

7 Select a target device name, and then press the **ENT** switch.




8 When the pairing is complete, device name is displayed.

| | |
|---|---|
| Rider | When pairing rider headset |
| Passenger | When pairing passenger headset |




9 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

**To disconnect the headset:** P.170

# Audio System *(Continued)*

### To Reconnect a Paired Device Automatically

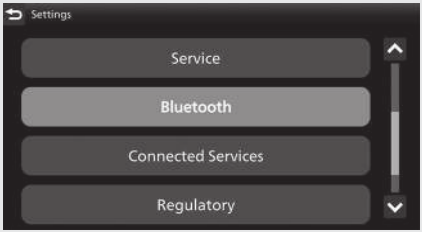
When the ignition switch is turned ❙ (On) position, the system reconnects with registered devices automatically.

- ▶ If the system finds multiple paired devices, the system will reconnect with the device that was connected last.
- ▶ After reconnecting, the song that was last played will be played automatically.

### To Connect/Disconnect Available Functions Individually

Depending on the connected device, this function may not be able to establish a connection.

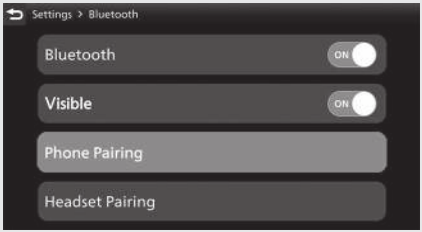
1. Select [Bluetooth], and then press the **ENT** switch.



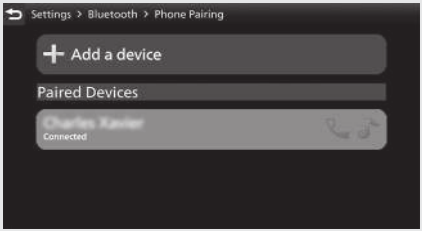
To connect functions:

❷ [Phone Pairing]

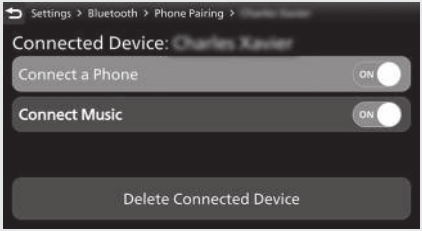
**1.** Select [Phone Pairing], and then press the **ENT** switch to enter the setting menu.




**2.** Select the paired device, and then press the **ENT** switch.



**3.** Select [Connect a Phone] or [Connect Music], and then press the **ENT** switch to [ON] (enable) the function.

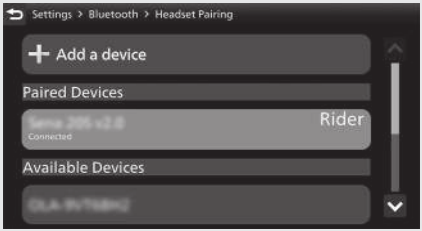



❷ [Headset Pairing]

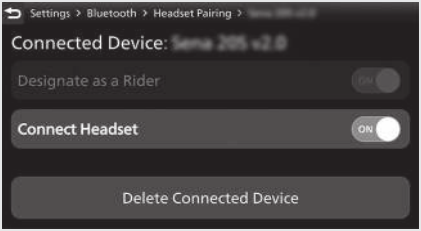
**1.** Select [Headset Pairing], and then press the **ENT** switch to enter the setting menu.



**2.** Select the paired device, and then press the **ENT** switch.




**3.** Select [Designate as a Rider] or [Connect Headset], and then press the **ENT** switch to [ON] (enable) the function.




❸ Return to the riding information, previous screen or Home screen. P.42

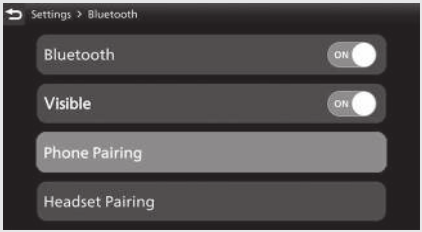
You can also perform the above settings by using the touch screen.

## Audio System *(Continued)*

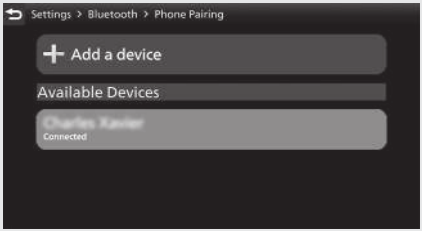
To disconnect functions:

❷ [Phone Pairing]

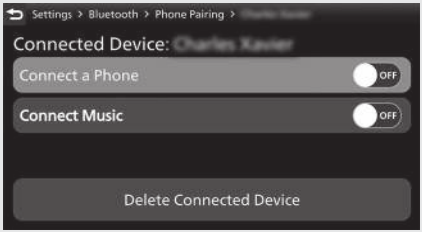
**1.** Select [Phone Pairing], and then press the **ENT** switch to enter the setting menu.




**2.** Select the paired device, and then press the **ENT** switch.

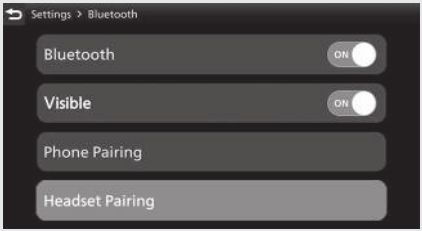


**3.** Select [Connect a Phone] or [Connect Music], and then press the **ENT** switch to [OFF] (disable) the function.




❷ [Headset Pairing]

**1.** Select [Headset Pairing], and then press the **ENT** switch to enter the setting menu.

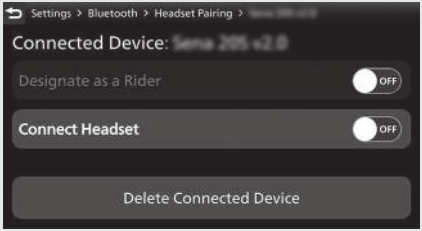


## Audio System *(Continued)*

**2.** Select the paired device, and then press the **ENT** switch.




**3.** Select [Designate as a Rider] or [Connect Headset], and then press the **ENT** switch to [OFF] (disable) the function.

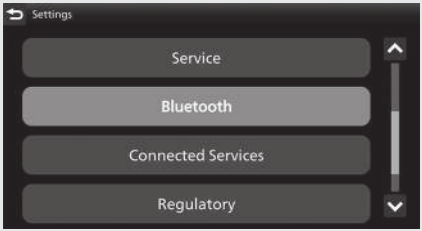



❸ Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

### To Delete Connected Device

1. Select [Bluetooth], and then press the **ENT** switch.

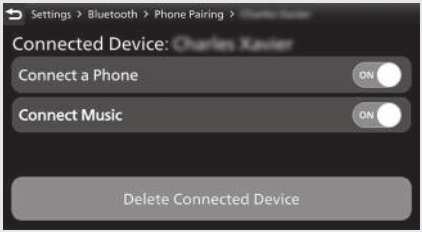



2. Select [Phone Pairing] or [Headset Pairing], and then press the **ENT** switch to enter the setting menu.

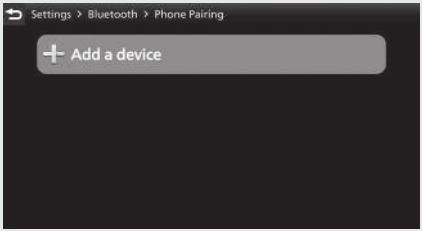



3. Select the paired device, and then press the **ENT** switch.

4 Select [Delete Connected Device], and then press the ENT switch.




5 The name of the device disappears from the screen.




6 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

## Playing Audio

The audio system can play music stored on a device connected via *Bluetooth*®.




## Screen Information

The information displayed on the screen differs depending on the connected device and the type of file being played back.

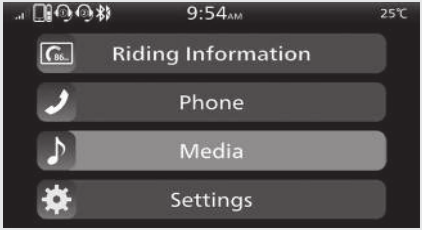
The system supports ID3 tag information. If a track does not have an ID3 tag, the song title or file name is displayed.

[1] Song title
[2] Artist name
[3] Album title (Folder name)
[4] Play time
[5] Progress bar
[6] Total time

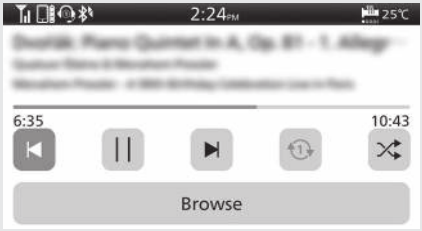
# Audio System *(Continued)*

## To Play a Track

1. Connect the device you want to play from.
   ***Bluetooth*® setting:** P.170
2. Select [Media], and then press the **ENT** switch.




3. Select ⏭, and then press the **ENT** switch.




4. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

### To Pause a Track

Select [||], and then press the [ENT] switch. You can also perform the above settings by using the touch screen.

### To Change a Track

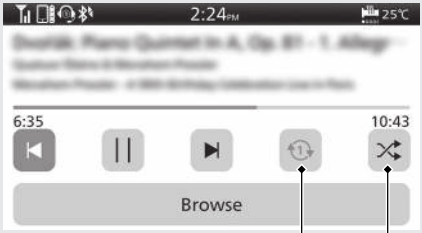
- To skip to the next song: Press the [►►] skip switch.
- To move rapidly within a track: Press and hold the [►►] skip switch.
- To go back to the beginning of the current or previous song: Press the [◄◄] goes back switch.
- To move rapidly within a track: Press and hold the [◄◄] goes back switch.

You can also perform the above settings by using the touch screen.

# Audio System *(Continued)*

## To Select the Play Mode

You can select repeat and random modes. The audio play mode status icon or colour of the audio play mode status icon changes.




Cycles through the play modes as follows:
Select [↻], and then press the **ENT** switch.

| | |
|---|---|
|  | (Black) No repeat mode: No repeat. |
|  | (Blue) Album repeat play mode: Repeats all tracks in the current playlist ([Artists], [Albums] or [Songs], etc.). |
|  | (Blue) Track repeat play mode: Repeats the current track. |

Select [⤮], and then press the **ENT** switch.

| | |
|---|---|
|  | (Black) Normal play mode: Plays tracks in original order. |
|  | (Blue) Random play mode: Plays tracks randomly. |

You can also perform the above settings by using the touch screen.

## Handsfree Calling

### Using *Bluetooth*® Handsfree Calling

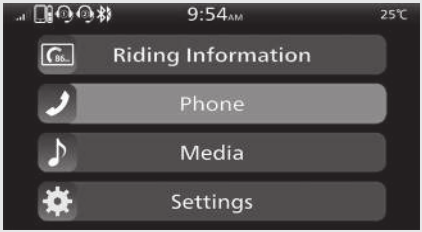
*Bluetooth*® handsfree calling allows you to make and receive phone calls using your vehicle's audio system, without handling your mobile phone.

To use the handsfree calling, you need a *Bluetooth*® compatible mobile phone and *Bluetooth*® headsets.

- You cannot operate the handsfree calling functions by the touch screen while the vehicle is in motion.
- If *Bluetooth*® connection is unstable due to surrounding conditions or radio wave conditions, the handsfree calling functions may not be available.
- While talking, you may be hard to hear due to wind noise during running or external noise. In that case, try to change the position of the microphone or to adjust the windscreen height. ➡P.306

## Preparation

1. Connect with the paired mobile phone. P.162
   - The phonebook is updated after every connection. Call history is updated after every connection or call.
2. Connect the paired rider headset. P.167
3. Select [Phone], and then press the ENT switch.




4. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

## Making a Call

You can make calls by inputting a phone number or by using the phonebook, call history or speed dial entries.

To change the call mode, push ◀ or ▶ on the ◀ ▶ sel left/right switch.
Changes the call modes as follows:
[Call History] ⇨ [Speed Dial] ⇨ [Contacts] ⇨ [Dial Number] ⇨ [Settings]

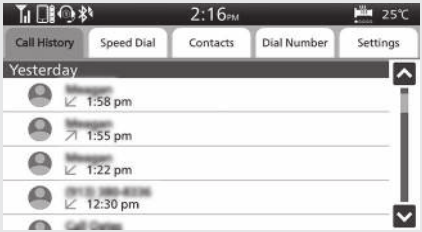
- Certain manual functions are disabled while the vehicle is in motion. You cannot select a greyed-out option until the vehicle is stopped.
- Only previously stored speed dial entries and call history can be called while the vehicle is in motion.

**To adjust the phone volume:** P.98

# Audio System *(Continued)*

## To Make a Call Using the Call History [Call History]

You can make a call using the call history while the vehicle is in motion.
Call history displays the last 30 dialled, received, or missed calls.




1. Select [Call History].
2. Select the phone number you want to call, and then press the ENT switch.

| | |
|---|---|
| ↗ | (blue): Dialled call |
| ↙ | (blue): Received call |
| ↙ | (red): Missed call |

3. To end the call, push forward the voice control switch on the left handlebar.
   ► The same action can be done by selecting [End Call] on the screen.
4. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

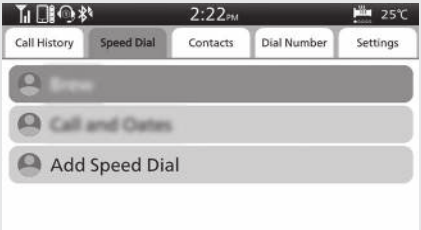
### To Make a Call Using a Speed Dial Entry [Speed Dial]

You can make a call using the speed dial while the vehicle is in motion.

To make a call using the speed dial, you need to store the speed dial number in advance. P.190

Up to 20 speed dial numbers can be stored.

1. Select [Speed Dial].
2. Select a person you want to call, and then press the **ENT** switch.
   Dialling starts automatically.




3. To end the call, push forward the voice control switch on the left handlebar.
   ► The same action can be done by selecting [End Call] on the screen.
4. Return to the riding information, previous screen or Home screen. P.42

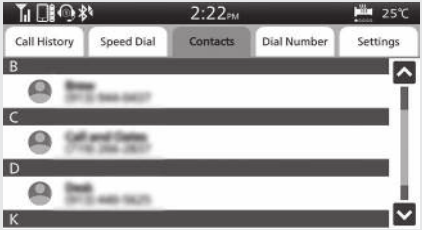
You can also perform the above settings by using the touch screen.

# Audio System *(Continued)*

## To Make a Call Using the Phonebook [Contacts]

This function is disabled while the vehicle is in motion.

1. Stop the vehicle.
2. Select [Contacts].
3. The phonebook is stored alphabetically. Select a name, and then press the **ENT** switch to set your selection.
4. Select the phone number you want to call, and then press the **ENT** switch.




5. To end the call, push forward the voice control switch on the left handlebar.
   ► The same action can be done by selecting [End Call] on the screen.
6. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

### To Make a Call Using a Phone Number [Dial Number]

This function is disabled while the vehicle is in motion.

1. Select [Dial Number].
2. Press the ▲ sel switch or ▼ sel switch or push ◀ or ▶ on the ◀ ▶ sel left/right switch to enter a number, and then press the **ENT** switch to set the number.
   - ▶ When using [+]: Select [0], and then press and hold the **ENT** switch.
3. Select [CALL], and then press the **ENT** switch to make a call.
   - ▶ To cancel the call, press the **ENT** switch.
   - ▶ When making a call 1 second after the **ENT** switch pressed: Select [+ Wait], and then press the **ENT** switch.
   - ▶ When making a call 2 seconds after the **ENT** switch pressed: Select [+ 2 sec], and then press the **ENT** switch.



4 To end the call, push forward the [voice control switch] voice control switch on the left handlebar.
▶ The same action can be done by selecting [End Call] on the screen.

5 Return to the riding information, previous screen or Home screen. P.42

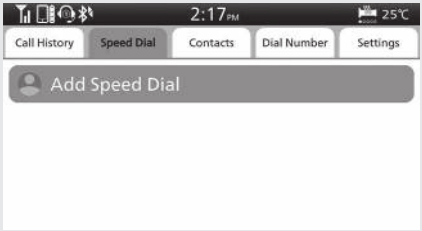
You can also perform the above settings by using the touch screen.

### To Store a Phone Number in the Speed Dial List

Speed dial numbers can be stored.

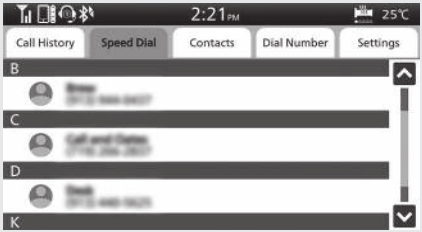
1 Select [Speed Dial].

2 Select [Add Speed Dial], and then press the ENT switch.




3 The phonebook appears.

4. Select the phone number you want to store, and then press and hold the **ENT** switch. The phone number will be stored in the speed dial list.

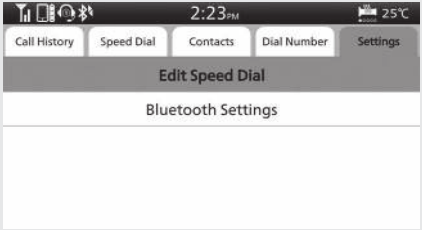



5. Return to the riding information, previous screen or Home screen. P.42

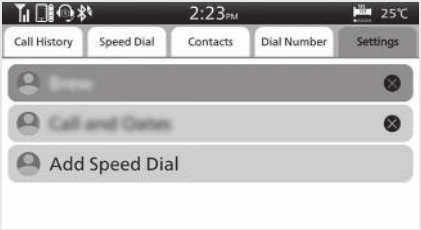
You can also perform the above settings by using the touch screen.

### To Delete a Stored Speed Dial Number

1. Select [Settings].
2. Select the [Edit Speed Dial], and then press the **ENT** switch.



❸ Select the phone number you want to delete, and then press and hold the ENT switch.

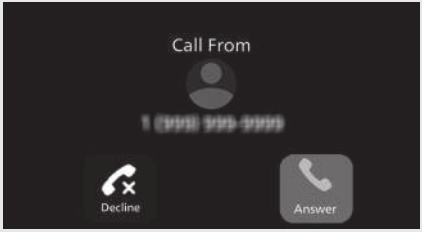



❹ Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

## Receiving a Call

When there is an incoming call, an audible notification sounds and the Incoming Call screen appears.



**Ring Tone**

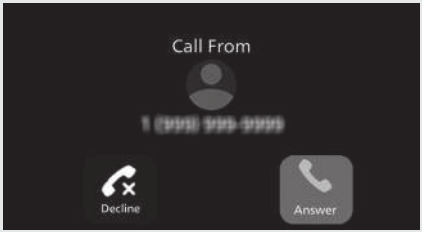
If the connected mobile phone supports "in band ring tone", the ring tone stored on the phone sounds automatically while receiving a call.

If "in band ring tone" is not supported, the ring tone stored in the audio system sounds.

**To Receive a Call**

When a call comes in, push forward the [voice control switch] voice control switch on the left handlebar to receive the call.

- The same action can be done by selecting [Answer] on the screen.



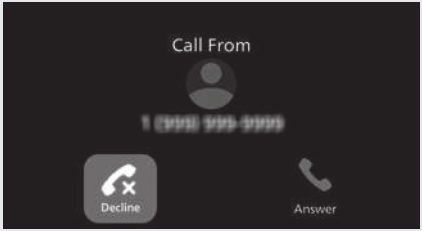

**To adjust the phone volume:** P.98

# Audio System *(Continued)*

## To Decline a Call

When a call comes in, push forward and hold the [voice control switch] voice control switch on the left handlebar to reject a call.

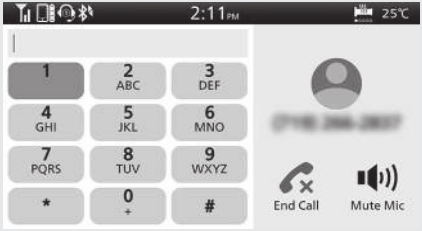
- The same action can be done by selecting [Decline] on the screen.




## To End a Call

While talking, push forward the [voice control switch] voice control switch on the left handlebar to end the call.

- The same action can be done by selecting [End Call] on the screen.



## Apple CarPlay

If you connect an Apple CarPlay-compatible iPhone to the system via USB, you can use the multi-information display, instead of the iPhone display, to make phone calls, listen to music, view maps (navigation), and access messages.

- Only iPhone 5 or newer versions with iOS 10 or later are compatible with Apple CarPlay.
- Park your vehicle in a safe place before connecting your iPhone to Apple CarPlay and when launching any compatible apps.
- In no event shall Honda be liable for any damage or trouble that occurs in the use of iPhone.
- If a mobile network communication is unstable due to surrounding conditions or signal strength conditions, Apple CarPlay functions may not be available.
- To use Apple CarPlay, a headset connection is necessary. If headset connection is broken due to headset battery depletion or communication failure, Apple CarPlay cannot be used until the connection is restored.
- You cannot operate Apple CarPlay by the touch screen while the vehicle is in motion.

## Audio System *(Continued)*

- Application and menu items displayed on the screen may differ depending on the connected device and iOS version.
- While connected to Apple CarPlay, calls are only made through Apple CarPlay. If you want to make a call with *Bluetooth*® handsfree calling, disconnect the USB cable from your iPhone and connect your iPhone via *Bluetooth*®.

  **To connect the paired device:**
  P.162

- For details on countries and regions where Apple CarPlay is available, as well as information pertaining to function, refer to the Apple homepage.
- Apple CarPlay is a trademark of Apple Inc.

## Apple CarPlay Operating Requirements & Limitations

Apple CarPlay requires a compatible iPhone with an active cellular connection and data plan. Your carrier's rate plans will apply.

Changes in operating systems, hardware, software, and other technology integral to providing Apple CarPlay functionality, as well as new or revised governmental regulations, may result in a decrease or cessation of Apple CarPlay functionality and services. Honda cannot and does not provide any warranty or guarantee of future Apple CarPlay performance or functionality.

It is possible to use 3rd party apps if they are compatible with Apple CarPlay. Refer to the Apple homepage for information on compatible apps.

## Use of User and Vehicle Information

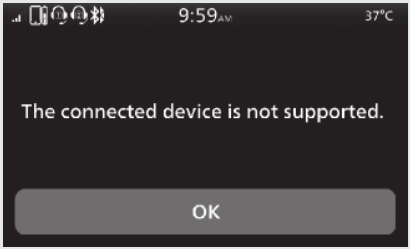
The use and handling of user and vehicle information transmitted to/from your iPhone by Apple CarPlay is governed by the Apple iOS terms and conditions and Apple's Privacy Policy.

## Audio System *(Continued)*

### To Setup Apple CarPlay

Use of Apple CarPlay will result in the transmission of certain user and vehicle information (such as vehicle location, speed, and status) to your iPhone to enhance the Apple CarPlay experience. You will need to consent to the sharing of this information on the screen.

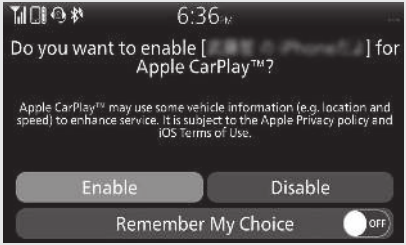
1. Pair the headsets. P.167
2. Connect your iPhone using a certified cable to the USB socket. P.204
   - ▶ If the following screen is displayed, Apple CarPlay can not be used, but USB power can be supplied.
   1. Select [OK], and then press the ENT switch.




**To enable Apple CarPlay:** P.200

❸ When the disclaimer message appears on the screen, select [Enable], and then press the ENT switch.

► Set [Remember My Choice] to ON so that you will not be asked the next time you connect.




**[Enable] when [Remember My Choice] is [OFF]:** Allows only once. (Prompt shows again next time.)

**[Enable] when [Remember My Choice] is [ON]:** Allows anytime. (Prompt does not show again.)

**[Disable] when [Remember My Choice] is [OFF]:** Does not allow this consent.

**[Disable] when [Remember My Choice] is [ON]:** Does not allow anytime. (Prompt does not show again.)

❹ Enable the Apple CarPlay setting. P.200

❺ Apple CarPlay menu screen appears.

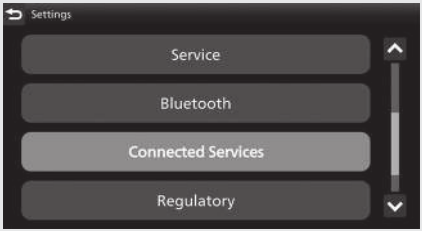
You can also perform the above settings by using the touch screen.

**To display the prompt:** P.202

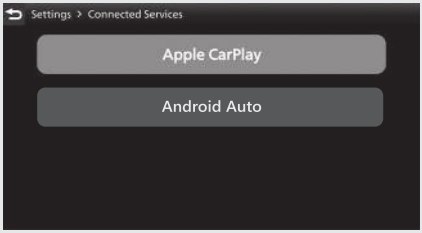
# Audio System *(Continued)*

## To Enable or Disable Apple CarPlay

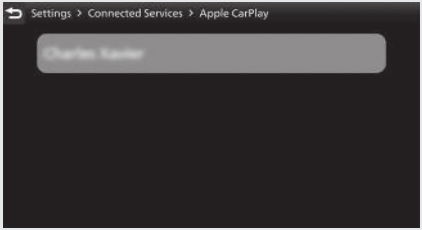
1. Select [Connected Services], and then press the **ENT** switch.




2. Select [Apple CarPlay], and then press the **ENT** switch.

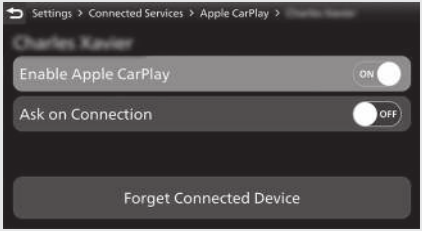



3. Select a target device name, and then press the **ENT** switch.



To enable Apple CarPlay:

4 Select [Enable Apple CarPlay], and then press the **ENT** switch to [ON] (enable) the function.

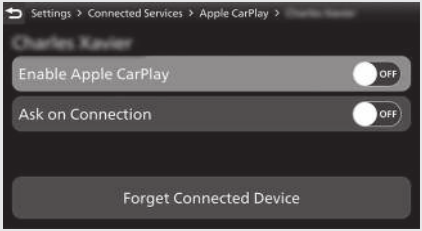



5 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

To disable Apple CarPlay:

4 Select [Enable Apple CarPlay], and then press the **ENT** switch to [OFF] (disable) the function.



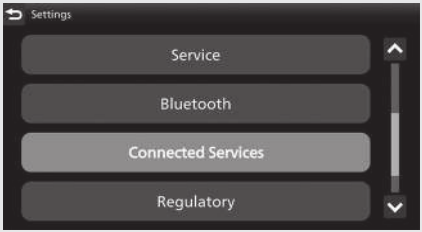

5 Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

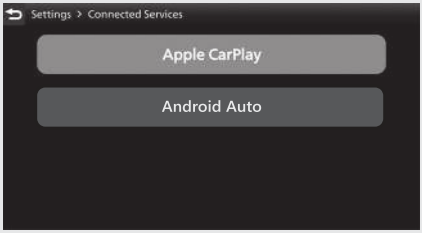
# Audio System *(Continued)*

## To Select Ask On or Ask Off of the Apple CarPlay disclaimer Screen

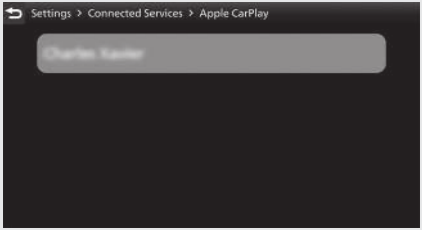
1. Select [Connected Services], and then press the **ENT** switch.




2. Select [Apple CarPlay], and then press the **ENT** switch.

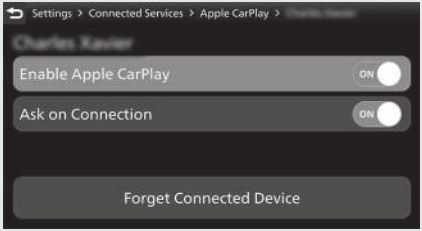



3. Select a target device name, and then press the **ENT** switch.



To ask on connection:

4. Select [Ask on Connection], and then press the **ENT** switch to [ON] (ask on) the function.

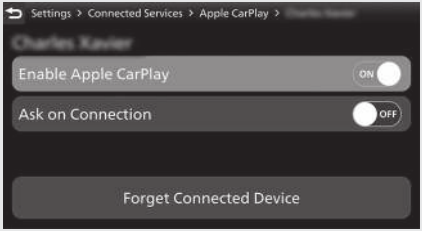



5. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

To ask off connection:

4. Select [Ask on Connection], and then press the **ENT** switch to [OFF] (ask off) the function.




5. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

## Audio System *(Continued)*

### To Connect Your iPhone

- Do not leave your device in the vehicle (under the front seat or under the rear seat etc.). High heat will damage it.
- We recommend backing up your data before playing it.
- iPhone can be charged with the USB cable when the ignition switch is in the (On) position. The charging time may be longer than usual.
- We recommend covering your devices with an audio pouch, or soft fabric or cover to protect them from damage.
- Be careful to not get the USB connector wet.
- Do not connect with a hub.
- Do not connect incompatible devices.
- If the audio system does not recognise the iPhone, try reconnecting it a few times or reboot the device.

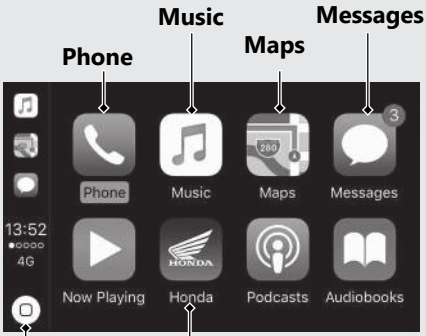
**To connect your iPhone: P.244**

### To Disconnect Your iPhone

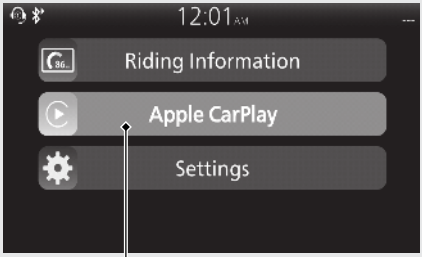
You can disconnect your iPhone at any time. Make sure to follow the device's instructions on how to disconnect the device from the cable.

## Apple CarPlay Menu

Apple CarPlay menu screen




Home screen



## Audio System *(Continued)*

**Phone**
Access the contact list, make phone calls, or listen to voice mail.

**Music**
Play music stored on your iPhone.

**Maps**
Display Apple CarPlay map and use the navigation function just as you would on your iPhone.

**Messages**
Check and reply to text messages, or have messages read to you.

**Honda**
Go back to the Home screen.



Go back to the Apple CarPlay menu screen.

## Operating Apple CarPlay with Siri

To activate Siri, pairing with device such as a headset (for rider) must be paired. P.167

### To Activate Siri

1. Start Apple CarPlay. P.198
2. Unlock your iPhone and enable Siri.
   ▶ For details, refer to the iPhone User Guide, etc.
3. Push forward the [voice control switch] on the left handlebar.
4. Say a voice command through the paired headset.
   Siri may not be recognised correctly due to the effect of wind noise during running or external noise. In that case, try to change the position of the microphone or to adjust the windscreen height.
   P.306

Please visit www.apple.com/ios/siri.

### To Deactivate Siri

Push forward the voice control switch on the left handlebar.

You can also perform the above settings by using the touch screen.

Siri is a trademark of Apple Inc.

## Android Auto™

If you connect an Android Auto™ compatible Android™ phone to the system via USB port, you can use the multi-information display, instead of the Android™ phone display, to access the Phone, Google Maps™ (Navigation), Notification centre, and voice search functions.

When you first use Android Auto™, you will required to complete initial setting on your phone screen. We recommend that you complete this initial setting while safely parked before using Android Auto™.

- To use Android Auto™, you need to download the Android Auto™ app from Google Play™ to your smartphone.
- Only Android™ 5.0 or later versions are compatible with Android Auto™. Bluetooth A2DP cannot be used with Android™ phone.
- Park your vehicle in a safe place before connecting your Android™ phone to Android Auto™ and when launching any compatible apps.
- In no event shall Honda be liable for any damages or troubles that occur in the use of Android™ phone.
- If a mobile network communication is unstable due to surrounding conditions or signal strength conditions, Android Auto™ functions may not be available.
- To use full functions of Android Auto™, a headset connection is necessary.

  **To connect the paired device:**

  P.160
- You cannot operate Android Auto™ by the touch screen while the vehicle is in motion.
- Application and menu items displayed on the screen may differ depending on the connected device and Android™ version.

## Audio System *(Continued)*

- When your Android™ phone is connected to Android Auto™, it is not possible to use the *Bluetooth*® Audio.
- You can connect your Android™ phone using a certified cable to the USB connector directly. Make sure to use the factory USB cable that came with your device.
- The audio system may not be compatible with the latest model and the latest OS version.
- For details on countries and regions where Android Auto™ is available, as well as information pertaining to function, refer to the Android Auto™ homepage.
- Google™, Android™, Google Maps™, Google Play™ and Android Auto™ are trademarks of Google LLC.

### Android Auto™ Operating Requirements & Limitations

Android Auto™ requires a compatible Android™ phone with an active cellular connection and data plan. Your carrier's rate plans will apply.

Changes in operating systems, hardware, software, and other technology integral to providing Android Auto™ functionality, as well as new or revised governmental regulations, may result in a decrease or cessation of Android Auto™ functionality and services.

Honda cannot and does not provide any warranty or guarantee of future Android Auto™ performance or functionality.

It is possible to use 3rd party apps if they are compatible with Android Auto™. Refer to the Android Auto™ homepage for information on compatible apps.

### Use of User and Vehicle Information

The use and handling of user and vehicle information transmitted to/from your phone by Android Auto™ is governed by the Google's Privacy Policy.

## Audio System *(Continued)*

### To set up Android Auto™

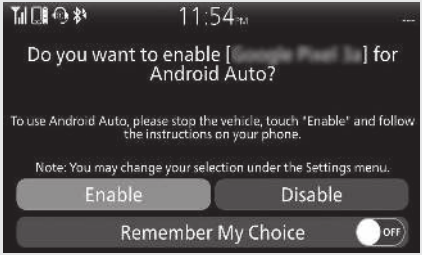
When you connect an Android™ phone to the unit via the USB port, Android Auto™ is automatically initiated.

Use of Android Auto™ will result in the transmission of certain user and vehicle information (such as vehicle location, speed, and status) to your Android™ phone to enhance the Android Auto™ experience. You will need to consent to the sharing of this information on the screen.

1. Pair the headsets. P.167
2. Connect your Android™ phone to the USB socket. P.244
   - ► Only initialise Android Auto™ when you safely parked. When Android Auto™ first detects your phone, you will need to set up your phone so that auto pairing is possible.
     Refer to the instruction manual that came with your phone.

❸ When the disclaimer message appears on the screen, select [Enable] and then ENT switch.

► Set [Remember My Choice] to ON so that you will not be asked the next time you connect.




**[Enable] when [Remember My Choice] is [OFF]:** Allows only once. (Prompt shows again next time.)

**[Enable] when [Remember My Choice] is [ON]:** Allows anytime. (Prompt does not show again.)

**[Disable] when [Remember My Choice] is [OFF]:** Does not allow this consent.

**[Disable] when [Remember My Choice] is [ON]:** Does not allow anytime. (Prompt does not show again.)

❹ Enable the Android Auto™ setting P.214

❺ Android Auto™ screen appears.

❻ To appear App launcher screen, select ◯ and then press ENT switch.

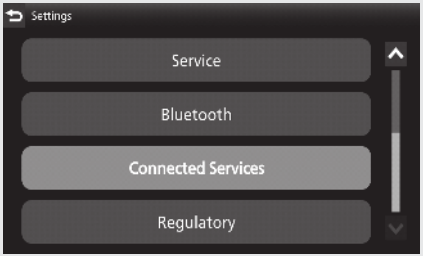
You can also perform the above settings by using the touch screen.

**To display the prompt:** P.216

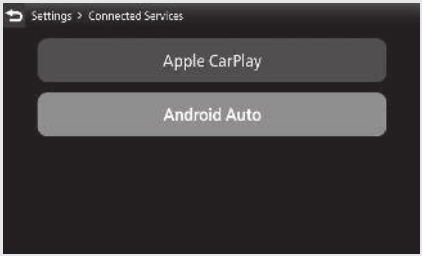
# Audio System *(Continued)*

## To Enable or Disable Android Auto™

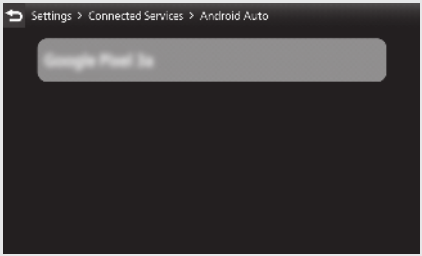
1. Select [Connected Services], and then press the **ENT** switch.




2. Select [Android Auto], and then press the **ENT** switch.

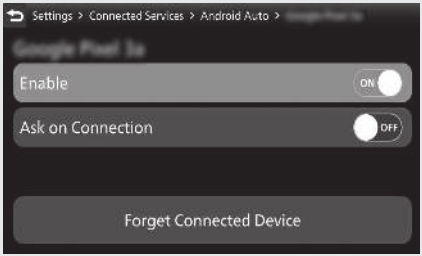



3. Select a target device name, and then press the **ENT** switch.



To enable **Android Auto™**:

4. Select [Enable], and then press the **ENT** switch to [ON] (enable) the function.

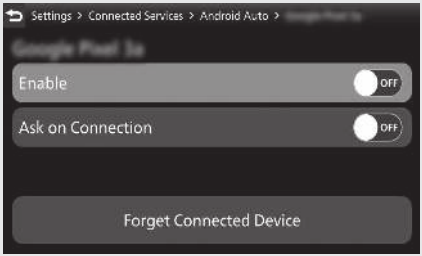



5. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

To disable **Android Auto™**:

4. Select [Enable], and then press the **ENT** switch to [OFF] (disable) the function.



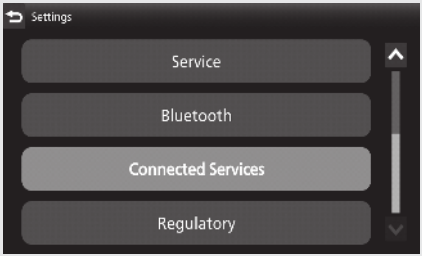

5. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

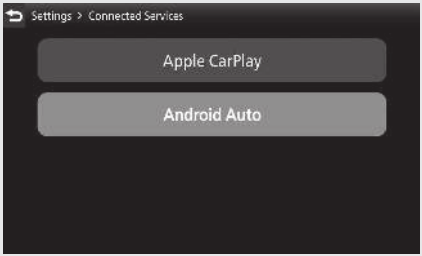
# Audio System *(Continued)*

## To Select Ask On or Ask Off of the Android Auto™ disclaimer Screen

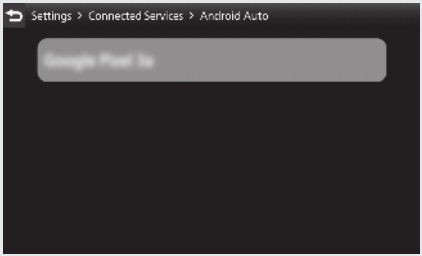
1. Select [Connected Services], and then press the **ENT** switch.




2. Select [Android Auto], and then press the **ENT** switch.

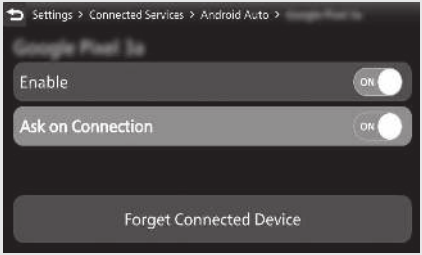



3. Select a target device name, and then press the **ENT** switch.



To ask on connection:

4. Select [Ask on Connection], and then press the **ENT** switch to [ON] (ask on) the function.

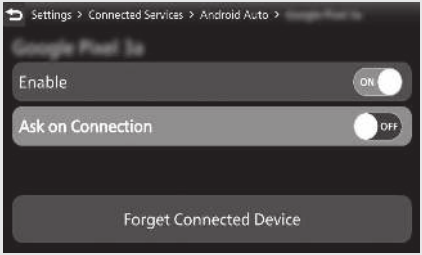



5. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

To ask off connection:

4. Select [Ask on Connection], and then press the **ENT** switch to [OFF] (ask off) the function.




5. Return to the riding information, previous screen or Home screen. P.42

You can also perform the above settings by using the touch screen.

### To Connect Your Android™ phone

- Do not leave your device in the vehicle (under the front seat or under the rear seat etc.). High heat will damage it.
- We recommend backing up your data before playing it.
- Android™ phone can be charged with the USB cable when the ignition switch is in the ACC (On) position. The charging time may be longer than usual.
- We recommend covering your devices with an audio pouch, or soft fabric or cover to protect them from damage.
- Be careful to not get the USB connector wet.
- Do not connect with a hub.
- If the audio system does not recognise the Android™ phone, try reconnecting it a few times or reboot the device.

**To connect your Android™ phone:**
P.244

### To Disconnect Your Android™ phone

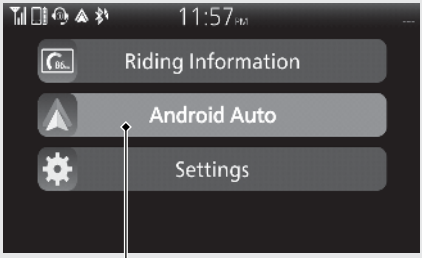
You can disconnect your Android™ phone at at any time.
Make sure to follow the device's instructions on how to disconnect the device from the cable.

## App launcher screen

App launcher screen




Home screen



## Audio System *(Continued)*

### Maps

Display Google Maps™ and use the navigation function just as you would with your Android™ phone. When the vehicle is in motion, it is not possible to make keyboard entries. Stop the vehicle in a safe location to undertake a search or provide other inputs.

### Phone

Make and receive phone calls as well as listen to voice mail.

Voice search

Operate Voice search.

Notification centre

See recent calls, messages, and alerts.

### Go to App launcher screen

The app launcher opens.

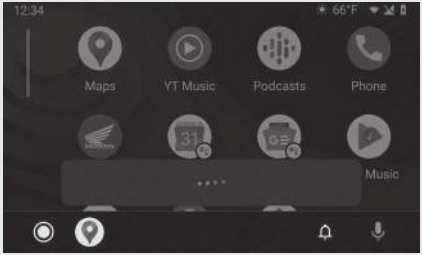
### Exit

Go back to the Home Screen.

## Operating voice search

To activate the voice search, pairing with device such as a headset must be paired.

P.167




Push forward the voice control switch on the left handlebar to operate Android Auto™ with your voice.
You can also activate the voice search by selecting the icon.

Voice search may not be recognized correctly due to the effect of wind noise during running or external noise. In that case, try to change the position of the microphone or to adjust the windscreen height.

**Below are examples of commands you can give with voice recognition :**

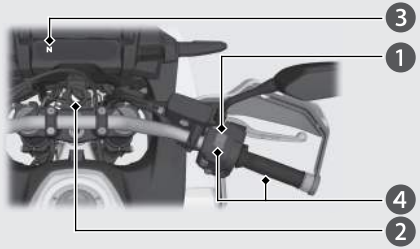
- Reply to text.
- Call my wife.
- Navigate to Honda.
- Play my music.
- Send a text message to my wife.
- Call flower shop.

For more information, please refer to the Android Auto™ homepage.

# Starting the Engine

CRF1100A/A3/A4

Start your engine using the following procedure, regardless of whether the engine is cold or warm.

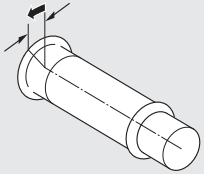



NOTICE

- If the engine does not start within 5 seconds, turn the ignition switch to the ○ (Off) position and wait 10 seconds before trying to start the engine again to recover battery voltage.
- Extended fast idling and revving the engine can damage the engine and the exhaust system.
- Snapping the throttle or fast idling for more than about 5 minutes may cause exhaust pipe discolouration.
- The engine will not start if the throttle is fully open.

1. Make sure the engine stop switch is in the ⟳ (Run) position.
2. Turn the ignition switch to the ❙ (On) position.
3. Shift the transmission to Neutral (N indicator comes on). Alternatively, pull in the clutch lever to start your vehicle with the transmission in gear so long as the side stand is raised.
4. Press the START button with the throttle completely closed.
   - ► If you cannot start the engine, open the throttle slightly (about 3 mm (0.1 in), without freeplay) and press the start button.

**About 3 mm (0.1 in), without freeplay**



**If the engine does not start:**

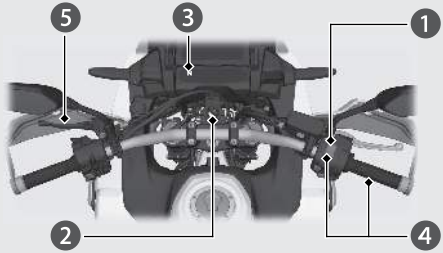
1. Open the throttle fully and press the START button for 5 seconds.
2. Repeat the normal starting procedure.
3. If the engine starts, open the throttle slightly if idling is unstable.
4. If the engine does not start, wait 10 seconds before trying steps 1 & 2 again.

**If Engine Will Not Start** P.309

## Starting the Engine *(Continued)*

CRF1100D/D3/D4/DL4

Start your engine using the following procedure, regardless of whether the engine is cold or warm.

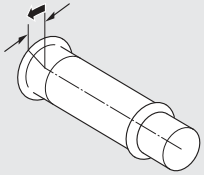



NOTICE

- If the engine does not start within 5 seconds, turn the ignition switch to the ○ (Off) position and wait 10 seconds before trying to start the engine again to recover battery voltage.
- Extended fast idling and revving the engine can damage the engine, and the exhaust system.
- Snapping the throttle or fast idling for more than about 5 minutes may cause exhaust pipe discolouration.
- The engine will not start if the throttle is fully open.

1. Make sure the engine stop switch is in the ○ (Run) position.
2. Turn the ignition switch to the | (On) position.
3. Check the transmission in Neutral (N indicator comes on).
4. Press the START button with the throttle completely closed.
   ► If you cannot start the engine, open the throttle slightly (about 3 mm (0.1 in), without freeplay) and press the start button.

**About 3 mm (0.1 in), without freeplay**



5. Make sure the parking brake lever is released before riding. P.131

## If Engine Does Not Start P.223

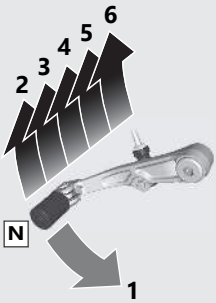
### When you stop the engine

1. To stop the engine, shift the transmission to Neutral (N indicator comes on).
   - ► If you turn the ignition switch to the ○ (Off) position when the vehicle is in gear, the engine will shut off with the clutch disengaged.
2. Turn the ignition switch to the ○ (Off) position.
3. Set the parking brake when you park the vehicle. P.131

# Shifting Gears

CRF1100A/A3/A4

Your vehicle transmission has 6 forward gears in a one-down, five-up shift pattern.




If you put the vehicle in gear with the side stand down, the engine will shut off.

CRF1100D/D3/D4/DL4

Your vehicle is equipped with an automatically controlled 6-speed transmission. It can be shifted automatically (by AT MODE) or manually (by MT MODE).

## Dual Clutch Transmission

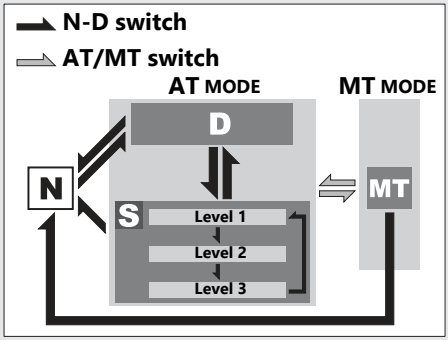
CRF1100D/D3/D4/DL4

In order to respond to rider demands in a broad range of situations, the transmission is equipped with three operating modes, AT MODE (including D mode for regular operation and three levels of S mode for sporty riding); and MT MODE (MT mode for a 6-speed manual operation), which delivers the same shift feel as a manual transmission.

- When the vehicle is in gear ("D", "S", or gear position number are displayed), be careful not to open the throttle when pushing or pulling the vehicle back and forth or when turning the handlebar while stationary or at low speeds. If you do so, you may cause the vehicle to unexpectedly and strongly surge forward and lose control.
- Always use the recommended tyres and sprockets to ensure correct Dual Clutch Transmission operation.

The Dual Clutch Transmission system runs a self check immediately after starting the engine.

"▬" appears in the gear position indicator window for a few seconds, then goes out. While "▬" appears, you cannot shift into gear.



## Shifting Gears *(Continued)*

**Neutral (N):** Neutral is selected automatically when you turn the ignition switch to the | (On) position.

**If neutral is not selected when you turn the ignition switch to the | (On) position.**

- Turn the ignition switch to the ○ (Off) position and then to the | (On) position again.
- If neutral is still not selected after turning the ignition switch to the ○ (Off) position, and then to the | (On) position again. P.315 You may hear (click) noises when the transmission shifts to Neutral (N). This is normal.

**When you can change between N and D**

- Vehicle is stopped and the engine is idling.
- Throttle is completely closed. It is not possible to change from Neutral to D mode while the throttle is applied.
- You cannot change between N and D mode while the wheels are rotating.
- Side stand is raised.

NOTICE

To prevent clutch damage, do not use the throttle to keep the vehicle stopped uphill.

**AT MODE:** In this mode, the gears are shifted automatically according to your riding conditions.
And also using the shift up switch (+) or shift down switch (–), you can temporarily shift up or down in AT MODE by using the shift switch. These switches are convenient when you want to temporarily down-shift in front of a curve, etc. ➡P.232
You can choose between two modes within AT MODE: D mode and S mode.
**D mode (AT):** This is the standard mode when AT MODE is selected. Select D mode for regular operation and efficient fuel economy.

**S mode (AT):** Select this mode while riding in AT MODE when you need more power, such as when overtaking, climbing hills, pulling away.
S mode has three levels of adjustment.
**MT MODE (6-speed manual operation):** In this mode, you can choose between 6 gears.

## Shifting Gears *(Continued)*

### Changing between Neutral and AT MODE/MT MODE

**Changing from Neutral (N) to AT MODE**

The D mode indicator comes on, D is shown in the gear position indicator and first gear is selected.

Press the **D-S** side of the N-D switch (①).

**Changing from AT or MT MODE to Neutral**

Press **N** on the N-D switch (②).

**Changing between D mode and S mode while in AT MODE**

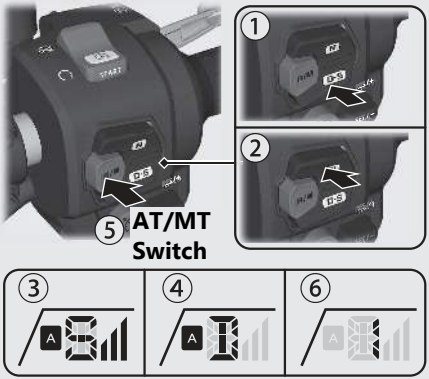
Press the **D-S** side of the N-D switch. The S or D is shown in the gear position indicator. (③, ④).

**Changing between AT MODE and MT MODE**

Press the AT/MT switch (⑤).

The AT indicator goes out while MT MODE is selected (⑥).

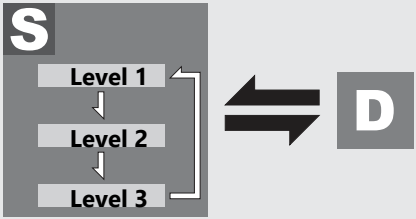
The gear position is displayed on the gear position indicator while MT MODE is selected (⑥).



**S mode level selecting while in AT MODE**

While in S mode, press and hold the **D-S** side of the N-D (1) switch.

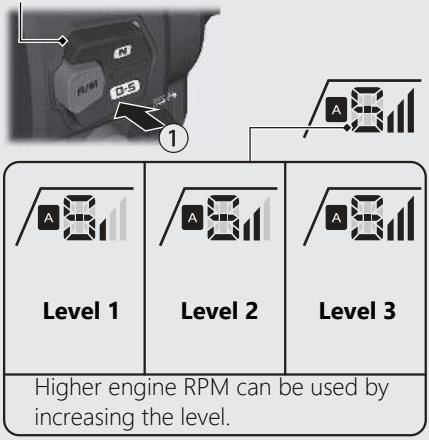
► Close the throttle completely. Then select the desired level of the S mode.




Press and hold the **D-S** side of the N-D switch

Press the **D-S** side of the N-D switch

**N-D switch**




The selected level is maintained even when the ignition switch is turned to the ○ (Off) position, or transmission is switched to out of S mode.

## Shifting Gears *(Continued)*

### Riding in MT MODE

Shift up and down with the shift up switch (+) and shift down switch (−).

The selected gear is shown on the gear position indicator.

- ▶ If the MT MODE is selected, the transmission does not shift up automatically. Do not allow the engine revs to go into the red zone.
- ▶ The transmission automatically shifts down when you slow down, even in MT MODE.
- ▶ You will start from 1st gear even if MT MODE is selected.

### Gear shift operation

Shifting Up:

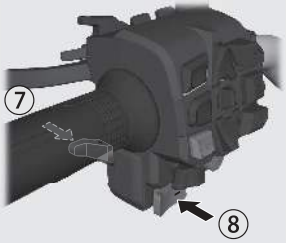
Press the shift up switch (+) (⑦).

Shifting Down:

Press the shift down switch (−) (⑧).

You cannot continue shifting gear by keeping the shift switch pressed.

To continue shifting gear release the switch and press it again.




### Shift Limit

You cannot downshift if the engine will exceed the rev limit.

# Cruise Control

The cruise control system allows you to maintain a steady speed within a specified range.
The available speed setting range and operating gear are listed below:

| CRF1100A/A3/A4 | |
|---|---|
| Available Speed setting range | 50 – 160 km/h (30 - 99 mph) |
| Operating gear | From 4th to 6th gear |

| CRF1100D/D3/D4/DL4 | |
|---|---|
| Available Speed setting range | 50 – 160 km/h (30 - 99 mph) |
| Operating gear | From 3rd to 6th gear |

When cruise control is on, your speed will still vary slightly, particularly going up and down hills.

Cruise control is intended for use only on straight, uncongested highways. Do not use cruise control on city streets, winding roads, during bad weather, or at any other time when you need total control of the throttle.

**⚠WARNING**

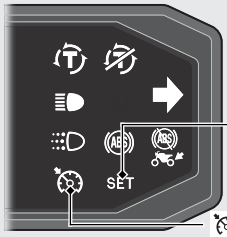
Improper use of the cruise control can lead to a crash in which you could be seriously hurt or killed.

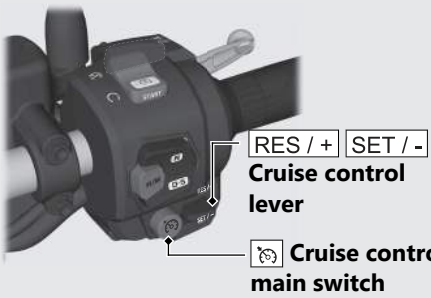
Use the cruise control only when travelling on open highways in good weather.

## Cruise Control *(Continued)*

### To Set Cruise Control

1. Make sure the traveling speed and operating gear are conformed to the requirements of the system.
   Any speed other than the available range will not be memorised.
2. Press the [ ] cruise control main switch. (The [ ] cruise control main indicator will come on.)
3. Accelerate to the desired speed.
4. Push the [RES / +] [SET / -] cruise control lever to [SET / -] side. (The [**SET**] cruise control SET indicator will come on.) Your current travelling speed is memorised.



## To Change the Set Speed

### To Fine Tune the Set Speed

1. Select the riding information. P.42
2. To increase the set speed: tap the RES / + SET / - cruise control lever to RES / + side.
   To decrease the set speed: tap the RES / + SET / - cruise control lever to SET / - side.
3. The set speed is displayed in the multi-information display.




**Cruise control set speed**

Each quick tap (brief push and release) on either side will change your speed by 1 km/h or 1 mph (depending on mileage meter set unit).
Any speed other than the possible setting range will not be indicated (stops at the upper or lower limit speed).

### To Change the Set Speed Continuously

- To increase the set speed: push and hold the RES / + SET / - cruise control lever to RES / + side.
  The system will accelerate your vehicle automatically. When you reach the desired speed, release the RES / + SET / - cruise control lever.
  If the RES / + SET / - cruise control lever is pushed and held to RES / + side continuously, the set speed indicated in the multi-information display stops at the upper limit of the possible setting range.

## Cruise Control *(Continued)*

- To decrease speed: push and hold the RES / + SET / - cruise control lever to SET / - side. The system will automatically slow your vehicle. When you reach the desired speed, release the RES / + SET / - cruise control lever. If the RES / + SET / - cruise control lever is pushed and held to SET / - side continuously, the set speed indicated in the multi-information display stops at the lower limit of the possible setting range.

### To Manually Increase the Set Speed

1. Use the throttle to accelerate until you reach the desired speed.
2. Push and release the RES / + SET / - cruise control lever to SET / - side.

### To Manually Increase Vehicle Speed

1. Use the throttle in the normal manner to accelerate.
2. To return to the set speed, close the throttle and coast without applying the brakes. The cruise system will maintain the speed you previously set.

### To Cancel Cruise Control

### To Disengage the System

- Press the cruise control main switch. (The cruise control main indicator goes off and the set speed will be erased from memory.)

**To Temporarily Disengage the System**

1. Perform one of the following operations to disengage the system temporarily. (**SET** cruise control SET indicator temporarily goes off but the set speed remains in memory.)
   - Apply the brake lever or pedal.
   - Rotate the throttle grip past the automatically closed position in the deceleration direction.
   - CRF1100A/A3/A4
     Disengage the clutch or operate the shift lever.

2. To resume cruise control:
   - If you are still over 50 km/h (30 mph), push and release the RES / + SET / - cruise control lever to RES / + side.
   - If you are under 50 km/h (30 mph), use the throttle to increase road speed above 50 km/h (30 mph) and then push and release the RES / + SET / - cruise control lever to RES / + side.

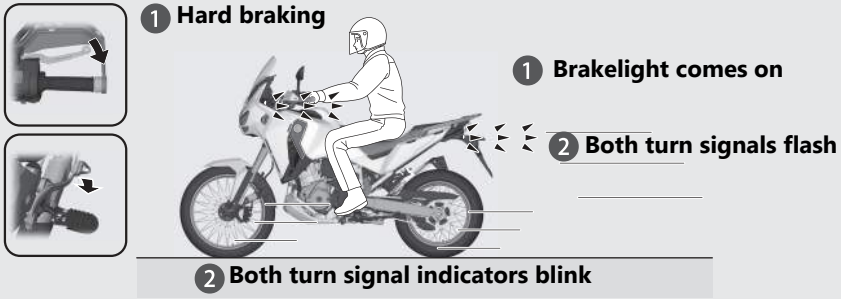
# Emergency Stop Signal

Emergency stop signal activates when the system detects hard braking about 50 km/h (31 mph) or above to alert drivers behind you about sudden braking by rapidly flashing both turn signal lights. This may help to alert drivers behind you to take appropriate means to avoid a possible collision with your vehicle.

The emergency stop signal stops operating when:

- You release the brakes.
- The ABS is deactivated.
- Your vehicle's decelerating speed becomes moderate.
- You press the hazard switch.

**When the system activates:**



- The emergency stop signal is not a system that can prevent a possible rear-end collision caused by your hard braking. It is always recommended to avoid hard braking unless it is absolutely necessary.
- The emergency stop signal does not activate with the hazard switch pressed in.
- If the ABS stops working for a certain period during braking, the emergency stop signal may not activate at all.

# DRL (Daytime Running Light)



When the headlight dimmer/passing light control switch is turned to the [≡D/⋮⋮Ⓐ] position, the headlights and DRL are switched automatically according to the ambient brightness.

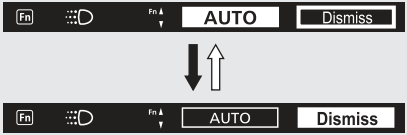
When it gets brighter, DRL lights up, and when it gets dark, low beam lights up and DRL decreases to the brightness of the position light.




**To select the DRL auto and off**

Each time the ignition switch is turned to the ▌(On) position, the DRL will automatically be set to on.

1. Start the engine.
2. Select the DRL of pop-up information using the [Fn] function sel switch.
3. Push forward or pull backward the [Fn ▲▼] function lever to select the [AUTO] or [Dismiss] of the DRL.




**Push forward the [Fn ▲▼] function lever**

**Pull backward the [Fn ▲▼] function lever**

# Cornering Light

CRF1100A4/D4/DL4

The cornering light lights up the direction of travel of the vehicle when cornering.

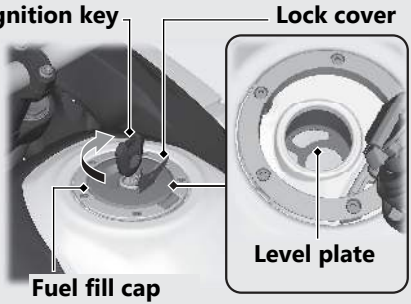
**Operating conditions:**

- When the headlights are on.
- Vehicle has been ridden at a speed of over 10 km/h (6 mph).
- When the vehicle banking left or right.

Three-step lighting state is switched by the bank angle.



# Refuelling




Do not fill with fuel above the level plate.
**Fuel type:** Unleaded petrol only
**Fuel octane number:** Your vehicle is designed to use Research Octane Number (RON) 91 or higher.
**Tank capacity:**
CRF1100A/A3/D/D3 18.8 L (4.97 US gal, 4.14 Imp gal)
CRF1100A4/D4/DL4 24.8 L (6.55 US gal, 5.46 Imp gal)

**Refuelling and Fuel Guidelines** P.17

**Opening the Fuel Fill Cap**
Open the lock cover, insert the ignition key, and turn it clockwise to open the fuel fill cap.

**Closing the Fuel Fill Cap**
1. After refuelling, push the fuel fill cap closed until it locks.
2. Remove the key and close the lock cover.
   ▶ The key cannot be removed if the fuel fill cap is not locked.

## ⚠WARNING

Petrol is highly flammable and explosive. You can be burned or seriously injured when handling fuel.

- Stop the engine, and keep heat, sparks, and flames away.
- Only handle fuel outdoors.
- Wipe up spills immediately.

# Accessory Socket

CRF1100A3/A4/D3/D4/DL4

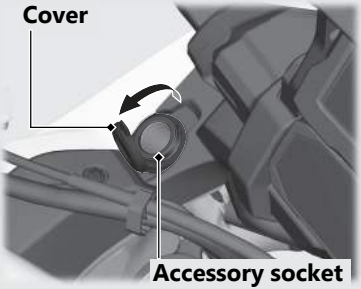
The accessory socket is located in the left side inner panel cover.

Use accessory devices at your own risk. In no event shall Honda be liable for any damages to your accessory device when in use.

Open the cover to access the socket.

Rated capacity is

**24 W (12 V, 2 A)**.




- ▶ To prevent the battery from becoming weak (or dead), keep the engine running while drawing current from the socket.
- ▶ To prevent entry of foreign matter into the socket, be sure to close the cover when the socket is not used.
- ▶ Carefully secure all connected devices, as vibration may cause damage to them or they could shift unexpectedly.

NOTICE

- Using any heat-generating accessory or improperly rated accessory can damage the socket.
- Do not use the socket in wet conditions, when or while washing or any other wet conditions as these will damage the socket.
- Do not allow the accessory's harness to become pinched or trapped.
- Do not allow the accessory's harness to interfere with the steering or controls.

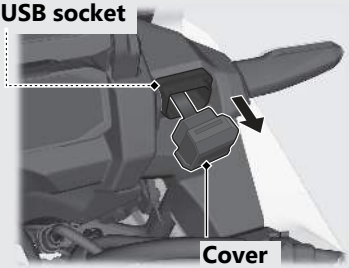
# USB Socket

The USB socket is located in the right side front turn signal light cover (CRF1100A/A3/D/D3) or right side inner panel cover (CRF1100A4/D4/DL4).
Use USB devices at your own risk. In no event shall Honda be liable for any damage to your USB device when in use.

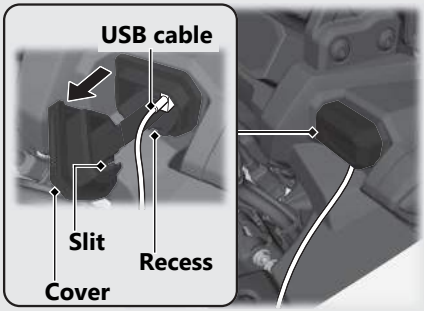
Only USB devices within the following specifications can be connected.
Open the cover to access the socket.
Rated capacity is
**7.5 W (5 V, 1.5 A)**.

**To connect your USB device**

1. Open the cover to access the USB socket.



❷ Connect a certified USB cable to the socket.
❸ Route the USB cable along the recess.
❹ Pass the USB cable through the cover slit and close the cover.




▶ To prevent the battery from becoming weak (or dead), keep the engine running while drawing current from the socket.
▶ To prevent entry of foreign matter into the socket, be sure to close the cover.
▶ Carefully secure all connected devices, as vibration may cause damage to them or they could shift unexpectedly.

NOTICE

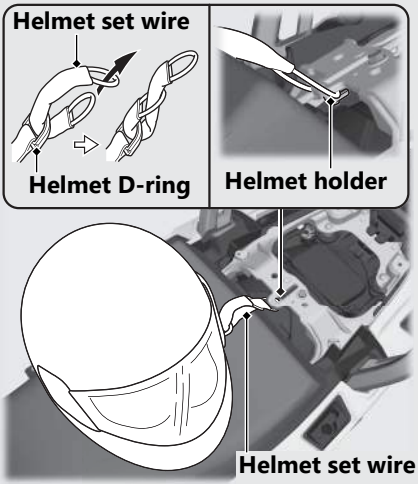
- Using any heat-generating USB devices or improperly rated USB devices can damage the socket.
- Do not use the USB socket in wet conditions, when or while washing or any other wet conditions as these will damage the USB socket.
- Do not allow the USB cable to become pinched or trapped.
- Do not allow the USB cable to interfere with the steering or controls.

# Storage Equipment



**Helmet holder**

A helmet holder is located under the rear seat.




▶ Use the helmet holder only when parked.

**Removing the rear seat** P.276

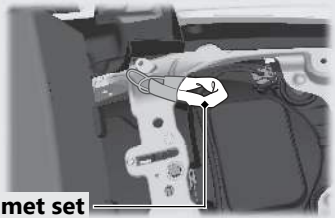
**⚠WARNING**

Riding with a helmet attached to the holder can interfere with your ability to safely operate the vehicle and could lead to a crash in which you can be seriously hurt or killed.

Use the helmet holder only while parked. Do not ride with a helmet secured by the holder.

**Helmet Set Wire**

The helmet set wire is secured on the rear fender under the rear seat.




**Removing the rear seat** P.276

**Document Bag**

The document bag is located on the underside of the front seat.

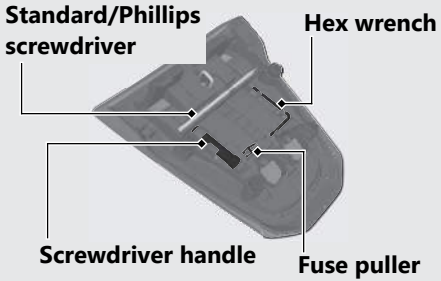



**Removing the front seat** P.273

## Storage Equipment *(Continued)*

### Fuse Puller, Hex Wrench, Standard/Phillips Screwdriver, Screwdriver Handle

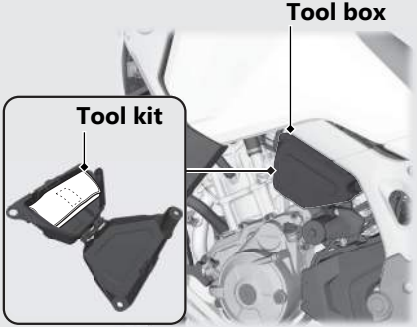
The fuse puller, hex wrench, standard/phillips screwdriver and screwdriver handle are located on the underside of the rear seat.




Removing the rear seat P.276

### Tool Kit

The tool kit is located in the tool box.

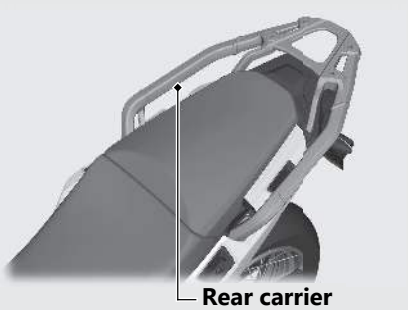



Removing the tool box P.277

**Rear Carrier**

Never exceed the maximum weight limit.

**Maximum Weight:** 10 kg (22 lb)



# Maintenance

Please read “Importance of Maintenance” and “Maintenance Fundamentals” carefully before attempting any maintenance. Refer to “Specifications” for service data.


**Importance of Maintenance** ..... P. 251
**Maintenance Schedule** ..... P. 252
**Maintenance Fundamentals** ..... P. 257
**Tools** ..... P. 269
**Removing & Installing Body Components** ..... P. 270
- Battery ..... P. 270
- Battery Box Cover ..... P. 271
- Clip ..... P. 272
- Front Seat ..... P. 273
- Rear Seat ..... P. 276
- Tool Box ..... P. 277

**Engine Oil** ..... P. 278
**Coolant** ..... P. 280
**Brakes** ..... P. 282
**Side Stand** ..... P. 286
**Drive Chain** ..... P. 287
**Wheels** ..... P. 289
**Clutch** ..... P. 291
**Throttle** ..... P. 294
**Other Adjustments** ..... P. 295
- Adjusting the Brake Lever ..... P. 295
- Adjusting the Front Suspension ..... P. 296
- Adjusting the Rear Suspension ..... P. 300
- Adjusting the Windscreen Height ..... P. 306

## Importance of Maintenance

Keeping your vehicle well-maintained is absolutely essential to your safety and to protect your investment, obtain maximum performance, avoid breakdowns, and reduce air pollution. Maintenance is the owner's responsibility. Be sure to inspect your vehicle before each ride and perform the periodic checks specified in the Maintenance Schedule.
➔P. 252

**⚠WARNING**

Improperly maintaining your vehicle or failing to correct a problem before you ride can cause a crash in which you can be seriously hurt or killed.

Always follow the inspection and maintenance recommendations and schedules in this owner's manual.

## Maintenance Safety

Always read the maintenance instructions before you begin each task and make sure that you have the tools, parts, and skills required. We cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

Follow these guidelines when performing maintenance.

- Stop the engine and remove the key.
- Place your vehicle on a firm, level surface using the side stand or a maintenance stand to provide support.
- Allow the engine, muffler, brakes, and other high-temperature parts to cool before servicing as you can get burned.
- Run the engine only when instructed, and do so in a well-ventilated area.

# Maintenance Schedule

The maintenance schedule specifies the maintenance requirements necessary to ensure safe, dependable performance, and proper emission control.

Maintenance work should be performed in accordance with Honda's standards and specifications by properly trained and equipped technicians. Your dealer meets all of these requirements. Keep an accurate record of maintenance to help ensure that your vehicle is properly maintained.
Make sure that whomever performs the maintenance completes this record.

All scheduled maintenance is considered a normal owner operating cost and will be charged to you by your dealer. Retain all receipts. If you sell the vehicle, these receipts should be transferred with the vehicle to the new owner.

Honda recommends that your dealer should road test your vehicle after each periodic maintenance is carried out.

ED, II ED, III ED type

| Items | | Pre-ride Check P. 257 | Frequency*1 × 1,000 km | 1 | 12 | 24 | 36 | 48 | Annual Check | Regular Replace | Refer to page |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | × 1,000 mi | 0.6 | 8 | 16 | 24 | 32 | | | |
| Honda Diagnostic System | ✕ | | | I | I | I | I | I | | | – |
| Fuel Line | 🔧 | | | | I | I | I | I | I | | – |
| Fuel Level | | I | | | | | | | | | 242 |
| Throttle Operation | 🔧 | I | | | I | I | I | I | I | | 294 |
| Air Cleaner *2 | 🔧 | | | | | R | | R | | | – |
| Crankcase Breather*3 | | | | | C | C | C | C | | | – |
| Spark Plug | 🔧 | | | | | I | | R | | | – |
| Valve Clearance | 🔧 | | | | | I | | I | | | – |
| Engine Oil | | I | | R | R | R | R | R | R | | – |
| Engine Oil Filter | | | | R | | R | | R | | | – |
| Clutch Oil Filter*6 | | | | R | | R | | R | | | – |
| Engine Idle Speed | 🔧 | | | | I | I | I | I | I | | – |
| Radiator Coolant *4 | | I | | | I | I | I | I | I | 3 Years | 280 |
| Cooling System | 🔧 | | | | I | I | I | I | I | | – |
| Secondary Air Supply System | 🔧 | | | | | I | | I | | | – |
| Evaporative Emission Control System | 🔧 | | | | | I | | I | | | – |

**Maintenance Level**

🔧 : Intermediate. We recommend service by your dealer, unless you have the necessary tools and are mechanically skilled. Procedures are provided in an official Honda Shop Manual.

✕ : Technical. In the interest of safety, have your vehicle serviced by your dealer.

**Maintenance Legend**

I : Inspect (clean, adjust, lubricate, or replace, if necessary)
L : Lubricate
R : Replace
C : Clean



*Continued*

| Items | | Pre-ride Check ➡ P. 257 | Frequency*1 × 1,000 km | 1 | 12 | 24 | 36 | 48 | Annual Check | Regular Replace | Refer to page |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | × 1,000 mi | 0.6 | 8 | 16 | 24 | 32 | | | |
| Drive Chain*5 | | I | | Every 1,000 km (600 mi): I L | | | | | | | 287 |
| Drive Chain Slider*5 | | | | | I | I | I | I | | | 288 |
| Brake Fluid *4 | | I | | | I | I | I | I | I | 2 Years | 282 |
| Brake Pads Wear | | I | | | I | I | I | I | I | | 283 |
| Brake System | | | | | I | I | I | I | I | | 257 |
| Brakelight Switch | | | | | I | I | I | I | I | | 285 |
| Brake Lock Operation*6 | 🔧 | | | | I | I | I | I | | | 284 |
| Headlight Aim | | | | | I | I | I | I | I | | – |
| Lights/Horn | | I | | | | | | | | | – |
| Engine Stop Switch | | I | | | | | | | | | – |
| Clutch System*7 | | I | | | I | I | I | I | I | | 291 |
| Side Stand | | I | | | I | I | I | I | I | | 286 |
| Suspension | 🔧 | | | | I | I | I | I | I | | – |
| Nuts, Bolts, Fasteners*5 | 🔧 | | | | I | I | I | I | I | | – |
| Wheels/Tyres*5 | 🔧 | I | | Every 6,000 km (4,000 mi): I | | | | | I | | 265, 289 |
| Steering Head Bearings | 🔧 | | | | I | I | I | I | I | | – |

**Notes:**

*1 : At higher odometer readings, repeat at the frequency interval established here.
*2 : Service more frequently when riding in unusually wet or dusty areas.
*3 : Service more frequently when riding in rain or at full throttle.
*4 : Replacement requires mechanical skill.
*5 : Service more frequently when riding OFF-ROAD.
*6 : CRF1100D/D3/D4/DL4 only
*7 : CRF1100A/A3/A4 only

GS, III GS type

| Items | | Pre-ride Check ➔ P. 257 | Frequency*1 | | | | | | | | Annual Check | Regular Replace | Refer to page |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | × 1,000 km | 1 | 6 | 12 | 18 | 24 | 30 | 36 | | | |
| | | | × 1,000 mi | 0.6 | 4 | 8 | 12 | 16 | 20 | 24 | | | |
| Honda Diagnostic System | | | | I | I | I | I | I | I | I | | | – |
| Fuel Line | | | | | | I | | I | | I | I | | – |
| Fuel Level | | I | | | | | | | | | | | 242 |
| Throttle Operation | | I | | | | I | | I | | I | I | | 294 |
| Air Cleaner *2 | | | | | | | R | | | R | | | – |
| Crankcase Breather*3 | | | | | C | C | C | C | C | C | | | – |
| Spark Plug | | | Every 24,000 km (16,000 mi): I<br>Every 48,000 km (32,000 mi): R | | | | | | | | | | – |
| Valve Clearance | | | | | | | | I | | | | | – |
| Engine Oil | | I | | R | | R | | R | | R | R | | – |
| Engine Oil Filter | | | | R | | | | R | | | | | – |
| Clutch Oil Filter*6 | | | | R | | | | R | | | | | – |
| Engine Idle Speed | | | | | | I | | I | | I | I | | – |
| Radiator Coolant *4 | | I | | | | I | | I | | I | I | 3 Years | 280 |
| Cooling System | | | | | | I | | I | | I | I | | – |
| Secondary Air Supply System | | | | | | | | I | | | | | – |
| Evaporative Emission Control System | | | | | | | | I | | | | | – |

**Maintenance Level**

: Intermediate. We recommend service by your dealer, unless you have the necessary tools and are mechanically skilled. Procedures are provided in an official Honda Shop Manual.

: Technical. In the interest of safety, have your vehicle serviced by your dealer.

**Maintenance Legend**

I : Inspect (clean, adjust, lubricate, or replace, if necessary)
L : Lubricate
R : Replace
C : Clean



*Continued*

| Items | | Pre-ride Check ➡ P. 257 | Frequency*1 × 1,000 km | 1 | 6 | 12 | 18 | 24 | 30 | 36 | Annual Check | Regular Replace | Refer to page |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | × 1,000 mi | 0.6 | 4 | 8 | 12 | 16 | 20 | 24 | | | |
| Drive Chain*5 | | I | Every 1,000 km (600 mi): I L | | | | | | | | | | 287 |
| Drive Chain Slider*5 | | | | | | I | | I | | I | | | 288 |
| Brake Fluid *4 | | I | | | I | I | I | I | I | I | I | 2 Years | 282 |
| Brake Pads Wear | | I | | | I | I | I | I | I | I | I | | 283 |
| Brake System | | | | | | I | | I | | I | I | | 257 |
| Brakelight Switch | | | | | | I | | I | | I | I | | 285 |
| Brake Lock Operation*6 | 🔧 | | | | I | I | I | I | I | I | | | 284 |
| Headlight Aim | | | | | | I | | I | | I | I | | – |
| Lights/Horn | | I | | | | | | | | | | | – |
| Engine Stop Switch | | I | | | | | | | | | | | – |
| Clutch System*7 | | I | | | I | I | I | I | I | I | I | | 291 |
| Side Stand | | I | | | | I | | I | | I | I | | 286 |
| Suspension | 🔧 | | | | | I | | I | | I | I | | – |
| Nuts, Bolts, Fasteners*5 | 🔧 | | | | | I | | I | | I | I | | – |
| Wheels/Tyres*5 | 🔧 | I | | | I | I | I | I | I | I | I | | 265, 289 |
| Steering Head Bearings | 🔧 | | | | | I | | I | | I | I | | – |

**Notes:**

*1 : At higher odometer readings, repeat at the frequency interval established here.
*2 : Service more frequently when riding in unusually wet or dusty areas.
*3 : Service more frequently when riding in rain or at full throttle.
*4 : Replacement requires mechanical skill.
*5 : Service more frequently when riding OFF-ROAD.
*6 : CRF1100D/D3/D4/DL4 only
*7 : CRF1100A/A3/A4 only

## Pre-ride Inspection

To ensure safety, it is your responsibility to perform a pre-ride inspection and make sure that any problem you find is corrected. A pre-ride inspection is a must, not only for safety, but because having a breakdown, or even a flat tyre, can be a major inconvenience.

Check the following items before you get on your vehicle:

- Fuel level - Fill fuel tank when necessary ➔P. 242
- Throttle - Check for smooth opening and full closing in all steering positions ➔P. 294
- Engine oil level - Add engine oil if necessary. Check for leaks ➔P. 278
- Coolant level - Add coolant if required. Check for leaks ➔P. 280
- Drive chain - Check condition and slack, adjust and lubricate if necessary ➔P. 287
- Brakes - Check operation;
  Front and Rear: check brake fluid level and pads wear ➔P. 282, ➔P. 283
- Lights and horn - Check that lights, indicators and horn function properly
- Engine stop switch - Check for proper function ➔P. 118
- CRF1100A/A3/A4
  Clutch - Check operation;
  Adjust freeplay if necessary ➔P. 291
- Side stand ignition cut-off system - Check for proper function ➔P. 286
- Wheels and tyres - Check condition, air pressure and adjust if necessary ➔P. 265

Before riding off-road check all of the preceding plus the following:

- Make sure spokes are tight. Check the rims for any damage P. 289
- Be sure the fuel fill cap is securely fastened P. 242
- Check for loose cables and other parts, and anything that appears abnormal
- Use a wrench to check the tightness of all accessible nuts, bolts and fasteners

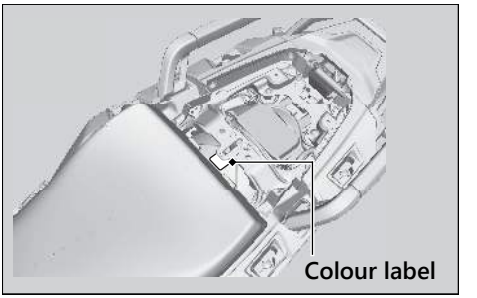
## Replacing Parts

Always use Honda Genuine Parts or their equivalents to ensure reliability and safety.

ED, II ED, III ED type

When ordering coloured components, specify the model name, colour, and code mentioned on the colour label.

The colour label is attached to the rear fender under the rear seat. P. 276




**⚠WARNING**

Installing non-Honda parts may make your vehicle unsafe and cause a crash in which you can be seriously hurt or killed.

Always use Honda Genuine Parts or equivalents that have been designed and approved for your vehicle.

## Lithium-Ion (Li-Ion) Battery

Your vehicle has a lithium-ion (li-ion) battery. Clean the battery terminals if they become dirty or corroded.



This symbol on the battery means that this product must not be treated as household waste.

NOTICE

An improperly disposed of battery can be harmful to the environment and human health. Always confirm local regulations for proper battery disposal instruction.

### What to do in an emergency

If any of the following occurs, immediately see your doctor.

- Electrolyte splashes into your eyes:
  - ▶ Wash your eyes repeatedly with cool water for at 15 minutes. Using water under pressure can damage your eyes.
- Electrolyte splashes onto your skin:
  - ▶ Remove affected clothing and wash your skin thoroughly using water.
- Electrolyte splashes into your mouth
  - ▶ Rinse mouth thoroughly with water, and do not swallow.

**⚠WARNING**

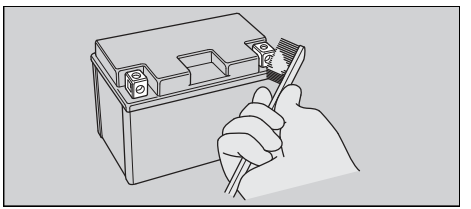
The battery contains flammable organic solvent as electrolyte.

You can be burned or seriously injured if the battery is handled improperly.

- Keep the battery away from heat, sparks, and flames.
- Keep the battery out of the reach of children.
- Do not disassemble or modify the battery or battery terminals.
- Do not short-circuit the battery with metal tools or other metal objects.
- Do not subject the battery to impacts.

### Cleaning the Battery Terminals

1. Remove the battery. P. 270
2. If the terminals are starting to corrode and are coated with a white substance, wash with warm water and wipe clean.
3. If the terminals are heavily corroded, clean and polish the terminals with a wire brush or sandpaper. Wear safety glasses.



4. After cleaning, reinstall the battery.

The battery has a limited life span. Consult your dealer about when you should replace the battery. Always replace the battery with another lithium-ion (li-ion) battery of the same type.

NOTICE

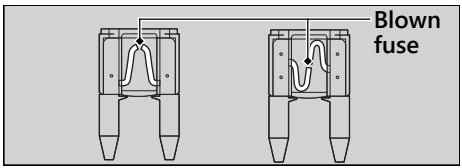
Installing non-Honda electrical accessories can overload the electrical system, discharging the battery and possibly damaging the system.

## Fuses

Fuses protect the electrical circuits on your vehicle. If something electrical on your vehicle stops working, check for and replace any blown fuses. P. 335

### Inspecting and Replacing Fuses

Turn the ignition switch to the ○ (Off) position to remove and inspect fuses. If a fuse is blown, replace with a fuse of the same rating. For fuse ratings, see "Specifications." ➡ P. 364




NOTICE

Replacing a fuse with one that has a higher rating greatly increases the chance of damage to the electrical system.

If a fuse fails repeatedly, you likely have an electrical fault. Have your vehicle inspected by your dealer.

## Engine Oil

Engine oil consumption varies and oil quality deteriorates according to riding conditions and time elapsed.

Check the engine oil level regularly, and add the recommended engine oil if necessary. Dirty oil or old oil should be changed as soon as possible.

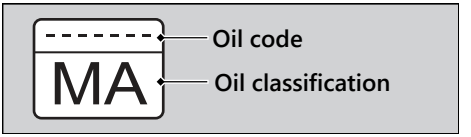
### Selecting the Engine Oil

For recommended engine oil, see "Specifications." ➡ P. 363

If you use non-Honda engine oil, check the label to make sure that the oil satisfies all of the following standards:

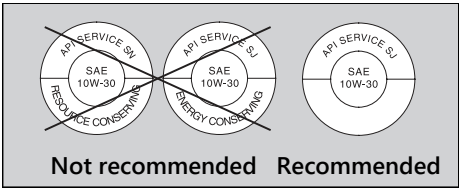
- JASO T 903 standard[*1]: MA
- SAE standard[*2]: 10W-30
- API classification[*3]: SJ or higher

[*1] The JASO T 903 standard is an index for engine oils for 4-stroke motorcycle engines. There are two classes: MA and MB. For example, the following label shows the MA classification.




*2. The SAE standard grades oils by their viscosity.

*3. The API classification specifies the quality and performance rating of engine oils. Use SJ or higher oils, excluding oils marked as "Energy Conserving" or "Resource Conserving" on the circular API service symbol.




## Brake Fluid

Do not add or replace brake fluid, except in an emergency. Use only fresh brake fluid from a sealed container. If you do add fluid, have the brake system serviced by your dealer as soon as possible.

NOTICE

Brake fluid can damage plastic and painted surfaces.

Wipe up spills immediately and wash thoroughly.

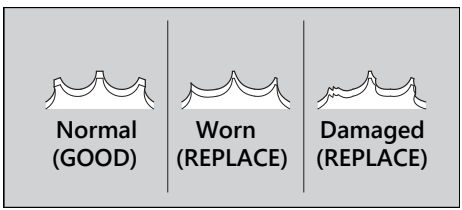
**Recommended brake fluid:**

Honda DOT 4 Brake Fluid or equivalent

## Drive Chain

The drive chain must be inspected and lubricated regularly. Inspect the chain more frequently if you often ride on bad roads, ride at high speed, or ride with repeated fast acceleration. ➡ P. 287
If the chain does not move smoothly, makes strange noises, has damaged rollers, has loose pins, has missing O-rings, or has kinks, have the chain inspected by your dealer.

Also inspect the drive sprocket and driven sprocket. If either has worn or damaged teeth, have the sprocket replaced by your dealer.

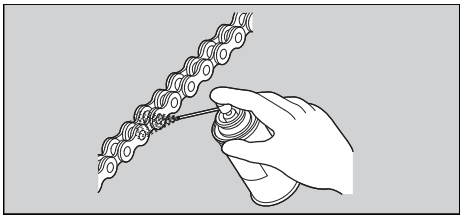



NOTICE
Use of a new chain with worn sprockets will cause rapid chain wear.

### Cleaning and Lubricating

After inspecting the slack, clean the chain and sprockets while rotating the rear wheel. Use a dry cloth with chain cleaner designed specifically for O-ring chains, or neutral detergent. Use a soft brush if the chain is dirty.
After cleaning, wipe dry and lubricate with the recommended lubricant.

**Recommended lubricant:**
Drive chain lubricant designed specifically for O-ring chains
If not available, use SAE 80 or 90 gear oil.



Do not use a steam cleaner, a high pressure cleaner, a wire brush, volatile solvent such as petrol and benzene, abrasive cleaner, chain cleaner or lubricant NOT designed specifically for O-ring chains as these can damage the rubber O-ring seals.
Avoid getting lubricant on the brakes or tyres.
Avoid applying excess chain lubricant to prevent spray onto your clothes and the vehicle.

## Recommended Coolant

Except Hong Kong, Singapore

Pro Honda HP Coolant is a pre-mixed solution of antifreeze and distilled water.

**Concentration:**
50% antifreeze and 50% distilled water

A concentration of antifreeze below 40% will not provide proper corrosion and cold temperature protection.

A concentration of up to 60% will provide better protection in colder climates.

Hong Kong, Singapore

Use only genuine HONDA PRE-MIX COOLANT without diluting with water. Genuine HONDA PRE-MIX COOLANT is excellent at preventing corrosion and overheating.

The coolant should be inspected and replaced properly by following the maintenance schedule. P. 253

NOTICE

Using coolant not specified for aluminium engines or tap/mineral water can cause corrosion.

## Crankcase Breathers

Service more frequently when riding in rain, at full throttle, or after the vehicle is washed or overturned. Service if the deposit level can be seen in the transparent section of the drain tube.

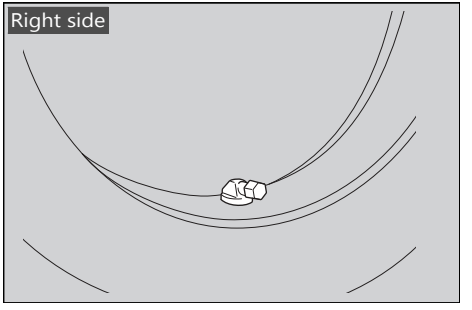
If the drain tube overflows, the air filter may become contaminated with engine oil, causing poor engine performance.

## Tyres (Inspecting/Replacing)

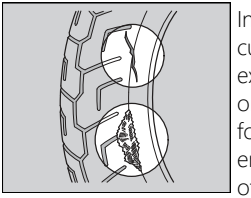
### Checking the Air Pressure

Visually inspect your tyres and use an air pressure gauge to measure the air pressure before each off-road ride and whenever you return to pavement after riding off-road. If you only ride on pavement, check the pressure at least once a month or any time you think the tyres look low. Always check air pressure when your tyres are cold.

If you decide to adjust the tyre pressure for a particular off-road riding condition, make changes a little at a time.
Even if the direction of the valve stem is changed, do not return it to the original position. Have your vehicle inspected by your dealer.

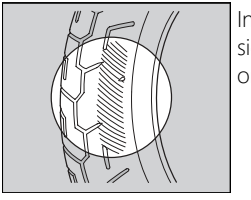



## Inspecting for Damage



Inspect the tyres for cuts, slits, or cracks that expose fabric or cords, or nails or other foreign objects embedded in the side of the tyre or the tread. Also inspect for any unusual bumps or bulges in the side walls of the tyres.

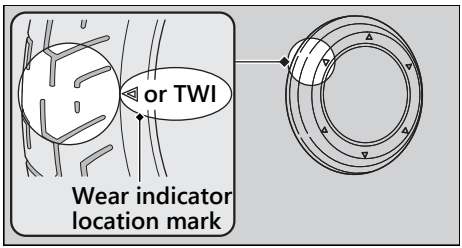
## Inspecting for Abnormal Wear



Inspect the tyres for signs of abnormal wear on the contact surface.

### Inspecting Tread Depth

Inspect the tread wear indicators. If they become visible, replace the tyres immediately. For safe riding, you should replace the tyres when the minimum tread depth is reached.




## ⚠WARNING

Riding on tyres that are excessively worn or improperly inflated can cause a crash in which you can be seriously hurt or killed.

Follow all instructions in this owner's manual regarding tyre inflation and maintenance.

Germany

German law prohibits use of tyres whose tread depth is less than 1.6 mm.

Have your tyres replaced by your dealer.
For recommended tyres, air pressure, and minimum tread depth, see "Specifications."
P. 362
Follow these guidelines whenever you replace tyres:

- Use the recommended tyres or their equivalents of the same size, construction, speed rating, and load range.
- Have the wheel balanced with Honda Genuine balance weights or equivalent after the tyre is installed.
- Do not install a tube inside a tubeless tyre on this vehicle. Excessive heat build-up can cause the tube to burst.
- Use only tubeless tyres on this vehicle. The rims are designed for tubeless tyres, and during hard acceleration or braking, a tube-type tyre could slip on the rim and cause the tyre to rapidly deflate.
- If M+S tyres are installed, keep maximum speed to less than 160 km/h (99 mph). The vehicle will not be stable when traveling at speeds of 160 km/h (99 mph) or faster.

**⚠WARNING**

Installing improper tyres on your vehicle can adversely affect handling and stability, and can cause a crash in which you can be seriously hurt or killed.

Always use the size and type of tyres recommended in this owner's manual.

# Tools

The tool kit is stored in the tool box. ➔ P. 248

You can perform some roadside repairs, minor adjustments and parts replacement with the provided tools.

- Spark plug wrench
- 10 × 14 mm Open end wrench
- 14 × 17 mm Open end wrench
- 19 mm Box end wrench

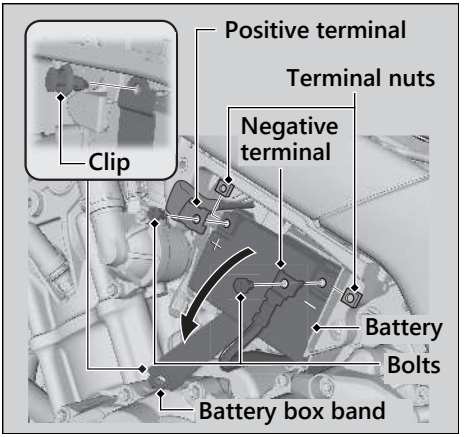
The helmet set wire is secured with the rear fender under the rear seat. ➔ P. 247

- Helmet set wire

The 5 mm hex wrench, standard/phillips screwdriver, screwdriver handle and fuse puller are located on the underside of the rear seat. ➔ P. 248

- 5 mm Hex wrench
- Standard/Phillips screwdriver
- Screwdriver handle
- Fuse puller

# Battery




## Removal

Make sure the ignition switch is in the ○ (Off) position.

1. Remove the tool box. ➡ P. 277
2. Disconnect the negative ⊖ terminal from the battery.
3. Disconnect the positive ⊕ terminal from the battery.
4. Remove the clip. ➡ P. 272
5. Open the battery box band.
6. Remove the battery from the battery case taking care not to drop the terminal nuts.

## Installation

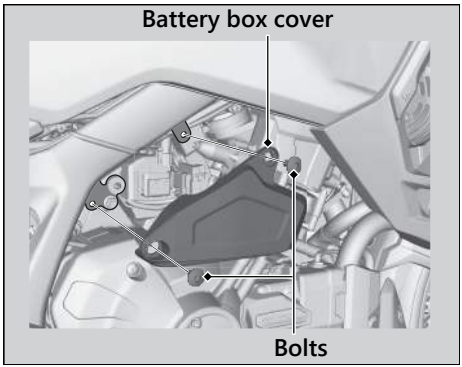
Install the parts in the reverse order of removal. Always connect the positive ⊕ terminal first.

Make sure that bolts and nuts are tight.

Make sure the clock information is correct after the battery is reconnected. ➡ P. 93

For proper handling of the battery, see
"Maintenance Fundamentals." ➡ P. 259
"Battery Goes Dead." ➡ P. 334

# Battery Box Cover




## Removal

1. Remove the bolts using the hex wrench provided on the underside of the rear seat. P. 248
2. Remove the battery box cover.

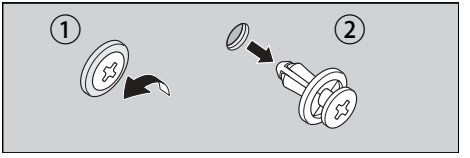
## Installation

Install the parts in the reverse order of removal.

# Clip

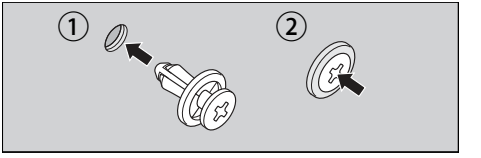
## Removal

1. Slightly, turn the pin counterclockwise by a Phillips screwdriver until it pop-up to release the lock.
2. Pull the clip out of the hole.



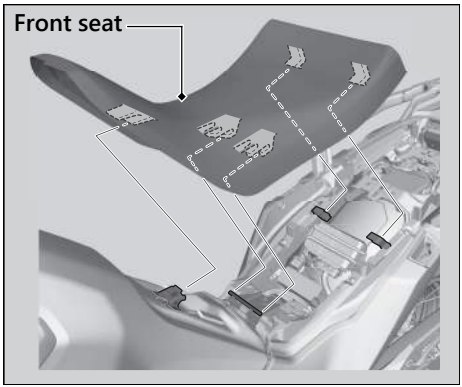

## Installation

1. Insert the clip into the hole.
2. Push the pin in.



# Front Seat

## Removal



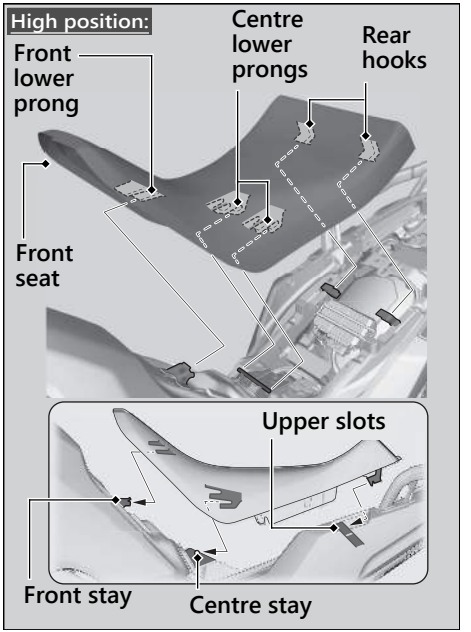

1. Remove the rear seat. P. 276
2. Remove the front seat while pulling it backward and upward.

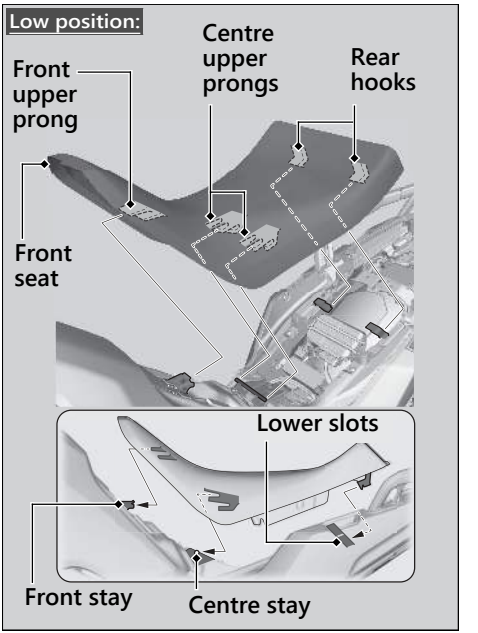
## Installation

1. When setting the high seat position:
   Insert the front lower prong and centre lower prongs into the front stay and centre stay on the fuel tank, and insert the rear hooks into the upper slots.
   When setting the low seat position:
   Insert the front upper prong and centre upper prongs into the front stay and centre stay on the fuel tank, and insert the rear hooks into the lower slots.



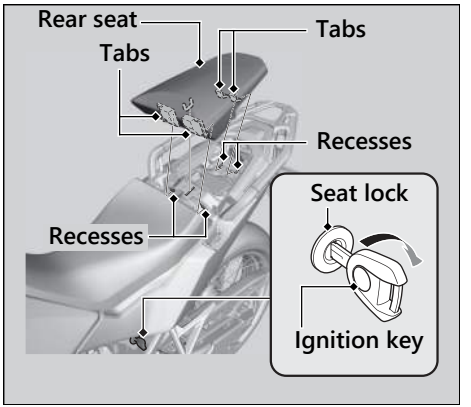
*Continued*


High position:
Front lower prong
Centre lower prongs
Rear hooks
Front seat
Upper slots
Front stay
Centre stay


Low position:
Front upper prong
Centre upper prongs
Rear hooks
Front seat
Lower slots
Front stay
Centre stay

2. Install the front seat while pushing it forward and downward.
   ▶ Make sure that the seat is locked securely in position by pulling it up lightly.
3. Install the rear seat.

# Rear Seat




## Removal

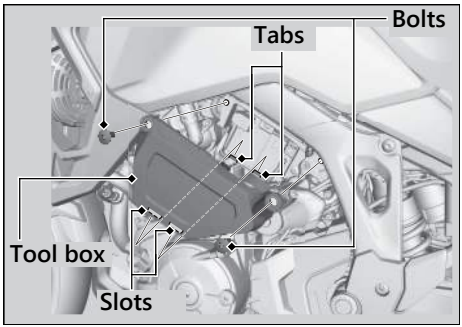
1. Insert the ignition key into the seat lock.
2. Turn the ignition key clockwise, then push the rear seat forward and up.

## Installation

1. Insert the tabs into the recesses.
2. Push down on the front of the rear seat until it locks in place.
   ▶ Make sure that the seat is locked securely in position by pulling it up lightly.

The seat locks automatically when closed. Take care not to lock your key in the compartment under the rear seat.

# Tool Box




## Removal

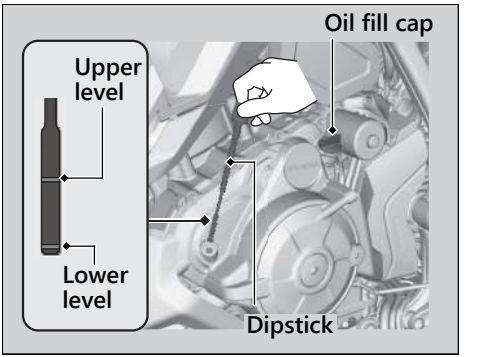
1. Remove the bolts using the hex wrench provided on the underside of the rear seat. P. 248
2. Remove the tool box by releasing its slots from the tabs.

## Installation

Install the parts in the reverse order of removal.

## Checking the Engine Oil

1. Place your vehicle on its side stand on a firm, level surface.
2. If the engine is cold, idle the engine for 3 to 5 minutes.
3. Turn the ignition switch to the ○ (Off) position and wait for 2 to 3 minutes.
4. Place your vehicle in an upright position on a firm, level surface.
5. Remove the dipstick and wipe it clean.
6. Insert the dipstick until it seats, but don't screw it in.
7. Check that the oil level is between the upper level and lower level marks on the dipstick.
8. Securely install the dipstick.



## Adding Engine Oil

If the engine oil is below or near the lower level mark, add the recommended engine oil.
➡P. 261, ➡P. 363

**1.** Remove the oil fill cap. Add the recommended oil until it reaches the upper level mark.
- ▶ Place your vehicle in an upright position on a firm, level surface when checking the oil level.
- ▶ Do not overfill above the upper level mark.
- ▶ Make sure no foreign objects enter the oil filler opening.
- ▶ Wipe up any spills immediately.

**2.** Securely reinstall the oil fill cap.

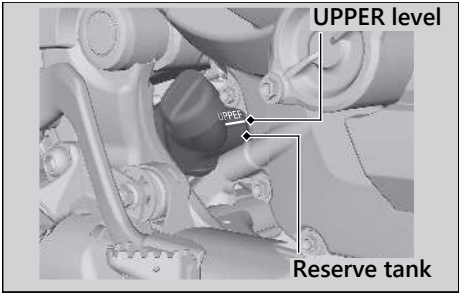
NOTICE
Overfilling with oil or operating with insufficient oil can cause damage to your engine. Do not mix different brands and grades of oil. They may affect lubrication and clutch operation.

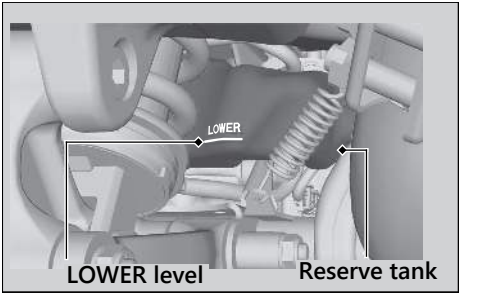
For the recommended oil and oil selection guidelines, see "Maintenance Fundamentals."
➡P. 261

## Checking the Coolant

Check the coolant level in the reserve tank while the engine is cold.

1. Place your vehicle on a firm, level surface.
2. Hold your vehicle in an upright position.
3. Check that the coolant level is between the UPPER level and LOWER level marks on the reserve tank.



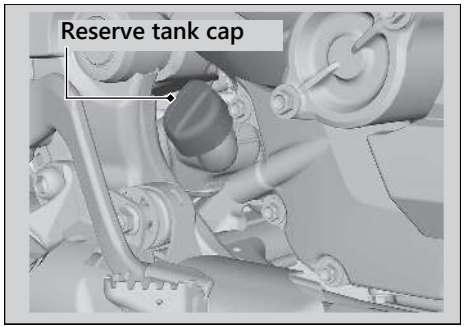




If the coolant level is dropping noticeably or the reserve tank is empty, you likely have a serious leak. Have your vehicle inspected by your dealer.

## Adding Coolant

If the coolant level is below the LOWER level mark, add the recommended coolant (P. 264) until the level reaches the UPPER level mark. Add fluid only from the reserve tank cap and do not remove the radiator cap.

1. Remove the reserve tank cap and add fluid while monitoring the coolant level.
   ▶ Do not overfill above the UPPER level mark.
   ▶ Make sure no foreign objects enter the reserve tank opening.
2. Securely reinstall the reserve tank cap.




## ⚠WARNING

Removing the radiator cap while the engine is hot can cause the coolant to spray out, potentially scalding you.

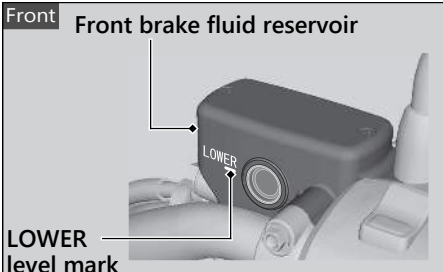
Always let the engine and radiator cool down before removing the radiator cap.

## Checking Brake Fluid

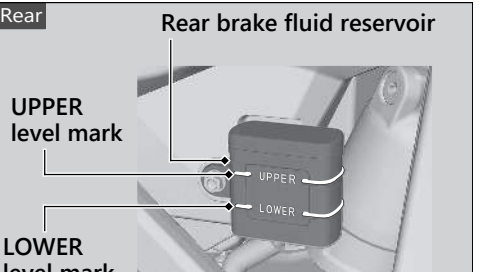
1. Place your vehicle in an upright position on a firm, level surface.
2. Front Check that the brake fluid reservoir is horizontal and that the fluid level is above the LOWER level mark.
   Rear Check that the brake fluid reservoir is horizontal and that the fluid level is between the LOWER level and UPPER level marks.

If the brake fluid level in either reservoir is below the LOWER level mark or the brake lever and pedal freeplay becomes excessive, inspect the brake pads for wear.
If the brake pads are not worn, you most likely have a leak. Have your vehicle inspected by your dealer.

Front




Rear

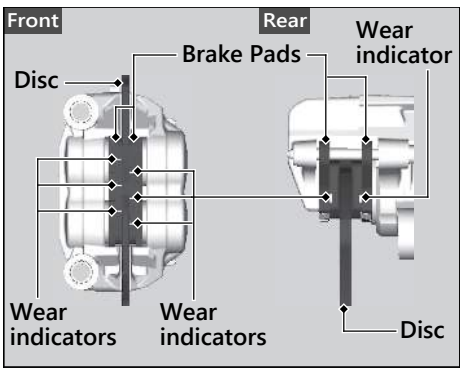


## Inspecting the Brake Pads

Check the condition of the brake pad wear indicators.

Front The pads need to be replaced if a brake pad is worn to the bottom of the indicator.

Rear The pads need to be replaced if a brake pad is worn to the indicator.



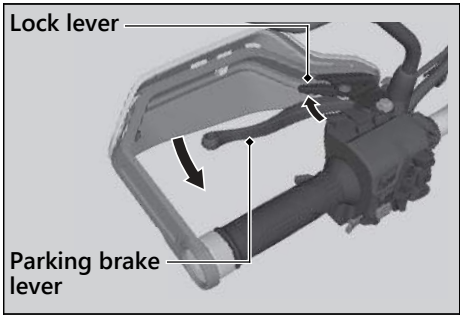

1. Front Inspect the brake pads from in front of the brake caliper.
   ▶ Always inspect both left and right brake calipers.
2. Rear Inspect the brake pads from the rear right of the vehicle.

If necessary, have the pads replaced by your dealer.

Always replace both left and right brake pads at the same time.

# Checking the Parking Brake

CRF1100D/D3/D4/DL4

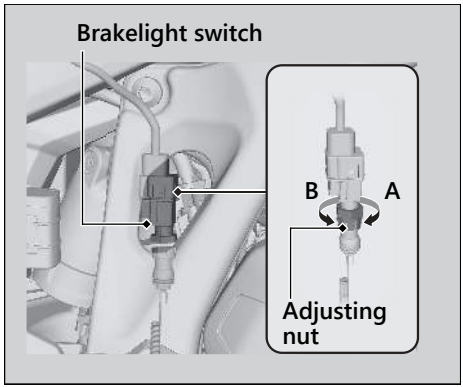



Place your vehicle on a firm, level surface. Stop the engine and push your vehicle while the parking brake is set to check the efficacy of the parking brake.

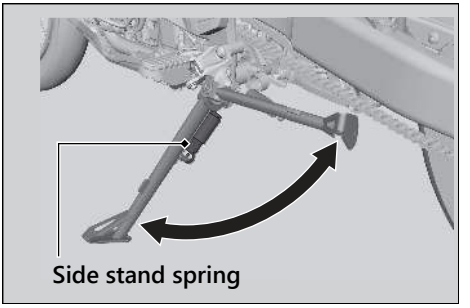
If the efficacy of the parking brake becomes weak, have the brake adjusted by your dealer.

## Adjusting the Brakelight Switch

Check the operation of the brakelight switch. Hold the brakelight switch and turn the adjusting nut in the direction A if the switch operates too late, or turn the nut in the direction B if the switch operates too soon.



## Checking the Side Stand




1. Check that the side stand operates smoothly. If the side stand is stiff or squeaky, clean the pivot area and lubricate the pivot bolt with clean grease.
2. Check the spring for damage or loss of tension.
3. CRF1100A/A3/A4
   Sit on the vehicle, shift the transmission to Neutral, and raise the side stand.
   CRF1100D/D3/D4/DL4
   Sit on the vehicle and raise the side stand.
4. CRF1100A/A3/A4
   Start the engine, pull the clutch lever in, and shift the transmission into gear.
   CRF1100D/D3/D4/DL4
   Start the engine and press the **D-S** side of N-D switch to switch the transmission into D mode.
5. Lower the side stand all the way. The engine should stop as you lower the side stand. If the engine doesn't stop, have your vehicle inspected by your dealer.

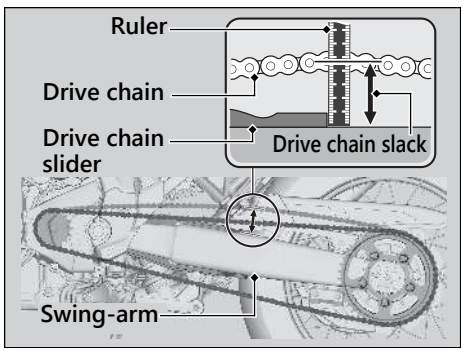
## Inspecting the Drive Chain Slack

Check the drive chain slack at several points along the chain. If the slack is not constant at all points, some links may be kinked and binding.
Have the chain inspected by your dealer.

1. Shift the transmission to Neutral. Stop the engine.
2. Place your vehicle on its side stand on a firm, level surface.
3. Pull the upper half of the drive chain up and check the chain slack between the drive chain and swing-arm at the end of the drive chain slider.

**Drive chain slack:**
48 - 53 mm (1.9 - 2.1 in)

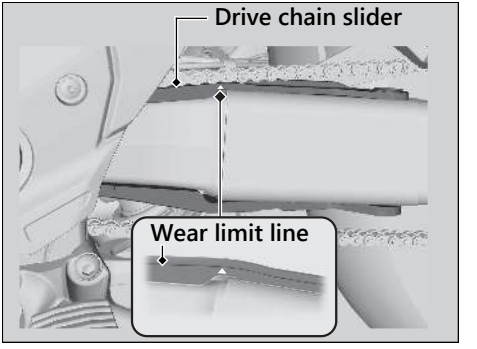
▶ Do not ride your vehicle if the slack exceeds 60 mm (2.4 in).



4. Roll the vehicle forward and check that the chain moves smoothly.
5. Inspect the sprockets. P. 263
6. Clean and lubricate the drive chain. P. 263

## Checking the Drive Chain Slider

Check the condition of the drive chain slider. The drive chain slider will need to be replaced if the chain slider is worn to the wear limit line.
If necessary, have the drive chain slider replaced by your dealer.

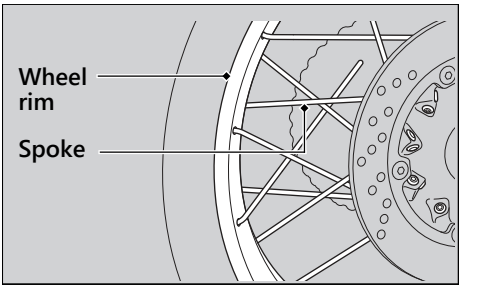


## Wheels Rims & Spokes

Keeping the wheels true (round) and maintaining correct spoke tension is critical to safe vehicle operation.
Excessively loose spokes may result in instability at high speeds and possible loss of control.

It is not necessary to remove the wheels to perform the recommended service in the Maintenance Schedule.

1. Inspect the wheel rims and spokes for damage.
2. Tighten any loose spokes.
   ▶ Use the ballpoint hexagon wrench with a length of 140 mm (5.5 in) or more.
3. Rotate the wheel slowly to see if it appears to "wobble." If it does, the rim is out of round or not "true." If the wobble is noticeable, see your dealer for inspection.



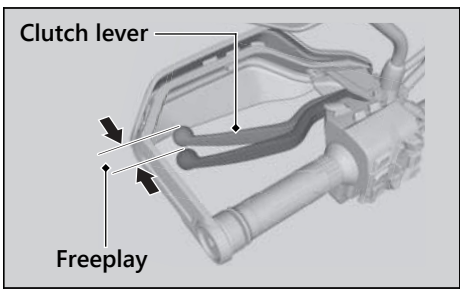
# Checking the Clutch

CRF1100A/A3/A4

## Checking the Clutch Lever Freeplay

Check the clutch lever freeplay.

**Freeplay at the clutch lever:**
10 - 20 mm (0.4 - 0.8 in)




Check the clutch cable for kinks or signs of wear. If necessary, have it replaced by your dealer.

Lubricate the clutch cable with a commercially available cable lubricant to prevent premature wear and corrosion.

NOTICE

Improper freeplay adjustment can cause premature clutch wear.

# Adjusting the Clutch Lever Freeplay

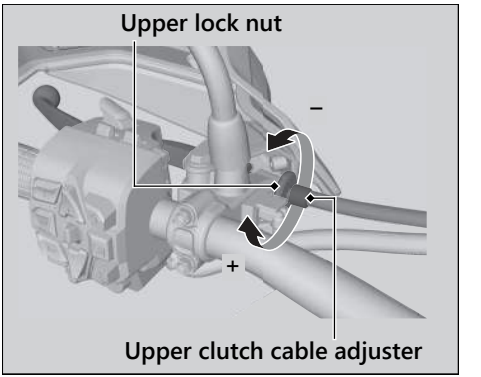
CRF1100A/A3/A4



## Upper Adjustment

Attempt adjustment with the upper clutch cable adjuster first.

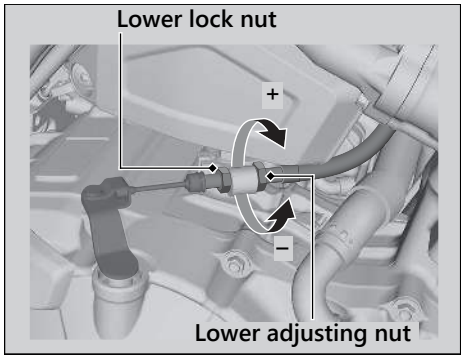
1. Loosen the upper lock nut.
2. Turn the upper clutch cable adjuster until the freeplay is 10 - 20 mm (0.4 - 0.8 in).
3. Tighten the upper lock nut and check the freeplay again.




## Lower Adjustment

If the upper clutch cable adjuster is threaded out near its limit, or the correct freeplay cannot be obtained, attempt adjustment with the lower clutch cable adjusting nut.

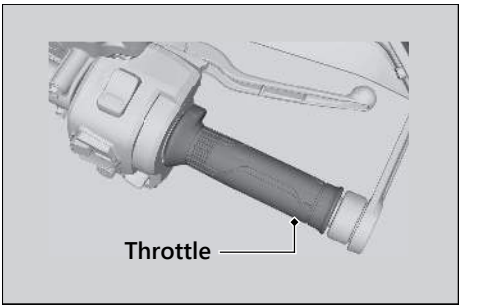
1. Loosen the upper lock nut and turn the upper clutch cable adjuster all the way in (to provide maximum freeplay). Tighten the upper lock nut.
2. Loosen the lower lock nut.
3. Turn the lower clutch cable adjusting nut until the clutch lever freeplay is 10 - 20 mm (0.4 - 0.8 in).
4. Tighten the lower lock nut and check the clutch lever freeplay.
5. Start the engine, pull the clutch lever in, and shift into gear. Make sure the engine does not stall and the vehicle does not creep. Gradually release the clutch lever and open the throttle. Your vehicle should move smoothly and accelerate gradually.




If proper adjustment cannot be obtained or the clutch does not work correctly, see your dealer.

## Checking the Throttle

With the engine off, check that the throttle rotates smoothly from fully closed to fully open. If the throttle does not move smoothly or close automatically, have the vehicle inspected by your dealer.



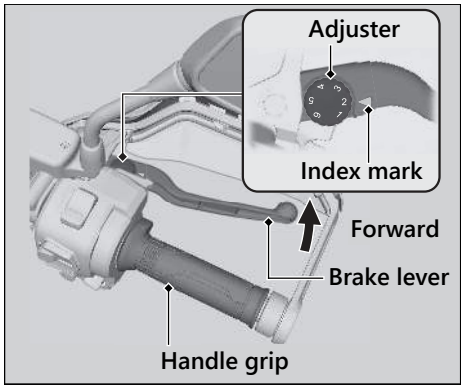
## Adjusting the Brake Lever

You can adjust the distance between the brake lever and handle grip.

### Adjustment method

Turn the adjuster until the numbers align with the index mark while pushing the lever forward in the desired position.
After adjustment, check that the lever operates correctly before riding.

NOTICE
Do not turn the adjuster beyond its natural limit.



# Adjusting the Front Suspension

## Spring Preload

CRF1100A/D

You can adjust the spring preload by the adjuster to suit the load or the road surface. Turn the adjuster using the box end wrench provided in the tool kit. ➡P. 269

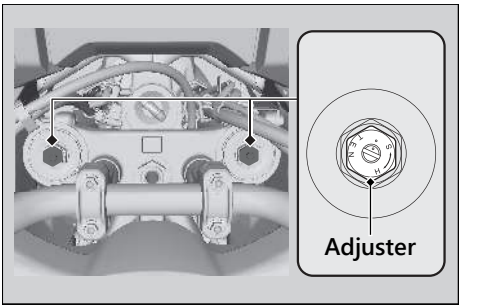
The spring preload adjuster has 15 turns. Turn clockwise to increase spring preload (hard), or turn counterclockwise to decrease spring preload (soft).

CRF1100A

The standard position is the 3 turns from the full soft position.

CRF1100D

The standard position is the 6 turns from the full soft position.



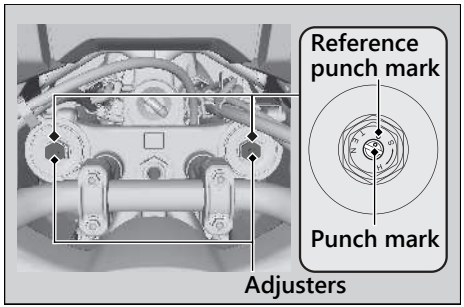

NOTICE

Do not turn the adjuster beyond its limits. Adjust both left and right forks to the same spring preload.

## Rebound Damping

CRF1100A/D

You can adjust the rebound damping by the adjuster to suit the load or the road surface.
Turn the adjuster using the Standard/Phillips screwdriver provided on the underside of the rear seat. P. 248
The rebound damping adjuster has 3 turns or more.
Turn clockwise to increase rebound damping (hard), or turn counterclockwise to decrease rebound damping (soft).
The standard position is 2 3/4 turns from the maximum setting so that the punch mark on the adjuster aligns with the reference punch mark.




NOTICE

Do not turn the adjuster beyond its limits.
Adjust both left and right forks to the same rebound damping.

## Compression Damping

CRF1100A/D

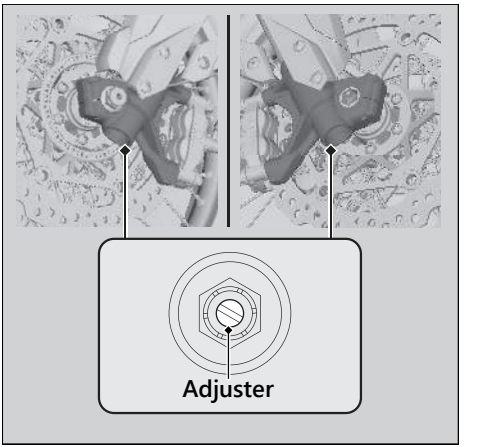
You can adjust the compression damping by the adjuster to suit the load or the road surface.

Turn the adjuster using the Standard/Phillips screwdriver provided on the underside of the rear seat. P. 248

The compression damping adjuster has 12 position or more.

Turn clockwise to increase compression damping (hard), or turn counterclockwise to decrease compression damping (soft).

The standard position is 9 clicks from the maximum setting.




NOTICE

Do not turn the adjuster beyond its limits. Adjust both left and right forks to the same compression damping.

## Damping

CRF1100A3/A4/D3/D4/DL4

- When the riding mode is changed, front suspension damping is automatically selected to a setting corresponding to the riding mode. ➡P. 149
- You can change the [S] [Overall] and [Front] on the [USER 1 MODE] and [USER 2 MODE] of the riding mode. ➡P. 79

- **Available setting range:**
  [Overall]: [H] Hard / [M] Medium / [S] Soft / [O] Off Road
  [Front]: [-]/[Medium]/[+]
- **Default:**
  [Overall]
  [USER 1 MODE]: [M] Medium
  [USER 2 MODE]: [S] Soft
  [Front]: [Medium]

# Adjusting the Rear Suspension

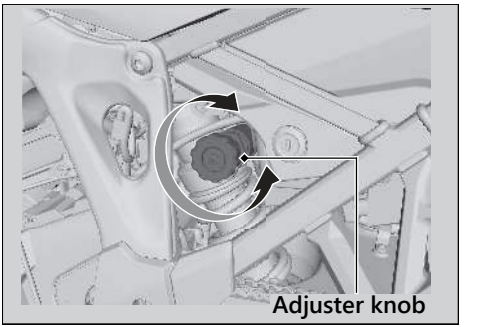
## Spring Preload

CRF1100A/D

You can adjust the spring preload by the adjuster knob to suit the load or the road surface. The spring preload adjuster has 35 position or more. Turn the clockwise to increase spring preload (high), or turn counterclockwise to decrease spring preload (low).

Turn the adjuster counterclockwise (low) until it will no longer turn (lightly seat). Turn the adjuster clockwise (high) until it clicks. This click is position 0.

The standard position is 7 clicks from the minimum setting.




NOTICE

Do not turn the adjuster beyond its limits.

NOTICE

The rear shock absorber damper unit contains high pressure nitrogen gas. Do not attempt to disassemble, service, or improperly dispose of the damper. See your dealer.

CRF1100A3/A4/D3/D4/DL4

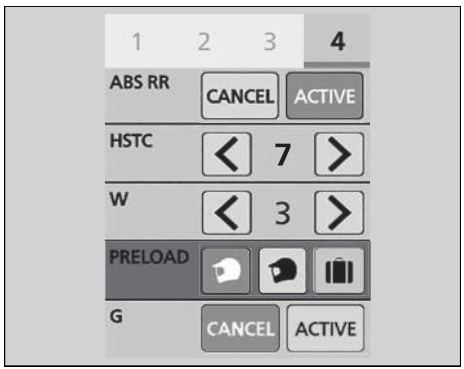
The electrical adjustable suspension allows the preload of the rear suspension to be adjusted in four levels according to riding and load conditions.

The rear suspension spring preload adjustment can be changed when your vehicle is stopped or when riding at a constant speed without sudden acceleration, sudden deceleration, wheelspin, wheelies or jumps, etc.

When riding on rough roads or when using tyres with diameters that are extremely different from the recommended tyres, the system may not operate even when riding is stable.

If you change the preload after you start riding, the grounding ability will change as the vehicle height changes. Be careful when changing the preload while riding.

1. Select the gold image display. P. 84
2. Select page 4. P. 47
3. Press the ENT switch.
4. Select [PRELOAD].
5. Push the ◀ or ▶ of the ◀ ▶ sel left/ right switch until the desired value is displayed.




6. Press the ⮌ back switch.

You can also perform the above settings by using the touch screen.

The rear suspension adjustment provides the following settings.

| Status icon | Riding condition |
|---|---|
|  | Rider only (Minimum preload) |
|  | Rider and luggage |
|  | Rider and passenger |
|  | Rider, passenger and luggage (Maximum preload) |

**Default:** Rider only

- You can change the [PRELOAD] [Preload] on the [USER 1 MODE] and [USER 2 MODE] of the riding mode. P. 79

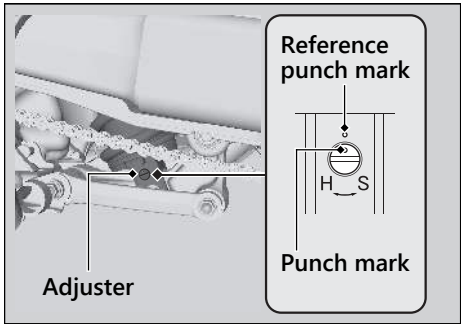
NOTICE

The rear shock absorber damper unit contains high pressure nitrogen gas. Do not attempt to disassemble, service, or improperly dispose of the damper. See your dealer.

## Rebound Damping

CRF1100A/D

You can adjust the rebound damping by the adjuster to suit the load or the road surface.
Turn the adjuster using the Standard/Phillips screwdriver provided on the underside of the rear seat. P. 248
Turn clockwise to increase rebound damping (hard), or turn counterclockwise to decrease rebound damping (soft).
The standard position is 8 clicks from the maximum setting so that the punch mark on the adjuster aligns with the reference punch mark.




NOTICE
Do not turn the adjuster beyond its limits.

NOTICE
The rear shock absorber damper unit contains high pressure nitrogen gas. Do not attempt to disassemble, service, or improperly dispose of the damper. See your dealer.

## Compression Damping

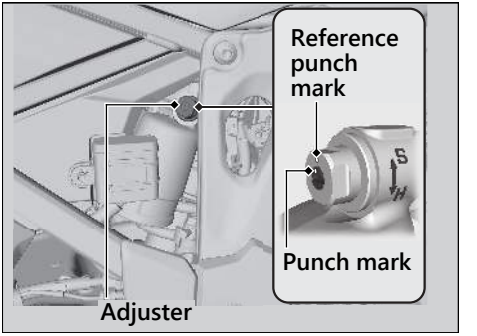
CRF1100A/D

You can adjust the compression damping by the adjuster to suit the load or the road surface.

Turn the adjuster using the Standard/Phillips screwdriver provided on the underside of the rear seat. P. 248

Turn clockwise to increase compression damping (hard), or turn counterclockwise to decrease compression damping (soft).

The standard position is 12 clicks from the maximum setting so that the punch mark on the adjuster aligns with the reference punch mark.




NOTICE

Do not turn the adjuster beyond its limits.

NOTICE

The rear shock absorber damper unit contains high pressure nitrogen gas. Do not attempt to disassemble, service, or improperly dispose of the damper. See your dealer.

## Damping

CRF1100A3/A4/D3/D4/DL4

- When the riding mode is changed, rear suspension damping is automatically selected to a setting corresponding to the riding mode. P. 149
- You can change the [S] [Overall] and [Rear] on the [USER 1 MODE] and [USER 2 MODE] of the riding mode. P. 79

- **Available setting range:**
  [Overall]: [H] Hard / [M] Medium / [S] Soft / [O] Off Road
  [Rear]: [-]/[Medium]/[+]
- **Default:**
  [Overall]
  [USER 1 MODE]: [M] Medium
  [USER 2 MODE]: [S] Soft
  [Rear]: [Medium]

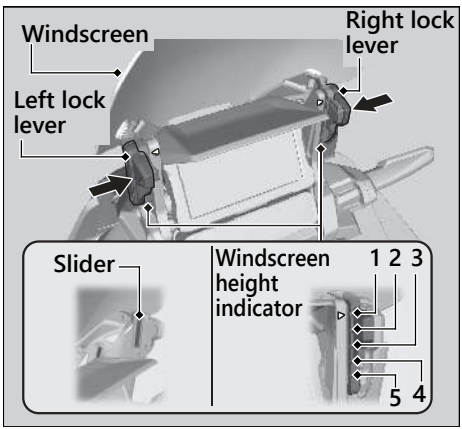
NOTICE

The rear shock absorber damper unit contains high pressure nitrogen gas. Do not attempt to disassemble, service, or improperly dispose of the damper. See your dealer.

# Adjusting the Windscreen Height

You can adjust the windscreen height 1 of 5 positions.
Windscreen height indicator shows the windscreen height.
The standard position is 1.
▶ Do not adjust the windscreen while riding.

1. Push the right and left lock levers to unlock the screen.
2. Continue to push the right and left lock levers, move the right and left lock levers upward or downward to raise or lower the windscreen.
3. Release the right and left lock levers at the desired position while checking height the indicator.
   ▶ Make sure that the windscreen is locked securely by slightly moving the right and left lock levers up or down.



If the windscreen does not move smoothly, clean the sliders using a sponge or a soft towel with neutral detergent to remove dust.
▶ Do not apply a lubricant to the sliders.
If the windscreen does not move smoothly after cleaning the sliders, have your vehicle inspected by your dealer.

# Troubleshooting


**Engine Will Not Start (HISS indicator stays on)** ..... P. 309
**Overheating (Segment H flashes in coolant temperature gauge)** ..... P. 310
**Warning Indicators On or Flashing** ..... P. 311
Low Oil Pressure Indicator ..... P. 311
PGM-FI (Programmed Fuel Injection) Malfunction Indicator Lamp (MIL) ..... P. 312
ABS (Anti-lock Brake System) Indicator ..... P. 313
Torque Control Indicator ..... P. 314
**If the "–" Indicator is Blinking in the Gear Position Window While Riding** ..... P. 315
**Other Warning Indications** ..... P. 316
Fuel Gauge Failure Indication ..... P. 316
Coolant Temperature Gauge Failure Indication ..... P. 317
Handle Grip Heater Failure Indication ..... P. 317
**Tyre Puncture** ..... P. 318
**Audio System Trouble** ..... P. 319
**Electrical Trouble** ..... P. 334
Battery Goes Dead ..... P. 334
Burned-out Light Bulb ..... P. 334
Blown Fuse ..... P. 335

## Starter Motor Operates But Engine Does Not Start

Check the following items:

- Check the correct engine starting sequence. P. 222
- Check that there is petrol in the fuel tank.
- Check if the PGM-FI malfunction indicator lamp (MIL) is on.
  - ▶ If the indicator lamp is on, contact your dealer as soon as possible.
- Check if the HISS indicator stays on.
  - ▶ Turn the ignition switch to the ○ (Off) position and remove the key. Reinsert the key and turn the ignition switch to the | (On) position. If the indicator still stays on, check the following:
    Check if there is no another HISS key (including spare key) close to the ignition switch.
    Check if there are no any metallic seals or stickers on the key.
    If the HISS indicator still stays on, have your vehicle inspected by your dealer.

## Starter Motor Does Not Operate

Check the following items:

- Check the correct engine starting sequence. P. 222
- Make sure engine stop switch is in the ○ (Run) position. P. 118
- Check for a blown fuse. P. 335
- Check for a loose battery connection (P. 270) or battery terminal corrosion (P. 260).
- Check the condition of the battery. P. 334

If the problem continues, have your vehicle inspected by your dealer.

# Overheating (Segment H flashes in coolant temperature gauge)

The engine is overheating when the following occurs:

- All segments turn red and the segment H flashes in the coolant temperature gauge.
- Acceleration becomes sluggish.
  If this occurs, pull safely to the side of the road and perform the following procedure.

Extended fast idling may cause all segments turn red and the segment H to flash.

NOTICE

Continuing to ride with an overheated engine can cause serious damage to the engine.

1. Stop the engine using the ignition switch, and then turn the ignition switch to the | (On) position.
2. Check that the radiator fan is operating, and then turn the ignition switch to the ○ (Off) position.

   If the fan is not operating:

   Suspect a fault. Do not start the engine. Transport your vehicle to your dealer.

   If the fan is operating:

   Allow the engine to cool with the ignition switch in the ○ (Off) position.
3. After the engine has cooled, inspect the radiator hose and check if there is a leak. ➡P. 280

   If there is a leak:

   Do not start the engine. Transport your vehicle to your dealer.
4. Check the coolant level in the reserve tank. ➡P. 280

   ► Add coolant as necessary.
5. If 1-4 check normal, you may continue riding, but closely monitor the temperature gauge.

## Low Oil Pressure Indicator

If the low oil pressure indicator comes on, pull safely to the side of the road and stop the engine.

NOTICE
Continuing to ride with low oil pressure can cause serious damage to the engine.

1. Check the engine oil level, and add oil as necessary. ➔P. 278, ➔P. 279
2. Start the engine.
   ► Only continue riding if the low oil pressure indicator goes off.

Rapid acceleration may momentarily cause the low oil pressure indicator to come on, especially if the oil is at or near the low level. If the low oil pressure indicator stays on when the oil level is at the proper level, stop the engine and contact your dealer.

If the engine oil level goes down rapidly, your vehicle may have a leak or another serious problem. Have your vehicle inspected by your dealer.

# PGM-FI (Programmed Fuel Injection) Malfunction Indicator Lamp (MIL)

GS, III GS type

If the indicator comes on while riding, you may have a serious problem with the PGM-FI system. Reduce speed and have your vehicle inspected by your dealer as soon as possible.

ED, II ED, III ED type

**Reasons for the indicator lamp to come on or blink**

- Comes on if there is a problem with the engine emissions control system.
- Blinks when engine misfiring is detected.

**What to do when the indicator lamp comes on**

Avoid high speeds and immediately get your vehicle inspected at a dealer.

NOTICE

If you drive with the malfunction indicator lamp on, the emissions control system and the engine could be damaged.

**What to do when the indicator lamp blinks**

Park the vehicle in a safe place with no flammable items and wait at least 10 minutes with the engine stopped until it cools.

NOTICE

If the malfunction indicator lamp blinks again when restarting the engine, drive to the nearest dealer at 50 km/h (31 mph) or less. Have your vehicle inspected.

# ABS (Anti-lock Brake System) Indicator

If the indicator operates in one of the following ways, you may have a serious problem with the ABS. Reduce your speed and have your vehicle inspected by your dealer as soon as possible.

- Indicator comes on or starts flashing while riding.
- Indicator does not come on when the ignition switch is in the | (On) position.
- Indicator does not go off at speeds above 10 km/h (6 mph).

If the ABS indicator stays on, your brakes will continue to work as a conventional system, but without the anti-locking function.

The ABS indicator may flash if you turn the rear wheel while the rear wheel is lifted off the ground. In this case, turn the ignition switch to the O (Off) position, and then to the | (On) position again. The ABS indicator will go off after your speed reaches 30 km/h (19 mph).

# Torque Control Indicator

If the indicator operates in one of the following ways, you may have a serious problem with the Torque Control. Reduce your speed and have your vehicle inspected by your dealer as soon as possible.

- Indicator comes and stays on (solid) while riding.
- Indicator does not come on when the ignition switch is turned to the | (On) position.
- Indicator does not go off at speeds above 5 km/h (3 mph).

Even when the Torque Control indicator is on, your vehicle will have normal riding ability without Torque Control function.

▶ When the indicator comes on while the Torque Control is in operation, you will have to completely close the throttle to regain normal riding ability.

The Torque Control indicator may come on if you rotate the rear wheel while your vehicle is lifted off the ground. In this case, turn the ignition switch to the O (Off) position, and then to the | (On) position again. The Torque Control indicator will go off after your speed reaches 5 km/h (3 mph).

# If the "–" Indicator is Blinking in the Gear Position Window While Riding

CRF1100D/D3/D4/DL4

If the "–" indicator is blinking while riding, you may have a serious problem with the Dual Clutch Transmission system.

Park your vehicle in a safe place and have your vehicle inspected by a dealer immediately.

It may be possible to ride your vehicle by following the steps below.

1. Turn the ignition switch to the ○ (Off) position.
2. Turn the ignition switch to the | (On) position and start the engine.

If you cannot start the engine:

Turn the ignition switch to the ○ (Off) position and move the vehicle back and forth slightly (to disengage the gears).

Turn the ignition switch to the | (On) position again and start the engine.

If you still cannot start the engine:

Start the engine while applying the brake lever or pressing the brake pedal.

If you can shift from N to D mode:

When a gear position is shown in the gear position indicator, you can ride in that gear.

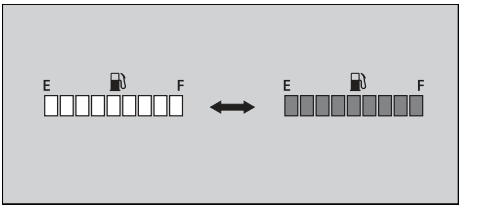
Take your vehicle to your dealer riding at a safe speed.

If you can't shift from N to D mode and the "–" indicator is blinking:

Damage is preventing you from riding. Have your vehicle inspected by your dealer immediately.

## Fuel Gauge Failure Indication

If the fuel system has an error, all segments will blink as shown in the illustration.
If these occur, see your dealer as soon as possible.



## Coolant Temperature Gauge Failure Indication

If the cooling system has an error, all segments will blink as shown in the illustration.
If this occurs, see your dealer as soon as possible.

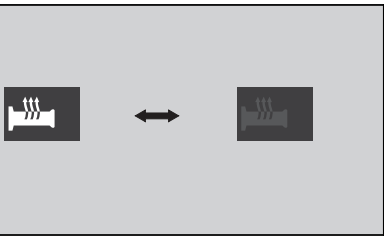
Gold image only




## Handle Grip Heater Failure Indication

CRF1100A3/A4/D3/D4/DL4

If the handle grip heater system has an error, the handle grip heater status icon will blink. If these occur, see your dealer as soon as possible.



Repairing a puncture or removing a wheel requires special tools and technical expertise. We recommend you have this type of service performed by your dealer.
After an emergency repair, always have the tyre inspected/replaced by your dealer.

## Emergency Repair Using a Tyre Repair Kit

If your tyre has a minor puncture, you can make an emergency repair using a tubeless tyre repair kit.
Follow the instructions provided with the emergency tyre repair kit.

Riding your vehicle with a temporary tyre repair is very risky. Do not exceed 50 km/h (30 mph). Have the tyre replaced by your dealer as soon as possible.

**⚠WARNING**

Riding your vehicle with a temporary tyre repair can be risky. If the temporary repair fails, you can crash and be seriously injured or killed.

If you must ride with a temporary tyre repair, ride slowly and carefully and do not exceed 50 km/h (30 mph) until the tyre is replaced.

| Symptom | Cause/remedy |
|---|---|
| Unable to pair *Bluetooth*® device | Some *Bluetooth*® devices and application software you use may be incompatible with the audio system and/or the operable functions may be limited. |
| | Check that the audio system and *Bluetooth*® device are both in pairing mode. ➡P. 162 ➡P. 167 |
| | The audio system may not be properly connected when another *Bluetooth*® device is being paired at the same time. Check your surroundings to make sure no other device being paired is present before re-pairing. Presence of a *Bluetooth*® device in the vicinity sometimes affects the pairing due to radio wave interference, etc. |
| | When connecting a *Bluetooth*® device, make sure no other *Bluetooth*® device readied for pairing is present. Presence of a *Bluetooth*® device in the vicinity sometimes affects the pairing due to radio wave interference, etc. |
| | When you repeatedly fail in pairing, delete the paired device once, then try pairing again. ➡P. 162 ➡P. 167 |



*Continued*

| Symptom | Cause/remedy |
|---|---|
| Unable to connect *Bluetooth*® device | Depending on the *Bluetooth*® device and application software you use, it may take some time for the audio system to connect to a device and to start playing an audio file. |
| | The connection may be temporarily disconnected when starting the engine, which is normal and not a malfunction. The *Bluetooth*® device will be reconnected after the engine is started. |
| | Check that your *Bluetooth*® device has been paired. Refer to the instruction manual of your *Bluetooth*® device and check that your *Bluetooth*® device is in connectable state. |

| Symptom | Cause/remedy |
|---|---|
| Unable to connect *Bluetooth*® phone device | Some *Bluetooth*® devices and application software you use may not connect automatically. For connecting, follow the instructions in the instruction manual of your *Bluetooth*® device. |
| | The *Bluetooth*® devices that can be connected at the same time are limited to one *Bluetooth*® device and two *Bluetooth*® headsets. |
| | If the problem continues after the above-described inspection, delete the paired device once, then try pairing again. ➡P. 162 ➡P. 167 |
| | The *Bluetooth*® connection cannot be established while launching Apple CarPlay. Quit Apple CarPlay, then try pairing again. ➡P. 200 ➡P. 162 |
| | While connected to Apple CarPlay/Android Auto™, *Bluetooth*® function is disabled. |



*Continued*

| Symptom | Cause/remedy |
|---|---|
| Connected, but does not play. | Some *Bluetooth*® devices and application software you use may be incompatible with the audio system and/or audio files may not be played properly. Check the recommended specifications. ➡P. 161 |
| | Depending on the *Bluetooth*® device and application software you use, an audio file may not play automatically. For playing, follow the instructions in the instruction manual of your *Bluetooth*® device. |
| | Depending on the *Bluetooth*® device and application software you use, an audio file may not play normally after receiving a telephone call, etc. Check that your *Bluetooth*® device is in playable state. |
| Takes some time to start playing after turning the power on or changing the audio mode. | Right after the power is turned on or the audio mode is changed, the audio system may take some time to connect to an audio device and to start playing an audio file. Also, the audio system may not allow any audio control operation while preparing to play an audio file. |

| Symptom | Cause/remedy |
|---|---|
| Sounds skip<br>Noises mix | Presence of another *Bluetooth*® device or a device that emits electromagnetic waves such as communication equipment in the vicinity sometimes affects the communication. |
| | Due to the characteristics of *Bluetooth*®, though in rare cases, the system operation may become unstable. When it remains unstable, turn off the power to the audio system or the device being used, and then turn it on again. |
| | The storage location of the *Bluetooth*® device sometimes affects the audio system and communication. When sounds skip or noises mix, change the location of the device. For example, when the device is kept in a pocket of clothing sandwiched in between the rider and passenger, the communication may be affected. Also, weather, buildings in the vicinity, road conditions, etc. can sometimes affect the communication. |



*Continued* 

| Symptom | Cause/remedy |
|---|---|
| Sounds skip<br>Noises mix | Depending on the *Bluetooth*® device and application software you use, an audio file may not play normally after receiving a telephone call, etc. Turn off the power to the audio system and then turn it on again. If the skipping of sounds or mixing of noises continues, check the status of your *Bluetooth*® device. |
| | If the skipping of sounds or mixing of noises continues, delete the paired device once, then try pairing again. ➡P. 170 |
| | Check the recommended specifications. ➡P. 161 |

| Symptom | Cause/remedy |
|---|---|
| Audio volume from headset is low/high. | Adjust the volume while in the individual modes. ➡P. 98 |
| | Check the volume setting of the *Bluetooth*® audio device. |
| | Check the volume setting of the paired headset. |
| No or inaccurate display | Depending on the audio device and the audio file, nothing may be displayed or the display may be inaccurate in some cases. Check the information on available tags. ➡P. 179 |
| | When the information in an audio file such as the artist name and track title is in a non-compliant tag format, it may be indicated by "☒" or no information will be shown. |



*Continued*

| Symptom | Cause/remedy |
|---|---|
| *Bluetooth*® handsfree calling cannot be available. | Connected *Bluetooth*® device may be an unsupported device. Check the supported *Bluetooth*® version/profiles. ➡P. 161 |
| | When the *Bluetooth*® connection is unstable due to surrounding conditions or radio wave conditions, the handsfree calling functions may not be available. |
| | To use *Bluetooth*® handsfree calling, a headset connection is necessary. Connect a paired headset. ➡P. 167 |
| During a call, headset volume is low/high. | Adjust the volume during a call. ➡P. 98 |
| Passenger's headset is no sound | Passenger headset only outputs music. Music playback is interrupted while using the handsfree phone or Siri. |

| Symptom | Cause/remedy |
|---|---|
| *Bluetooth*® Handsfree Calling | Depending on the connection status, the times displayed in call history on the vehicle side or the phone side may differ. |
| | Depending on your mobile carrier plan, available functions may differ. |
| | A display delay may occur depending on the number of phone books, call history and music data etc. stored in the connected device. |

| Symptom | Cause/remedy |
|---|---|
| Apple CarPlay is not be available. | Connected iPhone may be an unsupported model. Check the models compatible with Apple CarPlay. ➡ P. 195 |
| | Connected iPhone may be an unsupported iOS version. Update the iPhone to the newer version. |
| | To use Apple CarPlay, a headset connection is necessary. Connect a paired headset. ➡ P. 167 |
| | When a mobile network communication is unstable due to surrounding conditions or signal strength conditions, Apple CarPlay functions may not be available. |

| Symptom | Cause/remedy |
|---|---|
| Apple CarPlay is not be available. | When the paired headset connection is broken due to headset battery depletion or communication failure, Apple CarPlay cannot be used until the connection is restored. |
| | The screen will not switch to Apple CarPlay automatically, other than when the ignition switch is turned to ◯ (Off) with Apple CarPlay activated. |
| | Some USB cables may be incompatible with Apple CarPlay. Use certified cable to connect the iPhone. |
| | You have not agreed to enable Apple CarPlay. Reconnect the iPhone and enable CarPlay on the disclaimer screen. P. 198 |
| | Apple CarPlay setting on your iPhone may be disabled. Disconnect iPhone and enable the Apple CarPlay setting on your iPhone. |



*Continued*

| Symptom | Cause/remedy |
|---|---|
| Android Auto™ is not be available. | Connected Android™ phone may be unsupported model. Check the compatible model with Android Auto™. ➡ P. 209 |
| | Connected Android™ phone may be unsupported Android™ version. Update the Android™ phone to the newer version. |
| | To use full function of Android Auto™, a headset connection is necessary. Connect a paired headset. ➡ P. 167 |
| | When a mobile network communication is unstable due to surrounding conditions or signal strength conditions, Android Auto™ functions may not be available. |

| Symptom | Cause/remedy |
|---|---|
| Android Auto™ is not be available. | When the paired headset connection is broken due to headset battery depletion or communication failure, go back to the Home screen, and pair the headset connection again. |
| | Some USB cables may be incompatible with Android Auto™. For Android Auto™, the USB cables should be certified by USB-IF to be compliant with USB 2.0 Standard. |
| | You have not agreed to enable Android Auto™. Reconnect the Android™ phone and enable to use Android Auto™ on the disclaimer screen. P. 212 |
| | Android Auto™ setting on your Android™ phone may be disabled. Disconnect Android™ phone and enable the Android Auto™ setting on your Android™ phone. |

| Symptom | Cause/remedy |
|---|---|
| Connected, but does not operate Apple CarPlay/Android Auto™. | You cannot operate Apple CarPlay/Android Auto™ by the touch panel while the vehicle is in motion. Operate with the left handlebar switches or park your vehicle in a safe place, then operate. |
| Some functions of Apple CarPlay/Android Auto™ not available. | Some functions may be limited due to condition of mobile network communication. |
| Apple CarPlay/Android Auto™ screen is too dark/ bright | Selecting [Background] menu in [Settings], you can select white mode or black mode in the navigation map or an application such as Maps, also adjust backlight brightness by [Brightness] menu in [Settings] P. 87 P. 86. |
| Audio system cannot operate. | Certain manual functions and settings are disabled or inoperable while the vehicle is in motion. You cannot select a greyed-out menu until the vehicle is stopped. |
| When turning the ignition switch to ○ (Off) and ▌ (On) continuously. | Since the system restart takes time, it may take time until the screen is appears. |

| Symptom | Cause/remedy |
|---|---|
| High temperature/ overcurrent protection | To protect the system, some operations may be limited temporarily. The system automatically recovers after the cause is solved. |
| Software update | The statements in this owner's manual may not match your vehicle's Audio System after performing the software update. |

If the problem continues after the above-described inspection, have your vehicle inspected by your dealer.

## Battery Goes Dead

Battery charging is needed.
A battery charger recommended by your lithium-ion (li-ion) battery manufacturer is needed for battery charging.

Contact your dealer before charging the battery.

Remove the battery from the vehicle before charging.

NOTICE
Only use a charger recommended by your lithium-ion (li-ion) battery manufacturer. Using a battery charger that is not recommended can cause permanent damage to your battery.

If the battery does not recover after recharging, contact your dealer.

NOTICE
Do not jump-start, as this can damage your vehicle's electrical system and battery.

## Burned-out Light Bulb

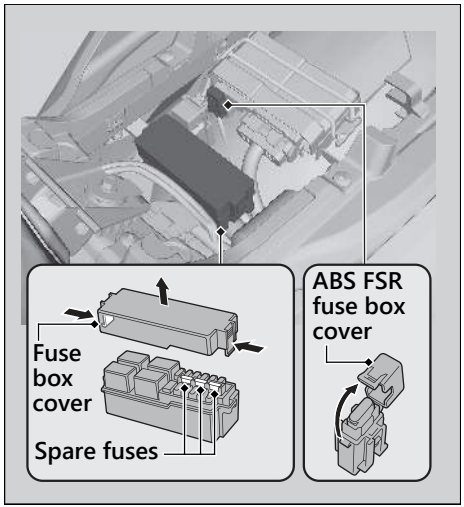
All light bulbs on the vehicle are LEDs. If there is an LED which is not turned on, see your dealer for servicing.

# Blown Fuse

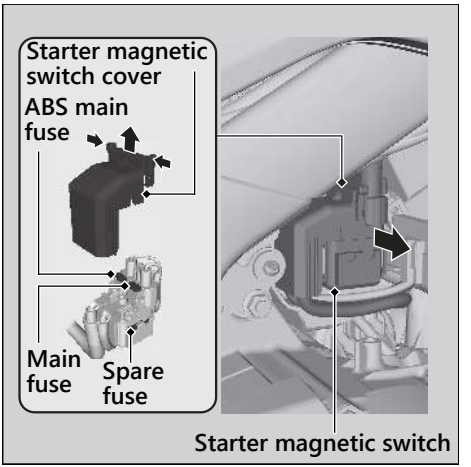
Before handling fuses, see "Inspecting and Replacing Fuses." P. 261

## Fuse Box Fuses & ABS FSR Fuse

1. Remove the front seat. P. 273
2. Open the fuse box covers.
3. Pull the fuses out with the fuse puller provided on the underside of the rear seat (P. 248) one by one check for a blown fuse. Always replace a blown fuse with a spare fuse of the same rating.
4. Close the fuse box covers.
5. Reinstall the front seat.



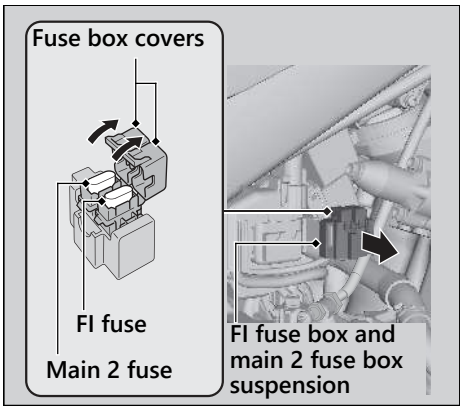
## Main Fuse & ABS Main Fuse




1. Remove the battery box cover. P. 271
2. Pull the starter magnetic switch out.
3. Remove the starter magnetic switch cover.
4. Pull the main fuse and ABS main fuse out with the fuse puller provided on the underside of the rear seat (P. 248) one by one check for a blown fuse. Always replace a blown fuse with a spare fuse of the same rating.
   ▶ Spare main fuse and spare ABS main fuse are provided in the starter magnetic switch.
5. Reinstall parts in the reverse order of removal.

## FI Fuse & Main 2 Fuse

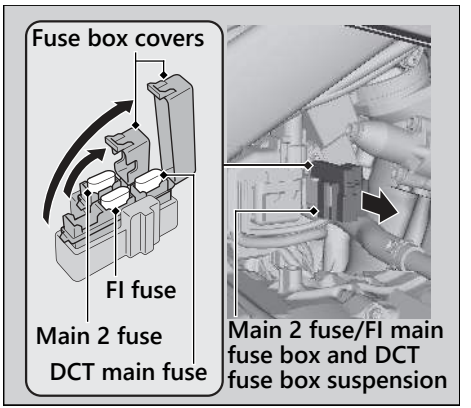
CRF1100A/A3/A4




1. Remove the battery box cover. P. 271
2. Pull the FI fuse box and main 2 fuse box suspension out.
3. Open the fuse box cover.
4. Pull the FI fuse and main 2 fuse out with the fuse puller provided on the underside of the rear seat (P. 248) and check for a blown fuse. Always replace a blown fuse with a spare fuse of the same rating.
   - ▶ Spare FI fuse is provided in the fuse box under the front seat. P. 273
   - ▶ Spare main 2 fuse is provided in the starter magnetic switch.
5. Reinstall parts in the reverse order of removal.

## FI Fuse & Main 2 Fuse & DCT Main Fuse

CRF1100D/D3/D4/DL4




1. Remove the battery box cover. P. 271
2. Pull the main 2 fuse/FI main fuse box and DCT fuse box suspension out.
3. Open the fuse box covers.
4. Pull the FI fuse, main 2 fuse and DCT main fuse out with the fuse puller provided on the underside of the rear seat (P. 248) one by one check for a blown fuse. Always replace a blown fuse with a spare fuse of the same rating.
   - ▶ Spare FI fuse is provided in the fuse box under the front seat. P. 273
   - ▶ Spare main 2 fuse and spare DCT main fuse are provided in the starter magnetic switch.
5. Reinstall parts in the reverse order of removal.

NOTICE

If a fuse fails repeatedly, you likely have an electrical problem. Have your vehicle inspected by your dealer.

# Information


**Service Diagnostic Recorders** ..... P. 340
**Keys** ..... P. 340
**Instruments, Controls, & Other Features** ... P. 341
**Caring for Your Vehicle** ..... P. 345
**Storing Your Vehicle** ..... P. 349
**Transporting Your Vehicle** ..... P. 350
**You & the Environment** ..... P. 351
**Serial Numbers** ..... P. 352
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**Catalytic Converter** ..... P. 354
**Legal Information on Apple CarPlay/**Android Auto™ ..... P. 355
**Software Upgrades** ..... P. 359

# Service Diagnostic Recorders

ED, II ED, III ED type

Your vehicle is equipped with service-related devices that record information about powertrain performance and riding conditions. The data can be used to help technicians diagnose, repair and maintain the vehicle. This data may not be accessed by anyone else except as legally required or with the permission of the vehicle owner.

However this data may be accessed by Honda, its authorised dealers and authorised repairers, employees, representatives and contractors only for the purpose of the technical diagnosis, research and development of the vehicle.

# Keys

## Ignition Key

This vehicle has two ignition keys and a key tag with a key number and a bar code.

The ignition key contains a special coded chip that is recognized by the immobilizer system (HISS) in order to start the engine. Handle the key carefully to prevent damaging the HISS components.

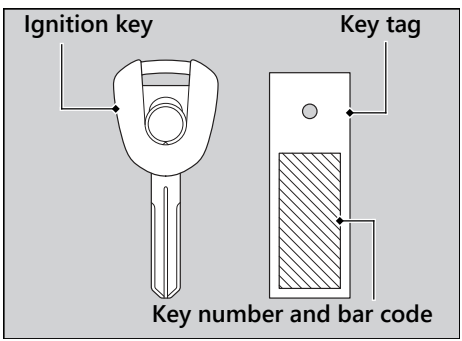
- Do not bend keys or subject them to undue stress.
- Avoid prolonged exposure to sunlight or high temperatures.
- Do not grind, drill or in any way alter their shape.
- Do not expose to strong magnetic objects.

If you lose all ignition keys and the key tag, the PGM-FI unit/ignition control module must be replaced by your dealer. To avoid this, keep a duplicate key.

If you lose a key, make another duplicate key immediately.

To make a duplicate key and register it with your HISS system, take the spare key, the key tag, and the vehicle to your dealer.
► Store the key tag in a safe location.

A metal key holder may cause damage to the area surrounding the ignition switch.




# Instruments, Controls, & Other Features

## Ignition Switch

Leaving the ignition switch in the ❙ (On) position with the engine stopped will drain the battery. Do not turn the key while riding.

## Engine Stop Switch

Do not use the engine stop switch except in an emergency. Doing so when riding will cause the engine to suddenly turn off, making riding unsafe.
If you stop the engine using the engine stop switch, turn the ignition switch to the ○ (Off) position. Failing to do so will drain the battery.

## Odometer

The display remains at 999,999 when the odometer exceeds 999,999.

## Tripmeter

Each tripmeter resets to 0.0 when the trip mileage exceeds 9,999.9.

## HISS

The Honda Ignition Security System (HISS) immobilizes the engine's ignition system if an improperly-coded key is used to try and start the engine. When the ignition switch is turned to the ○ (Off) position, the HISS immobilizer system is always alert, even if the HISS indicator is not flashing.

If the ignition switch is turned to the ❙ (On) position with the engine stop switch in the ⟳ (Run) position, the HISS indicator turns on and goes off after a few seconds to indicate it is OK to start the engine. **HISS Indicator Does Not Turn off** ➡ P. 309

The HISS indicator starts flashing every 2 seconds for 24 hours after the ignition switch is turned to the ○ (Off) position. You can turn this feature on or off. ➡ P. 83

**EU Directive**

This immobilizer system complies with the RE (Radio Equipment) Directive (2014/53/EU).

CE

The declaration of conformity to RE Directive is provided to the owner at the time of purchase. The declaration of conformity should be kept at a safe place. When the declaration of conformity is lost or is not provided, contact your dealer.

South Africa only



## Audio system

**EU Directive**

This audio system complies with the RE (Radio Equipment) Directive (2014/53/EU).

CE

The declaration of conformity to RE Directive is provided to the owner at the time of purchase. The declaration of conformity should be kept at a safe place. When the declaration of conformity is lost or is not provided, contact your dealer.

South Africa only

ICASA

**TA-2019 / 5108**

## Document Bag

The owner's manual, registration, and insurance information can be stored in the plastic document bag located on the underside of the front seat. ➡P. 247

## Ignition Cut-off System

IMU (Inertia Measurement Unit) sensor automatically stops the engine and fuel pump if the vehicle falls over. To reset the IMU, you must turn the ignition switch to the ○ (Off) position and back to the | (On) position before the engine can be restarted.

If a failure of the IMU is detected, the engine and fuel pump will not stop automatically when the vehicle falls over.

## Assist-slipper Clutch System

CRF1100A/A3/A4

The assist-slipper clutch system helps to prevent the rear tyre from locking up when the deceleration of your vehicle produces a strong engine braking effect. It also makes the clutch lever operation feel lighter.

Use only MA classification engine oil for your vehicle. Using engine oil other than MA classification oil could result in damage to the assist-slipper clutch system.

## Throttle by Wire System

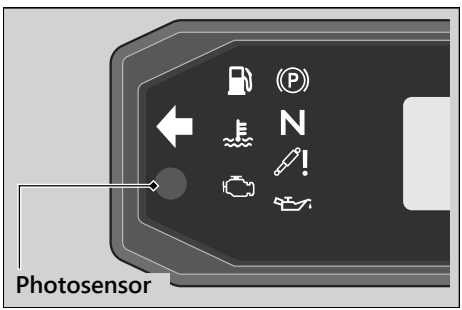
This model is equipped with a Throttle by Wire System.

Do not put magnetized items or items susceptible to magnetic interference near the right handlebar switches.

## DRL, Automatic Brightness Control and Background Control

Ambient brightness is detected by the photosensor.

Do not damage or cover the photosensor. Otherwise, the DRL, automatic brightness control and background control may not work properly.



# Caring for Your Vehicle

Frequent cleaning and polishing is important to ensure the life of your Honda. A clean vehicle makes it easier to spot potential problems.
In particular, seawater and salts used to prevent ice on roads promote the formation of corrosion. Also, mud and dust may accelerate front fork wear and cause oil leaks. Always wash your vehicle thoroughly after riding on coastal, treated roads and muddy and dusty roads.

## Washing

Allow the engine, muffler, brakes, and other high-temperature parts to cool before washing.

1. Rinse your vehicle thoroughly using a low pressure garden hose to remove loose dirt.
2. If necessary, use a sponge or a soft towel with mild cleaner to remove road grime.
   ▶ Clean the windscreen, headlight lens, panels, and other plastic components with extra care to avoid scratching them. Avoid directing water into the air cleaner, muffler, and electrical parts.
3. Thoroughly rinse your vehicle with plenty of clean water and dry with a soft, clean cloth.



*Continued* 

4. After the vehicle dries, lubricate any moving parts.
   ▶ Make sure that no lubricant spills onto the brakes or tyres. Brake discs, pads, drum or shoes contaminated with oil will suffer greatly reduced braking effectiveness and can lead to a crash.
5. Lubricate the drive chain immediately after washing and drying the vehicle.
6. Apply a coat of wax to prevent corrosion.
   ▶ Avoid products that contain harsh detergents or chemical solvents. These can damage the metal, paint, and plastic on your vehicle.
   Keep the wax clear of the tyres and brakes.
   ▶ If your vehicle has any mat painted parts, do not apply a coat of wax to the mat painted surface.

## Washing Precautions

Follow these guidelines when washing:

- Do not use high-pressure washers:
  ▶ High-pressure water cleaners can damage moving parts and electrical parts, rendering them inoperable.
  ▶ Water in the air intake can be drawn into the throttle body and/or enter the air cleaner.
- Do not direct water at the muffler:
  ▶ Water in the muffler can prevent starting and causes rust in the muffler.
- Dry the brakes:
  ▶ Water adversely affects braking effectiveness. After washing, apply the brakes intermittently at low speed to help dry them.
- Do not direct water under the seat:
  ▶ Water in the under seat compartment can damage your documents and other belongings.

- Do not direct water at the air cleaner:
  ▶ Water in the air cleaner can prevent the engine from starting.
- Do not direct water near the headlight:
  ▶ The headlight's inside lens may fog temporarily after washing or while riding in the rain. This does not impact the headlight function.
  However, if you see a large amount of water or ice accumulated inside the lens(es), have your vehicle inspected by your dealer.
- Do not use wax or polishing compounds on mat painted surfaces:
  ▶ Use a soft cloth or sponge, plenty of water, and a mild detergent to clean mat painted surfaces. Dry with a soft clean cloth.

## Aluminium Components

Aluminium will corrode from contact with dirt, mud, or road salt. Clean aluminium parts regularly and follow these guidelines to avoid scratches:

- Do not use stiff brushes, steel wool, or cleaners containing abrasives.
- Avoid riding over or scraping against curbs.

## Panels

Follow these guidelines to prevent scratches and blemishes:

- Wash gently using a soft sponge and plenty of water.
- To remove stubborn stains, use diluted detergent and rinse thoroughly with plenty of water.
- Avoid getting petrol, brake fluid, or detergents on the instruments, panels, or headlight.

## Windscreen

Using plenty of water, clean the windscreen with a soft cloth or sponge. (Avoid using detergents or any kind of chemical cleaner on the windscreen.) Dry with a soft, clean cloth.

NOTICE

To avoid possible scratching or other damage, use only water and a soft cloth or sponge to clean the windscreen.

For a dirtier windscreen, use a diluted neutral detergent with a sponge and plenty of water. Make sure to wash off all the detergent. (Detergent residue may cause windscreen cracks.)

Replace the windscreen if scratches cannot be removed and they obstruct clear vision.

Take care to keep battery electrolyte, brake fluid, or other chemical solvents off the windscreen and screen garnish. They will damage the plastic.

## Exhaust Pipe and Muffler

The exhaust pipe and muffler are stainless steel but may become stained by mud or dust.

To remove mud or dust, use a wet sponge and a liquid kitchen abrasive, then rinse well with clean water. Dry with chamois or a soft towel.

If necessary, remove heat stains by using a commercially available fine texture compound. Then, rinse by the same manner as removing mud or dust.

If the exhaust pipe and muffler are painted, do not use a commercially available abrasive kitchen cleaning compound. Use a neutral detergent to clean the painted surface on the exhaust pipe and muffler. If you are not sure if your exhaust pipe and muffler are painted, contact your dealer.

NOTICE
Even though the exhaust is made of stainless steel, it can become stained. Remove all marks and blemishes as soon as they are noticed.

### Front fork

Mud and dust may accelerate wear on the front forks and cause oil leaks.
To avoid scratching, please handle the forks with the following care.

- Wash gently using a soft sponge and plenty of water.
- To remove stubborn stains, use diluted detergent and rinse thoroughly with plenty of water.

# Storing Your Vehicle

If you store your vehicle outdoors, you should consider using a full-body cover.
If you won't be riding for an extended period, follow these guidelines:

- Wash your vehicle and wax all painted surfaces (except mat painted surfaces). Coat chrome pieces with rust-inhibiting oil.
- Lubricate the drive chain. P. 263
- Place your vehicle on a maintenance stand and position a block so that both tyres are off the ground.
- After rain, remove the body cover and allow the vehicle to dry.

- Remove the battery (P. 270) to prevent discharge. Fully charge the battery and then place it in a shaded, well-ventilated area.
  ▶ If you leave the battery in place, disconnect the negative ⊖ terminal to prevent discharge.

After removing your vehicle from storage, inspect all maintenance items required by the Maintenance Schedule.

# Transporting Your Vehicle

If your vehicle needs to be transported, it should be carried on a motorcycle trailer or a flatbed truck or trailer that has a loading ramp or lifting platform and motorcycle tie-down straps. Never try to tow your vehicle with a wheel or wheels on the ground.

NOTICE

Towing your vehicle with a wheel or wheels on the ground can cause serious damage to the transmission.

# You & the Environment

Owning and riding a vehicle can be enjoyable, but you must do your part to protect the environment.

## Choose Sensible Cleaners

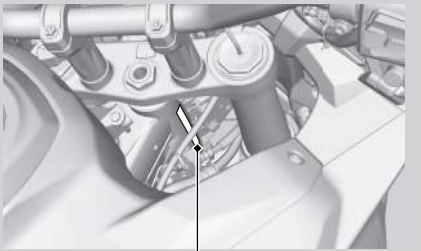
Use a biodegradable detergent when you wash your vehicle. Avoid aerosol spray cleaners that contain chlorofluorocarbons (CFCs) which damage the atmosphere's protective ozone layer.

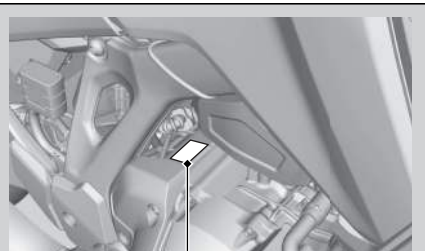
## Recycle Wastes

Put oil and other toxic wastes in approved containers and take them to a recycling centre. Call your local or state office of public works or environmental services to find a recycling centre in your area and to get instructions on how to dispose of non-recyclable wastes. Do not place used engine oil in the trash or pour it down a drain or on the ground. Used oil, petrol, coolant, and cleaning solvents contain poisons that can hurt refuse workers and contaminate drinking water, lakes, rivers, and oceans.

# Serial Numbers

The frame and engine serial numbers uniquely identify your vehicle and are required in order to register your vehicle. They may also be required when ordering replacement parts. You should record these numbers and keep them in a safe place.



# Fuels Containing Alcohol

Some conventional fuels blended with alcohol are available in some locales to help reduce emissions to meet clean air standards. If you plan to use blended fuel, check that it is unleaded and meets the minimum octane rating requirement.

The following fuel blends can be used in your vehicle:

- Ethanol (ethyl alcohol) up to 10% by volume.
  ▶ Petrol containing ethanol may be marketed under the name Gasohol.

The use of petrol containing more than 10% ethanol may:

- Damage the painting of the fuel tank.
- Damage the rubber tubes of the fuel line.
- Cause corrosion of the fuel tank.
- Cause poor drivability.

NOTICE

Use of blended fuels containing higher than approved percentages can damage metal, rubber, plastic parts of your fuel system.

If you notice any undesirable operating symptoms or performance problems, try a different brand of petrol.

# Catalytic Converter

This vehicle is equipped with two three-way catalytic converters. Each catalytic converter contains precious metals that serve as catalysts in high temperature chemical reactions that convert hydrocarbons (HC), carbon monoxide (CO), and oxides of nitrogen (NOx) in the exhaust gases into safe compounds.

A defective catalytic converter contributes to air pollution and can impair your engine's performance. A replacement unit must be an original Honda part or equivalent.

Follow these guidelines to protect your vehicle's catalytic converters:

- Always use unleaded petrol. Leaded petrol will damage the catalytic converters.
- Keep the engine in good running condition.
- Have your vehicle serviced if your engine is misfiring, backfiring, stalling, or otherwise not running properly, stop riding and turn off the engine.

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# Software Upgrades

## Upgrades

Honda is continually expanding the scope of the system software. The softwares are updated to correspond with new version releases.
For the software updates, contact your dealer.

## ■ Main Components

| | | |
|---|---|---|
| Overall length | CRF1100A/A3/D/D3 | 2,330 mm (91.7 in) |
| | CRF1100A4/D4 | 2,305 mm (90.7 in) |
| | CRF1100DL4 | 2,310 mm (90.9 in) |
| Overall width | 960 mm (37.8 in) | |
| Overall height | CRF1100A/A3/D/D3<br>Highest position<br>1,545 mm (60.8 in) | |
| | Lowest position<br>1,490 mm (58.7 in) | |
| | CRF1100A4/D4/DL4<br>Highest position<br>1,530 mm (60.2 in) | |
| | Lowest position<br>1,475 mm (58.1 in) | |
| Wheelbase | CRF1100A/A3/D/D3 | 1,575 mm (62.0 in) |
| | CRF1100A4/D4/DL4 | 1,570 mm (61.8 in) |
| Minimum ground clearance | CRF1100A/A3/D/D3 | 250 mm (9.8 in) |
| | CRF1100A4/D4/DL4 | 220 mm (8.7 in) |
| Caster angle | 27° 30′ | |
| Trail | CRF1100A/A3/D/D3 | 113 mm (4.4 in) |
| | CRF1100A4/D4/DL4 | 106 mm (4.2 in) |

| | |
|---|---|
| Curb weight | CRF1100A<br>231 kg (509 lb) |
| | CRF1100A3<br>233 kg (514 lb) |
| | CRF1100A4<br>243 kg (536 lb) |
| | CRF1100D<br>242 kg (534 lb) |
| | CRF1100D3<br>244 kg (538 lb) |
| | CRF1100D4/DL4<br>253 kg (558 lb) |

| | |
|---|---|
| Maximum weight capacity *1 | 218 kg (481 lb) |
| Maximum luggage weight *2 | ED, II ED, III ED type<br>29 kg (64 lb) |
| Maximum weight on rear carrier | 10 kg (22 lb) |
| Passenger capacity | Rider and 1 passenger |
| Minimum turning radius | 2.60 m (8.5 ft) |
| Displacement | 1,084 $cm^3$ (66.1 cu-in) |
| Bore x stroke | 92.0 x 81.5 mm (3.62 x 3.21 in) |
| Compression ratio | 10.5:1 |
| Fuel | Unleaded petrol<br>Recommended: 91 RON or higher |
| Fuels containing alcohol | ETHANOL up to 10 % by volume |

*1 : Including rider, passenger, all luggage, and accessories
*2 : Includes the weight of the luggage and added accessories

| | | |
|---|---|---|
| Tank capacity | CRF1100A/A3/D/D3<br>18.8 L (4.97 US gal, 4.14 Imp gal) | |
| | CRF1100A4/D4/DL4<br>24.8 L (6.55 US gal, 5.46 Imp gal) | |
| Battery | HJ13L<br>12 V-6.0 Ah (20 HR) | |
| Gear ratios | CRF1100A/A3/A4 | |
| | 1st | 2.866 |
| | 2nd | 1.888 |
| | 3rd | 1.480 |
| | 4th | 1.230 |
| | 5th | 1.064 |
| | 6th | 0.972 |
| | CRF1100D/D3/D4/DL4 | |
| | 1st | 2.562 |
| | 2nd | 1.761 |
| | 3rd | 1.375 |
| | 4th | 1.133 |
| | 5th | 0.972 |
| | 6th | 0.882 |
| Reduction ratios (primary / final) | CRF1100A/A3/A4<br>1.717 / 2.625 | |
| | CRF1100D/D3/D4/DL4<br>1.863 / 2.625 | |

## ■ Service Data

| | | |
|---|---|---|
| Tyre size | Front | CRF1100A/A3/D/D3<br>90/90-21M/C 54H |
| | | M+S ED, II ED, III ED type<br>90/90-21M/C 54R |
| | | CRF1100A4/D4/DL4<br>110/80R19M/C 59V |
| | | M+S ED, II ED, III ED type<br>110/80R19M/C 59R |
| | Rear | 150/70R18M/C 70H |
| | | M+S ED, II ED, III ED type<br>150/70R18M/C 70R |
| Tyre type | Front | CRF1100A/A3/D/D3<br>Bias-ply, tubeless |
| | | M+S ED, II ED, III ED type<br>Bias-ply, tubeless |
| | | CRF1100A4/D4/DL4<br>Radial, tubeless |
| | | M+S ED, II ED, III ED type<br>Bias-ply, tubeless |
| | Rear | Radial, tubeless |
| | | M+S ED, II ED, III ED type<br>Radial, tubeless |

| | | |
|---|---|---|
| Recommended Tyres | Front | CRF1100A/A3/D/D3<br>METZELER KAROO STREET |
| | | M+S ED, II ED, III ED type<br>MICHELIN ANAKEE WILD |
| | | CRF1100A4/D4/DL4<br>BRIDGESTONE BATTLAX ADVENTURE A41F N |
| | | M+S ED, II ED, III ED type<br>MICHELIN ANAKEE WILD |
| | Rear | CRF1100A/A3/D/D3<br>METZELER KAROO STREET |
| | | M+S ED, II ED, III ED type<br>MICHELIN ANAKEE WILD |
| | | CRF1100A4/D4/DL4<br>BRIDGESTONE BATTLAX ADVENTURE A41R N |
| | | M+S ED, II ED, III ED type<br>MICHELIN ANAKEE WILD |

| | | |
|---|---|---|
| Tyre category of use *1 | Normal | Permitted |
| | Special | Not Permitted |
| | Snow *2 (M+S on the tyre sidewall marking) | Permitted |
| | Moped | Not Permitted |
| Tyre air pressure (Driver only) | Front | 225 kPa (2.25 kgf/cm², 33 psi) |
| | Rear | 250 kPa (2.50 kgf/cm², 36 psi) |
| Tyre air pressure (Driver and passenger) | Front | 225 kPa (2.25 kgf/cm², 33 psi) |
| | Rear | 280 kPa (2.80 kgf/cm², 41 psi) |
| Minimum tread depth | Front | 1.5 mm (0.06 in) |
| | | M+S ED, II ED, III ED type |
| | | 3.0 mm (0.12 in) |
| | Rear | 2.0 mm (0.08 in) |
| | | M+S ED, II ED, III ED type |
| | | 3.0 mm (0.12 in) |

*1 : Categorized by UNECE Regulation No. 75
*2 : Snow is not limited as snow, but includes DP (Dual Purpose), M+S, MS, M&S (mud and snow)

| | | |
|---|---|---|
| Spark plug | (standard) | SILMAR8A9S (NGK) |
| Spark plug gap | (non-adjustable) | 0.8 - 0.9 mm (0.03 - 0.04 in) |
| Idle speed | 1,250 ± 100 rpm | |
| Recommended engine oil | Honda 4-stroke motorcycle oil API Service Classification SJ or higher, excluding oils marked as "Energy Conserving" or "Resource Conserving," SAE 10W-30, JASO T 903 standard MA | |
| Engine oil capacity | CRF1100A/A3/A4 | |
| | After draining | 3.9 L (4.1 US qt, 3.4 Imp qt) |
| | After draining & engine oil filter change | 4.0 L (4.2 US qt, 3.5 Imp qt) |
| | After disassembly | 4.8 L (5.1 US qt, 4.2 Imp qt) |
| | CRF1100D/D3/D4/DL4 | |
| | After draining | 4.0 L (4.2 US qt, 3.5 Imp qt) |
| | After draining & engine oil filter change | 4.2 L (4.4 US qt, 3.7 Imp qt) |
| | After draining, engine & clutch oil filter change | 4.2 L (4.4 US qt, 3.7 Imp qt) |
| | After disassembly | 5.2 L (5.5 US qt, 4.6 Imp qt) |

| | | |
|---|---|---|
| Recommended brake fluid | Honda DOT 4 Brake Fluid | |
| Cooling system capacity | 1.81 L (1.91 US qt, 1.59 Imp qt) | |
| Recommended coolant | Except Hong Kong, Singapore<br>Pro Honda HP Coolant | |
| | Hong Kong, Singapore<br>HONDA PRE-MIX COOLANT | |
| Recommended drive chain lubricant | Drive chain lubricant designed specifically for O-ring chains. If not available, use SAE 80 or 90 gear oil. | |
| Drive chain slack | 48 - 53 mm (1.9 - 2.1 in) | |
| Standard drive chain | DID 525HV3 | |
| | No. of links | 124 |
| Standard sprocket size | Drive sprocket | 16T |
| | Driven sprocket | 42T |

## ■ Bulbs

| | |
|---|---|
| Headlight | LED |
| DRL | LED |
| Cornering light<br>CRF1100A4/D4/DL4 | LED |
| Brakelight/Taillight | LED |
| Front turn signal/Position light | LED |
| Rear turn signal | LED |
| License plate light | LED |

## ■ Fuses

| | |
|---|---|
| Main fuse | 30 A |
| Other fuse | 30 A, 20 A, 15 A, 10 A |

Online Owner's Manual
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