



OWNER'S MANUAL

READ THIS MANUAL CAREFULLY,
IT CONTAINS IMPORTANT SAFETY INFORMATION.



MINIMUM RECOMMENDED OPERATOR AGE: 16

**TRX250TE
FOURTRAX**

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Important Safety Information

Your ATV can provide many years of service and pleasure—if you take responsibility for your own safety and understand the challenges you can meet while riding.

There is much that you can do to protect yourself when you ride. You'll find many helpful recommendations throughout this manual. The following are a few that we consider most important.

Follow the Age Recommendation

The minimum recommended age for this ATV model is 16. Children under age 16 should never operate this vehicle.

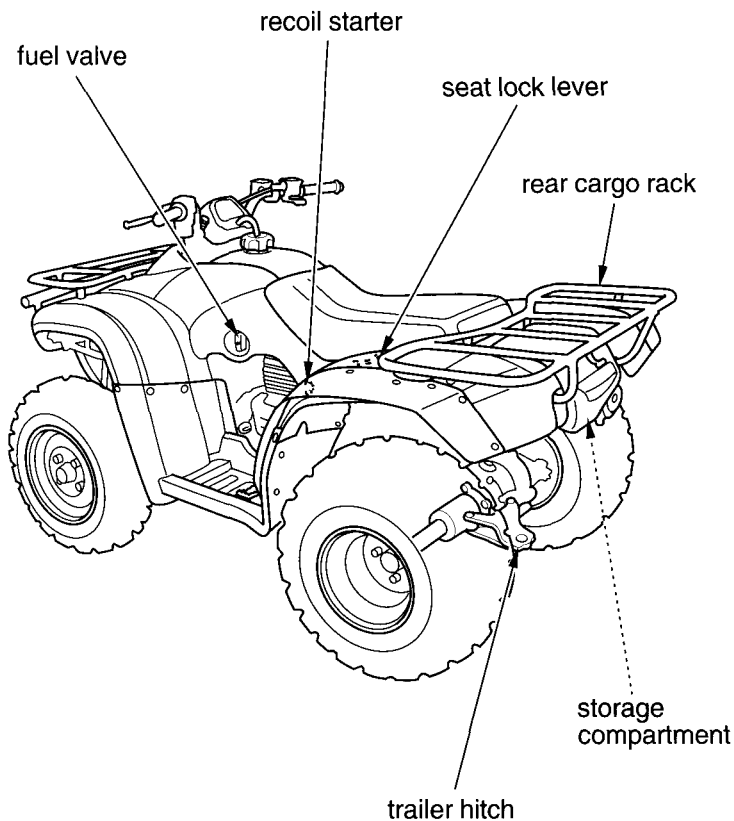
Always Wear a Helmet

It's a proven fact: helmets significantly reduce the number and severity of head injuries. So always wear an approved motorcycle helmet. We also recommend that you wear eye protection, sturdy boots, gloves, and other protective gear (page 36).

Never Carry a Passenger

Your ATV is designed for one person only. There are no handholds, footrests, or seat for a second person—so never carry a passenger. A passenger could interfere with your ability to move around to maintain your balance and control of the ATV.

Operation Component Locations

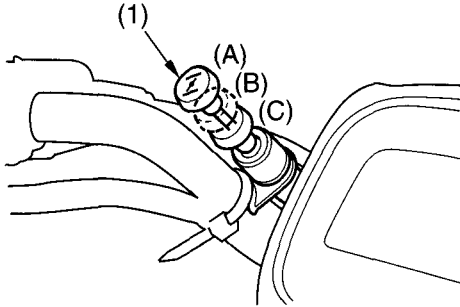


Controls & Features

Choke Knob

N

LEFT HANDLEBAR



(1) choke knob

(A) fully ON

(B) halfway position

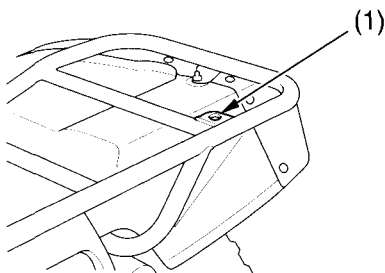
(C) fully OFF

The choke knob (1) may be used when starting the engine. See page 56 .

Controls & Features

Flag Pole Bracket

RIGHT REAR



(1) flag pole bracket

Flag poles are optional equipment available from your Honda dealer. To mount a pole in the bracket (1), follow the instructions that come with the flag pole kit.

Flag poles are required in some riding areas. Check local regulations before riding.

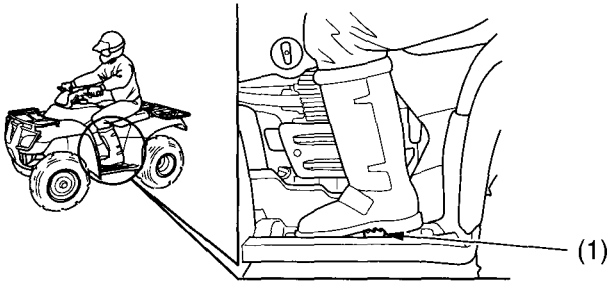
Is Your ATV Ready to Ride?

Check these items after you get on the ATV:

- Throttle* Check the freeplay and adjust if needed. Press the throttle to make sure it moves smoothly without sticking, and snaps shut automatically when it is released, in all steering positions (page 116).
- Brakes* Squeeze the front and rear brake levers and step on the rear brake pedal to check that the controls operate normally. Check for proper freeplay (pages 131, 135, 137). Make sure there is no brake fluid leakage.
- Reverse Assist Lever* Check the freeplay and adjust if needed (page 120). Make sure the lever operates smoothly without sticking.
- Headlight and Headlight Dimmer Switch* Check for proper function (page 26).
- Engine Stop Switch* Check for proper function (page 25).
- Steering* Check that the wheels turn properly as you steer the handlebar. Move the handlebar right and left and check that there is no excessive backlash.

Remember, be sure to take care of any problem you find, or have your Honda dealer correct it before you ride.

Safe Riding Precautions



(1) footpeg

Control Speed

Riding at excessive speed increases the chance of an accident. In choosing a proper speed, you need to consider the capability of your vehicle, the terrain, visibility and other operating conditions, plus your own skills and experience.

⚠ WARNING

Operating this ATV at excessive speeds increases your chances of losing control of the ATV, which can result in an accident.

Always go at a speed that is proper for your vehicle, the terrain, visibility and other operating conditions, and your experience.

Shifting Gears

3. Release the rear brake lever/parking brake lever and increase engine speed by gradually opening the throttle.
4. When speed increases, release the throttle and shift to 2nd gear by pressing the upshift switch once.
5. Repeat this sequence to progressively upshift to 3rd, 4th and 5th (top) gear.
6. To downshift, press the downshift switch once. Remember to close the throttle each time you shift to the next lower gear.

The transmission cannot be upshifted from neutral to first gear when the engine speed is above 3,000 rpm or the ground speed is above 3 km/h (2 mph).

The transmission cannot be downshifted from 1st gear to neutral when the ground speed is above 3 km/h (2 mph).

If the electric shift system malfunctions, the transmission cannot be shifted by pressing the gearshift switches. See your Honda dealer. (In an emergency, a gear may be selected manually so you may move the vehicle. See *Emergency Gear Selection & Operation*, page 177).

Learning when to shift gears comes with experience. Keep the following tips in mind:

- As a general rule, shift while moving in a straight line.
- Close the throttle completely before shifting. Improper shifting may damage the engine, transmission, and drive train.
- Upshift to a higher gear or reduce throttle before engine rpm (speed) gets too high. Learn the relationship between engine sound and the normal shifting points.

(cont'd)

Riding Your ATV



Shift weight forward when climbing hills.

- Always check the terrain carefully before you start up any hill.
- Never climb hills with excessively slippery or loose surfaces.
- To climb a hill, take a running start in an appropriate gear and speed for the conditions. Maintain a steady speed as you ascend the hill.
- Never open the throttle suddenly or make sudden gear changes. The ATV could flip over backward.
- Never go over the top of any hill at high speed. An obstacle, a sharp drop, or another vehicle or person could be on the other side of the hill.

Servicing Your Honda

Service Procedures

Fluids & Filters

Fuel	99
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Air Cleaner	111

Engine

Throttle	116
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Clutch System	119
Reverse Lock System	120
Engine Idle Speed and Air-Fuel Mixture	121
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Chassis

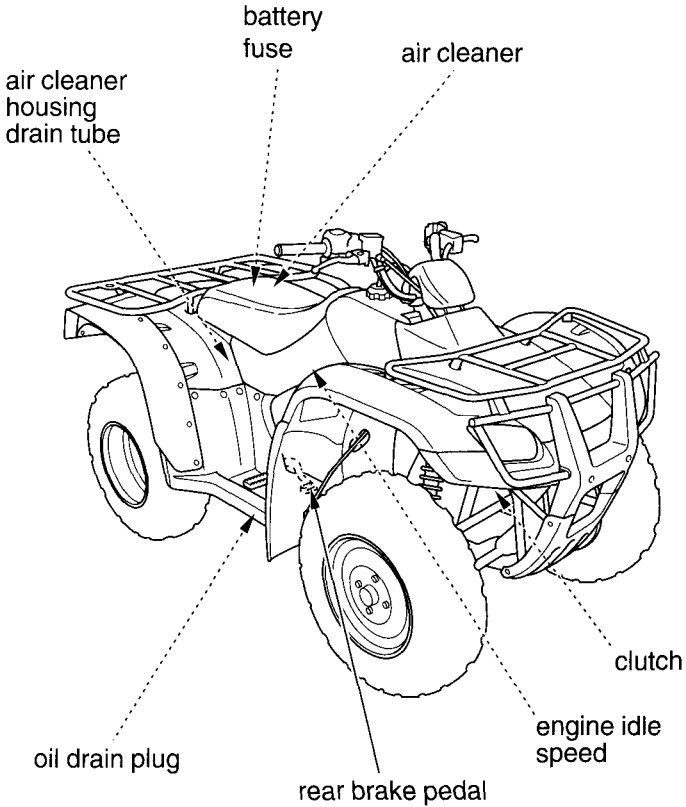
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Maintenance Component Locations



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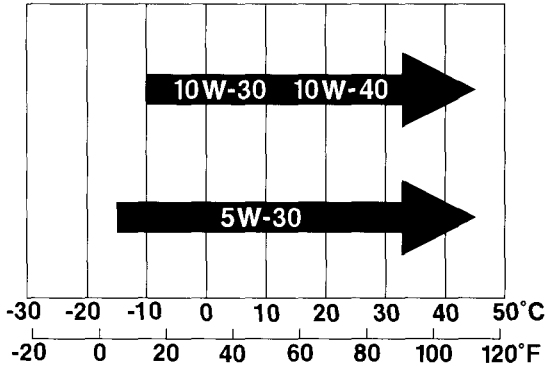


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Engine Oil

Other viscosities shown in the following chart may be used when the average temperature in your riding area is within the indicated range.

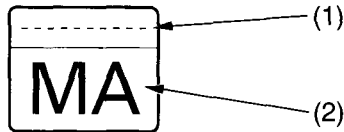


JASO T 903 standard

The JASO T 903 standard is an index for engine oils for 4-stroke motorcycle engines.

There are two classes: MA and MB.

Oil conforming to the standard is labeled on the oil container. For example, the following label shows the MA classification.



PRODUCT MEETING JASO T 903
COMPANY GUARANTEEING THIS MA PERFORMANCE:

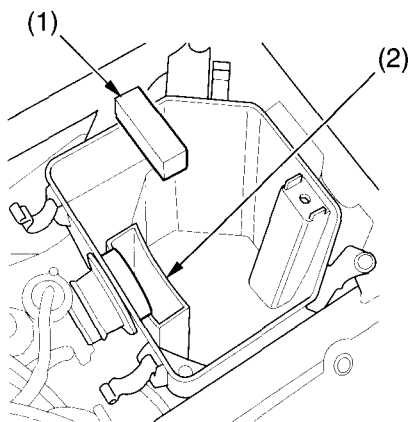
- (1) code number of the sales company of the oil
- (2) oil classification

Air Cleaner

11. Install the air cleaner on the air cleaner body.
12. Apply a thin coat of grease to the sealing surface of the air cleaner assembly.
13. Install the clamp.
14. Insert the air cleaner assembly into the air cleaner housing.
15. Fasten the screws.

Dust Cover

UNDER SEAT



(1) dust cover

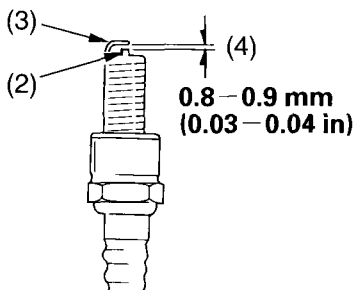
(2) air cleaner housing

Do not push the dust cover (1) too far into the air cleaner housing (2).
If the dust cover is dirty, clean it.

Spark Plug

4. Inspect the electrodes and centre porcelain for deposits, corrosion, or carbon fouling. If the corrosion or deposits are heavy, replace the plug. Clean a carbon or wet-fouled plug with a plug cleaner, if available, or a wire brush. Inspect the spark plug electrodes for wear. The centre electrode (2) should have a flat tip and sharp edges, and the side electrode (3) should not be eroded. If the electrodes and insulator tip appear unusually fouled or burned, we suggest that you contact your Honda dealer.
5. Discard the spark plug if there is apparent wear or if the insulator is cracked or chipped.
6. Using a wire-type feeler gauge, check the spark plug gap (4). If adjustment is necessary, bend the side electrode carefully.
The gap should be:

0.8–0.9 mm (0.03–0.04 in)



- (2) centre electrode
- (3) side electrode
- (4) spark plug gap

Brakes

5. Back the adjuster off three clicks, then squeeze the brake lever several times. Spin the wheel manually to make sure the brake does not drag.
6. Line up the inspection hole with the second adjuster and repeat steps 3 through 5.
7. Reinstall the inspection hole plug, seating it into the inspection hole as shown.
8. Follow steps 3 through 7 to adjust the other front brake.
9. Recheck the brake lever freeplay. If freeplay is still excessive after adjusting the brake lining clearance, there is probably air in the brake system and it must be bled out. See your Honda dealer for this service.

Tyres

Always check air pressure when your tyres are “cold.” If you check air pressure when your tyres are “warm” — even if your ATV has only been ridden for a few miles — the readings will be higher. If you let air out of warm tyres to match the recommended cold tyre pressures, the tyres will be underinflated. Be sure to check tyre pressure at the riding site, since changes in altitude can affect air pressure.

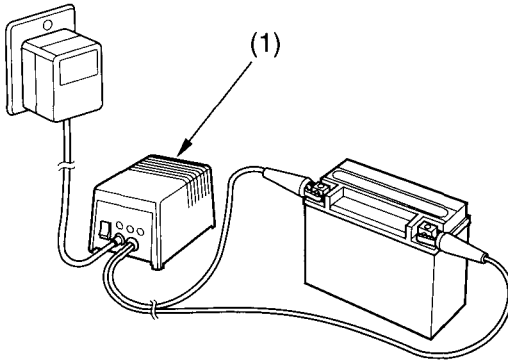
The recommended “cold” tyre pressures are:

		FRONT	REAR
NO CARGO	RECOMMENDED PRESSURE	20 kPa (0.20 kgf/cm ² , 2.9 psi)	20 kPa (0.20 kgf/cm ² , 2.9 psi)
	MAXIMUM PRESSURE	23 kPa (0.23 kgf/cm ² , 3.3 psi)	23 kPa (0.23 kgf/cm ² , 3.3 psi)
	MINIMUM PRESSURE	17 kPa (0.17 kgf/cm ² , 2.5 psi)	17 kPa (0.17 kgf/cm ² , 2.5 psi)
WITH CARGO	RECOMMENDED PRESSURE	20 kPa (0.20 kgf/cm ² , 2.9 psi)	20 kPa (0.20 kgf/cm ² , 2.9 psi)

Battery

Battery Charging

Refer to *Safety Precautions* on page 87.



(1) “trickle” charger

Be sure to read the information that came with your battery charger and follow the instructions on the battery. Improper charging may damage the battery.

We recommend using a “trickle” charger (1) for home charging. These units can be left connected for long periods without risking damage to the battery. However, do not intentionally leave the charger connected longer than the time period recommended in the charger’s instructions.

Avoid using an automotive-type battery charger. An automotive charger can overheat an ATV battery and cause premature damage.

Storing Your Honda

If you won't be riding for an extended period, such as during the winter, thoroughly inspect your ATV and correct any problem before storing it. That way, needed repairs won't be forgotten and it will be easier to get your ATV running again.

We suggest you perform the following procedures to keep your ATV in top condition. These storage procedures will reduce the deterioration that can occur during storage.

If Your Engine Quits or Won't Start

SYMPTOM: Engine starts, but runs poorly.	
POSSIBLE CAUSE	WHAT TO DO
idles roughly, too fast, stalls	Check engine idle adjustment (page 121). If the problem persists, see your Honda dealer.
poor engine performance at altitudes above 1,000 m.	Ask your Honda dealer to modify the carburetion with a high altitude jet. Refer to <i>High Altitude Carburetor Adjustment</i> , page 197.
high oil temperature	Check the high oil temperature indicator. Refer to <i>If the High Oil Temperature Indicator Lights</i> , page 182.
runs erratically, misfires	See your Honda dealer.
blubbers (rich fuel mixture)	See your Honda dealer.
sooty exhaust (rich fuel mixture)	See your Honda dealer.
detonates or pings under load	If applicable, switch to the recommended octane petrol (page 99) or change your brand of petrol. If the problem persists, see your Honda dealer.
afterfires (backfires)	See your Honda dealer.
pre-ignition (runs on after ignition switched OFF)	See your Honda dealer.

If a Fuse Blows

If you do not have a replacement fuse with the proper rating for the circuit, install one with a lower rating.

NOTICE

Replacing a fuse with one that has a higher rating greatly increases the chance of damage to the electrical system.

If you do not have a spare fuse and you cannot ride the ATV without fixing the problem, take a fuse of the same rating or a lower rating from one of the other circuits that you can do without temporarily.

If you replace a blown fuse with a spare fuse that has a lower rating, replace the fuse with the correct rating as soon as you can. Also remember to replace any spare fuses that were installed.

If the replacement fuse of the same rating burns out in a short time, there is probably a serious electrical problem on your ATV. Leave the blown fuse in that circuit and have your ATV checked by your Honda dealer.

Specifications

Chassis & Suspension	
caster	8.0°
trail	42 mm (1.7 in)
tyre size, front	AT22 × 7-11 ★ GOOD YEAR TRACKER HP
tyre size, rear	AT22 × 10-9 ★ GOOD YEAR TRACKER HP
tyre pressure, front & rear (cold)	20 kPa (0.20 kgf/cm ² , 2.9 psi)
maximum tyre pressure, front & rear (cold)	23 kPa (0.23 kgf/cm ² , 3.3 psi)
minimum tyre pressure, front & rear (cold)	17 kPa (0.17 kgf/cm ² , 2.5 psi)

Electrical	
battery	12 V – 10 Ah
generator	0.123 kW/5,000 min ⁻¹ (rpm)

Lights	
headlight	12 V 25/25 W × 2
brake/tail light	LED
neutral indicator	LED
reverse indicator	LED
high oil temperature indicator	LED

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