

 **HONDA**

OWNER'S MANUAL

READ THIS MANUAL CAREFULLY.
IT CONTAINS IMPORTANT SAFETY INFORMATION.



MINIMUM RECOMMENDED OPERATOR AGE: 16

TRX700XX

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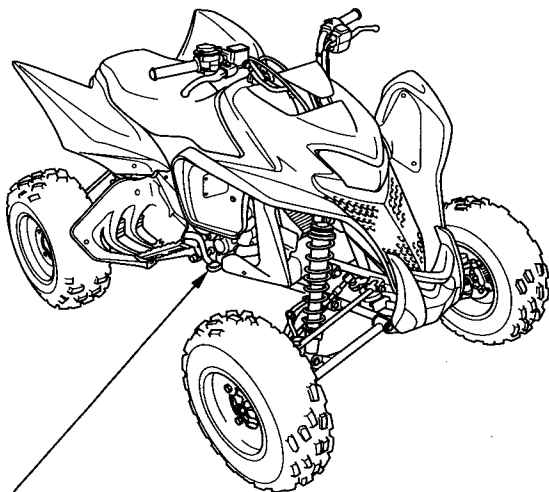
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ATV Safety

This section presents some of the most important information and recommendations to help you ride your ATV safely. Please take a few moments to read these pages. This section also includes information about the location of safety labels on your ATV.

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Operation Component Locations



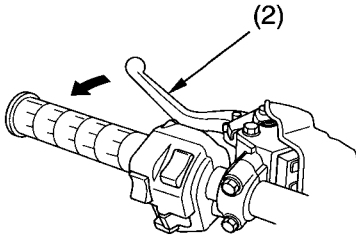
rear brake pedal

Controls & Features

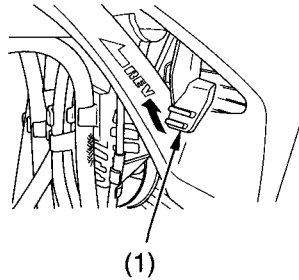
Reverse Assist Lever

The reverse assist lever (1), located on the right side under the fuel tank, is used to shift into reverse. To operate, pull in the clutch lever/parking brake lever (2) with your ATV stopped. Leaving your left hand on the clutch lever/parking brake lever while pressing down on the rear brake pedal with your right foot, remove your right hand from throttle and place it on the reverse assist lever. Pull and hold the reverse assist lever, depress the shift lever (3) to reach the reverse gear (below 1st gear). See *Riding in Reverse* page 55.

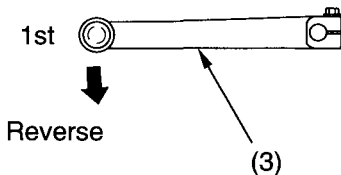
LEFT HANDLEBAR



RIGHT SIDE



LEFT SIDE



- (1) reverse assist lever
- (2) clutch lever/parking brake lever

- (3) shift lever

Is Your ATV Ready to Ride?

Before each ride, it's important to inspect your ATV and make sure 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.

If your ATV has overturned or been involved in a collision, do not ride the vehicle until it has been inspected by your Honda dealer. There may be damage or other problems you cannot see.

⚠ WARNING

Improperly maintaining this ATV or failing to correct a problem before riding can cause a crash in which you can be seriously hurt or killed.

Always perform a pre-ride inspection before every ride and correct any problems.

Pre-ride Inspection

Check the following items before you get on the ATV:

Engine Oil

Check the level and add oil if needed
(page 95).
Check for leaks.

Radiator Coolant

Check the coolant level and add coolant if
needed (page 103).
Check for leaks.

(cont'd)

Basic Operation & Riding

This section gives basic riding instructions, including how to start and stop your engine, how to use the throttle and brakes, and what to do when you're through riding.

To protect your new engine and enjoy optimum performance and service life, refer to Break-in Guidelines (page 198).

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(cont'd)

Starting & Stopping the Engine

Flooded Engine

If the engine fails to start after repeated attempts, it may be flooded with excess fuel. To clear a flooded engine:

1. Leave the engine stop switch set to RUN (\odot).
2. Open the throttle fully.
3. Press the start button for 5 seconds.
4. Follow the normal starting procedure.
5. If the engine starts, then open the throttle slightly if idling is unstable.
If the engine does not start, wait 10 seconds, then follow steps 1 – 4 again.

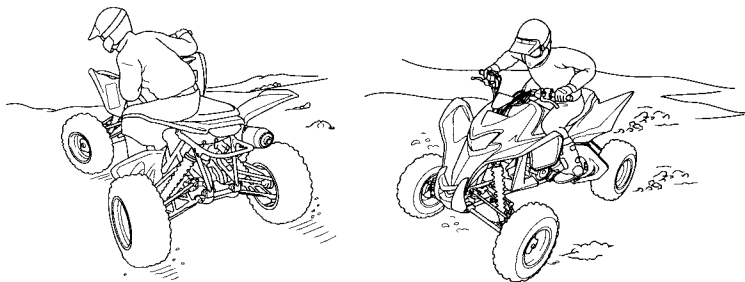
If the engine still won't start, refer to *If Your Engine Quits or Won't Start*, page 174 .

Bank Angle Sensor Ignition Cut-off System

Your vehicle's banking (lean angle) sensor system is designed to automatically stop the engine if the vehicle is overturned.

Before restarting the engine, you must turn the ignition switch to the OFF (\odot) position and then back to ON ($|$). The engine will not restart until you perform this procedure.

Riding Your ATV



Lean your body to the inside of a turn and forward.

To make a turn on level ground: Steer the handlebar and lean your body toward the inside of the turn. Leaning helps balance the vehicle, and it feels more comfortable. Leaning into a turn is an important technique to master in riding an ATV.

To make a sharp turn at low speed: It helps to shift your body slightly forward on the seat, and lean inside, as you steer the handlebar. Shifting weight forward allows the rear wheels to turn easier, and it also improves front-wheel steering.

To make a turn from a full stop: Apply the throttle gradually when you turn and start up at the same time. Remember to shift your body forward to make sharp low-speed turns and whenever you turn while accelerating from a full stop.

Riding Your ATV

Riding Through Water

Your ATV is designed to travel through water up to approximately 254 mm (10 inches) deep. Before crossing a stream, make sure the water is not too deep or flowing too fast.

⚠ WARNING

The ATV tyres have some ability to float. Operating this ATV through deep or fast-flowing water may cause a loss of traction and loss of control, which could lead to an accident.

Never operate this ATV in fast-flowing water or in water deeper than that specified in this owner's manual.

1. Choose a path where both banks have gradual slopes.
2. Proceed through the water at a slow, steady speed.
3. Watch out for submerged obstacles and slippery rocks.
4. Avoid getting the spark plug or air cleaner wet, as this would cause the engine to stop.
5. After leaving the water, always test both the front and rear brakes.
 - Riding through water can make the brakes less effective than normal, and may reduce stopping ability.
 - If necessary, apply the brakes repeatedly until they dry out and operate normally.

Maintenance Schedule

ITEMS	FREQUENCY	WHICHEVER COMES FIRST		INITIAL MAINT.	REGULAR MAINT. INTERVAL		Refer to page
		⇨	km	150	1000	2000	
			mi	100	600	1200	
		NOTE	HOURS	20	100	200	
DRIVETRAIN BOOTS							142
DRIVE CHAIN	NOTE 1,2		I,L	(I,LEVERY 500 km (300 mi) or 50 operating hours)			143
DRIVE CHAIN SLIDER				I	I		145
* BRAKE FLUID	NOTE 3			I	I		125
* BRAKE PADS WEAR	NOTE 1,2				I		129
* BRAKELIGHT SWITCH				I	I		131
BRAKE SYSTEM				I	I		125
GUARDS					I		140
SCRAPER	NOTE 2				I		141
* CLUTCH SYSTEM				I	I		115
* SUSPENSION					I		—
* SPARK ARRESTER					C	C	123
* NUTS, BOLTS, FASTENERS				I		I	—
** WHEELS/TYRES				I	I	I	—
** TIE-ROD AND JOINT BOOTS				I	I	I	—
** STEERING SHAFT HOLDER BEARINGS						I	—
** STEERING SYSTEM						I	—

* Should be serviced by your Honda dealer, unless you have the proper tools and service data, and are mechanically qualified. Refer to the official Honda Shop Manual.

** In the interest of safety, we recommend these items be serviced only by your Honda dealer.

1. To open the fuel fill cap (1), turn it counterclockwise.
2. Pull the breather tube (2) out of the handlebar cover hole (3).
3. Add fuel until the level reaches the bottom of the filler neck (4).

Avoid over filling the tank. There should be no fuel in 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.

4. After refueling, reinstall the fuel fill cap, turning it clockwise.
5. Insert the breather tube into the handlebar cover hole.
6. If the fuel valve was set to RES, turn the fuel valve ON.

If you replace the fuel fill cap, use only a Honda Genuine replacement part.

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Engine Oil & Filter

4. Reinstall the oil filter cover, making sure the bolts are tightened to the specified torque:
12 N·m (1.2 kgf·m , 9 lbf·ft)
5. Pour the drained oil into a suitable container and dispose of it in an approved manner (page 170).

NOTICE

Improper disposal of drained fluids is harmful to the environment.

Add Engine Oil:

1. After the oil has drained, make sure the sealing washers on the drain bolts are in good condition. If necessary, replace the sealing washers.
2. Reinstall the drain bolts and tighten to the specified torque:
Engine oil drain bolt (oil tank):
20 N·m (2.0 kgf·m , 15 lbf·ft)
Engine oil drain bolt (crankcase):
24 N·m (2.4 kgf·m , 18 lbf·ft)
3. Fill the oil tank with the recommended grade oil approximately:
1.8 ℓ (1.9 US qt , 1.6 Imp qt)
4. Reinstall the oil filler cap/dipstick.
5. Start the engine and let it idle for 3 – 5 minutes.
6. Stop the engine, wait 2 – 3 minutes and check the oil level. Make sure the oil is between the upper and lower level marks on the oil filler cap/dipstick. If necessary, add more oil but do not overfill.
7. Reinstall the oil filler cap/dipstick.
8. Check for oil leaks.

If a torque wrench is not used for installation, see your Honda dealer as soon as possible to verify proper assembly.

Air Cleaner

12. Install the air cleaner on the air cleaner body.
13. Apply a thin coat of grease to the sealing surface of the air cleaner assembly.
14. Install the clamp.
15. Insert the air cleaner assembly into the air cleaner housing.
16. Fasten the screw B.
17. Install the stay and fasten the screw A.
18. Install the air cleaner housing cover and latch the retainer clips.
19. Install the seat.

Spark Plug

7. With the plug washer attached, thread the spark plug in by hand to prevent cross-threading.
8. Tighten the spark plug:
 - If the old plug is good:
 - 1/8 turn after it seats.
 - If installing a new plug, tighten it twice to prevent loosening:
 - a) First, tighten the plug:
 - NGK: 3/4 turn after it seats.
 - DENSO: 1/2 turn after it seats.
 - b) Then loosen the plug.
 - c) Next, tighten the plug again:
 - 1/8 turn after it seats.

NOTICE

An improperly tightened spark plug can damage the engine. If a plug is too loose, a piston may be damaged. If a plug is too tight, the threads may be damaged.

9. Reinstall the spark plug cap. Take care to avoid pinching any cables or wires.

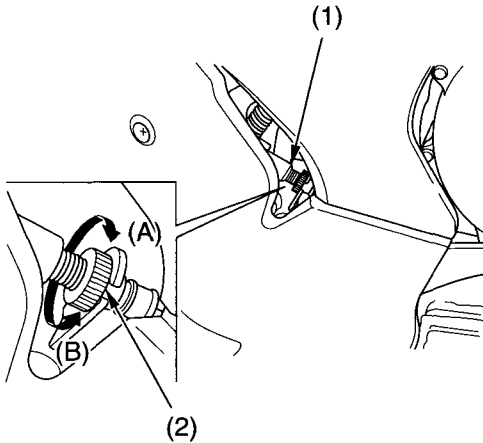
Brakelight Switch Adjustment

Refer to *Safety Precautions* on page 77 .

Rear Brake Only:

Check the operation of the rear brakelight switch (1) at the right side behind the engine from time to time. The brakelight should turn on at 15 mm (0.6 in) of pedal stroke. Adjustment is done by turning the adjusting nut (2). Turn the nut in direction (A) if the switch operates too late and in direction (B) if the switch operates too soon.

RIGHT SIDE



(1) brakelight switch

(2) adjusting nut

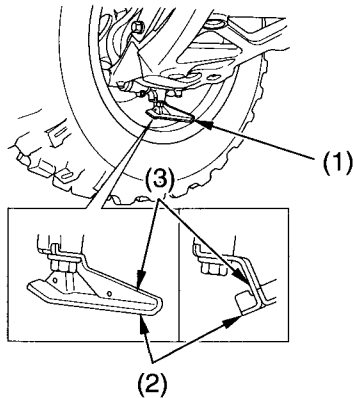
Scraper

Refer to *Safety Precautions* on page 77 .

The knuckle scraper protects the rear lower arm and rear knuckle, and also scrapes mud from inside of the rear wheel rims.

The knuckle scraper wear will depend upon the severity of usage and riding conditions. The knuckle scraper will wear faster in wet or muddy conditions.

RIGHT REAR
(Left side similar)



(1) knuckle scraper
(2) wear limit point

(3) vertical wall surface

Inspection

Check the knuckle scraper (1) for cracks, damage, worn or looseness at intervals specified in the Maintenance Schedule.

If the knuckle scraper is cracked or damaged, or if the wear limit point (2) reaches to the vertical wall surface (3), the knuckle scraper must be replaced, see your Honda dealer for this service.

Always inspect each scraper on both rear wheels.

Battery

Battery Storage

Refer to *Safety Precautions* on page 77.

If you plan to store your ATV, we recommend you remove the battery and store it where it can be charged at least every 30 days to maintain its service life.

If you do not remove the battery, we recommend disconnecting the battery cables (negative cable first).

You will get the best storage results from removing the battery and slow (trickle) charging it every 30 days (see *Battery Charging*, page 154).

Before you remove the battery, be sure to read all the information that follows, as well as the information on the battery label.

▲ 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 maintenance.

Here's helpful advice on how to prepare for an off-road adventure, how to transport and store your Honda, and how to be an environmentally responsible ATV owner.

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Taking Care of the Unexpected

With all the challenges you can encounter off-road, there's a chance that sometime something may go wrong. This section gives practical advice to help you deal with a wide range of problems. Take time to read this section before you ride. Also review the tips in *Preparing for a Ride* (page 162).

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If the High Coolant Temperature Indicator Lights

- If the reserve tank is low or empty, don't ride without adding coolant (page 103). After adding coolant, turn the engine on and check the high coolant temperature indicator.

If the indicator doesn't turn off, do not ride. The engine needs repair.

Transport your ATV to a Honda dealer (page 164).

If the temperature drops to normal, check the coolant level. If it has gone down, add more coolant.

- Check for an oil leak.
- Check the oil level. If necessary, add the recommended oil (page 95) to the upper level mark. If you must leave your ATV to get oil, secure it as much as possible.
- Start the engine, and check that the high coolant temperature indicator goes off.

If you are able to resume riding, continue to monitor the high coolant temperature indicator frequently.

If there is an oil leak — do not ride the ATV until the leak is repaired by Honda dealer.

If there's a mild coolant leak, you can ride for awhile, carefully watching the indicator. Be prepared to stop and add more coolant or water. If the leak is bad, transport your ATV to a Honda dealer (page 164).

Technical Information

This section contains dimensions, capacities, and other technical data, plus information on government requirements and how to break-in your ATV.

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