



2022 NT1100A/D

SET-UP INSTRUCTIONS



SET-UP AND PRE-DELIVERY SERVICE MUST
BE PERFORMED BY AN AUTHORIZED
HONDA MOTORCYCLE DEALER.

92MLF00
Honda Motor Co.,Ltd.2021
Published by Honda Motor Co.,Ltd.
A DATA.2021.09

A Few Words About Safety

Service Information

The set-up and pre-delivery service information contained in this manual is intended for use by qualified, professional technicians.

Attempting service or repairs without the proper training, tools, and equipment could cause injury to you or others. It could also damage the vehicle or create an unsafe condition.

This manual describes the proper methods and procedures for performing set-up and pre-delivery. Some procedures require the use of specially designed tools and dedicated equipment. Any person who intends to use a replacement part, service procedure or a tool that is not recommended by Honda, must determine the risks to their personal safety and the safe operation of the vehicle.

If you need to replace a part, use Honda genuine parts with the correct part number or an equivalent part. We strongly recommend that you do not use replacement parts of inferior quality.

For Your Customer's Safety

Proper set-up and pre-delivery are essential to the customer's safety and the reliability of the vehicle. Any error or oversight while servicing a vehicle can result in faulty operation, damage to the vehicle, or injury to others.

For Your Safety

Because this manual is intended for the professional service technician, we do not provide warnings about many basic shop safety practices (e.g., Hot parts—wear gloves). If you have not received shop safety training or do not feel confident about your knowledge of safe servicing practice, we recommended that you do not attempt to perform the procedures described in this manual.

Some of the most important general service safety precautions are given below. However, we cannot warn you of every conceivable hazard that can arise in performing set-up and pre-delivery procedures. Only you can decide whether or not you should perform a given task.

Important Safety Precautions

Make sure you have a clear understanding of all basic shop safety practices and that you are wearing appropriate clothing and using safety equipment. When performing any service task, be especially careful of the following:

- Read all of the instructions before you begin, and make sure you have the tools, the replacement or repair parts, and the skills required to perform the tasks safely and completely.
- Protect your eyes by using proper safety glasses, goggles or face shields any time you hammer, drill, grind, pry or work around pressurized air or liquids, and springs or other stored-energy components. If there is any doubt, put on eye protection.
- Use other protective wear when necessary, for example gloves or safety shoes. Handling hot or sharp parts can cause severe burns or cuts. Before you grab something that looks like it can hurt you, stop and put on gloves.
- Protect yourself and others whenever you have the vehicle up in the air. Any time you lift the vehicle, either with a hoist or a jack, make sure that it is always securely supported. Use jack stands.

Make sure the engine is off before you begin any servicing procedures, unless the instruction tells you to do otherwise. This will help eliminate several potential hazards:

- Carbon monoxide poisoning from engine exhaust. Be sure there is adequate ventilation whenever you run the engine
- Burns from hot parts or coolant. Let the engine and exhaust system cool before working in those areas.
- Injury from moving parts. If the instruction tells you to run the engine, be sure your hands, fingers and clothing are out of the way.

Gasoline vapors and hydrogen gases from batteries are explosive. To reduce the possibility of a fire or explosion, be careful when working around gasoline or batteries.

- Use only a nonflammable solvent, not gasoline, to clean parts.
- Never drain or store gasoline in an open container.
- Keep all cigarettes, sparks and flames away from the battery and all fuel-related parts.

WARNING

Improper set-up or pre-delivery service can create an unsafe condition that can cause your customer to be seriously hurt or killed.

Follow the procedures and precautions in this manual and the service manual carefully.

WARNING

Failure to properly follow instructions and precautions can cause you to be seriously hurt or killed.

Follow the procedures and precautions in this manual carefully.

How To Use This Manual


This set-up and pre-delivery manual describes the service procedures for the NT1100A/D.

Follow the complete sequence of steps as shown. Do not short-cut any steps. The sequence has been established to ensure the unit is properly assembled.

Your safety, and the safety of others, is very important. To help you make informed decisions we have provided safety messages and other information throughout this manual. Of course, it is not practical or possible to warn you about all the hazards associated with servicing this vehicle.

You must use your own good judgment.

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, 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.

- Instructions – how to service this vehicle correctly and safely.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. The purpose of this message is to help prevent damage to your vehicle, other property, or the environment.

ALL INFORMATION, ILLUSTRATIONS, DIRECTIONS AND SPECIFICATIONS INCLUDED IN THIS PUBLICATION ARE BASED ON THE LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF APPROVAL FOR PRINTING. Honda Motor Co., Ltd. RESERVES THE RIGHT TO MAKE CHANGES AT ANY TIME WITHOUT NOTICE AND WITHOUT INCURRING ANY OBLIGATION WHATSOEVER. NO PART OF THIS PUBLICATION MAY BE REPRODUCED WITHOUT WRITTEN PERMISSION. THIS MANUAL IS WRITTEN FOR PERSONS WHO HAVE ACQUIRED BASIC KNOWLEDGE OF MAINTENANCE ON Honda MOTORCYCLES, MOTOR SCOOTERS OR ATVS. PLEASE NOTE THAT THE ILLUSTRATIONS AND PHOTOS IN THIS MANUAL MAY DIFFER FROM THE ACTUAL VEHICLE.

Modifications and Accessories

Modifications which you may have made, or should make in the future, to any Honda product, shall be deemed by our company to have been performed at your sole risk and responsibility, and without our company's or the manufacturer's approval, or consent, implied or expressed. We further disclaim any and all liability, obligation, or responsibility for any defects of modified parts or of the modified product, and for any claims, demands, or causes of action for damage to property or for personal injuries resulting from the modification of said Honda product.

Throughout this manual, the following abbreviations are used to identify individual models:

DESTINATION CODE	REGION
ED	European direct sales
FO	Taiwan
KO	Korea
TH	Thailand
U	Australia, New Zealand

SET-UP SECTION

CARTON COVER

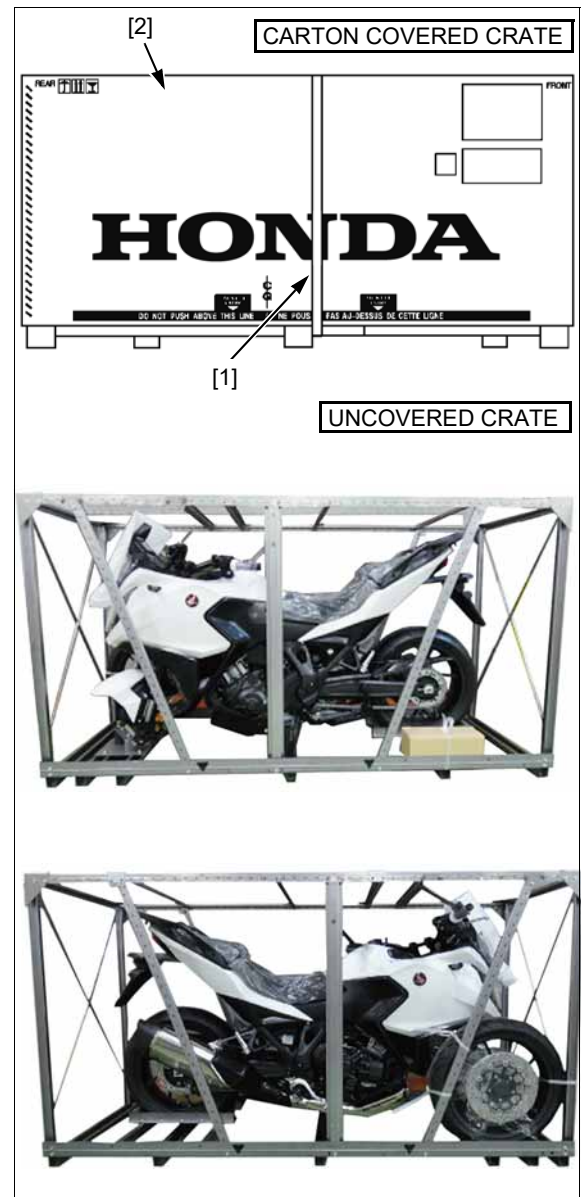
CARTON COVERED CRATE:

Cut the strap [1] and remove the carton cover [2].

Remove the inner cardboard top.

UNCOVERED CRATE (FOR SOME TYPES):

When stacking crates, protect the motorcycle from falling objects and bad weather.

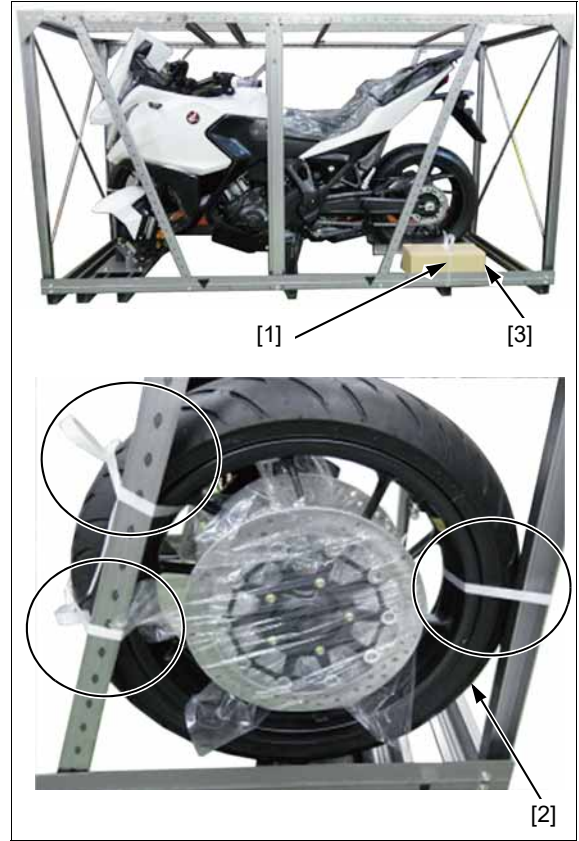


PARTS CARTON

Cut the straps [1] and remove the front wheel [2] and parts carton [3] from the crate base.

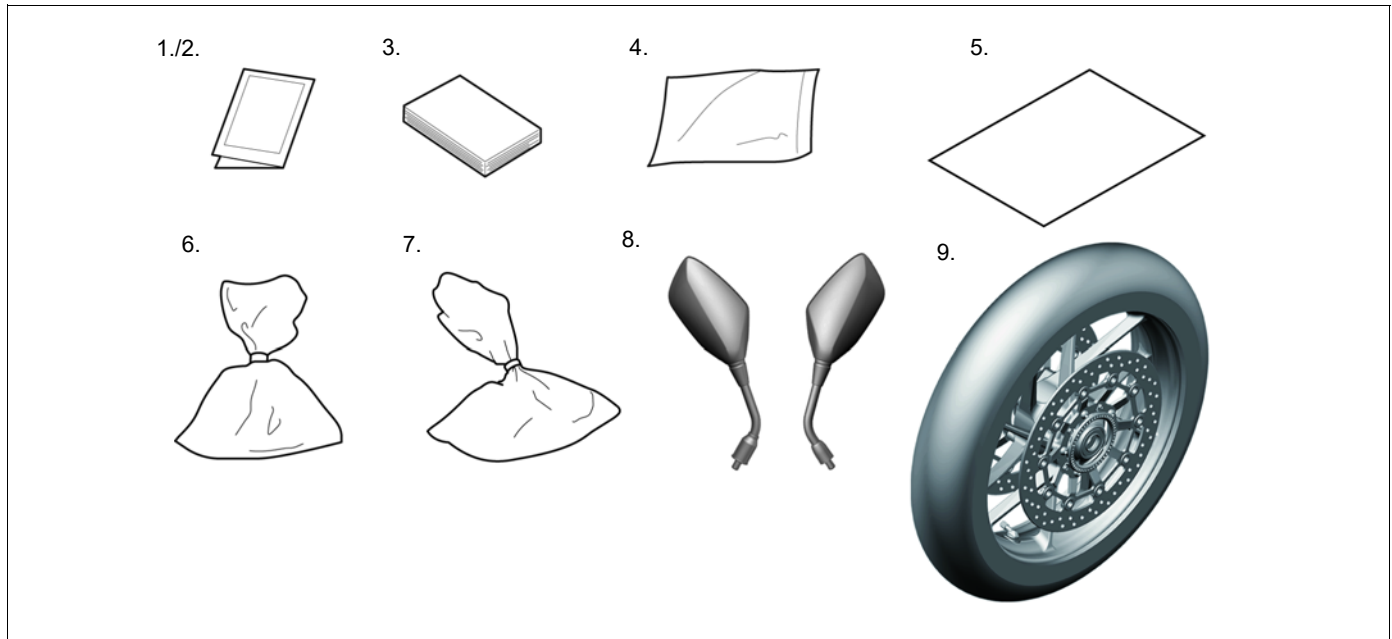
NOTICE

- *Before removing the parts carton on the front wheel side, protect the motorcycle exterior parts (especially the middle cowl) with a blanket to prevent damage.*



SET-UP PARTS

Unpack the remaining loose parts and check them against this illustration and lists.



	DESCRIPTION	QTY	PART NUMBER	Type
1.	Declaration	1	30432-MBW-D26 or 30432-MBW-D27	ED type only
2.	MID declaration	1	37911-MKS-E01	
3.	Owner's manual	1	00X32-MLF-600 (ED type only) 00X33-MLF-600 (ED type only) 00X35-MLF-600 (ED type only)	
4.	Owner's manual bag	1	-	
5.	Protective film	1	38500-MKS-E01	Attach to the MID.
6.	Special bolt (6 mm)	2	90085-MBW-000	For main seat
	Plain washer (6 mm)	2	94103-06800	
	Flange bolt (10 mm)	4	90131-MLF-E00	For front brake caliper
	Plain washer (6 mm)	2	94103-06800	For number plate (FO type only)
	Number plate bracket washer	2	90402-GB0-900	For number plate (FO type only)
7.	Side collar	2	44312-MCE-950	For front wheel
	Front axle bolt	1	90112-MKN-D50	
8.	Right rearview mirror	1	88110-MKS-E01	MT
			88110-MKS-E51	DCT
	Left rearview mirror	1	88120-MKS-E01	
9.	Front wheel assembly	1	44600-MLF-E00	

CRATE FRAME REMOVAL

NOTICE

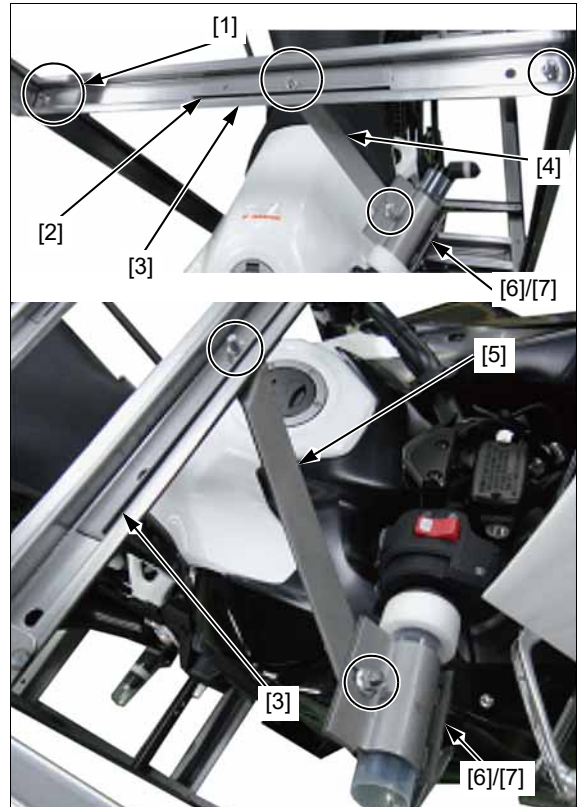
- *Using two people, carefully lift off the crate frame.*
- *Take care not to damage the motorcycle while removing the crate frame.*

Remove the protect coverings from the handlebar grips.

Remove the following:

- Nuts [1]
- Bridge plates [2]
- Inner plate [3]
- Left front clamber [4]
- Right front clamber [5]

Remove the front clamber A [6] and B [7] from the grips.

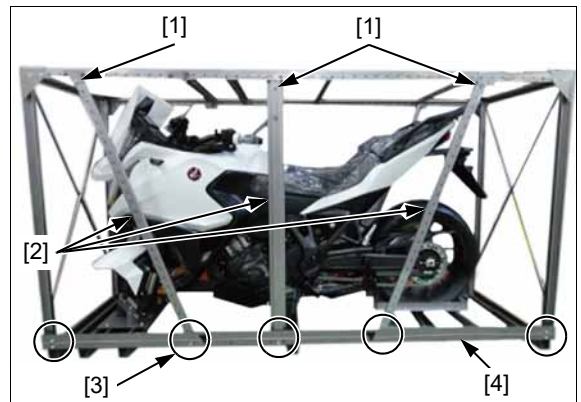


Loosen the upper bolts [1] attaching the crate side braces [2].

Remove the lower bolts [3] attaching the crate side braces and ends from the crate base [4].

NOTE:

- *Using two people, carefully lift off the crate frame/side brace to the right side of the motorcycle.*
- *Be careful not to damage the motorcycle while removing the crate frame/side brace.*



MOTORCYCLE REMOVAL FROM THE CRATE BASE

NOTICE

- *Using two people, carefully to roll the motorcycle.*
- *Do not roll the motorcycle off the crate base as it will damage the body parts.*
- *Be careful not to damage the fuel tank, wire harness, clutch cable, or front brake hose with the sling.*

Route sling [1] on the handlebar [2] between the handlebar holders.

Be careful not to damage the handlebar or trap any wires, cables or hoses with the sling.

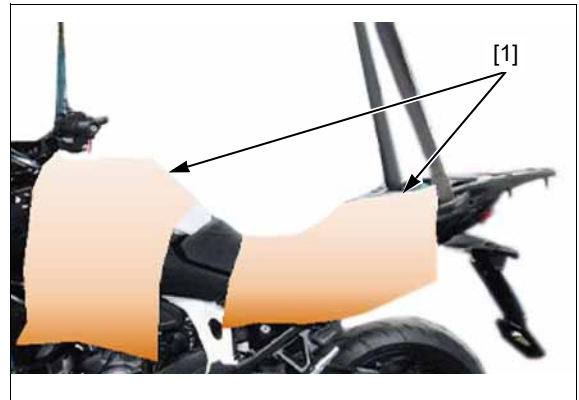


2022 NT1100A/D

Hook the slings [1] under the rear carrier [2] as shown.
Lift the motorcycle just enough to remove the slack from the slings.



To prevent damage, cover the motorcycle with a blanket [1].
Lift the motorcycle free of the crate base and remove the base.
Lower the sidestand or the mainstand and place the motorcycle on a level surface.

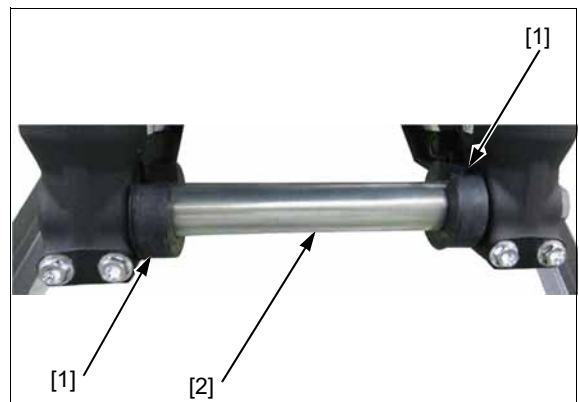


Remove the bolts [1] and the front shipping bracket [2].



Remove the following:

- Rubber cushions [1]
- Front axle cover [2]



FRONT WHEEL INSTALLATION

PARTS	QTY
Front wheel assembly	1
Side collar	2
Flange bolt (10 mm)	4
Front axle bolt	1

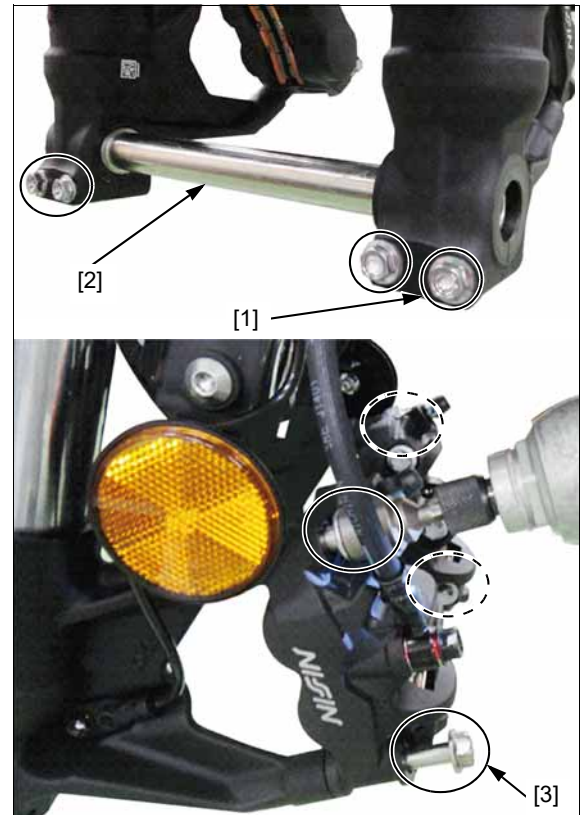
Loosen the axle holder pinch bolts [1].

Remove the axle [2].

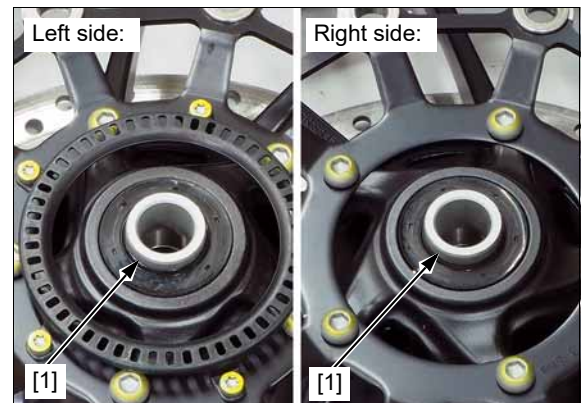
Remove the dummy caliper mounting bolts [3].

NOTICE

- Do not reuse the dummy caliper mounting bolts.



Install the side collars [1].



Apply a thin coat of grease to the front axle sliding surface.
Install the front wheel between the forks.

Install and tighten the front axle bolt [1] to the specified torque.

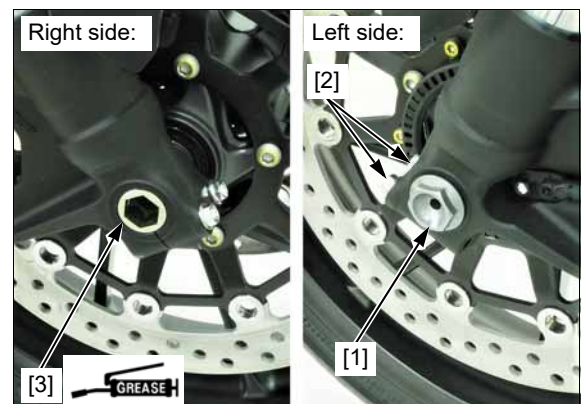
TORQUE: 59 N·m (6.0 kgf·m, 44 lbf·ft)

Tighten the left front axle holder pinch bolts [2] to the specified torque.

TORQUE: 27 N·m (2.8 kgf·m, 20 lbf·ft)

NOTE:

- Be careful not to damage the pulser ring.
- Install the front axle [3] from the right side.



2022 NT1100A/D

Install the front brake calipers [1] and new front brake caliper mounting bolts [2].

Tighten the front brake caliper mounting bolts to the specified torque.

TORQUE: 45 N·m (4.6 kgf·m, 33 lbf·ft)

Tighten the right front axle holder pinch bolts [3] to the specified torque.

TORQUE: 27 N·m (2.8 kgf·m, 20 lbf·ft)

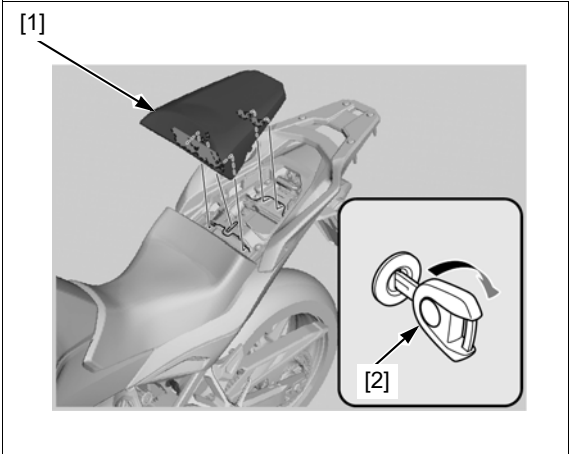
Check the clearance gap of the 0.70 – 1.30 mm (0.028 – 0.051 in) between the front wheel speed sensor bracket and pulser ring.



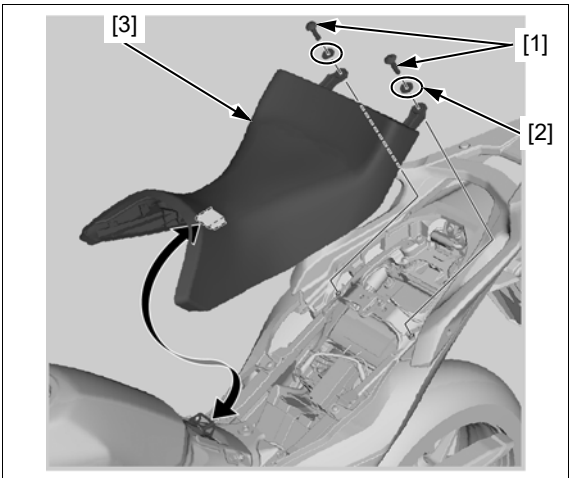
OWNER’S MANUAL INSTALLATION

PARTS	QTY
Owner’s Manual	1
Owner’s manual bag	1

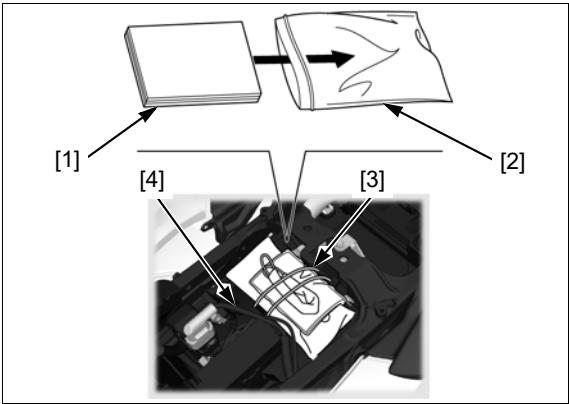
Unhook the pillion seat [1] using the ignition key [2].
Remove the pillion seat.



Remove the bolts [1] and washers [2].
Remove the main seat [3].



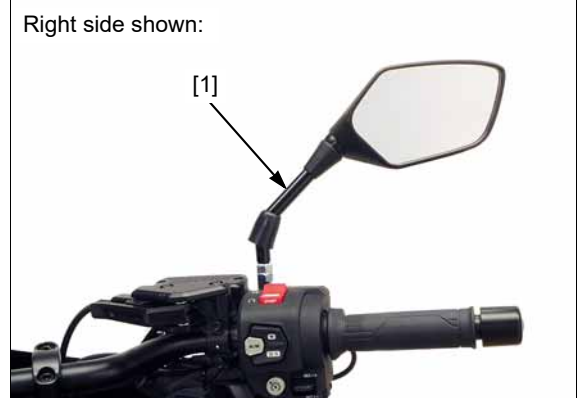
Insert the Owner's Manual [1] into the owner's manual bag [2].
Secure the bag and manual with the retaining band [3] on the rear fender B [4].
Reinstall the main and pillion seats.



MIRROR INSTALLATION

PARTS	QTY
Right rearview mirror	1
Left rearview mirror	1

Install the rearview mirrors [1].

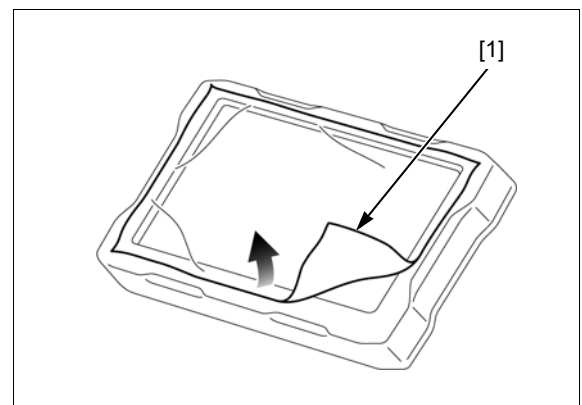


PROTECTION FILM REPLACEMENT

Remove the protection film [1] from the MID.

NOTE:

- Be careful not to damage the touchscreen.

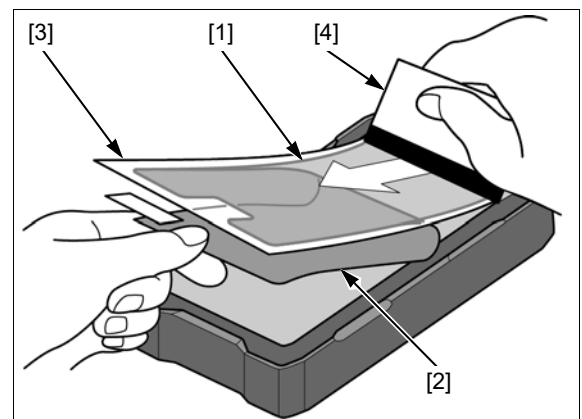


Install the protection film [1] in the following procedure:

1. Wipe off dust and any oil on the MID touch screen with a microfiber cloth.
2. Remove the film A [2] while slowly sticking the protective film as shown.
3. Remove the film B [3].

NOTE:

- Be careful not to let air bubbles or dust get between the touch screen and the protective film.
- Push out air bubbles using a spatula [4].
- Do not reuse the protective film once attached to the entire surface of the touch screen.



PRE-DELIVERY SECTION

- How to adjust the clock manually, refer to the website Owner's Manual for instructions.

BATTERY INSTALLATION

Remove the main seat (page 10).

Make sure that the ignition switch is turned OFF.

Remove the plastic bag from the battery cables.

Remove the protective cap from the positive (+) terminal.

Follow the instructions as below.

NOTE:

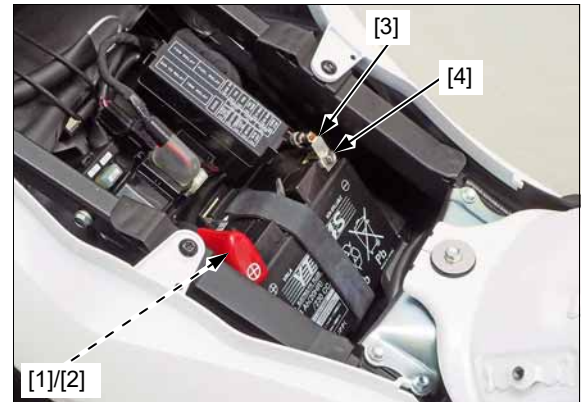
- Charge the battery if the battery voltage is below 12.4 V.
- Be sure to measure terminal voltage about one hour after the battery has been recharged.
- Quick charging should only be done in an emergency; slow charging is preferred.

Set the terminal nuts to the battery.

Connect the battery positive (+) cable [1] to the positive (+) battery terminal using the terminal bolt [2].

Connect the battery negative (–) cable [3] to the negative (–) ground terminal using the terminal bolt [4].

Install the main seat.



BRAKE FLUID

FRONT BRAKE RESERVOIR

Place the motorcycle on its mainstand on a level surface. Turn the handlebar so the front brake fluid reservoir is level and check the brake fluid level through the sight glass [1]. If the fluid level is near the LOWER level line [2], remove the screws [3], cap [4], set plate [5] and diaphragm [6].

Add DOT 4 brake fluid from a sealed container to bring the level up to the upper level.

NOTE:

- Brake fluid can cause irritation; avoid contact with the eyes and skin.
- Handle brake fluid with care as it can cause damage to paint and plastics.
- Check the brake fluid leaks for entire brake system.

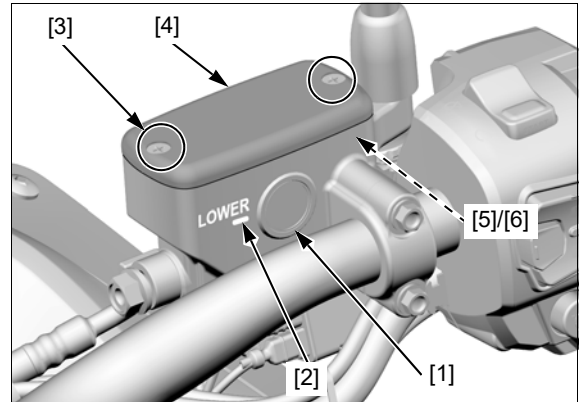
Reinstall the diaphragm, set plate, cap, and screws.

Tighten the screw to the specified torque.

TORQUE: 1.5 N·m (0.15 kgf·m, 1.1 lbf·ft)

Operate the brake lever.

If the freeplay is excessive, refer to the Shop Manual and bleed the system.



REAR BRAKE RESERVOIR

Place the motorcycle on a level surface, and support it in an upright position.

Check the rear brake fluid reservoir level.

If the level is near the lower level line [1], perform the following: Remove the bolt [2] and reservoir from the rear frame.

Remove the screws [3], reservoir cap [4], set plate [5] and diaphragm [6].

Add DOT4 brake fluid from a sealed container to bring the level up to the upper level line [7].

NOTE:

- Brake fluid can cause irritation; avoid contact with the eyes and skin.
- Handle brake fluid with care as it can cause damage to paint and plastics.
- Check the brake fluid leaks for entire brake system.

Install the diaphragm, set plate, reservoir cap, and screws and tighten the screws to the specified torque.

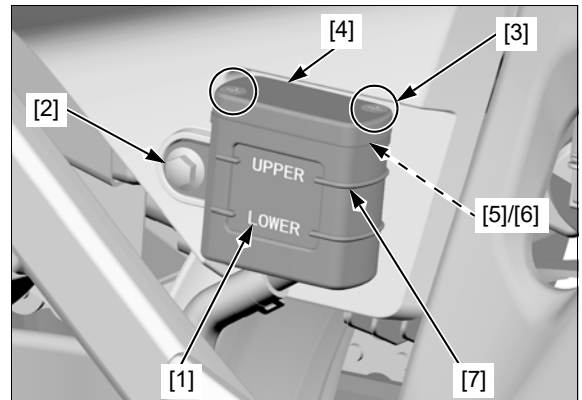
TORQUE: 1.5 N·m (0.15 kgf·m, 1.1 lbf·ft)

Set the reservoir to the rear frame, install the bolt and tighten it to the specified torque.

TORQUE: 10 N·m (1.0 kgf·m, 7 lbf·ft)

Operate the brake pedal.

If the freeplay is excessive, refer to the Shop Manual and bleed the system.

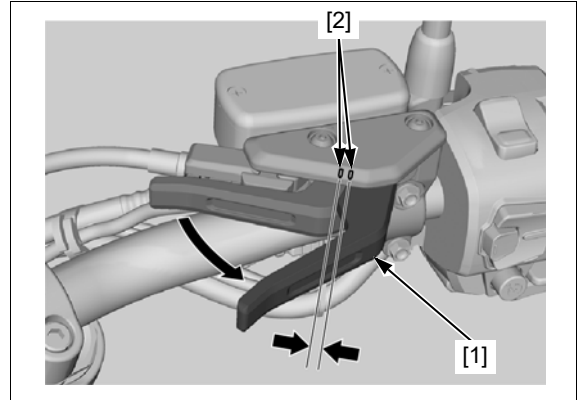


PARKING BRAKE (DCT model)

Place the motorcycle on its mainstand on a level surface.

Turn the rear wheel by hand and slowly pull the parking brake lever.

It is normal that the parking brake starts to work when the end of lever [1] is between the marks [2] on the cap.

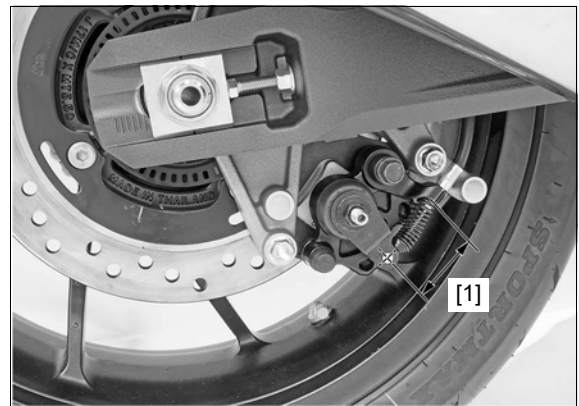


If it does not operate properly, unlock the parking brake by returning its lever inside fully and measure the length between the brake arm and cable stay.

STANDARD [1]: 35 – 55 mm (1.4 – 2.2 in)

If the measurement is within standard, adjust the adjuster bolt/piston protrusion at the parking brake caliper (page 14).

If the measurement is out of standard, adjust the cable length at the cable adjuster (page 15).



PARKING BRAKE CALIPER SIDE

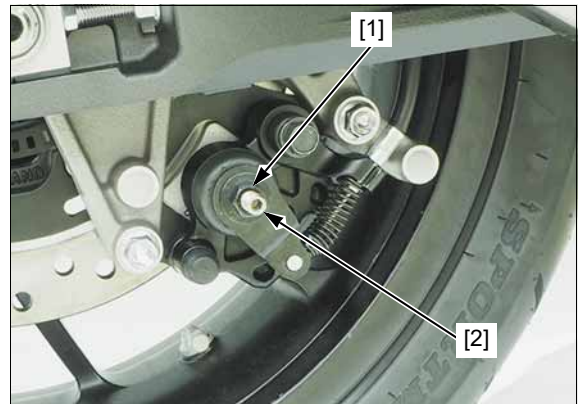
Unlock the parking brake by returning its lever inside fully.

Loosen the lock nut [1].

Adjust the adjuster bolt/piston [2] so that the parking brake starts to work when the end of lever is between the marks on the cap.

Hold the adjuster bolt/piston and tighten the lock nut to the specified torque.

TORQUE: 17.2 N·m (1.8 kgf·m, 13 lbf·ft)



CABLE ADJUSTER SIDE

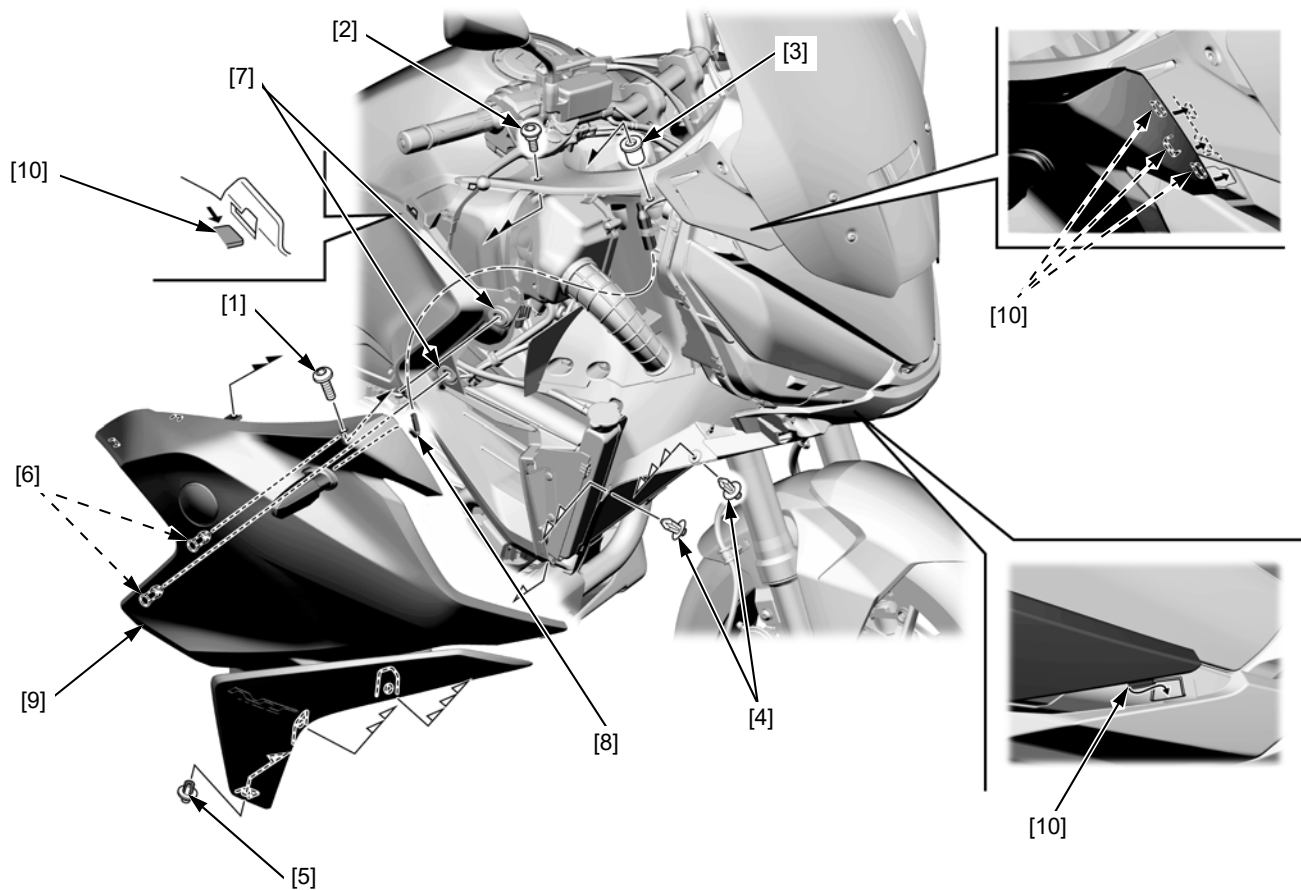
Remove the following:

- Middle cowl socket bolt A [1]
- Middle cowl socket bolt B [2]
- Well nut [3]
- Trim clips A [4]
- Trim clip B [5]

Release the bosses [6] from the grommets [7].

Disconnect the front turn signal light 2P connector [8].

Remove the right middle cowl [9] by releasing the tabs [10] from the side cover and front lower cowl.



Remove the main seat (page 10).

Remove the trim clips [1], socket bolt A [2] and socket bolts B [3].

Remove the bosses [4] from the grommets [5].

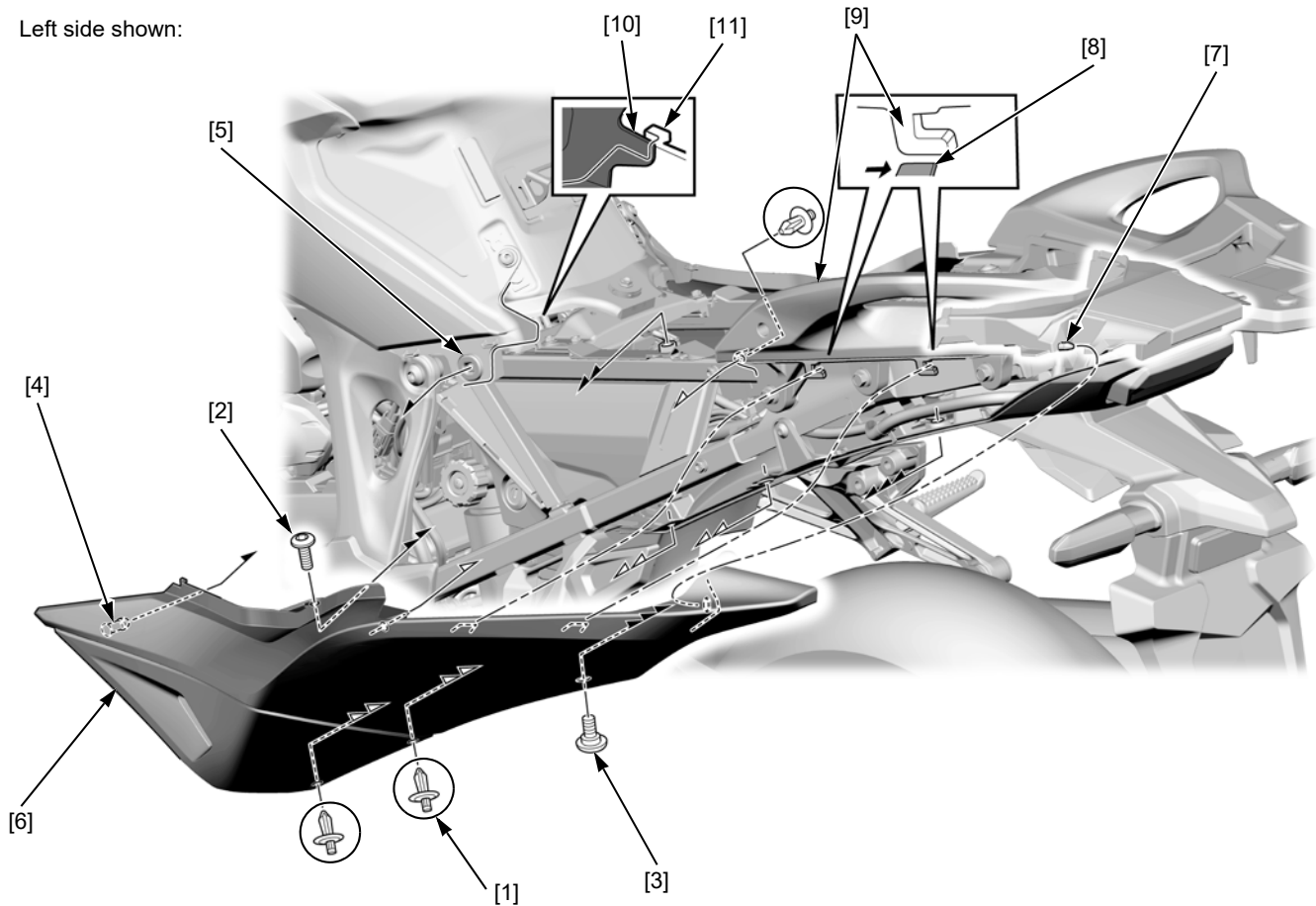
Release the right rear side cowl [6] from the rear center cowl boss [7].

Remove the right rear side cowl by releasing its tabs [8] with sliding backward from the rear carrier [9].

NOTE:

- Align the side cover tab [10] with the rear side cowl slot [11] correctly when installing.

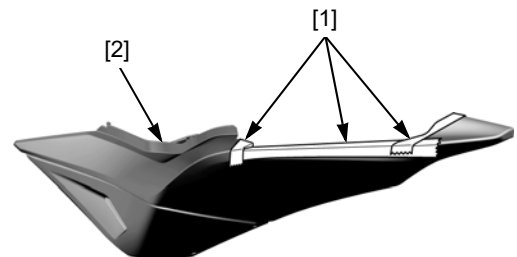
Left side shown:



NOTE:

- Apply the masking tape [1] around the top of the right rear side cowl [2] to prevent any damage when removal/installation.

Left side shown:



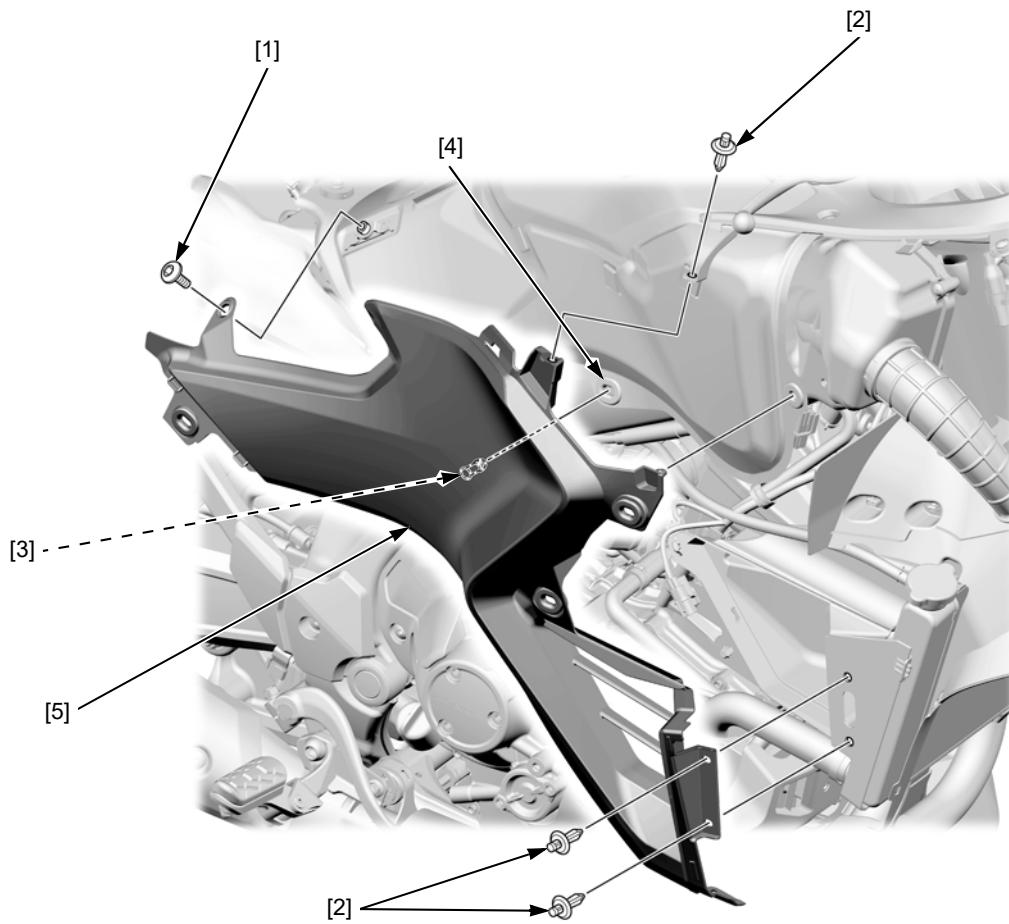
2022 NT1100A/D

Remove the following:

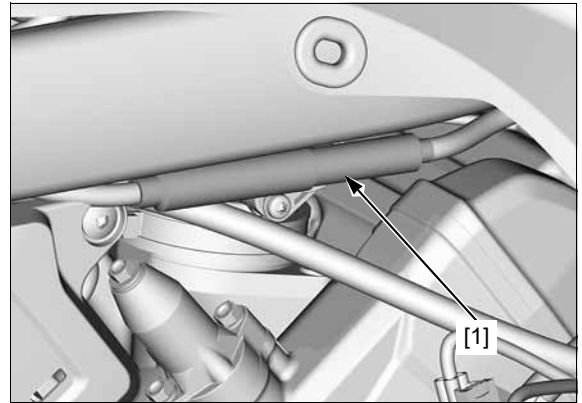
- Socket bolt [1]
- Trim clips [2]

Release the bosses [3] from the grommets [4].

Remove the right side cover [5].



Unlock the parking brake by returning its lever inside fully.
Slide the boot [1].



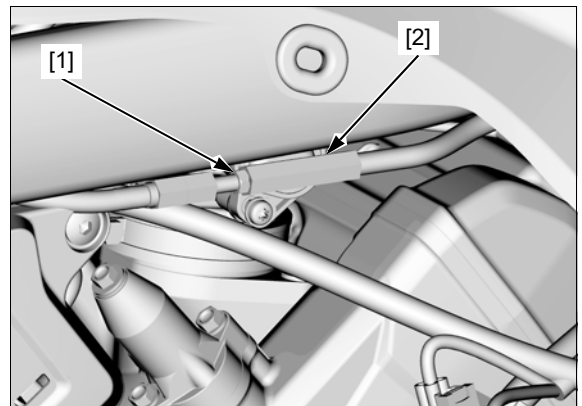
Loosen the lock nut [1] and turn the adjusting nut [2] so that the length between the brake arm and cable stay is standard.

STANDARD [3]: 42 mm (1.7 in)

Tighten the lock nut securely.

Install the removed parts in the reverse order of removal.

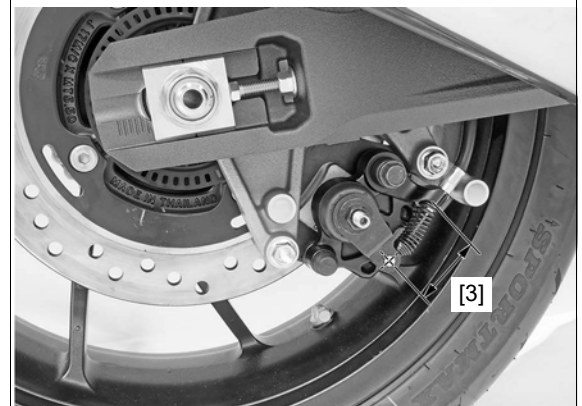
Adjust the adjuster bolt/piston protrusion at caliper side (page 14).



TORQUE:

Middle cowl socket bolt A:

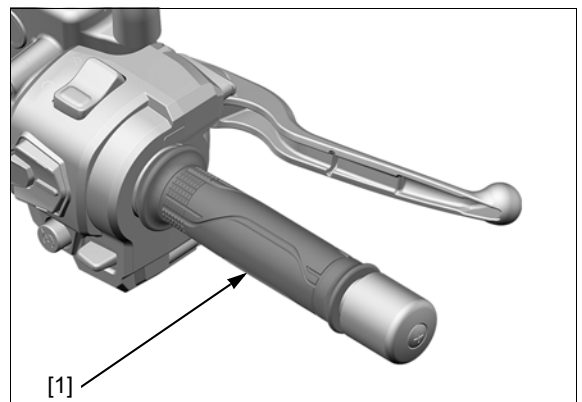
0.54 N·m (0.06 kgf·m, 0.4 lbf·ft)



THROTTLE OPERATION

Check for smooth operation of the throttle grip [1] and that it returns automatically to the fully closed position from any open position and from any steering position.

Refer to the Shop Manual and clean and apply grease the throttle pipe-to-APS contacting area if throttle operation is not smooth.



DRIVE CHAIN SLACK INSPECTION

Turn the ignition switch OFF, support the motorcycle on its mainstand, and shift the transmission into neutral.

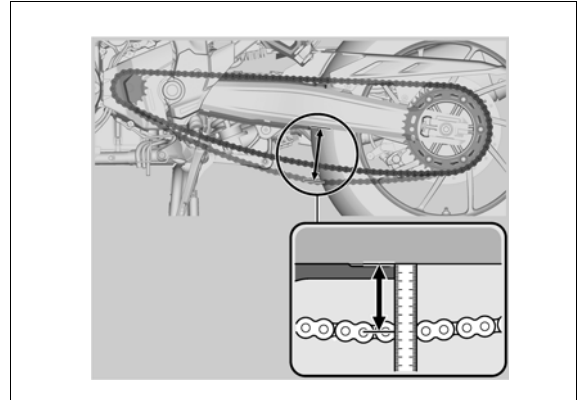
Measure the drive chain slack at the position in the figure.

NOTE:

- While pulling up the drive chain, measure the distance from the top surface of the swingarm to the drive chain.

DRIVE CHAIN SLACK:

70 – 75 mm (2.8 – 3.0 in)



RADIATOR COOLANT

Check the coolant level of the reserve tank with the engine running at normal operating temperature.

The level should be between the "UPPER" [1] and "LOWER" [2] level line.

If necessary, add the recommended coolant.

When add the coolant, refer to the Shop Manual.

RECOMMENDED ANTIFREEZE:

(Except TH type):

High quality ethylene glycol antifreeze
containing silicatefree corrosion inhibitors

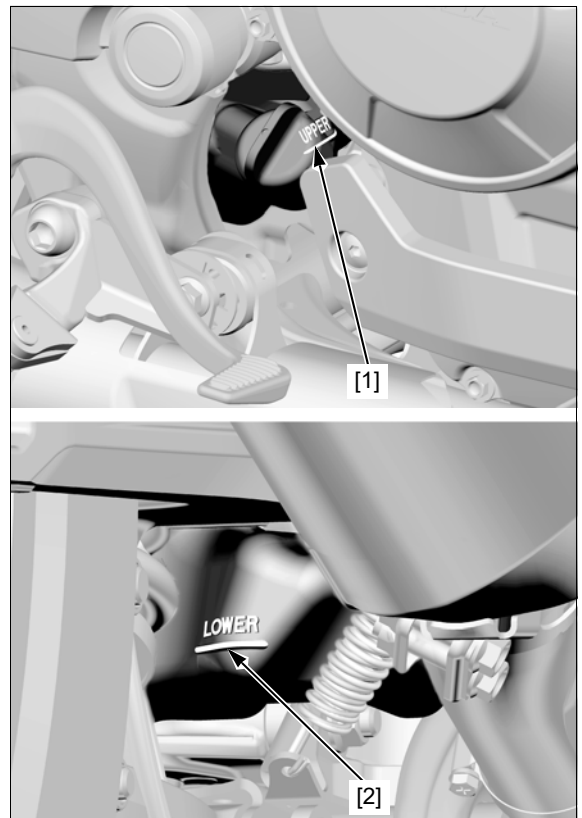
TH type:

Honda PRE-MIX coolant

RECOMMENDED MIXTURE (Except TH type):

1:1 (mixture with distilled water)

Check to see if there are any coolant leaks if the coolant level decreases very rapidly.



ENGINE OIL

Before starting the engine, remove the antirust coating from the engine and exhaust system using a mild detergent and water. Rinse with clean water.

Place the motorcycle on its mainstand.

Remove the dipstick [1].

Make sure that the engine has oil.

Install the dipstick.

Start the engine and let it idle for 3 – 5 minutes.

Stop the engine and wait for 2 – 3 minutes.

Hold the motorcycle in an upright position.

Remove the dipstick and wipe the oil from the dipstick with a clean cloth.

Insert the dipstick until it seats, but do not screw it in.

Check that the oil level is between the upper [2] and lower [3] level lines on the dipstick.

If the level is below the lower level line, remove the oil filler cap [4] and fill the crankcase with the recommended oil up to the upper level line.

When replacing the engine oil, refer to the Shop Manual.

RECOMMENDED ENGINE OIL:

Honda "4-stroke motorcycle oil" or an equivalent motor oil.

API service classification: SJ or higher

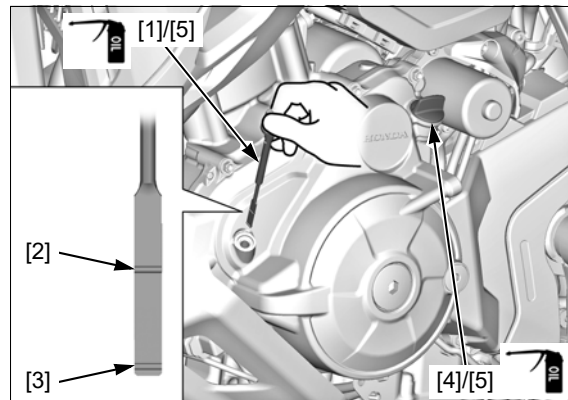
JASO T903 standard: MA

Viscosity: SAE 10W-30

Check that the O-rings [5] of the oil filler cap and dipstick are in good condition, replace them if necessary.

Apply engine oil to the O-rings.

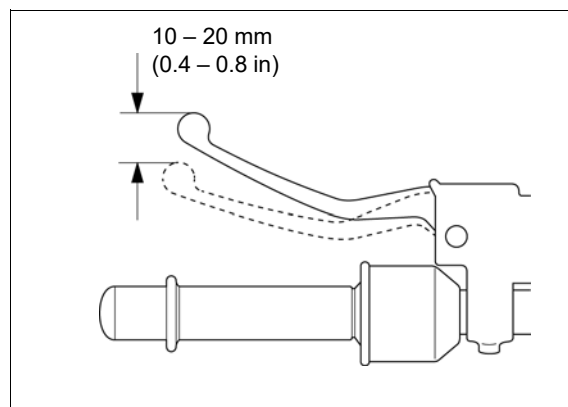
Install the oil filler caps/dipstick.



CLUTCH LEVER (MT model)

Measure the clutch lever freeplay at the end of the clutch lever.

FREEPLAY: 10 – 20 mm (0.4 – 0.8 in)



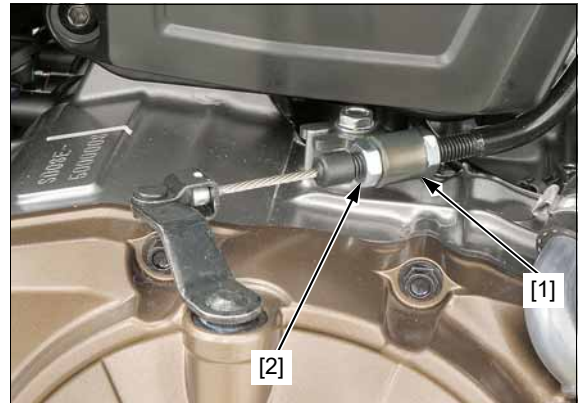
2022 NT1100A/D

Major adjustment is made with the lower adjusting nut [1] at the clutch lifter arm.

Loosen the lock nut [2] and turn the adjusting nut to adjust the freeplay.

Tighten the lock nut while holding the adjusting nut.

If proper freeplay cannot be obtained, or the clutch slips during test ride, refer to the Shop Manual and inspect the clutch system.

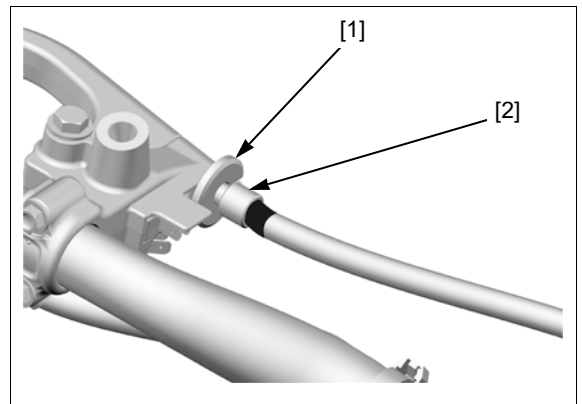


Minor adjustment is made with the upper adjuster at the clutch lever. Loosen the lock nut [1] and turn the adjuster [2].

If the adjuster is threaded out near its limit, turn the adjuster all the way in and back out one turn.

Tighten the lock nut while holding the adjuster.

Recheck the clutch lever freeplay.



TIRE PRESSURE

Front

250 kPa (2.5 kgf/cm², 36 psi)

Rear

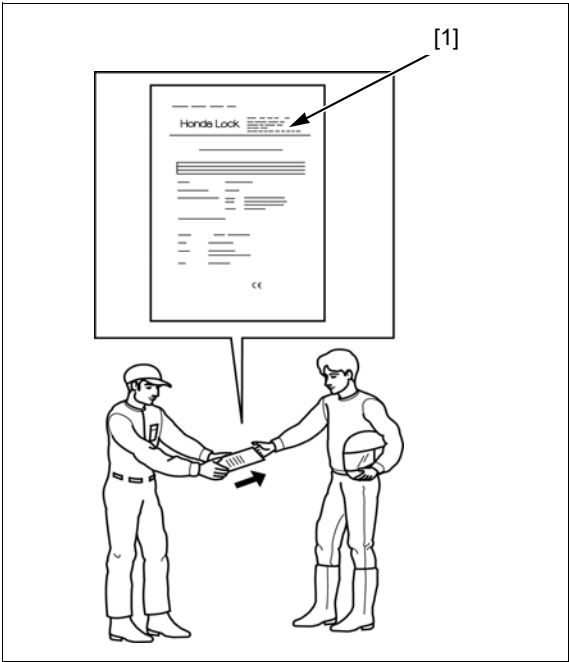
290 kPa (3.0 kgf/cm², 42 psi)

DECLARATION CONFORMITY (ED type)

Hand the following to the customer.

ED type:

PARTS	QTY
Declaration	1
MID declaration	1



PRE-DELIVERY SERVICE CHECKLIST

NOTE:

Check all items listed on the following Pre-Delivery Service Checklist. Refer to Owner's Manual or Shop Manual for specifications and detailed procedures.

Always test ride the unit to make sure that it is functioning properly.

- ☐ Check for front and rear brake operation.
- ☐ Fill front and rear brakes reservoirs with DOT4 brake fluid, and bleed brake if necessary.
- ☐ Check the engine oil level and fill crankcase with recommended engine oil if necessary. When exchanging engine oil, refer to the Shop Manual.
- ☐ Check coolant level and cooling system for leaks. When exchanging coolant, refer to the Shop Manual.
- ☐ Check for MID protective film attached.
- ☐ Check for clutch operation (MT model).
- ☐ Check tire pressure.
- ☐ Inspect all electrical components for proper operation and adjustment.
- ☐ Check and tighten all nuts, bolts and other fasteners.
- ☐ Check to ensure that all applicable recall and product update campaigns are complied with as of this date.
- ☐ **TEST RIDE:** Check performance, handling and operation.
Transmission and clutch: Ease of shifting, clutch operation, etc.
Acceleration: Smoothness, etc.
Cruising: Smoothness, etc.
Handling: Stability and cornering.
Brakes: Smoothness and stopping power.
Idling: Smoothness, throttle response, return to idle.
Speedometer and Tachometer: Proper operation.
Upon completion of test ride, check for fuel, oil or coolant leaks; check fan operation.