

HONDA

OWNER'S MANUAL

87

ATC[®] 250ES

ATC[®] BIG RED[®]



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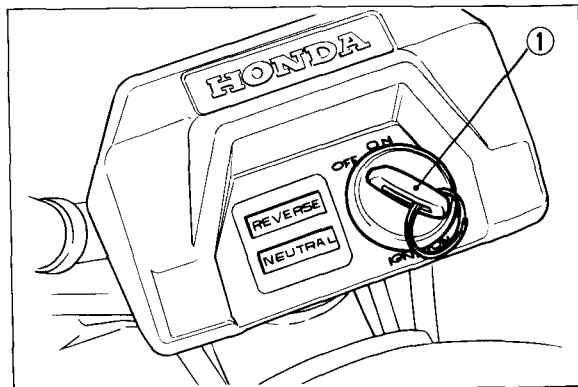
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PARTS FUNCTION

Ignition Switch

The ignition switch (1) is on the handlebar upper holder.



(1) Ignition Switch

Key Position	Function	Key Removal
OFF	Engine and headlight cannot be operated.	The key can be removed.
ON	Headlight can be turned on. With the engine stop switch at RUN and transmission in neutral, the engine can be started.	The key cannot be removed.

Fuse Replacement

The main fuse (1), located near the battery box, is 20A. The other fuses (2) are in the connector box under the headlight.

The specified fuses are 15A.

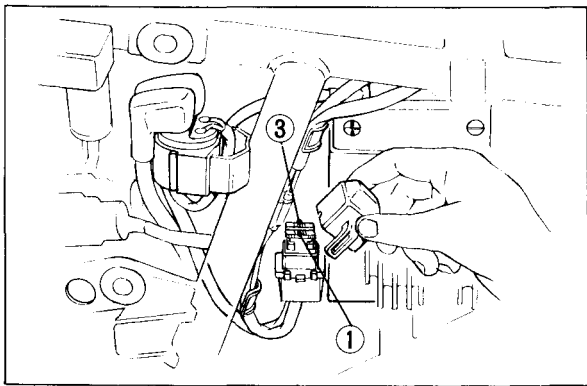
When frequent fuse failure occurs, it usually indicates a short circuit or an overload in the electrical system. See your authorized Honda dealer for repair.

WARNING

* *Never use a fuse with a different rating from that specified. Serious damage to the electrical system or a fire may result, causing a dangerous loss of lights at night or engine power.*

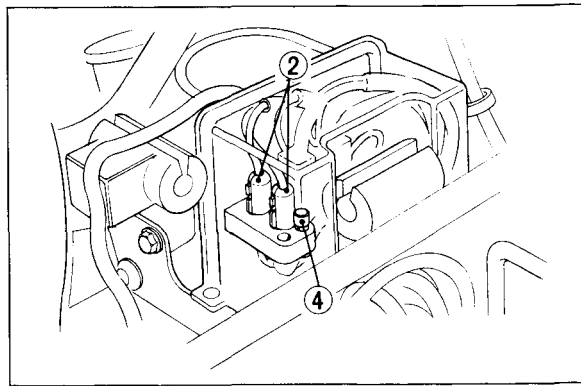
CAUTION

* *Turn the ignition switch OFF before checking or replacing the fuse to prevent accidental short-circuiting.*



(1) Main fuse

(3) Spare fuse



(2) Other fuses

(4) Spare fuse

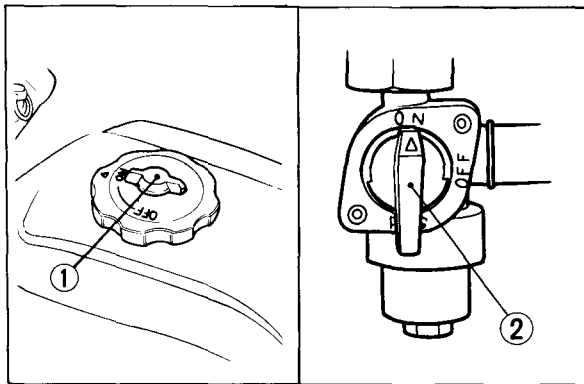
STARTING THE ENGINE

WARNING

- * *Never run the engine in a closed area. The exhaust contains poisonous carbon monoxide gas that may cause loss of consciousness and lead to death.*
- * *Do not try to start the engine with the transmission in gear. You may injure yourself or damage the vehicle.*

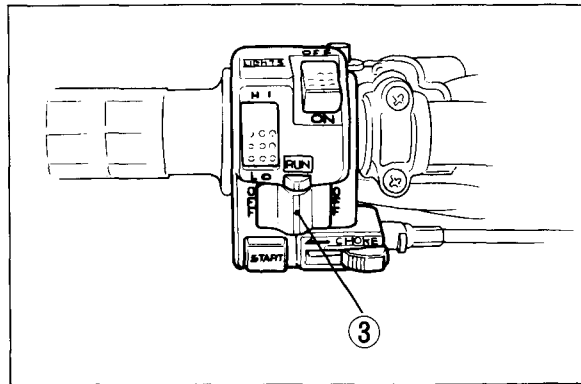
Preparation

1. Select a level surface and lock the parking brake (page 13) before starting the engine.
2. Turn the fuel cap vent lever (1) and fuel valve (2) to ON.
3. Make sure the engine stop switch (3) is at RUN.



(1) Vent lever

(2) Fuel valve



(3) Engine stop switch

Traversing Slopes

When riding across a slope at right angles to the incline of the hill, lean your body uphill to maintain balance and stability. On a loose surface such as sand, it may become necessary to steer slightly uphill in order to maintain your course of travel.

WARNING

- * *Balance is more precarious while the ATC is tilted to one side. Avoid traversing slopes where there is slippery or difficult terrain.*



SPARK PLUG

Standard spark plug

DR8ES-L (NGK), X24ESR-U (ND)

CAUTION

* *The use of spark plugs of incorrect size or heat range can cause serious engine damage.*

1. Disconnect the spark plug cap.
2. Clean any dirt from around the spark plug base.
3. Remove the plug with the wrench provided in the tool kit.
4. Visually inspect the spark plug electrodes for wear. The center electrode should have square edges and the side electrode should not be eroded. If the electrodes and insulator tip appear unusually fouled or burned, we suggest that you contact an authorized Honda dealer for inspection of the ATC. Discard the spark plug if there is apparent wear or if the insulator is cracked or chipped.
5. Make sure that the spark plug gap is 0.6–0.7 mm (0.024–0.028 in) using a wire-type feeler gauge. If adjustment is necessary, bend the side electrode (1) carefully.

6. With the plug washer attached, thread the spark plug in by hand to prevent cross-threading.
7. Tighten a new spark plug 1/2 turn with the spark plug wrench to compress the washer. If you are reusing a plug, it should only take 1/8–1/4 turn after the plug seats.

CAUTION:

* *The spark plug must be securely tightened. An improperly tightened plug can become very hot and possibly damage the engine.*

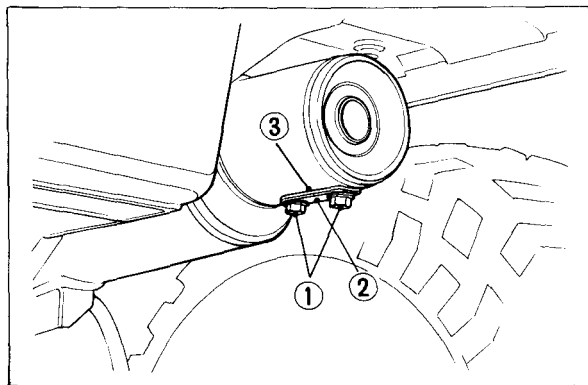


(1) Side electrode

SPARK ARRESTER (USA ONLY)

The exhaust system must be periodically purged of accumulated carbon.

1. Remove the spark arrester bolts (1), the muffler lid (2) and gasket (3).
2. Start the engine and rev approximately twenty times.



(1) Bolts

(2) Muffler lid

(3) Gasket

WARNING

- * *Do not perform this operation immediately after the engine has been run because the exhaust system becomes very hot.*
 - * *Because of the increased fire hazard ensure that there are no combustible materials in the area when purging the spark arrester.*
 - * *Wear eye protection.*
 - * *Do not stand behind the vehicle while purging the carbon from the spark arrester.*
 - * *Never run the engine in a closed area. The exhaust contains poisonous carbon monoxide gas that may cause loss of consciousness and lead to death.*
3. After clearing the spark arrester of carbon, reinstall the muffler lid and fasteners.

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