

HONDA

OWNER'S MANUAL

READ THIS MANUAL CAREFULLY.
IT CONTAINS IMPORTANT SAFETY INFORMATION.

TRX300FW

MINIMUM RECOMMENDED OPERATOR AGE: 16



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- * Never operate an ATV in fast flowing water or in water deeper than that specified in this manual. Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them several times to let friction dry out the linings.
- * Always be sure there are no obstacles or people behind you when you operate in reverse. When it is safe to proceed in reverse, go slowly.
- * Always use the size and type tires specified in this manual. Always maintain proper tire pressure as described in this manual.
- * Never modify an ATV through improper installation or use of accessories.
- * Never exceed the stated load limits for an ATV. Cargo should be properly distributed and securely attached. Reduce speed and follow instructions in this manual for carrying cargo or pulling a trailer. Allow greater distance for braking.

Choke Lever

The choke lever (Fig. 2-7) is next to the starter button. The choke has three positions: full choke (A), half choke (B), and off (C).

To start a cold engine when air temperature is 10–35°C (50–90°F), move the choke lever left to the half choke position before pressing the starter button. At colder air temperatures, set the choke at the full choke position before pressing the starter button. As the engine warms, move the lever to the half choke position. After the engine is warm, move the choke right to the off position.

CAUTION:

Extended use of the choke may impair piston and cylinder wall lubrication and shorten the life of the engine.

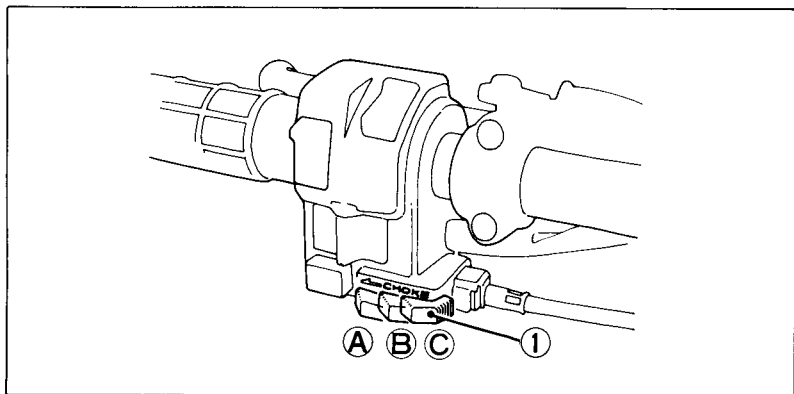


Fig. 2-7

(1) Choke lever

(A) Full choke position

(B) Half choke position

(C) Off position

Reverse and Neutral Indicator Lamps

The reverse indicator lamp and the neutral indicator lamp (Fig. 2-18) are next to the ignition switch.

The reverse indicator lamp will light when the transmission is in reverse and the ignition switch is ON. The neutral indicator lamp will light when the transmission is in neutral and the ignition switch is ON.

12 V DC Power Supply

The DC receptacle (Fig. 2-29) is attached to the right handlebar, near the handlebar cover (2). The receptacle provides 12 V DC power at a maximum of 180 watts (15 amps). If you exceed this limit, you may blow the fuse. (For information on fuses, and how to replace a fuse, see pages 117–118.)

NOTE:

If your TRX300FW is equipped with an optional cooling fan, the receptacle provides 12 V DC power at a maximum of 120 Watts (10 amps).

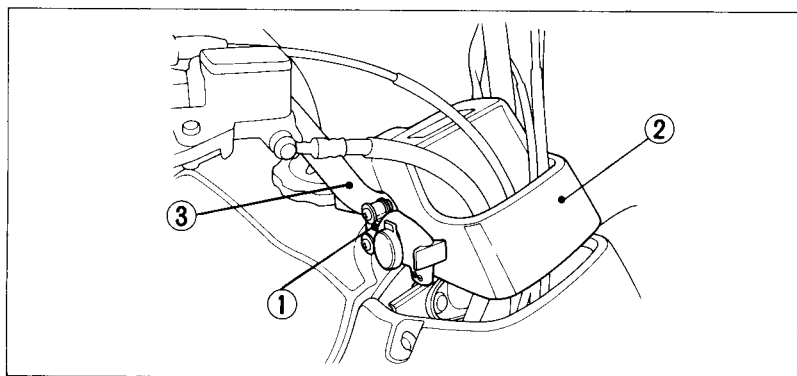


Fig. 2-29

(1) 12 V DC receptacle

(2) Handlebar cover

(3) Right handlebar

Electrical accessories may be connected to the receptacle by using the special DC plug (Fig. 2-30) that comes attached to the receptacle. Be sure to use only accessories that are designed for 12 V DC power.

To wire the special DC plug to an accessory:

1. Remove the cover (2) from the plug.
2. Thread the positive and negative accessory leads through the plug cover as indicated in Fig. 2-30.
3. Attach the leads to the plug (1). Make sure to connect the positive lead (3) and the negative lead (4) to the proper terminals.

Accessories

Genuine Honda accessories have been specifically designed for and tested on this vehicle. Because Honda cannot test all other accessories, you are personally responsible for properly selecting, installing, and using non-Honda accessories. Always follow the loading instructions above, plus the following:

1. Carefully inspect the accessory to make sure it does not block any lights, reduce ground clearance, or limit suspension travel, steering travel, or other controls.
2. Make sure the accessory does not interfere with your ability to shift body position on the seat or operate hand and foot controls.
3. Do not add electrical equipment that will exceed the vehicle's electrical system capacity. A blown fuse could cause a loss of lights or engine power.

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

POTENTIAL HAZARD

Operating this ATV at excessive speeds.

WHAT CAN HAPPEN

Increases your chances of losing control of the ATV, which can result in an accident.

HOW TO AVOID THE HAZARD

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

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MAKING TURNS

To make a turn on level ground, steer the handlebars and lean your body toward the inside of the turn. (Fig 3-8) Leaning helps balance the vehicle, and it feels more comfortable. Leaning into a turn is an important technique to master in riding a TRX300FW.

To make a sharp turn at low speed, it helps to shift your body slightly forward on the seat (Fig 3-8), and lean inside, as you steer the handlebars. Shifting weight forward allows the rear wheels to turn easier, and it also improves front-wheel steering. Remember to shift your body forward to make sharp low-speed turns and whenever you turn while accelerating from a full stop.

Apply the throttle slowly and gradually when you turn and start up at the same time. During other turns, use the throttle to maintain the desired speed throughout the turn. Practice these techniques on level ground until you are confident in making turns.

RIDING DOWN HILLS

It's usually advisable to descend hills with the TRX300FW pointed straight downhill. Avoid angles that would cause the vehicle to lean sharply to one side.

As you approach a downhill, stop and survey the terrain below. Never ride past the limit of your visibility.

When you've selected a safe downhill path, shift into a low gear, sit back on the seat with arms extended and braced against the handlebars, then go down slowly with the throttle closed.

Do not downshift abruptly while descending a hill.

Use mainly the rear brake to control speed. Avoid using either the front or rear brake hard or abruptly when riding down hills.

NOTE:

Remember that operating any brake control with four-wheel drive will cause braking at both the front and rear wheels.

Also, remember, braking effectiveness is reduced on any hill with a loose surface.

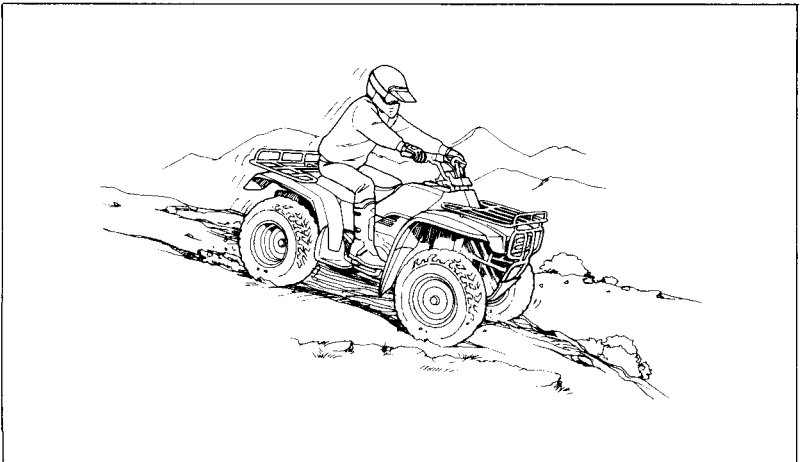


Fig. 3-12

On downhills, sit back on the seat.

TOOL KIT

A tool kit (Fig. 4-1) is provided with your TRX300FW and stored in the storage compartment behind the seat. The tools in the kit are sufficient to perform routine maintenance and simple repairs. Any extensive work requiring additional tools should be performed by your authorized Honda dealer.

The tool kit includes the following items:

- * Standard/Phillips screwdriver
- * Screwdriver handle
- * 10 x 12 mm open end wrench
- * 14 x 17 mm open end wrench
- * Pliers
- * Spark plug wrench and handlebar
- * Tool case

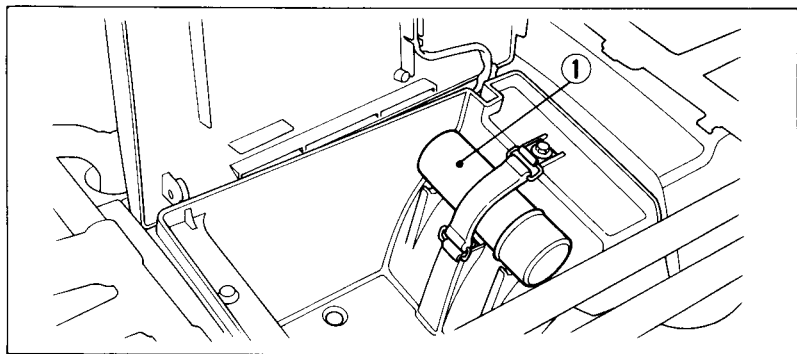


Fig. 4-1

(1) Tool kit

AIR CLEANER

Air Cleaner Filter

The air cleaner filter accumulates dust and must be cleaned periodically. If the TRX300FW is ridden in dusty areas, the filter must be cleaned at more frequent intervals than specified in the Maintenance Schedule.

To clean the air cleaner filter:

1. Remove the seat by pulling up the seat lock lever (Fig. 4-5).
2. Unlatch the four retainer clips (2) and remove the air cleaner cover (3).

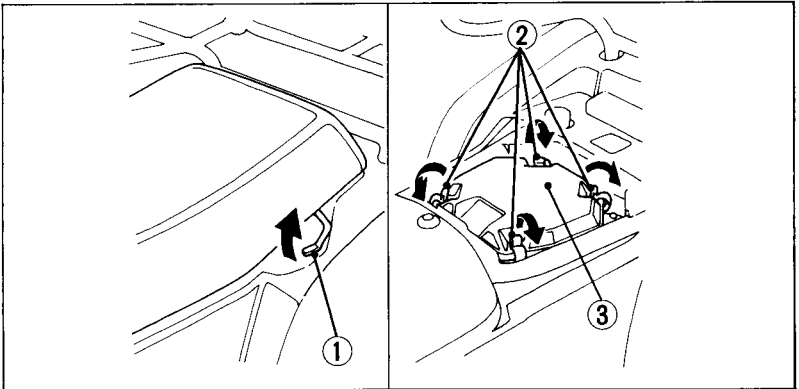


Fig. 4-5
(1) Seat lock lever

(2) Retainer clips
(3) Air cleaner cover

3. Remove the oil filter cover (Fig. 4-13) by removing the screws. Let the remaining oil drain out. Discard the oil filter (2).
4. Check that the oil filter cover O-rings (3) are in good condition and then install a new oil filter. Use the proper Honda oil filter or equivalent. Other filters may not filter impurities from the oil properly.
5. Install the filter with the rubber seal facing out, away from the engine. You will see "OUT-SIDE" on the filter body, near the seal.

CAUTION:

Improper installation of the oil filter can cause serious engine damage.

6. Reinstall the oil filter cover (1), making sure the bolts are tightened securely.

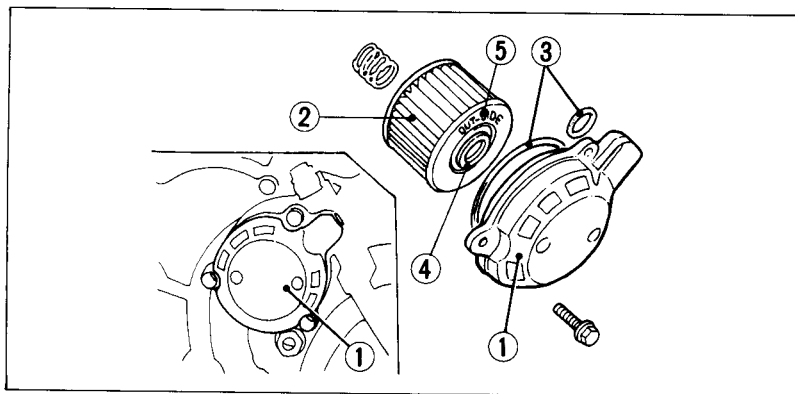


Fig. 4-13	(2) Oil filter	(4) Rubber seal
(1) Oil filter cover	(3) O-rings	(5) OUT-SIDE mark

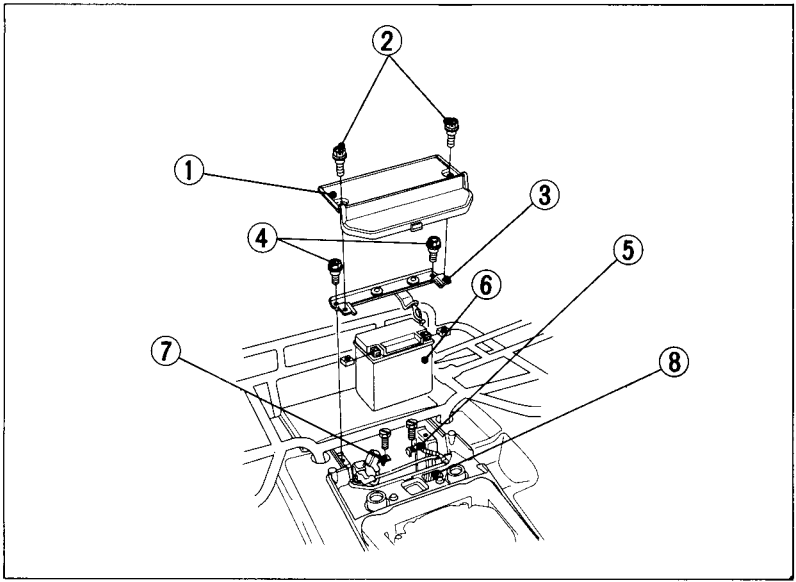


Fig. 4-18

- (1) Battery box cover
- (2) Mount bolts
- (3) Battery holder
- (4) Mount bolts
- (5) Negative (-) terminal lead
- (6) Battery
- (7) Positive (+) terminal lead
- (8) Caution label

To check and adjust brake lever free play:

Measure the distance the rear brake lever moves before the brake starts to take hold. Free play, measured at the tip of the brake lever (Fig. 4-27), should be within 15–20 mm (5/8–3/4 in).

Minor adjustments can be made with the adjuster (2) on the brake lever. Loosen the lock nut (3) and turn the adjuster. Major adjustments should be made using the brake lever adjusting nut on the brake arm (Fig. 4-28).

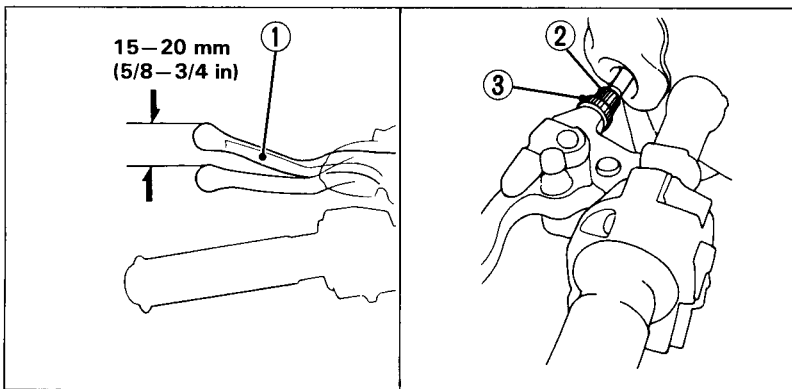


Fig. 4-27
(1) Brake lever

(2) Adjuster
(3) Lock nut

SPARK ARRESTER (USA ONLY)

The exhaust system must be periodically purged of accumulated carbon. To purge the system:

1. Select a well-ventilated area and make sure the exhaust pipe is cool.
2. Remove the bolts (Fig. 4-36), gasket (2) and spark arrester lid (3).
3. Start the engine and momentarily rev it up several times.
4. Stop the engine and allow the exhaust pipe to cool.
5. Reinstall the removed parts and tighten the bolts securely.

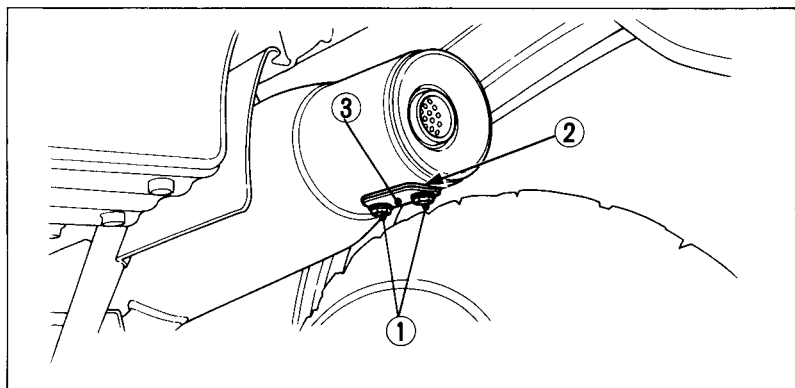


Fig. 4-36
(1) Bolts

(2) Gasket
(3) Spark arrester lid

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