NC750XA/XD

OWNER'S MANUAL

HONDA

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 country.
- The illustrations here in are based on the NC750XA ED type.

Country Codes

Code	Country
NC750XA	
ED	European direct sales Singapore, Hong Kong, Macao, Ukraine, Turkey, South Africa, New Zealand, Argentina
II ED	European direct sales
GS	GCC Countries
KO	Korea
NC750XD	
ED	European direct sales Singapore, Hong Kong, Macao, Ukraine, Turkey, South Africa, New Zealand, Argentina
II ED	European direct sales
FO	Taiwan

*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. 18

Maintenance P. 102

Troubleshooting P. 143

Information P. 156

Specifications P. 173

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. 6
Safety Precautions ..... P. 11
Riding Precautions ..... P. 12
Accessories & Modifications ..... P. 16
Loading ..... P. 17

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 flame 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. 11

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 rails 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.

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. Inspect your vehicle before every ride and perform all recommended maintenance. Never exceed load limits (P. 17), and do not modify your vehicle or install accessories that would make your vehicle unsafe (P. 16).

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 ○ (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.

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 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

Except KO type

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.



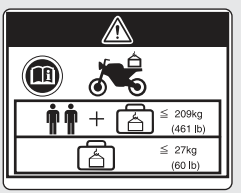
BATTERY LABEL
DANGER

- Keep flame and spark away from the battery. Battery produce explosive gas that can cause explosion.
- Wear the eye protection and rubber gloves when handling the battery, or you can get burned or lose your eyesight by the battery electrolyte.
- Do not allow children and other people to touch a battery unless they understand proper handling and hazards of the battery very well.
- Handle the battery electrolyte with extreme care as it contains dilute sulfuric acid. Contact with your skin or eyes can burn you or cause loss of your eyesight.
- Read this manual carefully and understand it before handling the battery. Neglect of the instructions can cause personal injury and damage to the vehicle.
- Do not use a battery with the electrolyte at or below the lower level mark. It can explode causing serious injury.

Continued



RADIATOR CAP LABEL
DANGER
NEVER OPEN WHEN HOT.
Hot coolant will scald you.
Relief pressure valve begins to open at **108 kPa**.

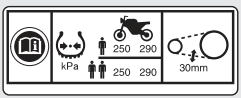


ACCESSORIES AND LOADING WARNING LABEL
WARNING
ED, II ED type
ACCESSORIES AND LOADING

- 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 **209 kg (461 lb)**, which is the maximum weight capacity.
- The luggage weight must not exceed **27 kg (60 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.

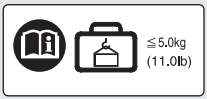


TYRE INFORMATION & DRIVE CHAIN LABEL
Cold tyre pressure:
[Driver only]
Front **250 kPa (2.50 kgf/cm², 36 psi)**
Rear **290 kPa (2.90 kgf/cm², 42 psi)**
[Driver and passenger]
Front **250 kPa (2.50 kgf/cm², 36 psi)**
Rear **290 kPa (2.90 kgf/cm², 42 psi)**
Keep chain adjusted and lubricated.
Freeplay **25 - 35 mm (1.0 - 1.4 in)**



SAFETY REMINDER LABEL
For your protection, always wear helmet, protective apparel.
FUEL LABEL
Unleaded petrol only
ETHANOL up to 10 % by volume

Continued



CARGO LIMIT LABEL
Do not exceed **5.0 kg (11.0 lb)**.

Safety Precautions

- Ride cautiously and keep your hands on the handlebar and feet on the footpegs.
- Keep passenger's hands onto the grab rails or your waist, passenger's 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

Jacket and Trousers

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

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.

- 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.

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.

Continued

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. 77

Refuelling and Fuel Guidelines

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

- Use only unleaded petrol.
- Use recommended octane number. Using lower octane petrol will result in decreased engine performance.
- Do not use fuels containing a high concentration of alcohol. P. 171
- 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.

Torque Control will allow some wheel spin during acceleration at the lower Torque Control levels settings. 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 road conditions or rapid throttle operation. Always consider 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.

Loading

- Carrying extra weight affects your vehicle's handling, braking and stability.
  Always ride at a safe speed for the load you are carrying.
- Avoid carrying an excessive load and keep within specified load limits.
  Maximum weight capacity / Maximum luggage weight P. 173
- Tie all luggage securely, evenly balanced and close to the centre of the vehicle.
- Do not place objects near the lights or the muffler.

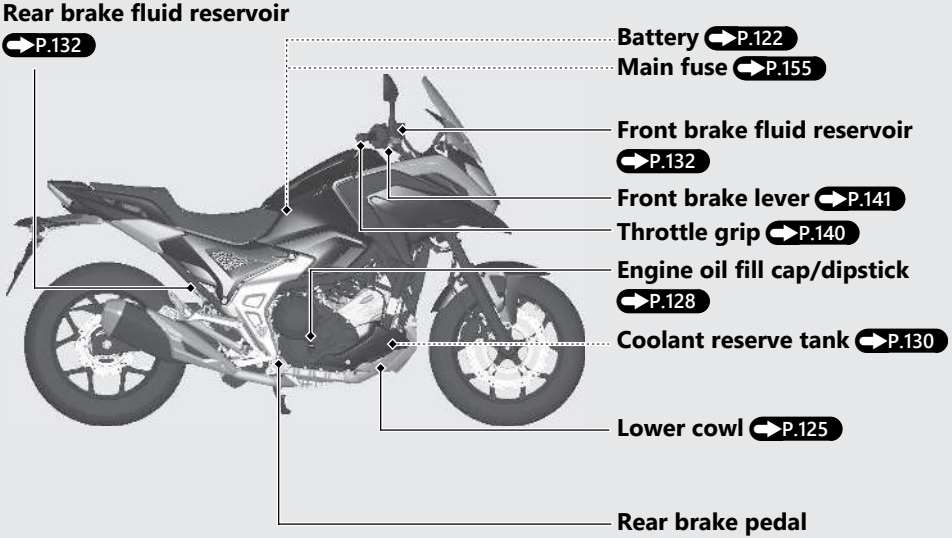
⚠WARNING

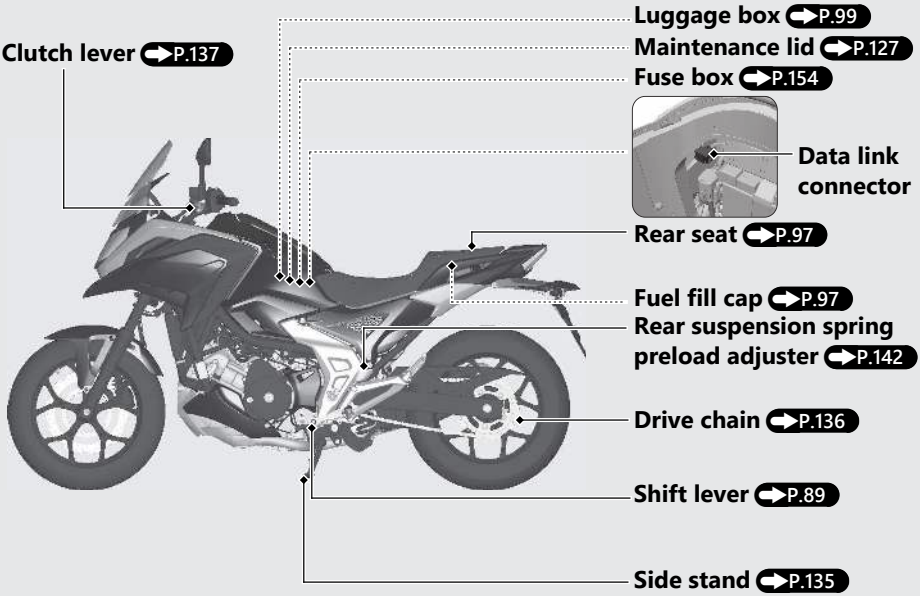
Overloading or improper loading can cause a crash and you can be seriously hurt or killed.

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

Parts Location

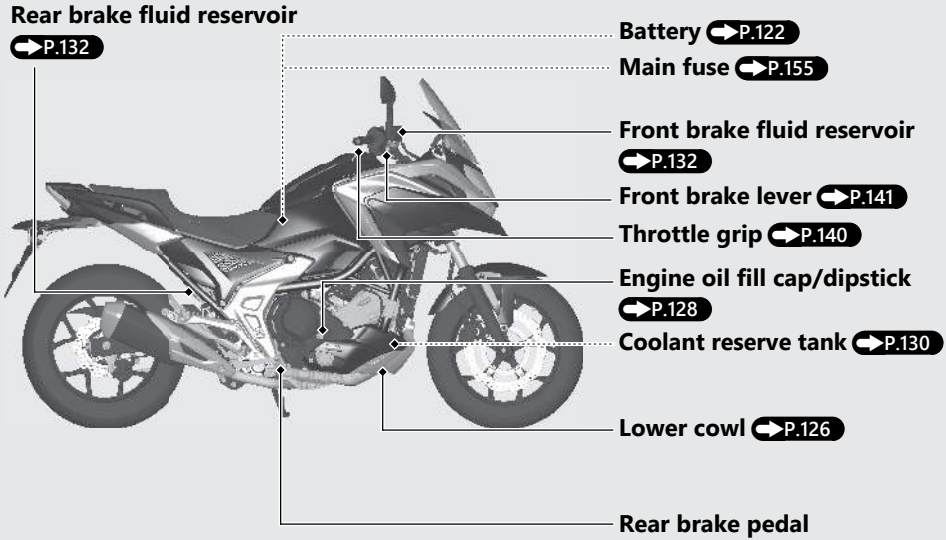
NC750XA

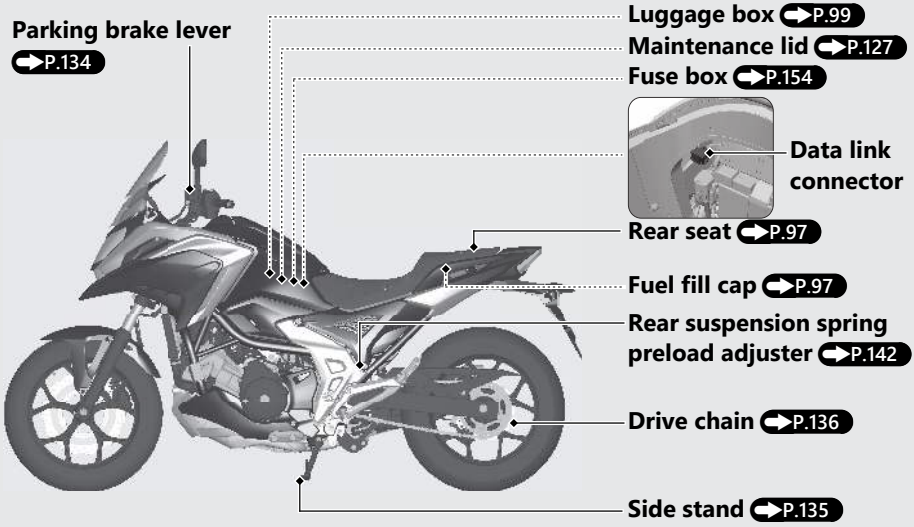



Clutch lever P.137
Luggage box P.99
Maintenance lid P.127
Fuse box P.154
Data link connector
Rear seat P.97
Fuel fill cap P.97
Rear suspension spring preload adjuster P.142
Drive chain P.136
Shift lever P.89
Side stand P.135

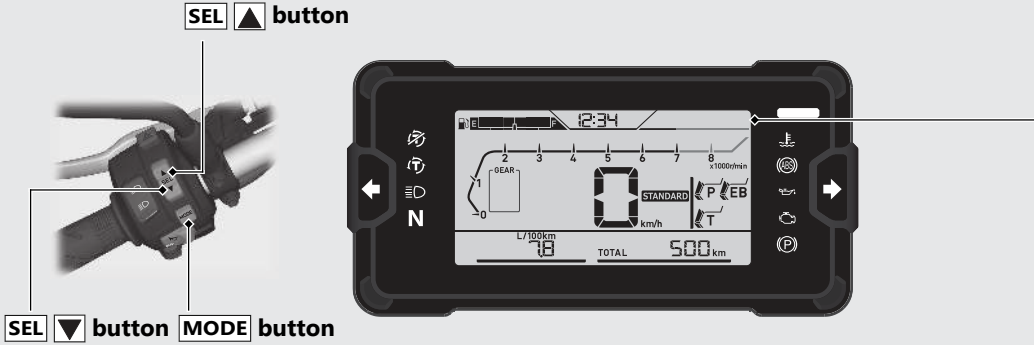
Parts Location *(Continued)*

NC750XD




Parking brake lever
P.134
Luggage box P.99
Maintenance lid P.127
Fuse box P.154
Data link connector
Rear seat P.97
Fuel fill cap P.97
Rear suspension spring preload adjuster P.142
Drive chain P.136
Side stand P.135

Instruments



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.

NC750XA

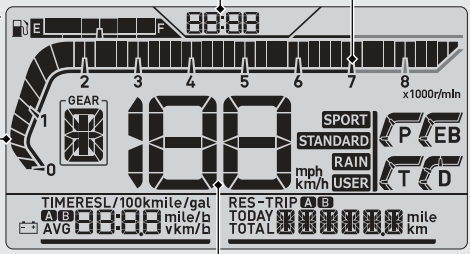
The "D" mode will not display in the riding mode.

FO, KO type

The "mph", "mile/gal" and "mile/L" will not display.

Clock (12-hour or 24-hour display)
To set the clock: P.47

Tachometer red zone
(excessive engine rpm range)



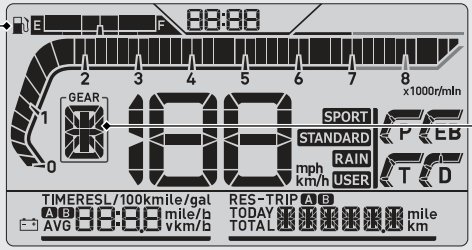
Tachometer

Speedometer

NOTICE

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

Instruments *(Continued)*



Fuel gauge

Remaining fuel when only 1st (E) segment starts flashing: approximately 3.0 L (0.79 US gal, 0.66 Imp gal)



The reserve tripmeter display and reserve fuel consumption display show at the same time.

If the fuel gauge indicator flashes in a repeat pattern or turns off: P.151

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.

Gear position indicator

NC750XA

The gear position is shown in the gear position indicator.

▶ Neutral (N) is not displayed when the transmission is in neutral position.

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

NC750XD

The gear position is shown in the gear position indicator.
The indicator may flash if:

▶ The front wheel leaves the ground.

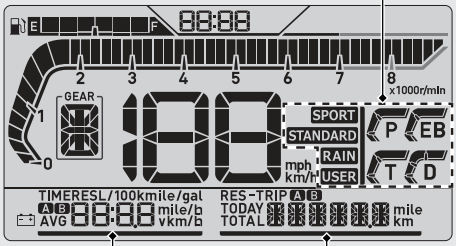
▶ You turn the wheel while the vehicle is upright on the stand.

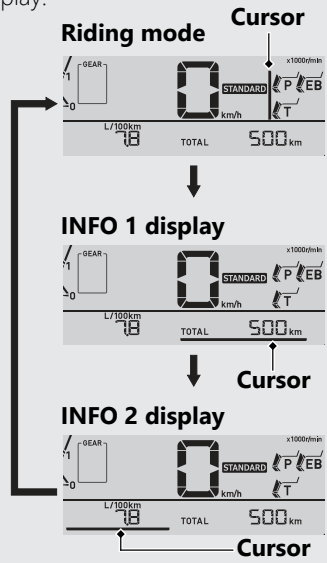
This is normal. To operate the system again, turn the ignition switch to the ○ (Off) position, and then to the | (On) position again.

If the "-" indicator is blinking in the gear position window while riding: P.150

Instruments *(Continued)*

Press the **MODE** button to move the cursor to a desired display.





LCD backlight brightness switching

The brightness of the display can be switched to H (high) or L (low).

When the SEL ▲ (up) button is pressed and hold, the following display appears and the brightness is set.

► You can also adjust the H (high) or L (low) brightness level. P.48 P.49

H (high) **L (low)**



Instruments *(Continued)*

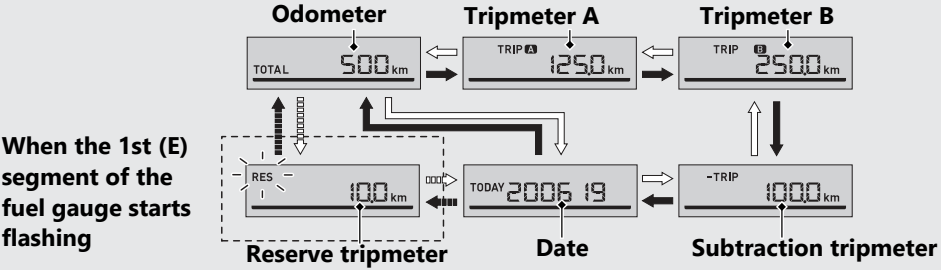
INFO 1 display

You can select the following:

- Odometer [TOTAL]
- Tripmeter [TRIP A/B]
- Subtraction tripmeter [-TRIP]
- Date [TODAY]
- Reserve tripmeter [RES]

Changing the INFO 1 display

1. Select the INFO 1 display. P.27
2. Press the SEL ▲ (up) or the SEL ▼ (down) button until the desired indication is displayed.
3. Press the MODE button. The INFO 1 display is set, and then the cursor moves to the INFO 2 display.



→ Press the SEL ▲ (up) button
⇨ Press the SEL ▼ (down) button
⇢ Press the SEL ▲ (up) button when the 1st (E) segment of the fuel gauge starts flashing
⇨ Press the SEL ▼ (down) button when the 1st (E) segment of the fuel gauge starts flashing

When the 1st (E) segment of the fuel gauge starts flashing, the INFO 1 display switches to the reserve tripmeter.

Instruments *(Continued)*

Odometer [TOTAL]

Total distance ridden.
When "------" is displayed, go to your dealer for service.

Tripmeter A/B [TRIP A/B]

Distance ridden since the tripmeter was reset.
When "----.-" is displayed, go to your dealer for service.
► **To reset the tripmeter: P.32**

Date [TODAY]

To set the date: P.46

Subtraction Tripmeter [-TRIP]

Distance travelled is subtracted from a preset figure, since the subtraction trip was set up.
Display range: 1,6088.3 to -9,999.9 km or 9999.0 to -6,214.9 mile
The display flashes at "-9999.9" km ("-6214.9" mile) when the read-out exceeds -9999.9 km (-6214.9 mile).
► **To reset the subtraction tripmeter: P.33**

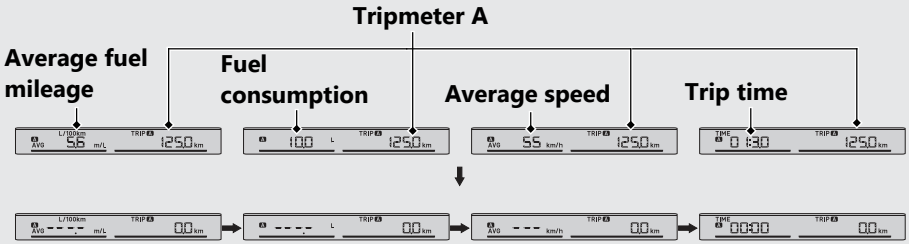
Reserve tripmeter [RES]

Distance ridden since the 1st (E) segment of the fuel gauge starts flashing.
When the 1st (E) segment of the fuel gauge starts flashing, the INFO 1 display switch to the reserve tripmeter. You should refill the tank as soon as possible.
Display range: 0.0 to 9999.9 km (mile)
When "----.- " is displayed, go to your dealer for service.
After refuelling more than the reserve amount, the display returns to normal.

Instruments *(Continued)*

To reset the tripmeter, average fuel mileage, fuel consumption, average speed and trip time

To reset the tripmeter A, average fuel mileage, fuel consumption, average speed and trip time (these are based on tripmeter A) together, press and hold the **MODE** button while tripmeter A or odometer and average fuel mileage, fuel consumption, average speed and trip time is displayed.

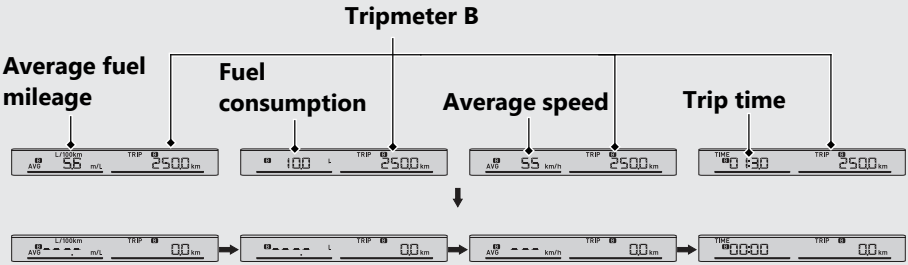


Then, the display returns to the last selected indication.

Also, the tripmeter A, average fuel mileage, fuel consumption, average speed and trip time will automatically reset by refuelling until the fuel gauge reaches two segments or more and riding your vehicle for 0.1 km (0.06 mile). You can activate or deactivate the automatic reset mode by refuelling.

P.51

To reset tripmeter B, average fuel mileage, fuel consumption, average speed and trip time (these are based on tripmeter B) together, press and hold the **MODE** button while tripmeter B is displayed.



Then, the display returns to the last selected indication.

To reset the subtraction tripmeter

To reset the subtraction tripmeter, press and hold the **MODE** button while subtraction tripmeter is displayed.

▶ The display returns to the set value.

Instruments *(Continued)*

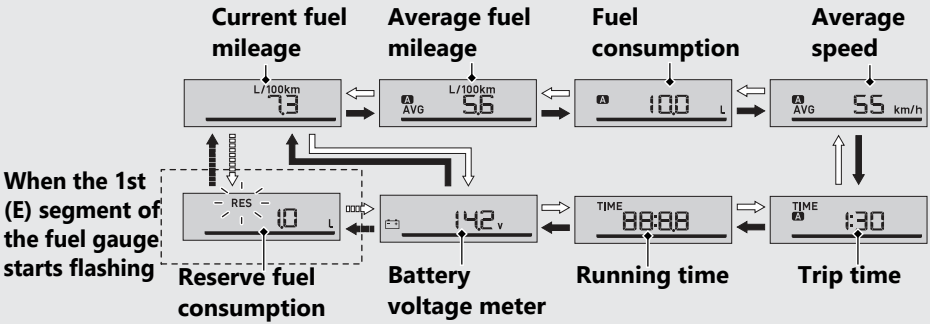
INFO 2 display

You can select the following:

- Current fuel mileage
- Average fuel mileage
- Fuel consumption
- Average speed
- Trip time
- Running time
- Battery voltage meter
- Reserve fuel consumption

Changing the INFO 2 display

1. Select the INFO 2 display. P.34
2. Press the SEL ▲ (up) or the SEL ▼ (down) button until the desired indication is displayed.
3. Press the MODE button. The INFO 2 display is set, and then the cursor moves to the riding mode display.



Press the SEL ▲ (up) button

Press the SEL ▼ (down) button

Press the SEL ▲ (up) button when the 1st (E) segment of the fuel gauge starts flashing

Press the SEL ▼ (down) button when the 1st (E) segment of the fuel gauge starts flashing

When the 1st (E) segment of the fuel gauge starts flashing, the current fuel mileage, average fuel mileage, fuel consumption, average speed or trip time switch to the reserve fuel consumption.

Current fuel mileage

Displays the current or instant fuel mileage.
Display range: 0.0 to 300.0 L/100km (km/L, mile/L or mile/gal)

- When your speed is less than 5 km/h (3 mph): "---.-" is displayed.
- More than 300.0 L/100km: "---.-" is displayed.

When "---.-" is displayed except for the above-mentioned cases, go to your dealer for service.

Average fuel mileage

Displays the average fuel mileage since the selected tripmeter was reset.
The average fuel mileage will be calculated based on value displayed on the tripmeter (A or B) selected. Only when the tripmeter B is selected on the INFO 1 display, the average fuel mileage of the tripmeter B is displayed. Except for the above, the average fuel mileage of the tripmeter A will be displayed.
Display range: 0.0 to 300.0 L/100km (km/L, mile/L or mile/gal)

- More than 300.0 L/100km: "---.-" is displayed.
- Initial display: "---.-" is displayed.
- When the tripmeter A or B is reset: "---.-" is displayed.

When "---.-" is displayed except for the above-mentioned cases, go to your dealer for service.
To reset the average fuel mileage: P.32

Fuel consumption

Displays the fuel consumption since the selected tripmeter was reset.
The fuel consumption will be calculated based on value displayed on the tripmeter (A or B) selected.
Only when the tripmeter B is selected on the INFO 1 display, the fuel consumption of the tripmeter B is displayed. Except for the above, the fuel consumption of the tripmeter A will be displayed.
Display range: 0.0 to 300.0 L (litres) or 0.0 to 300.0 gal (gallon)

- When the tripmeter A or B is reset: "---.-" is displayed.

When "---.-" is displayed except for the above-mentioned cases, go to your dealer for service.
To reset the fuel consumption: ➔P.32

Average speed

Display range: 0 to 199 km (0 to 124 mph)

The average speed will be calculated based on value displayed on the tripmeter (A or B) selected. Only when the tripmeter B is selected on the INFO1 display, the average speed of the tripmeter B is displayed. Except for the above, the average speed of the tripmeter A will be displayed.

- Initial display: "---" is displayed.
- When the tripmeter A or B has traveled less than 0.2 km (0.12 mile) since the engine was started: "---" is displayed.
- When the tripmeter A or B operating time is less than 15 seconds since the engine was started: "---" is displayed.

When "---" is displayed except for the above-mentioned cases, go to your dealer for service.

To reset the average speed: P.32

Instruments *(Continued)*

Trip time

Displays the operating time since the selected tripmeter was reset.
The trip time will be calculated based on value displayed on the tripmeter (A or B) selected. Only when the tripmeter B is selected on the INFO 1 display, the trip time of the tripmeter B is displayed. Except for the above, the trip time of the tripmeter A will be displayed.
Display range: 00:00 to 99:59 (hours:minutes)

- The trip time return to 00:00 when the readout exceeds 99:59.

To reset the trip time: P.32

Running time

Shows the operating time since the engine was started. The running time return to 0:00 when the readout exceeds 99:59 (hours:minutes).
Display range: 00:00 to 99:59 (hours:minutes)

- The running time return to 00:00 when the readout exceeds 99:59.
- When the ignition switch is turned to the ○ (Off) position, the running time is reset.

Battery voltage meter

Displays the current battery voltage.

Reserve fuel consumption

Displays the fuel consumption since the 1st (E) segment of the fuel gauge starts flashing.
When the 1st (E) segment of the fuel gauge starts flashing, the current fuel mileage, average fuel mileage, fuel consumption, average speed, trip time, running time or battery voltage meter switch to the reserve fuel consumption. You should refill the tank as soon as possible.
Display range: 0.0 to 300.0 L (litres) or 0.0 to 300.0 gal (gallon)

- Flashes from "0.0" L or gal.

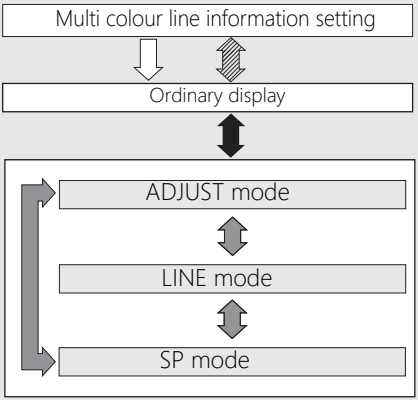
▶ When the amount of consumed fuel is more than 1.6 L (0.42 US gal, 0.35 Imp gal), the RES mark on the display blinks faster.

After refuelling more than the reserve amount, the display returns to normal.

Instruments *(Continued)*

Display Setting

Select the items you want to set from the following setting modes.



➡ Press and hold the **SEL** ▲ (up) or the **SEL** ▼ (down) button and the **MODE** button

⇨
- Press the **MODE** button
- Press and hold the **MODE** button
- Press and hold the **SEL** ▲ (up) button

⇛ Press and hold the **SEL** ▼ (down) button

➡ Press the **SEL** ▲ (up) or the **SEL** ▼ (down) button

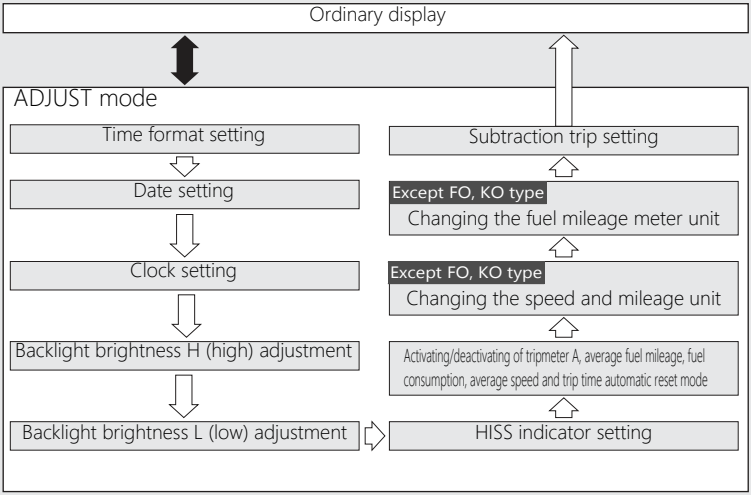
To set the ADJUST mode, LINE mode or SP mode, press the **MODE** button.
If the ignition switch is turned to the ○ (Off) position or none of the **MODE**, **SEL** ▲ (up) and **SEL** ▼ (down) buttons are pressed for about 30 seconds, the control is automatically switched from the setting mode to the ordinary display.

ADJUST mode

Following items can be changed sequentially.

- Time format setting
- Date setting
- Clock setting
- Backlight brightness H (high) adjustment
- Backlight brightness L (low) adjustment
- HISS indicator setting
- Activating/deactivating of tripmeter A, average fuel mileage, fuel consumption, average speed and trip time automatic reset mode
- Except FO, KO type
  Changing the speed and mileage unit
- Except FO, KO type
  Changing the fuel mileage meter unit
- Subtraction trip setting

Instruments *(Continued)*



➡ Press and hold the **SEL** ▲ (up) or the **SEL** ▼ (down) button and the **MODE** button

⇨ Press the **MODE** button

If the ignition switch is turned to the ○ (Off) position or the **MODE**, **SEL** ▲ (up) and **SEL** ▼ (down) buttons is not pressed for about 30 seconds, the control is automatically switched from the setting mode to the ordinary display.
If the buttons are not pressed for about 30 seconds, items in the process of being set will be discarded and only items where settings have been finalised will be applied.
Only if the ignition switch is turned to the ○ (Off) position will items in the process of being set and those that are finalised be applied.

1 Time format setting:
You can switch the time format between 12 hour format or 24 hour format.

1. Turn the ignition switch to the | (On) position.
2. Select the ADJUST mode. P.42
   ► The current time format start flashing.
3. Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button to select "12hr" or "24hr".



4. Press the **MODE** button. The time format is set, and then the display moves to the date setting.

Instruments *(Continued)*

2 Date setting:

1. Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button until the desired year is displayed.
   - ▶ Press and hold the **SEL** ▲ (up) button or the **SEL** ▼ (down) button to advance the year fast.



2. Press the **MODE** button. The month digits start flashing.



3. Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button until the desired month is displayed.
   - ▶ Press and hold the **SEL** ▲ (up) button or the **SEL** ▼ (down) button to advance the month fast.



4. Press the **MODE** button. The day digits start flashing.



5. Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button until the desired day is displayed.
   - ▶ Press and hold the **SEL** ▲ (up) button or the **SEL** ▼ (down) button to advance the day fast.



6 Press the **MODE** button. The date is set, and the display moves to the clock setting.

3 Clock setting:

1 Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button until the desired hour is displayed.

► Press and hold the **SEL** ▲ (up) button or the **SEL** ▼ (down) button to advance the hour fast.



2 Press the **MODE** button. The minute digits start flashing.



Instruments *(Continued)*

❸ Press the SEL ▲ (up) button or the SEL ▼ (down) button until the desired minute is displayed.

► Press and hold the SEL ▲ (up) button or the SEL ▼ (down) button to advance the minute fast.



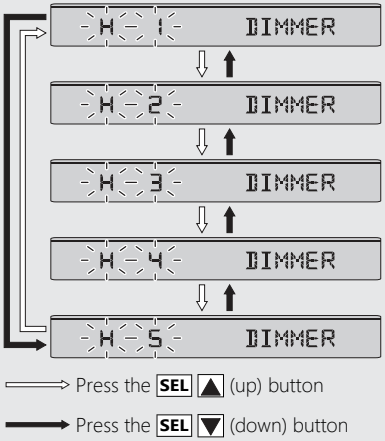
❹ Press the MODE button. The clock is set, and then the display moves to the backlight brightness H (high) adjustment.

4 Backlight brightness H (high) adjustment:

You can adjust the brightness to one of five levels.

❶ Press the SEL ▲ (up) button or the SEL ▼ (down) button. The brightness is switched.

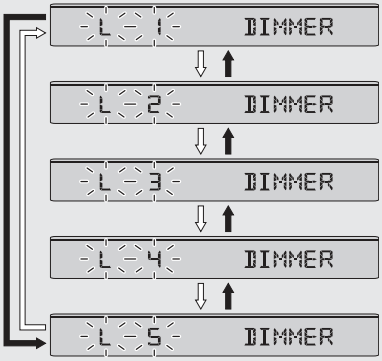
❷ Press the MODE button. The brightness H (high) is set, and then the display moves to the backlight brightness L (low) adjustment.



5 Backlight brightness L (low) adjustment:

You can adjust the brightness to one of five levels.

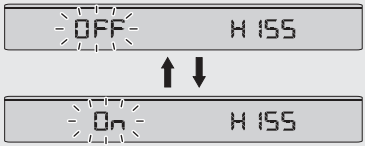
1. Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button. The brightness is switched.
2. Press the **MODE** button. The brightness L (low) is set, and then the display moves to the on/off of blinks of HISS indicator.



6 HISS indicator setting:

You can select the blink or off the HISS indicator.

1. Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button to select "On" (blinks) or "OFF" (off).

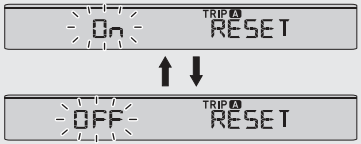


2. Press the **MODE** button. The HISS indicator setting is set, and then the display moves to the Activating/deactivating of tripmeter A, average fuel mileage, fuel consumption, average speed and trip time automatic reset mode.

7 Activating/deactivating of tripmeter A, average fuel mileage, fuel consumption, average speed and trip time automatic reset mode:

You can also activate or deactivate the automatic reset mode by segment of the fuel gauge is increased two or more. Activation is initially set.

1. Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button to select "On"(activate) or "OFF" (deactivate) in the automatic reset mode.



2. Except FO, KO type

   Press the **MODE** button. The activation/deactivation of automatic reset mode is set, and then the display moves to the changing of the speed and mileage unit.

   FO, KO type

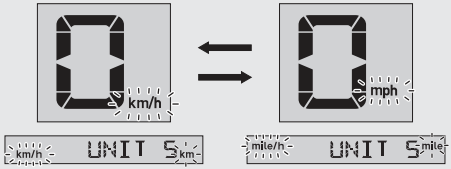
   Press the **MODE** button. The activation/deactivation of automatic reset mode is set, and then display moves to the subtraction trip setting.

Instruments *(Continued)*

8 Changing the speed and mileage unit:

Except FO, KO type

1. Press the SEL ▲ (up) button or the SEL ▼ (down) button to select either "km/h" & "km" or "mph" & "mile" & "mile/h".
   ► The message of "UNIT SPEED" scroll in INFO 1 display.



2. Press the MODE button. The speed and mileage unit is set, and then the display moves to the changing of the fuel mileage meter unit.

9 Changing the fuel mileage meter unit:

Except FO, KO type

1. Press the SEL ▲ (up) button or the SEL ▼ (down) button to select "L/100km" or "km/L".
   ► The message of "UNIT FUEL CON" scroll in INFO 1 display.



If the "mph" for speed and "mile" for mileage are selected, the fuel mileage shown by "mile/gal" or "mile/L".



2. Press the MODE button. The fuel mileage meter unit is set, and then the display moves to the subtraction trip setting.

10 Subtraction trip setting:

You can also adjust value of the subtraction trip.

1. The preset figure is displayed and the fourth digit will be flashing.



2. Press the **SEL** ▲ (up) button or the **SEL** ▼ (down) button until the desired figure appears.
   - ▶ Press and hold the **SEL** ▲ (up) button or the **SEL** ▼ (down) button to advance the figure fast.
   - ▶ Available setting range: 9,999.0 to 0.0 km (mile)
3. Press **MODE** button. The third digit starts flashing.



4. Repeat the steps 2 and 3 for the second and first digits.
5. Press **MODE** button. The trip distance is set, and then the display will return to the ordinary display.

Instruments *(Continued)*

LINE mode

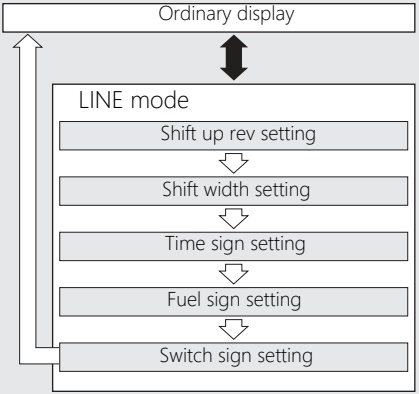
Following items can be changed sequentially.

- Shift up rev setting
- Shift width setting
- Time sign setting
- Fuel sign setting
- Switch sign setting



➡ Press and hold the **SEL** ▲ (up) or the **SEL** ▼ (down) button and the **MODE** button

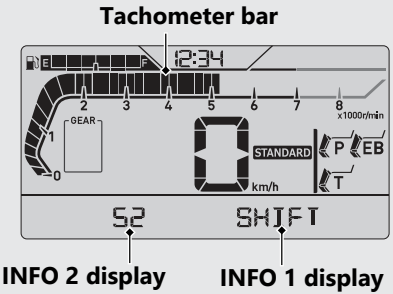
⇨ Press the **MODE** button



1 Shift up rev setting

You can adjust the shift up point.

1. Turn the ignition switch to the ❙ (On) position.
2. Select the LINE mode. P.42
   - ▶ The tachometer bar and RPM value (x 100) in INFO 2 display start flashing, and the message of "SHIFT REV" scrolls in INFO 1 display.



3. Each time the SEL ▲ (up) button or the SEL ▼ (down) button is pressed, tachometer bar and RPM value in INFO 2 display increase or decrease by 200 r/min (rpm) (one segment). When the set value exceeds the allowable range, the set value automatically returns to 4,000 r/min (rpm) or 7,000 r/min (rpm).
   - ▶ Press and hold the SEL ▲ (up) button or the SEL ▼ (down) button to advance the RPM fast.
   - ▶ Available setting range: 4,000 to 7,000 r/min (rpm)
4. Press the MODE button. The shift up rev is set, and then the display moves to the shift width setting.

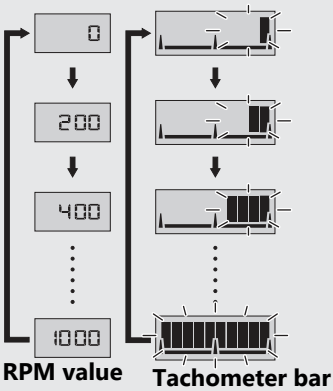
Instruments *(Continued)*

2 Shift width setting

You can set the interval RPM from flashing point to shift up point of the multi colour line. The tachometer bar and RPM value in INFO 2 display start flashing, and the message of "SHIFT WIDTH" scrolls in INFO 1 display.

❶ Each time the SEL ▲ (up) button or the SEL ▼ (down) button is pressed, tachometer bar and numerical of tachometer on INFO 2 display increase or decrease by 200 r/min (rpm). When the set value exceeds the allowable range, the set value automatically returns to 0 r/min (rpm) or 1,000 r/min (rpm).

- ▶ Press and hold the SEL ▲ (up) button or the SEL ▼ (down) button to advance the RPM fast.
- ▶ Available setting range: 0 to 1,000 r/min (rpm) (10 segments)
- ▶ Initial setting: 600 r/min (rpm)



Ex: When shift up rev setting is 6,000 r/min (rpm) and shift width setting is 600 r/min (rpm).

When the multi colour line information is set to Rev up linkage mode (white colour mode)

P.63

multi colour line	r/min (rpm)
Blinks	4,800
Blinks fast	5,400
Blinks faster	6,000

When the multi colour line information is set to Rev up linkage mode (colour mode)

P.64

multi colour line	r/min (rpm)
Yellow	4,800
Amber	5,400
Pink	6,000

If the shift width setting is 0 r/min (rpm), the multi colour line starts to flash when reaching to the setting value of shift up rev.

2. Press the **MODE** button. The shift width is set, and then the display moves to the time sign setting.

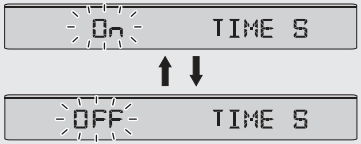
Instruments *(Continued)*

3 Time sign setting

You can display the time with a multi colour line.

When the minutes of the clock change from 59 to 00, multi colour line will blink three times when the setting is on.

1. Press the SEL ▲ (up) button or the SEL ▼ (down) button to select "On" or "OFF".
   ▶ The message of "TIME SIGN" scroll in INFO 1 display.

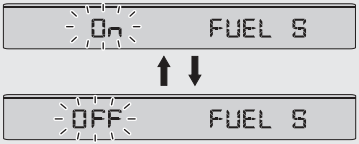


2. Press the MODE button. The time sign is set, and then the display moves to the fuel sign setting.

4 Fuel sign setting

You can set the fuel sign with a multi colour line. When the 1st (E) segment of the fuel gauge starts flashing, the line will light in amber for 15 seconds when the setting is on.

1. Press the SEL ▲ (up) button or the SEL ▼ (down) button to select "On" or "OFF"
   ▶ The message of "FUEL SIGN" scroll in INFO 1 display.



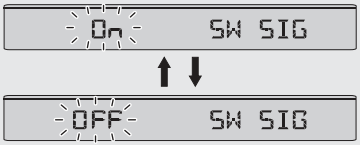
2. Press the MODE button. The fuel sign is set, and then the display moves to the switch sign setting.

5 Switch sign setting

You can set the switch sign with a multi colour line.

When the SEL ▲ (up) button, SEL ▼ (down) button, MODE button is pressed, the multi colour line will light briefly when the setting is on.

1. Press the SEL ▲ (up) button or the SEL ▼ (down) button to select "On" or "OFF".
   - ▶ The message of "SW SIGN" scroll in INFO 1 display.



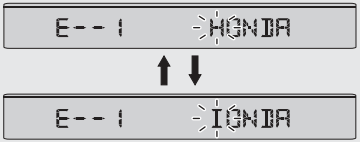
2. Press the MODE button. The switch sign is set, and then the display will return to the ordinary display.

SP Setting Mode

Inputting the ending message:

Ending message can input 6 letters.

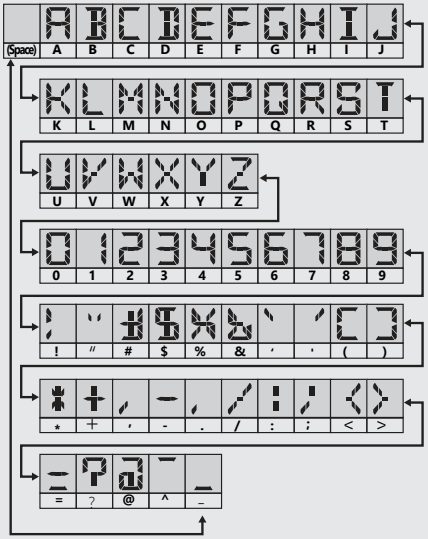
1. Turn the ignition switch to the | (On) position.
2. Select the SP mode. P.42
3. Press the SEL ▲ (up) button or the SEL ▼ (down) button until the desired letter is displayed.
   - ▶ You can input the alphabetical letters, numbers and symbols.
   - ▶ Press and hold the SEL ▲ (up) button or the SEL ▼ (down) button to advance the letter fast.



Instruments *(Continued)*

4 Press the **MODE** button. The letter is set, and the next letter will start flashing. Follow the procedure steps 3 and 4 until the end of letter is set.

After the ending message has been set, and the display returns to the ordinary display.
Selecting letters at the ending display:
When the **SEL** ▲ (up) button or the **SEL** ▼ (down) button is pressed, the letters are displayed in the following order.



Multi colour line information setting

You can show the riding conditions by setting the multi colour line information.

▶ Except during user setting of riding mode.

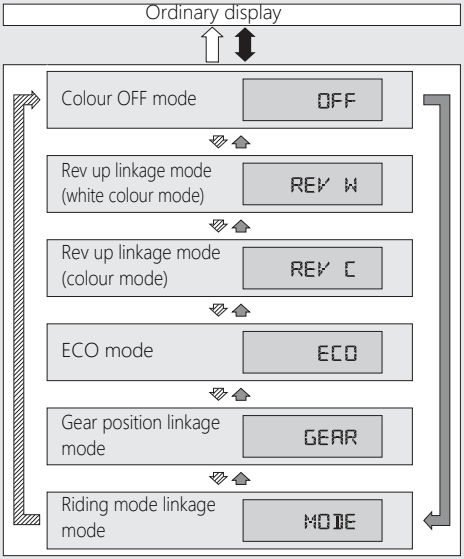
P.82

Following items can be set sequentially.

- Colour OFF mode
- Rev up linkage mode (white colour mode)
- Rev up linkage mode (colour mode)
- ECO mode
- Gear position linkage mode
- Riding mode linkage mode



Instruments *(Continued)*



➡ Press and hold the **SEL** ▼ (down) button

⇨
- Press the **MODE** button
- Press and hold the **MODE** button
- Press and hold the **SEL** ▲ (up) button

⇛ Press the **SEL** ▲ (up) button

➡ Press the **SEL** ▼ (down) button

If the ignition switch is turned to the ○ (Off) position or none of the **MODE**, **SEL** ▲ (up) and **SEL** ▼ (down) buttons are pressed for about 30 seconds, the control is automatically switched from the setting mode to the ordinary display.

Order of priority for the colour:

Rev up linkage mode	>	**ECO mode** **Gear position linkage mode** **Riding mode linkage mode**

Colour OFF mode

All colour mode is deactivated.

Rev up linkage mode (white colour mode)

When the number of engine revolution reaches the shift up point you have set, the colour of the multi colour line blinks in white. This informs you of the indication to shift up.

Ex: When shift up rev setting is 6,000 r/min (rpm) and shift width setting is 600 r/min (rpm).

multi colour line	r/min (rpm)
Blinks	4,800
Blinks fast	5,400
Blinks faster	6,000

To set the shift up rev setting: P.55
To set the shift width setting: P.56

Instruments *(Continued)*

Rev up linkage mode (colour mode)

When the number of engine revolution reaches shift up point you have set, the colour of the multi colour line will change. This informs you of the indication to shift up.

Ex: When shift up rev setting is 6,000 r/min (rpm) and shift width setting is 600 r/min (rpm).

multi colour line	r/min (rpm)
Yellow	4,800
Amber	5,400
Pink	6,000

To set the shift up rev setting: P.55
To set the shift width setting: P.56

ECO mode

Depending on fuel consumption, the multi colour line will change.
If fuel consumption is improved, the colour of the multi colour line will change to Aqua.
Further, when fuel consumption is improved, it will turn Green.

- ▶ The ECO mode includes Rev up linkage mode (colour mode).
- ▶ When the riding mode [SPORT] is set, does not work the eco mode. P.82

Gear position linkage mode

Depending on the gear position, the multi colour line changes as follows.

Gear position	1st	2nd	3rd	4th	5th	6th
Colour	Yellow	Pink	Violet	Blue	Aqua	Green

► The gear position linkage mode includes Rev up linkage mode (white colour mode).

Riding mode linkage mode

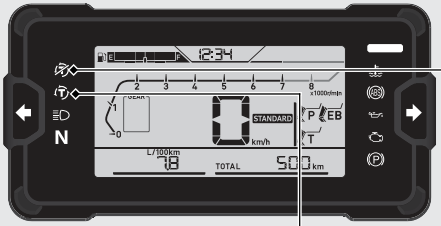
Depending on the riding mode, the multi colour line changes as follows.

Riding mode	SPORT	STANDARD	RAIN	USER
Colour	Pink	Violet	Aqua	Blue

► The riding mode linkage mode includes Rev up linkage mode (white colour mode).

Indicators

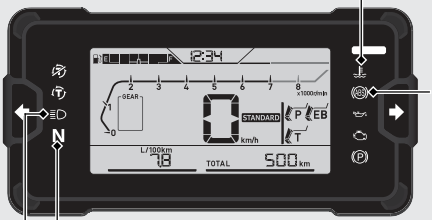
If one of these indicators does not come on when it should, have your dealer check for problems.



Torque Control OFF indicator
Comes on when the Torque Control is turned off.

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.
If it comes on while riding: P.149



High coolant temperature indicator
Comes on when the ignition switch is turned to the | (On) position.
If it comes on while riding: P.145

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.148

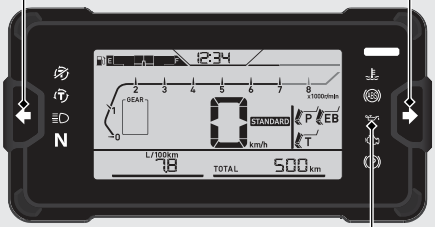
N Neutral indicator
Comes on when the transmission is in Neutral.

High beam indicator

Indicators *(Continued)*

⇦ Left turn signal indicator

⇨ Right turn signal indicator



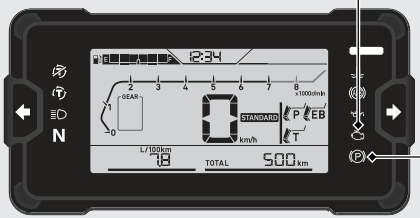
Low oil pressure indicator

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.146



PGM-FI (Programmed Fuel Injection) malfunction indicator lamp (MIL)
Comes on briefly when the ignition switch is turned to the | (On) position.
If it comes on while engine is running:
P.147

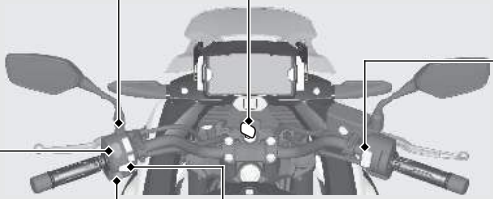
Ⓟ Parking brake indicator NC750XD
Lights as a reminder that you have not released the parking brake lever.

Switches

NC750XA

Hazard switch

Switchable when the ignition switch is on.



Headlight dimmer switch/ Passing light control switch

- : High beam
- : Low beam
- **PASS** : Flashes the high beam headlight.

Horn button

Turn signal switch

▶ Pressing the switch turns the turn signal off.

Ignition Switch

Switches the electrical system on/off, locks the steering.

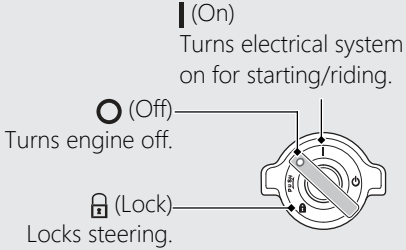
► Key can be removed when in the ○ (Off) or 🔒 (Lock) position.

Steering Lock: P.77

Engine stop switch/ Start button

Should normally remain in the ↻ (Run) position.

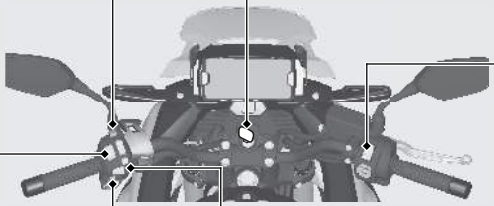
► In an emergency, switch to the ⊗ (Stop) position (the starter motor will not operate) to stop the engine.



Switches *(Continued)*

NC750XD

Hazard switch
Switchable when the ignition switch is on.



Headlight dimmer switch/ Passing light control switch

- : High beam
- : Low beam
- **PASS** : Flashes the high beam headlight.

Horn button

Turn signal switch
▶ Pressing the switch turns the turn signal off.

Ignition Switch

Switches the electrical system on/off, locks the steering.

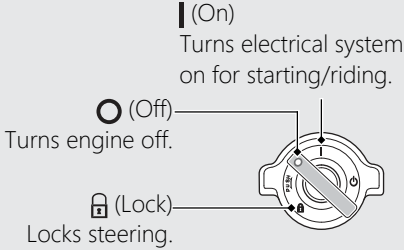
► Key can be removed when in the ○ (Off) or 🔒 (Lock) position.

Steering Lock: P.77

Engine stop switch/ Start button

Should normally remain in the ↻ (Run) position.

► In an emergency, switch to the ⊗ (Stop) position (the starter motor will not operate) to stop the engine.



Switches *(Continued)*

Left handlebar switches

NC750XA



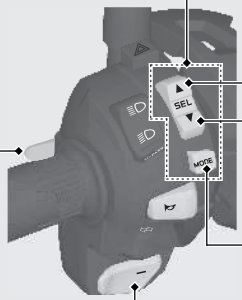
Used to operate and set the display. P.22
Also used to change the riding mode. P.79

▲ Sel up switch

▼ Sel down switch

MODE switch

NC750XD



Used to operate and set the display. P.22
Also used to change the riding mode. P.79

Shift up switch (+)
To shift up the gear.
P.94

▲ Sel up switch

▼ Sel down switch

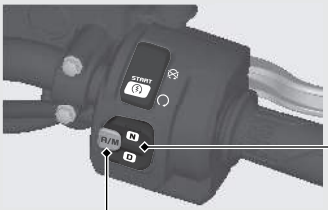
MODE switch

Shift down switch (-)
To shift down the gear. P.94

Switches *(Continued)*

Right handlebar switches

NC750XD



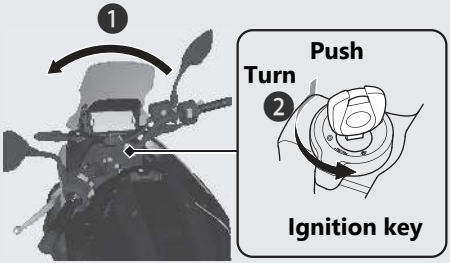
N-D switch
To shift between Neutral and AT MODE. P.93

A/M switch
To shift between the AT MODE and MT MODE.
P.93

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.

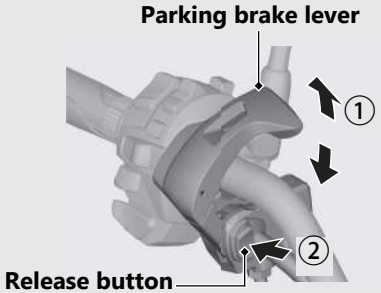
Parking Brake

NC750XD

Parking brake lever and Release button

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

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



Locking

Pull the parking brake lever (1) back to lock the rear wheel.

► Be sure the release button pops out and parking brake lever is not released.

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

P.134

Unlocking

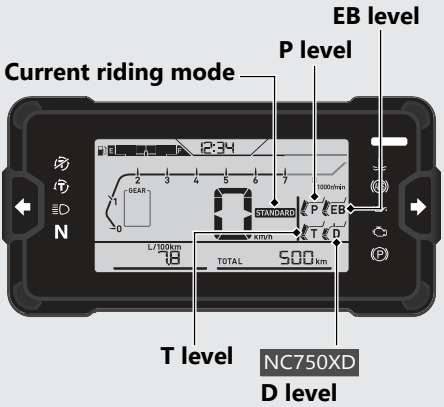
Release the parking brake lever by lightly pulling in the lever (1) and pressing the release button (2).

► 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.

Riding mode

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

P: Engine power output level
EB: Engine brake level
T: Torque control level
NC750XD
D: DCT mode



Riding mode *(Continued)*

Riding mode has four modes.
There are four available modes: [SPORT], [STANDARD], [RAIN] and [USER].

- [**SPORT**]: This mode is suitable for sports riding. You can feel the highest engine response.
- [**STANDARD**]: Standard, all-round mode for a variety of situations.
- [**RAIN**]: Good for stable riding on slippery surfaces such as rainy conditions.

Each initial setting level cannot be changed.

- [**USER**]: Each initial setting level can be changed.

Initial setting

	P level	T level	EB level	D level NC750XD
SPORT	3	1	3	4
STANDARD	2	2	2	2
RAIN	1	3	1	1
USER	2*1	2*1, 2	2*1	2*1

Notes:
*1 : Level can be changed.
*2 : If 0 is selected, the level will change to 2 the next time the ignition is turned on.

P level (Engine power output level)

P level has three setting levels.

Available setting range: 1 to 3

▶ Level 1 has the least power.

▶ Level 3 has the most power.

T level (Torque control level)

T level has three setting levels or can be turned off.

Available setting range: 0 to 3

▶ Level 1 is the minimum Torque Control level.

▶ Level 3 is the maximum Torque Control level.

▶ Level 0 deactivates the Torque Control.

▶ If the electrical system is turned from off to on while the T level is set to 0, the T level is automatically set to 2.

EB level (Engine brake level)

EB level has three setting levels.

Available setting range: 1 to 3

▶ Level 1 has the weakest engine braking effect.

▶ Level 3 has the strongest engine braking effect.

NC750XD **D level (DCT mode)**

D mode (DCT mode) has four setting levels.

Available setting range: 1 to 4

▶ Higher engine revolution can be used by increasing the level.

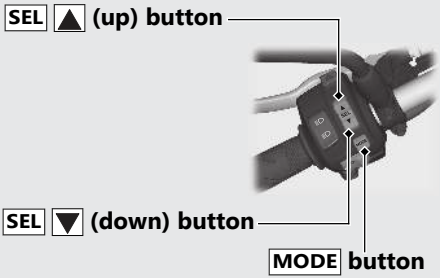
▶ Level 1 has the least engine revolution.

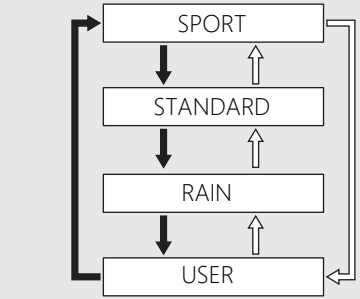
▶ Level 4 has the most engine revolution.

Riding mode *(Continued)*

Selecting the riding mode

1. Stop the vehicle.
2. Select the riding mode display. P.26
3. Press the SEL ▲ (up) or SEL ▼ (down) button with the throttle fully closed.





⟹ Press the SEL ▲ (up) button

➡ Press the SEL ▼ (down) button

Setting the riding mode

NC750XA

You can change the P, EB and T levels on the USER of the riding mode.

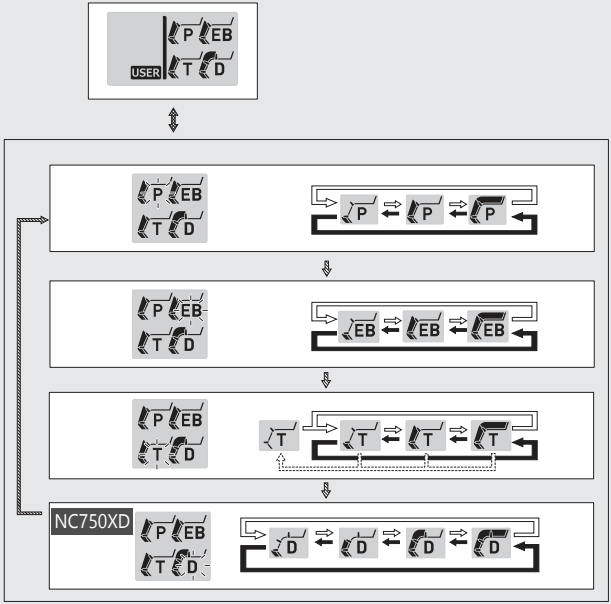
NC750XD

You can change the P, EB, T and D levels on the USER of the riding mode.

1. Stop the vehicle.
2. Select the USER in the riding mode.
   P.82
3. Press and hold the **MODE** button until P display is flashed.
4. Press the **SEL** ▲ (up) or ▼ (down) button until the desired level is displayed.
5. Press the **MODE** button. The P level is set, and EB display is flashed.
6. Press the **SEL** ▲ (up) or ▼ (down) button until the desired level is displayed.
7. Press the **MODE** button. The EB level is set, and T display is flashed.
8. Press the **SEL** ▲ (up) or ▼ (down) button until the desired level is displayed.
   ► T level can be changed to off by pressing and holding the **SEL** ▲ (up) switch.
9. NC750XA
   Press the **MODE** button. The T level is set.
   NC750XD
   Press the **MODE** button. The T level is set, and D display is flashed.
   Press the **SEL** ▲ (up) or ▼ (down) button until the desired level is displayed.
10. Press and hold the **MODE** button until ordinary display is displayed.

You can stop setting the riding modes at any time by pressing and holding the **MODE** button.

Riding mode *(Continued)*



Press and hold the **MODE** button

Press the **MODE** button

Press the **SEL** ▲ (up) button

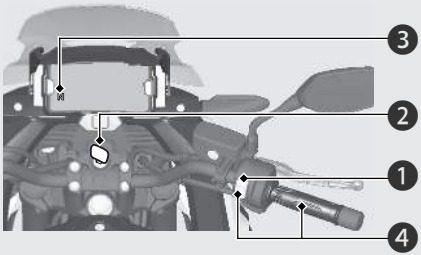
Press the **SEL** ▼ (down) button

Press and hold the **SEL** ▼ (down) button

Starting the Engine

NC750XA

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.

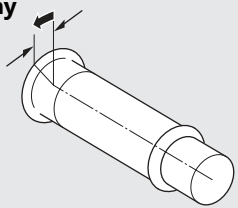
1. Make sure the engine stop switch is in the ⟳ (Run) position.
2. Turn the ignition switch to the | (On) position.
3. Shift the transmission to Neutral (N indicator comes on). Alternatively, pull in the clutch lever to start your vehicle with the transmission in gear so long as the side stand is raised.

Starting the Engine *(Continued)*

❹ 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



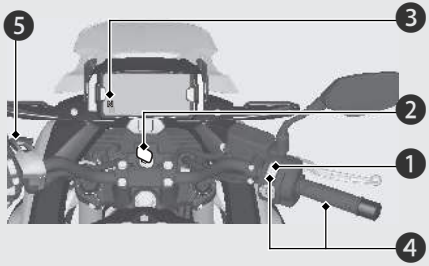
If the engine does not start:

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.144

NC750XD

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.

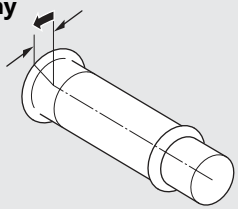
1. Make sure the engine stop switch is in the ⟳ (Run) position.
2. Turn the ignition switch to the | (On) position.
3. Check the transmission in Neutral (N indicator comes on).

Starting the Engine *(Continued)*

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.78

If Engine Does Not Start ➡P.86

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 in gear, the engine will shut off with the clutch disengaged.

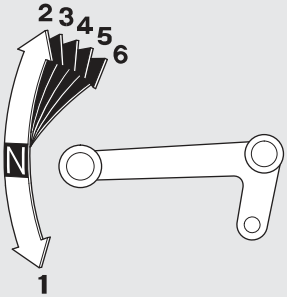
2 Turn the ignition switch to the ○ (Off) position.

3 Set the parking brake when you park the vehicle. ➡P.78

Shifting Gears

NC750XA

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.

Shifting Gears *(Continued)*

NC750XD

Your vehicle is equipped with an automatically controlled 6-speed transmission. It can be shifted automatically (by AT MODE) or manually (by MT MODE).

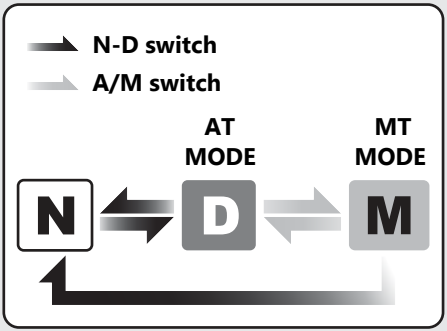
Dual Clutch Transmission

In order to respond to rider demands in a broad range of situations, the transmission is equipped with two operating modes, AT MODE (D) (automatic shift for regular operation); and MT MODE (M) (for 6-speed manual operation), which delivers the same shift feel as a manual transmission.

► 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.

You cannot change AT MODE (D) for a few seconds.



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.150

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.

Shifting Gears *(Continued)*

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. These switches are convenient when you want to temporarily down-shift in front of a curve, etc. P.94
You can change the D level when you need more power in AT MODE, such as when overtaking, climbing hills, pulling away. Higher engine RPM can be used by increasing the level.
D level can be changed only when riding mode is USER.
Riding mode : P.79

MT MODE: MT MODE (6-speed manual operation) You can choose between 6 gears in this mode.

Changing between Neutral and AT MODE/MT MODE

Changing from Neutral (N) to AT MODE

Press the D side on the N-D switch (①). Parameter display changes to D (②), "1" is shown in the gear position indicator and first gear is selected.

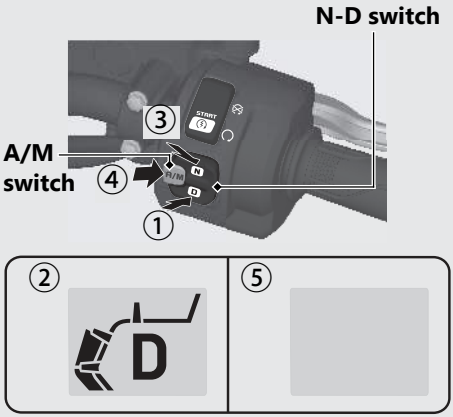
Changing from AT or MT MODE to Neutral

Press N side on the N-D switch (③).

Changing between AT MODE and MT MODE

Press the A/M switch (④).

The D (AT MODE) indicator goes out while MT MODE is selected (⑤).



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:

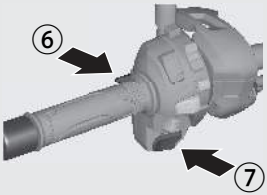
Press the shift up switch (+) (⑥).

Shifting Down:

Press the shift down switch (–) (⑦).

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.

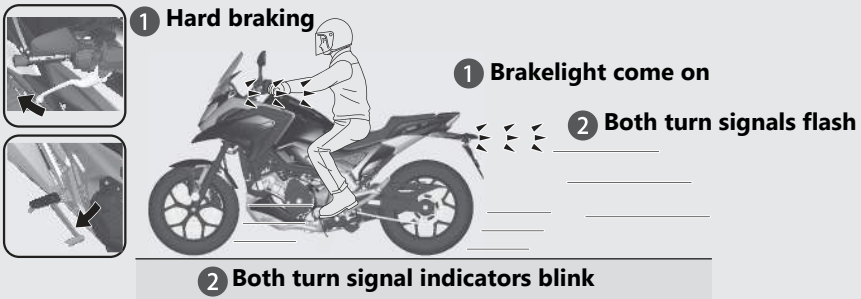
Emergency Stop Signal

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:



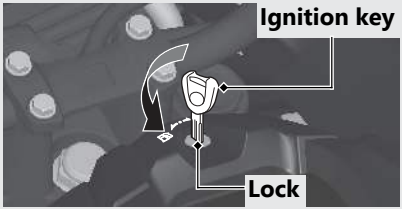
Emergency Stop Signal *(Continued)*

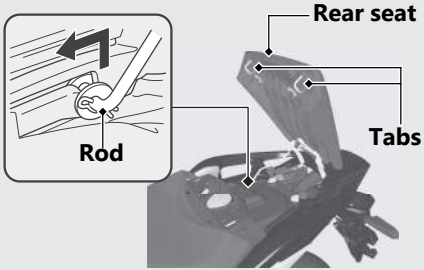
- ▶ The emergency stop signal is not a system that can prevent a possible rear-end collision caused by your hard braking. It is always recommended to avoid hard braking unless it is absolutely necessary.
- ▶ The emergency stop signal does not activate with the hazard switch pressed in.
- ▶ If the ABS stops working for a certain period during braking, the emergency stop signal may not activate at all.

Refuelling

This vehicle must be opened the rear seat for refuelling.

Rear Seat





Open

1. Insert the ignition key into the lock, and turn the key counterclockwise.
2. Pull up the front of the rear seat.

Close

1. Pull up the rod upward.
2. Push down the front of the rear seat until it locks in place.
   - ▶ Make sure that the tabs are locked securely in position to pull up the front of the rear seat lightly.
   - ▶ The seat locks automatically when closed.
     Take care not to lock your key in the compartment under the rear seat.
3. Remove the key.

Refuelling *(Continued)*

Fuel type: Unleaded petrol only
Fuel octane number: Your vehicle is designed to use Research Octane Number (RON) 91 or higher.
Tank capacity: 14.1 L (3.73 US gal, 3.10 Imp gal)

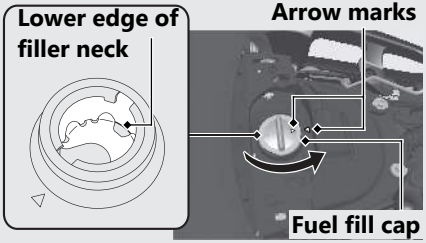
Refuelling and Fuel Guidelines P.14

Opening the Fuel Fill Cap

1. Open the rear seat. P.97
2. Turn the fuel fill cap counterclockwise until it stops and remove the cap.

Closing the Fuel Fill Cap

1. Install and tighten the fuel fill cap firmly by turning it clockwise.
   - ▶ Make sure that the arrow marks on the cap and fuel tank are aligned.
2. Close the rear seat.



Do not fill with fuel above the lower edge of the filler neck.

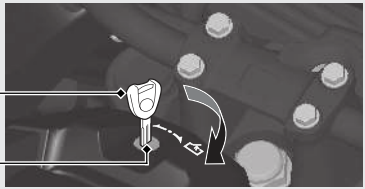
⚠WARNING

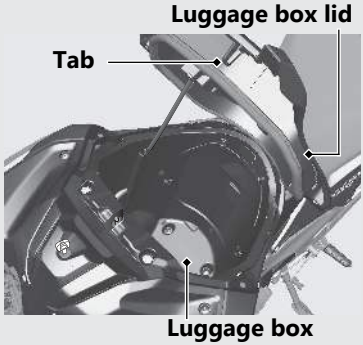
Petrol is highly flammable and explosive. You can be burned or seriously injured when handling fuel.

- Stop the engine, and keep heat, sparks, and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.

Storage Equipment

Luggage Box





Open

1. Insert the ignition key into the lock, and turn the key clockwise.
2. Pull up the front of the luggage box lid.

Close

1. Push down the front of the luggage box lid until it locks in place.
   - ▶ Make sure that the tab is locked securely in position to pull up the front of the luggage box lid lightly.
   - ▶ The lock automatically when closed. Take care not to lock your key in the luggage box.
2. Remove the key.

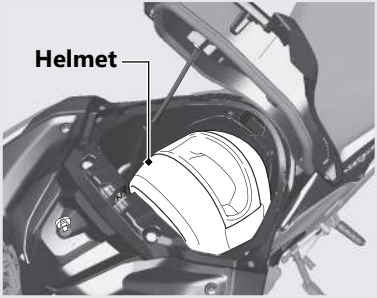
Never exceed the maximum weight limit.

Maximum Weight: 5.0 kg (11.0 lb)

- ▶ Do not store any items that are flammable or susceptible to heat damage.

Storage Equipment *(Continued)*

A helmet can be stored in the luggage box. Set in the front of the helmet upward.

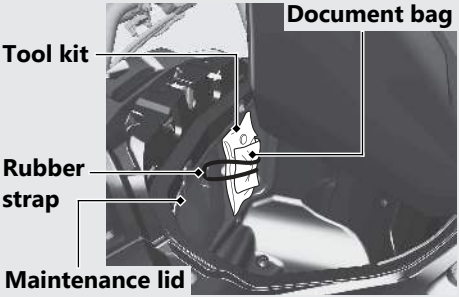


▶ Some helmets may not fit in the compartment due to their size or design.

Opening the luggage box. P.99

Tool Kit/Document Bag

The tool kit is located on the maintenance lid (in the luggage box) by the rubber strap.

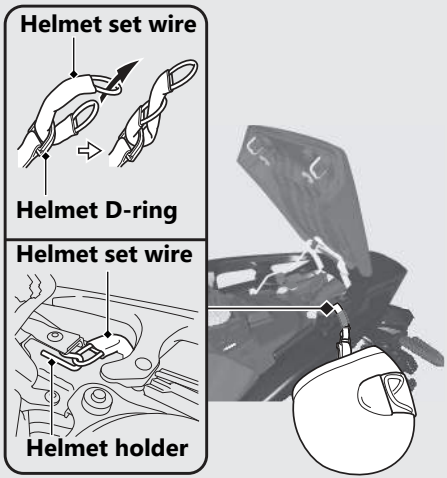


Opening the luggage box. P.99

Helmet holder

The helmet holder is located under the rear seat.

A helmet set wire is in the tool kit.



▶ Use the helmet holder only when parked.

Opening the rear seat. P.97

⚠WARNING

Riding with a helmet attached to the holder can interfere with the rear wheel or suspension and could cause 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.

Maintenance

Please read “Importance of Maintenance” and “Maintenance Fundamentals” carefully before attempting any maintenance. Refer to “Specifications” for service data.

Importance of Maintenance ..... P. 103
Maintenance Schedule ..... P. 104
Maintenance Fundamentals ..... P. 109
Tool ..... P. 121
Removing & Installing Body Components ..... P. 122
- Battery ..... P. 122
- Clip ..... P. 123
- Harness Band Clip ..... P. 124
- Lower Cowl ..... P. 125
- Maintenance Lid ..... P. 127

Engine Oil ..... P. 128
Coolant ..... P. 130
Brakes ..... P. 132
Side Stand ..... P. 135
Drive Chain ..... P. 136
Clutch ..... P. 137
Throttle ..... P. 140
Other Adjustments ..... P. 141
- Adjusting the Brake Lever ..... P. 141
- Adjusting the Rear Suspension ..... P. 142

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. 104

⚠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, FO, KO type

Items		Pre-ride Check P. 109	Frequency*1						Annual Check	Regular Replace	Refer to page
			× 1,000 km	1	12	24	36	48			
			× 1,000 mi	0.6	8	16	24	32			
Fuel Line	🔧				I	I	I	I	I		–
Fuel Level		I									–
Throttle Operation	🔧	I			I	I	I	I	I		140
Air Cleaner *2	🔧					●		●			–
Crankcase Breather*3					C	C	C	C			–
Spark Plug	🔧					I		●			–
Valve Clearance	🔧					I		I			–
Engine Oil		I		●	●	●	●	●	●		128
Engine Oil Filter											–
Clutch Oil Filter*6				●		●		●			–
Engine Idle Speed	🔧				I	I	I	I	I		–
Radiator Coolant *4		I			I	I	I	I	I	3 Years	130
Cooling System	🔧				I	I	I	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

: Replace

C : Clean

Continued

Items		Pre-ride Check ➡ P. 109	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		I		Every 1,000 km (600 mi): I L							136
Drive Chain Slider					I	I	I	I			–
Brake Fluid *4		I			I	I	I	I	I	2 Years	132
Brake Pads Wear		I			I	I	I	I	I		133
Brake System					I	I	I	I	I		109
Brakelight Switch					I	I	I	I	I		134
Brake Lock Operation*6	🔧				I	I	I	I			134
Headlight Aim					I	I	I	I	I		–
Lights/Horn		I									–
Engine Stop Switch		I									–
Clutch System*5		I			I	I	I	I	I		109
Side Stand		I			I	I	I	I	I		135
Suspension	🔧				I	I	I	I	I		–
Nuts, Bolts, Fasteners	🔧				I	I	I	I	I		–
Wheels/Tyres	✕	I			I	I	I	I	I		117
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 : NC750XA only.

*6 : NC750XD only.

GS type

Items		Pre-ride Check ➡ P. 109	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			
Fuel Line	🔧					I		I		I	I		–
Fuel Level		I											–
Throttle Operation	🔧	I				I		I		I	I		140
Air Cleaner *2	🔧						●			●			–
Crankcase Breather*3					C	C	C	C	C	C			–
Spark Plug	🔧		Every 24,000 km (16,000 mi): I Every 48,000 km (32,000 mi): ●										–
Valve Clearance	🔧							I					–
Engine Oil		I		●		●		●		●	●		128
Engine Oil Filter													–
Engine Idle Speed	🔧					I		I		I	I		–
Radiator Coolant *4		I				I		I		I	I	3 Years	130
Cooling System	🔧					I		I		I	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

: Replace

C : Clean

Continued

Items		Pre-ride Check ➡ P. 109	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			
Drive Chain		I	Every 1,000 km (600 mi): I L										136
Drive Chain Slider						I		I		I			–
Brake Fluid *4		I			I	I	I	I	I	I	I	2 Years	132
Brake Pads Wear		I			I	I	I	I	I	I	I		133
Brake System						I		I		I	I		109
Brakelight Switch						I		I		I	I		134
Headlight Aim						I		I		I	I		–
Lights/Horn		I											–
Engine Stop Switch		I											–
Clutch System		I			I	I	I	I	I	I	I		109
Side Stand		I				I		I		I	I		135
Suspension						I		I		I	I		–
Nuts, Bolts, Fasteners						I		I		I	I		–
Wheels/Tyres		I				I		I		I	I		117
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.

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. 97
- Throttle - Check for smooth opening and full closing in all steering positions. ➔P. 140
- Engine oil level - Add engine oil if necessary. Check for leaks. ➔P. 128
- Coolant level - Add coolant if required. Check for leaks. ➔P. 130
- Drive chain - Check condition and slack, adjust and lubricate if necessary. ➔P. 136
- Brakes - Check operation;
  Front and Rear: check brake fluid level and pads wear. ➔P. 132, ➔P. 133
- Lights and horn - Check that lights, indicators and horn function properly.
- Engine stop switch - Check for proper function. ➔P. 71
- Side stand ignition cut-off system - Check for proper function. ➔P. 135
- Wheels and tyres - Check condition, air pressure and adjust if necessary. ➔P. 117
- NC750XA
  Clutch - Check operation;
  Adjust freeplay if necessary. ➔P. 137

Replacing Parts

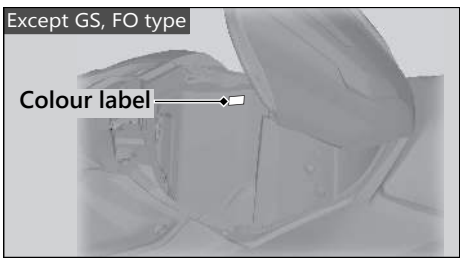
Always use Honda Genuine Parts or their equivalents to ensure reliability and safety.

Except GS, FO type

When ordering coloured components, specify the model name, colour, and code mentioned on the colour label.

The colour label is attached to the luggage box.
➔P. 99

Except GS, FO type



⚠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.

Battery

Your vehicle has a maintenance-free type battery. You do not have to check the battery electrolyte level or add distilled water. Clean the battery terminals if they become dirty or corroded.

Do not remove the battery cap seals. There is no need to remove the cap when charging.

NOTICE

Your battery is a maintenance-free type and can be permanently damaged if the cap strip is removed.



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 occur, immediately see your doctor.

- Electrolyte splashes into your eyes:
  - ▶ Wash your eyes repeatedly with cool water for at least 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.

Continued

- Electrolyte splashes into your mouth:
  ▶ Rinse mouth thoroughly with water, and do not swallow.

⚠WARNING

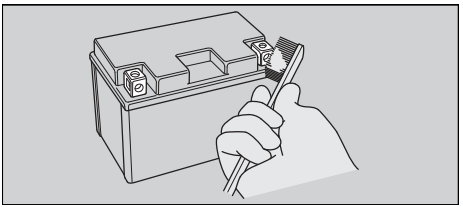
The battery gives off explosive hydrogen gas during normal operation.

A spark or flame can cause the battery to explode with enough force to kill or seriously hurt you.

Wear protective clothing and a face shield, or have a skilled mechanic do the battery servicing.

Cleaning the Battery Terminals

1. Remove the battery. ➡P. 122
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 maintenance-free battery of the same type.

NOTICE

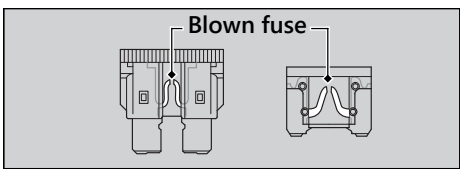
Installing non-Honda electrical accessories can overload the electrical system, discharging the battery and possibly damaging the system.

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. 154

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. 175



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.

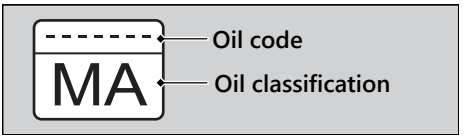
Selecting the Engine Oil

For recommended engine oil, see "Specifications." P. 174

If you use non-Honda engine oil, check the label to make sure that the oil satisfies all of the following standards:

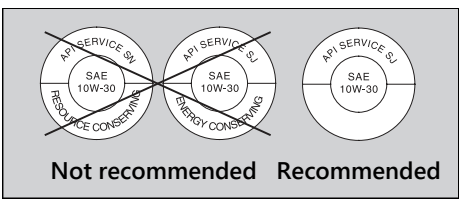
- JASO T 903 standard[*1]: MA
- SAE standard[*2]: 10W-30
- API classification[*3]: SG or higher

*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 SG 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:

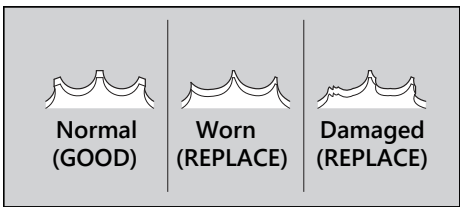
Honda DOT 4 Brake Fluid or equivalent

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. 136

If the chain does not move smoothly, makes strange noises, has damaged rollers, has loose pins, has missing O-rings, or 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

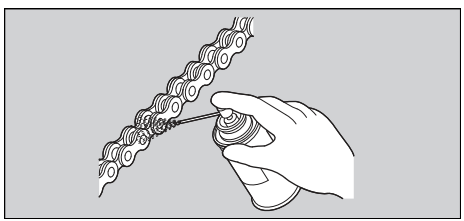
After inspecting the slack, clean the chain and sprockets while rotating the rear wheel. Use a dry cloth with chain cleaner designed specifically for O-ring chains, or neutral detergent. Use a soft brush if the chain is dirty.

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 Singapore, Hong Kong, Macao, Taiwan

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.

NOTICE

Using coolant not specified for aluminium engines or tap/mineral water can cause corrosion.

Singapore, Hong Kong, Macao, Taiwan

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. 104

NOTICE

Using coolant not specified for aluminium engines or tap/mineral water can cause corrosion.

Crankcase Breather

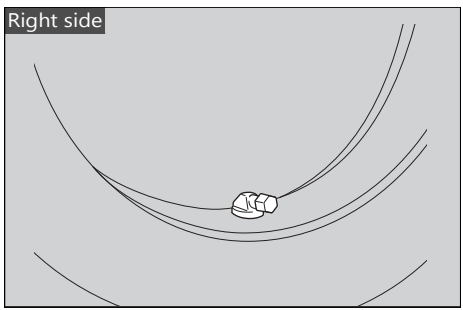
Service more frequently when riding in rain, at full throttle, or after the vehicle is washed or overturned. Service if the deposit level can be seen in the transparent section of the drain tube.

If the drain tube overflows, the air filter may become contaminated with engine oil causing poor engine performance.

Tyres (Inspecting/Replacing)

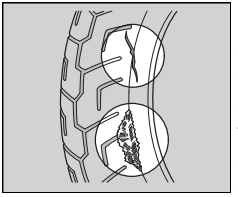
Checking the Air Pressure

Visually inspect your tyres and use an air pressure gauge to measure the air pressure at least once a month or any time you think the tyres look low. Always check air pressure when your tyres are cold. 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.



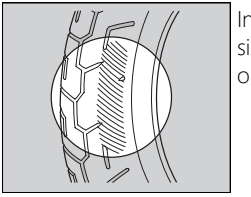
Continued

Inspecting for Damage



Inspect the tyres for cuts, slits, or cracks that exposes 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.

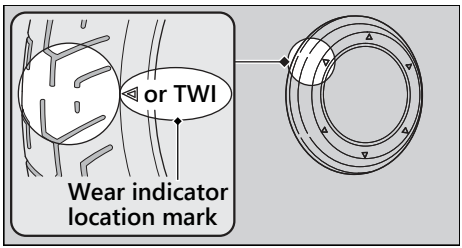
Inspecting for Abnormal Wear



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. 174
Follow these guidelines whenever you replace tyres.

- Use the recommended tyres or 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.

⚠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.

Tool

The tool kit is stored in the luggage box.
➔P. 100

You can perform some roadside repairs, minor adjustments and parts replacement with the provided tools.

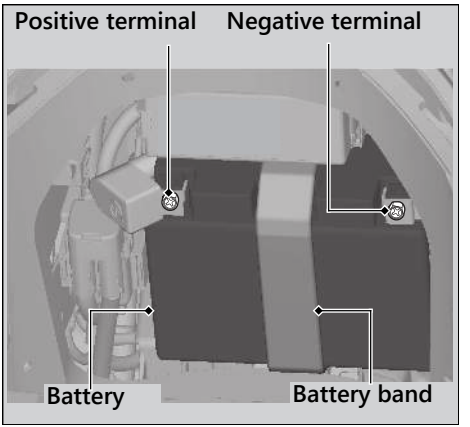
ED, II ED, FO type

- 10 x 14 mm Open end wrench
- 12 x 14 mm Open end wrench
- Standard/Phillips screwdriver
- Screwdriver handle
- Pin spanner
- Extension bar
- 5 mm Hex wrench
- Helmet set wire
- Fuse puller

GS, KO type

- 10 x 14 mm Open end wrench
- 12 x 14 mm Open end wrench
- Standard/Phillips screwdriver
- Screwdriver handle
- 5 mm Hex wrench
- Helmet set wire
- Fuse puller

Battery



Removal

Make sure the ignition switch is in the ○ (Off) position.

1. Open the luggage box. ➡ P. 99
2. Remove the maintenance lid. ➡ P. 127
3. Unhook the battery band.
4. Disconnect the negative ⊖ terminal from the battery.
5. Disconnect the positive ⊕ terminal from the battery.
6. Remove the battery 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.

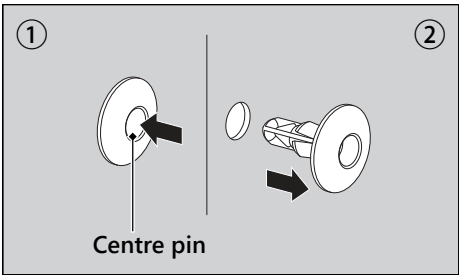
Make sure the clock information is correct after the battery is reconnected. ➡ P. 45

For proper handling of the battery, see "Maintenance Fundamentals." ➡ P. 111

"Battery Goes Dead." ➡ P. 153

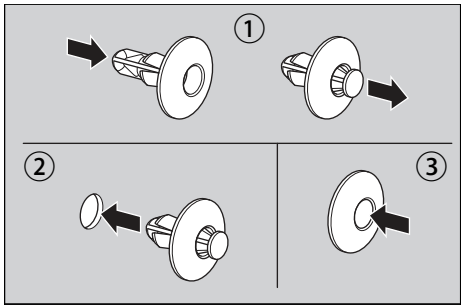
Clip

Removal



1. Press down on the centre pin to release the lock.
2. Pull the clip out of the hole.

Installation

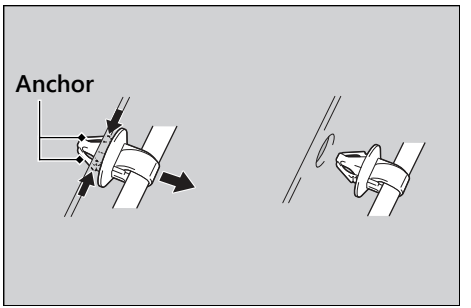


1. Push the bottom of the centre pin.
2. Insert the clip into the hole.
3. Press down on the centre pin to lock the clip.

Harness Band Clip

Removal

Pull the harness band clip while pressing both sides of the anchor.

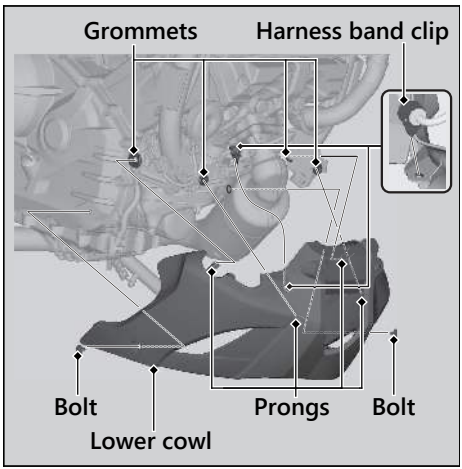


Installation

Install the harness band clip until it seats properly.

Lower Cowl

NC750XA



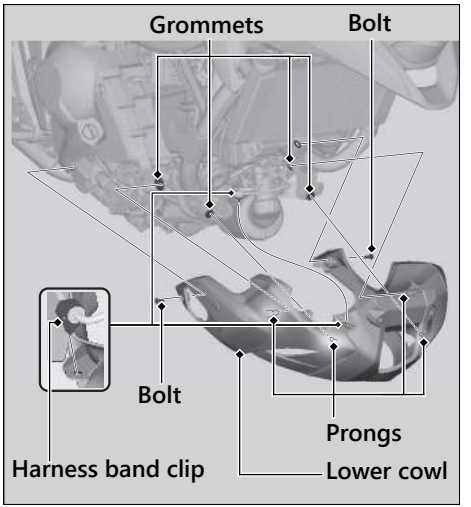
Removal

1. Remove the bolts.
2. Remove the lower cowl by releasing its prongs from the grommets.
3. Remove the lower cowl while releasing the harness band clip. P. 124
   ▶ Be careful not to damage the wire harness.

Installation

Install the parts in the reverse order of removal.

NC750XD



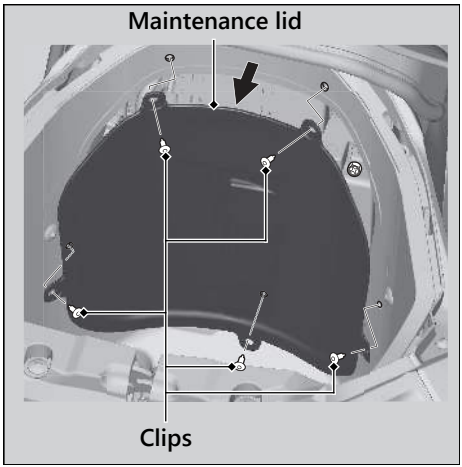
Removal

1. Remove the bolts.
2. Remove the lower cowl by releasing its prongs from the grommets.
3. Remove the lower cowl while releasing the harness band clip. P. 124
   ▶ Be careful not to damage the wire harness.

Installation

Install the parts in the reverse order of removal.

Maintenance Lid



Removal

1. Open the luggage box. P. 99
2. Remove the clips. P. 123
3. Remove the maintenance lid.

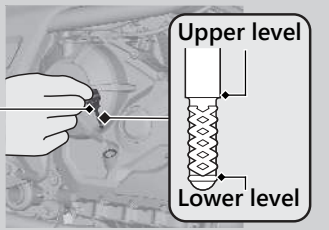
Installation

Install the parts in the reverse order of removal.

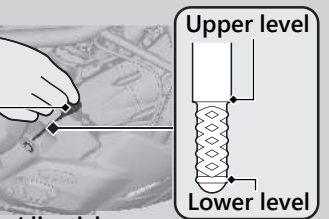
Checking the Engine Oil

1. If the engine is cold, idle the engine for 3 to 5 minutes.
2. Turn the ignition switch to the ○ (Off) position and wait for 2 to 3 minutes.
3. Place your vehicle in an upright position on a firm, level surface.
4. Remove the oil fill cap/dipstick and wipe it clean.
5. Insert the oil fill cap/dipstick until it seats, but don't screw it in.
6. Check that the oil level is between the upper level and lower level marks on the oil fill cap/dipstick.
7. Securely install the oil fill cap/dipstick.

NC750XA



NC750XD



Adding Engine Oil

If the engine oil is below or near the lower level mark, add the recommended engine oil.
P. 113, P. 174

1. Remove the oil fill cap/dipstick. 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/dipstick.

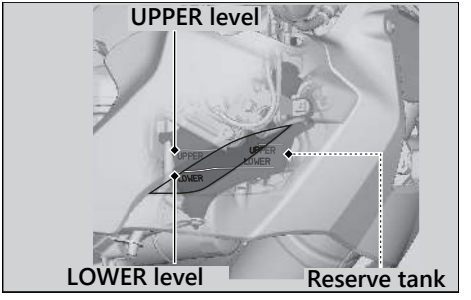
NOTICE
Overfilling with oil or operating with insufficient oil can cause damage to your engine. Do not mix different brands and grades of oil. They may affect lubrication and clutch operation.

For the recommended oil and oil selection guidelines, see "Maintenance Fundamentals."
P. 113

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.

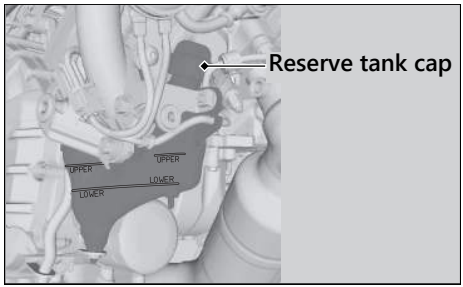
Adding Coolant

If the coolant level is below the LOWER level mark, add the recommended coolant (➡P. 116) 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 lower cowl. ➡P. 125

2. 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.
3. Securely reinstall the reserve tank cap.
4. Install the lower cowl.



⚠WARNING

Removing the radiator cap while the engine is hot can cause the coolant to spray out, potentially scalding you.

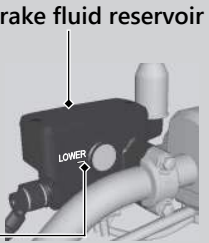
Always let the engine and radiator cool down before removing the radiator cap.

Checking Brake Fluid

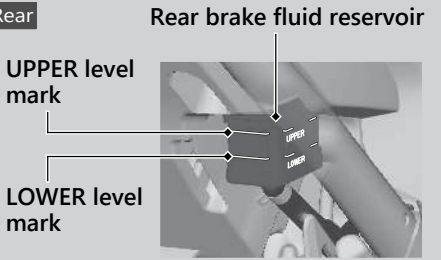
1. Place your vehicle in an upright position on a firm, level surface.
2. Front Check that the brake fluid reservoir is horizontal and that the fluid level is above the LOWER level mark.
   Rear Check that the brake fluid reservoir is horizontal and that the fluid level is between the LOWER level and 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

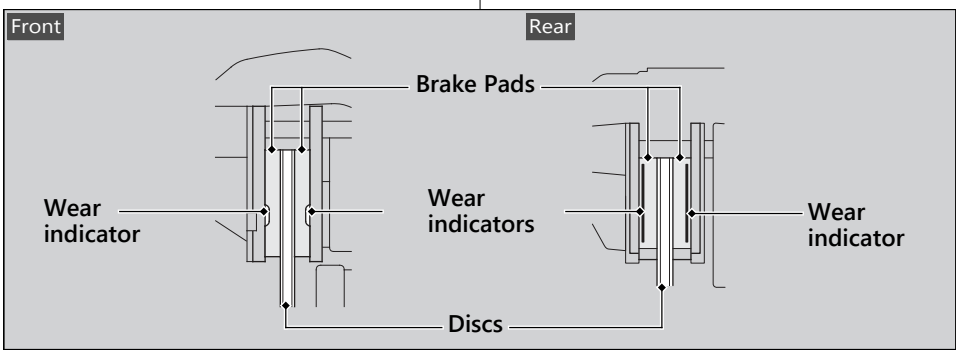


Inspecting the Brake Pads

Check the condition of the brake pad wear indicators.
The pads need to be replaced if a brake pad is worn to the indicator.

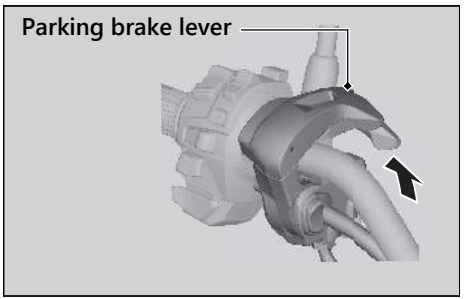
1. Front Inspect the brake pads from below the brake caliper.
2. Rear Inspect the brake pads from the rear right of the motorcycle.

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

NC750XD

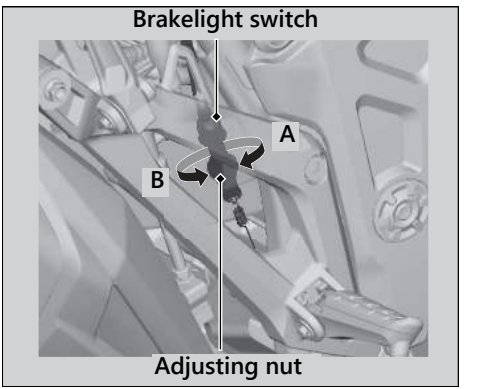


Place your vehicle on a firm, level surface. Stop the engine and push your vehicle while set the parking brake to check the efficacy of the parking brake.

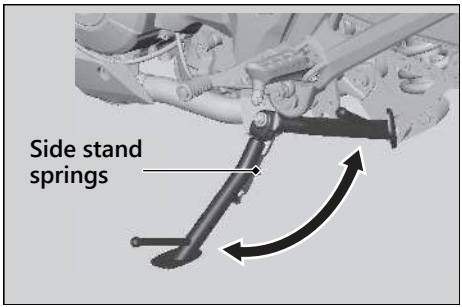
If the efficacy of the parking brake becomes weak, have the brake adjusted by your dealer.

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 springs for damage or loss of tension.
3. NC750XA
   Sit on the vehicle, shift the transmission to Neutral, and raise the side stand.
   NC750XD
   Sit on the vehicle and raise the side stand.
4. NC750XA
   Start the engine, pull the clutch lever in, and shift the transmission into gear.
   NC750XD
   Start the engine and press the D 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.

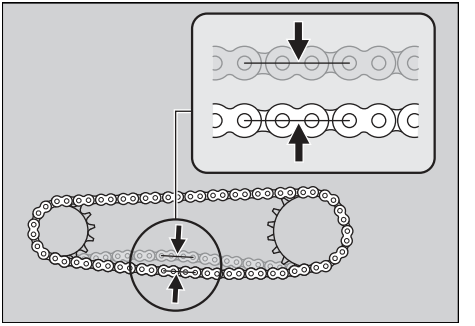
Inspecting the Drive Chain Slack

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. Check the slack in the lower half of the drive chain midway between the sprockets.

Drive chain slack:
25 - 35 mm (1.0 - 1.4 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. 114
6. Clean and lubricate the drive chain. P. 115

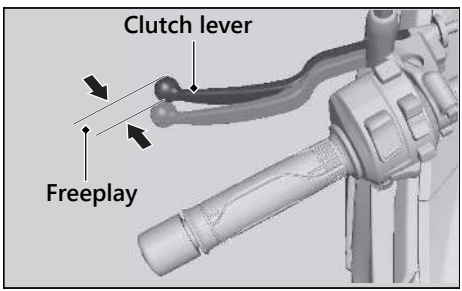
Checking the Clutch

NC750XA

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.

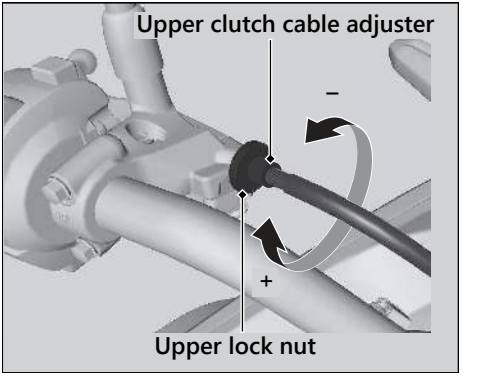
Adjusting the Clutch Lever Freeplay

NC750XA

Upper Adjustment

Attempt adjustment with the upper clutch cable adjuster first.

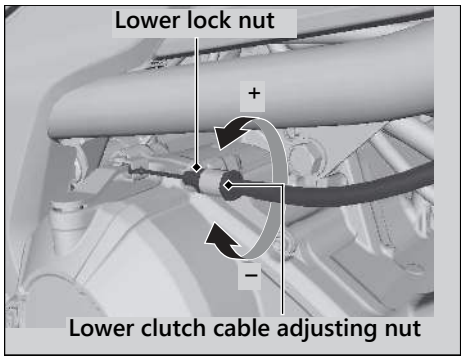
1. Loosen the upper lock nut.
2. Turn the upper clutch cable adjuster until the freeplay is 10 to 20 mm (0.4 to 0.8 in).
3. Tighten the upper lock nut and check the freeplay again.



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 to 20 mm (0.4 to 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, close automatically, have the vehicle inspected by your dealer.

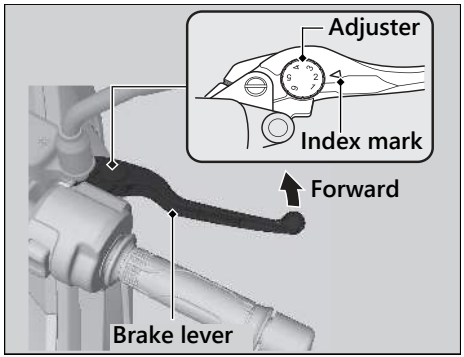
Adjusting the Brake Lever

You can adjust the distance between the tip of 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 Rear Suspension

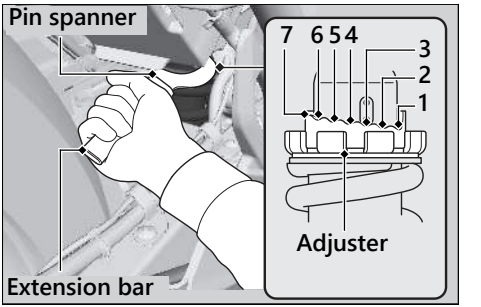
GS, KO type

Adjusting the suspension requires a pin spanner. We recommend that you have your motorcycle serviced by your dealer.

ED, II ED, FO type

Spring Preload

You can adjust the spring preload by the adjuster to suit the load or the road surface. Use the pin spanner and extension bar to turn the adjuster. Position 1 to 2 decrease spring preload (soft), or turn the position 4 to 7 increase spring preload (hard). The standard position is 3.



NOTICE
Attempting to adjust directly from 1 to 7 or 7 to 1 may damage the shock absorber.

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.

Troubleshooting

Engine Will Not Start (HISS indicator stays on) ..... P. 144
Overheating (High coolant temperature indicator is on) ..... P. 145
Warning Indicators On or Flashing ..... P. 146
Low Oil Pressure Indicator ..... P. 146
PGM-FI (Programmed Fuel Injection) Malfunction Indicator Lamp (MIL) ..... P. 147
ABS (Anti-lock Brake System) Indicator ..... P. 148
Torque Control Indicator ..... P. 149
If the "–" Indicator is Blinking in the Gear Position Window While Riding ..... P. 150
Other Warning Indications ..... P. 151
Fuel Gauge Failure Indication ..... P. 151
Tyre Puncture ..... P. 152
Electrical Trouble ..... P. 153
Battery Goes Dead ..... P. 153
Burned-out Light Bulb ..... P. 153
Blown Fuse ..... P. 154

Starter Motor Operates But Engine Does Not Start

Check the following items:

- Check the correct engine starting sequence. ➡P. 85
- 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. 85
- Make sure engine stop switch is in the ↻ (Run) position. ➡P. 71
- Check for a blown fuse. ➡P. 154
- Check for a loose battery connection (➡P. 122) or battery terminal corrosion (➡P. 111).
- Check the condition of the battery. ➡P. 153

If the problem continues, have your vehicle inspected by your dealer.

Overheating (High coolant temperature indicator is on)

The engine is overheating when the following occurs:

- High coolant temperature indicator comes on.
- Acceleration becomes sluggish.

If this occurs, pull safely to the side of the road and perform the following procedure. Extended fast idling may cause the high coolant temperature indicator to come on.

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. 130

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. 130
   ▶ Add coolant as necessary.
5. If 1-4 check normal, you may continue riding, but closely monitor the high coolant temperature indicator.

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. 128, ➡ P. 129
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, FO 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.

Except GS, FO 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.

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 you drive with the malfunction indicator lamp on, the emissions control system and the engine could be damaged.

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 ○ (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 ○ (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

NC750XD

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 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.

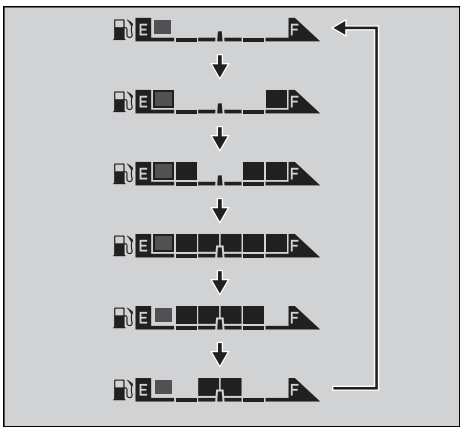
Take your vehicle to your dealer riding at a safe speed.

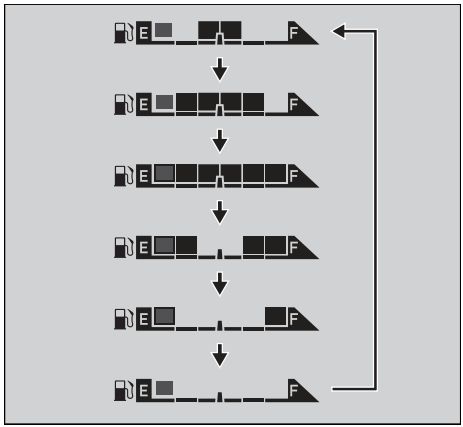
If you can't shift from N to D mode and the "–" indicator is blinking:

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, the fuel gauge indicators will be displayed as shown in the illustration.
If this occurs, 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.

Battery Goes Dead

Charge the battery using a motorcycle battery charger.
Remove the battery from the vehicle before charging.
Do not use an automobile-type battery charger, as these can overheat a motorcycle battery and cause permanent damage. If the battery does not recover after recharging, contact your dealer.

NOTICE
Jump starting using an automobile battery can damage your vehicle's electrical system and is not recommended.

Burned-out Light Bulb

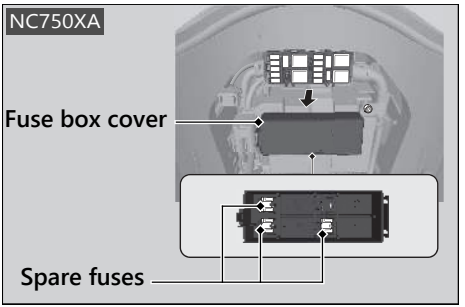
All light bulbs on the vehicle are LEDs. If there is an LED which is not turned on, see your dealer for servicing.

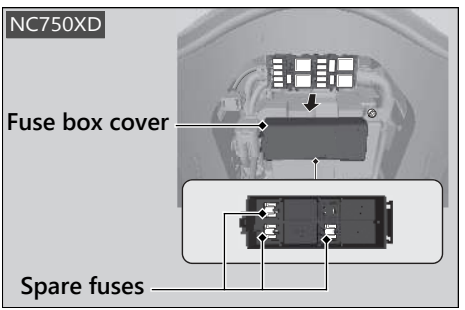
Blown Fuse

Before handling fuses, see "Inspecting and Replacing Fuses." P. 113

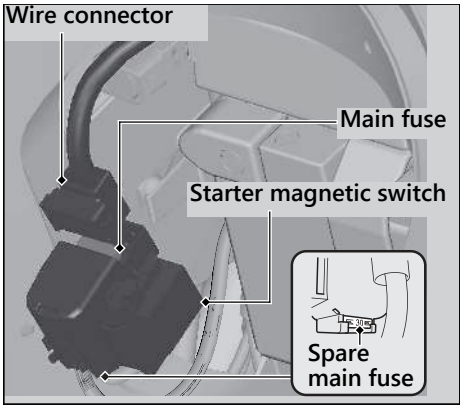
Fuse Box Fuses

1. Open the luggage box. P. 99
2. Remove the maintenance lid. P. 127
3. Remove the fuse box cover.
4. Pull the fuses out one by one with the fuse puller in the tool kit and check for a blown fuse. Always replace a blown fuse with a spare fuse of the same rating.
   ▶ Spare fuses are provided inside of the fuse box cover.
5. Reinstall parts in the reverse order of removal.





Main Fuse



1. Open the luggage box. P. 99
2. Remove the maintenance lid. P. 127
3. Disconnect the wire connector of the starter magnetic switch.
4. Pull the main fuse out and check for a blown fuse. Always replace a blown fuse with a spare fuse of the same rating.
   ▶ Spare main fuse is 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. 157
Keys..... P. 157
Instruments, Controls, & Other Features... P. 159
Caring for Your Vehicle..... P. 163
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You & the Environment ..... P. 169
Serial Numbers ..... P. 170
Fuels Containing Alcohol ..... P. 171
Catalytic Converter ..... P. 172

Service Diagnostic Recorders

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.

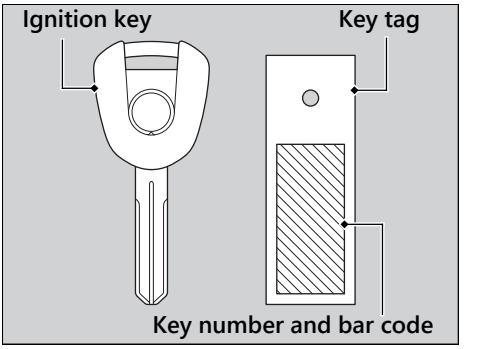
Continued

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 locks at 999,999 when the read-out exceeds 999,999.

Tripmeter

The tripmeters return to 0.0 when each read-out 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. 144

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. 43

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



Singapore only



Morocco only

AGREE PAR L'ANRT MAROC

Numéro d'agrément : MR 6164 ANRT 2011
Date d'agrément : 04/04/2011

Argentina only

CNC H-16919

UAE only

TRA
REGISTERED No:
ER44540/16
DEALER No:
DA0046049/10

Oman only

OMAN-TRA
TA-R/3085/16
D090024

Taiwan only

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。
前項合法通信，指依電信法規定作業之無線電通信。
低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Korea only

기 기 의 명 칭	미약전계강도무선기기
Equipment Name	

Continued

Document Bag

The owner's manual, registration, and insurance information can be stored in the plastic document bag located luggage box. P. 99

Ignition Cut-off System

A banking (lean angle) sensor automatically stops the engine and fuel pump if the vehicle falls over. To reset the sensor, you must turn the ignition switch to the ○ (Off) position and back to the | (On) position before the engine can be restarted.

Assist-slipper Clutch System

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.

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. Always wash your vehicle thoroughly after riding on coastal or treated 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.
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.

Continued

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 in the luggage box:
  ▶ Water in the luggage box 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 surface:
  - ▶ 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.

Continued

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.

When 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.

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. 114
- 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. 122) 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

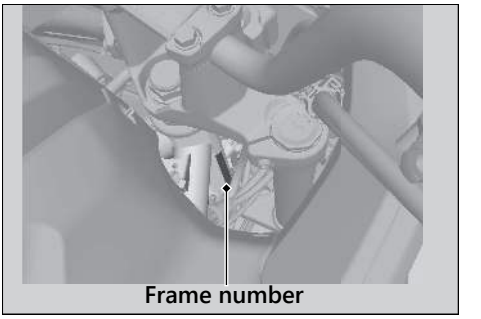
Use a biodegradable detergent when you wash your vehicle. Avoid aerosol spray cleaners that contain chlorofluorocarbons (CFCs) which damage the atmosphere's protective ozone layer.

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 a three-way catalytic converter. The 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 gasses 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 converter.

- Always use unleaded petrol. Leaded petrol will damage the catalytic converter.
- 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.

■ Main Components

Overall length	2,210 mm (87.0 in)	
Overall width	846 mm (33.3 in)	
Overall height	1,330 mm (52.4 in)	
Wheelbase	**NC750XA**	1,525 mm (60.0 in)
	NC750XD	1,535 mm (60.4 in)
Minimum ground clearance	145 mm (5.7 in)	
Caster angle	27° 00′	
Trail	110 mm (4.3 in)	
Curb weight	**NC750XA**	214 kg (472 lb)
	NC750XD	224 kg (494 lb)
Maximum weight capacity *1	**ED, II ED, GS, FO type**	209 kg (461 lb)
	KO type	189 kg (417 lb)
Maximum luggage weight		27 kg (60 lb) *2
	Luggage box	5.0 kg (11.0 lb)
Passenger capacity	Rider and 1 passenger	
Minimum turning radius	3.0 m (9.8 ft)	
Displacement	745 cm^3 (45.4 cu-in)	
Bore x stroke	77.0 x 80.0 mm (3.03 x 3.15 in)	
Compression ratio	10.7 : 1	
Fuel	Unleaded petrol Recommended: 91 RON or higher	
Fuels containing alcohol	ETHANOL up to 10% by volume	
Tank capacity	14.1 L (3.73 US gal, 3.10 Imp gal)	
Battery	YTZ12S 12V-11.0Ah (10 HR) / 11.6Ah (20 HR)	
Gear ratio	**NC750XA**	1st 2.666
		2nd 1.904
		3rd 1.454
		4th 1.178
		5th 0.967
		6th 0.815
	NC750XD	1st 2.666
		2nd 1.904
		3rd 1.454
		4th 1.178
		5th 0.967
		6th 0.815
Reduction ratio (primary / final)	**NC750XA**	1.731 / 2.687
	NC750XD	1.921 / 2.411

*1 : Including rider, passenger, all luggage, and accessories
*2 : Except GS, FO, KO type

Service Data

Tyre size	Front	120/70ZR17M/C(58W)
	Rear	160/60ZR17M/C(69W)
Tyre type		Radial, tubeless
Recommended Tyre	Front	DUNLOP D609F
		METZELER TOURANCE NEXT N
	Rear	DUNLOP D609
		METZELER TOURANCE NEXT
Tyre category of use *1	Normal	Permitted
	Special	Not Permitted
	Snow	Not Permitted
	Moped	Not Permitted
Tyre air pressure	Front	250 kPa (2.50 kgf/cm², 36 psi)
	Rear	290 kPa (2.90 kgf/cm², 42 psi)
Minimum tread depth	Front	1.5 mm (0.06 in)
	Rear	2.0 mm (0.08 in)
Spark plug	(standard)	IFR6G-11K (NGK)
Spark plug gap	(non-adjustable)	1.00 - 1.10 mm (0.039 - 0.043 in)
Idle speed		1,200 ± 100 rpm
Recommended engine oil	Honda 4-stroke motorcycle oil API Service Classification SG or higher, excluding oils marked as "Energy Conserving" or "Resource Conserving," SAE 10W-30, JASO T 903 standard MA	

Engine oil capacity	NC750XA	After draining	3.4 L (3.6 US qt, 3.0 Imp qt)
		After draining & engine oil filter change	3.6 L (3.8 US qt, 3.2 Imp qt)
		After disassembly	4.0 L (4.2 US qt, 3.5 Imp qt)
	NC750XD	After draining	3.1 L (3.3 US qt, 2.7 Imp qt)
		After draining & engine oil filter change	3.4 L (3.6 US qt, 3.0 Imp qt)
		After draining, engine & clutch oil filter change	3.4 L (3.6 US qt, 3.0 Imp qt)
		After disassembly	4.0 L (4.2 US qt, 3.5 Imp qt)
Recommended brake fluid	Honda DOT 4 Brake Fluid		
Cooling system capacity	1.69 L (1.79 US qt, 1.49 Imp qt)		

*1 : EU regulation

Recommended coolant	Except Singapore, Hong Kong, Macao, Taiwan		Pro Honda HP Coolant
	Singapore, Hong Kong, Macao, Taiwan		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	25 - 35 mm (1.0 - 1.4 in)		
Standard drive chain	DID 520V0 or RK 520KHO		
		No. of links	114
Standard sprocket size	**NC750XA**	Drive sprocket	16T
		Driven sprocket	43T
	NC750XD	Drive sprocket	17T
		Driven sprocket	41T

Bulbs

Headlight	LED
Brakelight/Taillight	LED
Front turn signal	LED
Rear turn signal	LED
Position light	LED
License plate light	LED

Fuses

Main fuse	30A
Other fuse	30A, 15A, 10A

Online Owner's Manual
https://www.hondamotopub.com/

HONDA

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00X32-MKW-6000

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