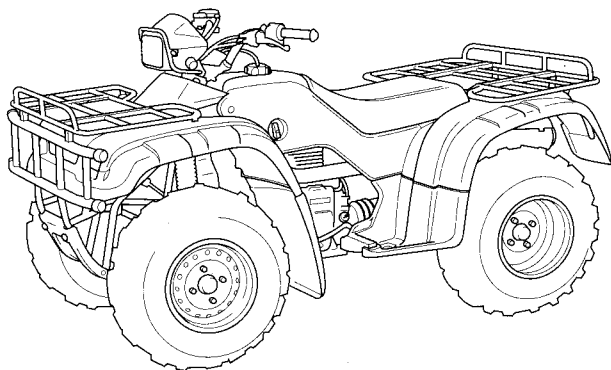


**2003
Honda TRX450FM
FOURTRAX FOREMAN FM
OWNER'S MANUAL**



FOR OFF-ROAD USE ONLY

This vehicle is designed and manufactured for off-road use only.

USA only:

It conforms to US EPA Noise Emission regulations, but does not conform to Federal Motor Vehicle Safety Standards or US EPA Exhaust Emission regulations, and operation on public streets, roads, or highways is illegal. The vehicle is equipped with a USDA qualified spark arrester. Obey local laws and regulations.

It conforms to California exhaust emission regulations for ATVs.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

Important Safety Information

Ride Off-Road Only

Your ATV is designed and manufactured for off-road use only. The tires are not made for pavement, and the ATV does not have turn signals and other features required for use on public roads. If you need to cross a paved or public road, get off and walk your ATV across.

Take Time to Learn & Practice

Even if you have ridden other ATVs, take time to become familiar with how this ATV works and handles. Practice in a safe area until you build your skills and get accustomed to the ATV's size and weight.

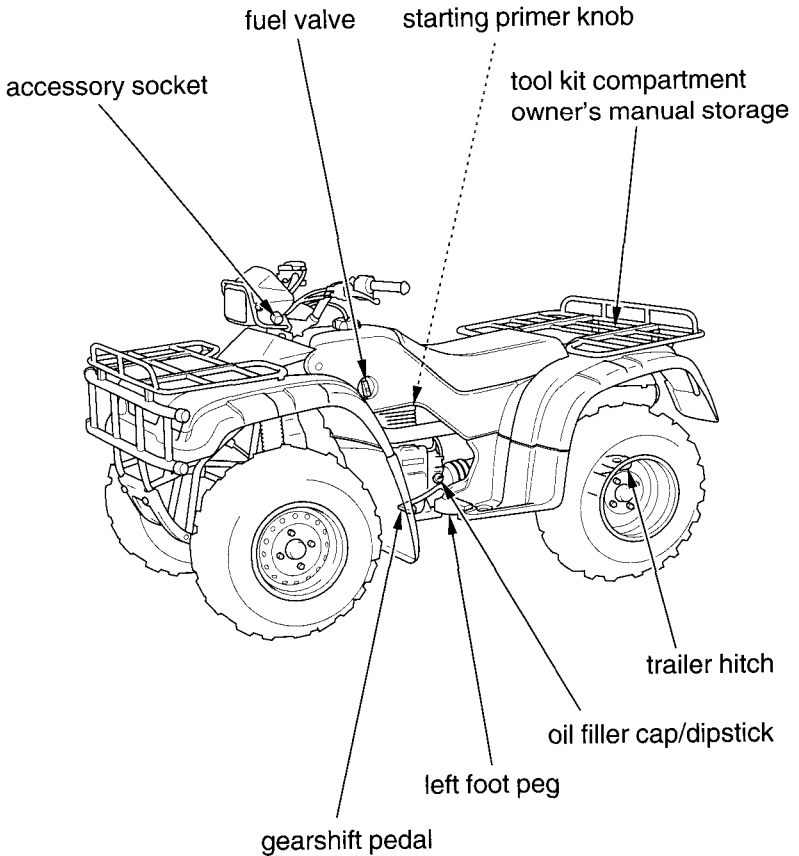
Because many accidents involve inexperienced or untrained riders, we urge all riders to take a training course approved by the ATV Safety Institute (ASI). See page 40.

Contact an authorized ATV dealer or call 1-800-887-2887 (USA only) to find out about the training courses nearest you.

Be Alert for Off-Road Hazards

The terrain can present a variety of challenges when you ride off-road. Continually “read” the terrain for unexpected turns, drop-offs, rocks, ruts, and other hazards. Always keep your speed low enough to allow time to see and react to hazards.

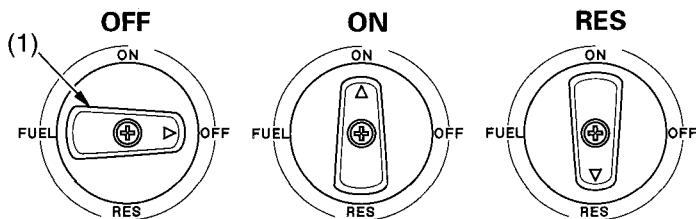
Component Locations



Controls & Features

Fuel Valve

LEFT SIDE



(1) fuel valve

The manual fuel valve is located on the left side of the fuel tank.

The three-way fuel valve is used to control the flow of fuel from the fuel tank to the carburetor.

ON – normal position for riding.

OFF – for parking, storing, or transportation.

RES – for extra fuel to get to a gas supply for refueling.

Reserve Fuel

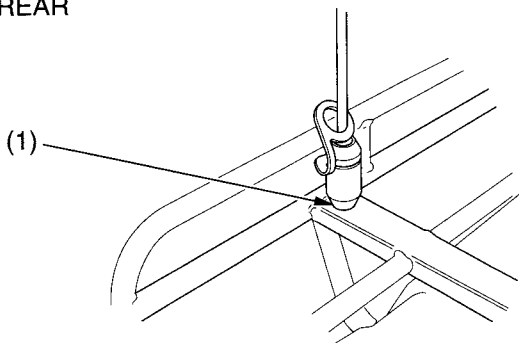
Remember to check that the fuel valve is in the ON position each time you refuel. If the valve is left in the RES position, you may run out of fuel with no reserve.

For complete information about fueling your ATV, see page 100.

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?

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 tire, 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 105).
Check for leaks.

Fuel

Check the level and add fuel (page 100) if needed. Also make sure the fuel fill cap is securely fastened.
Check for leaks.

Safe Riding Precautions

Before riding your ATV for the first time, please review the *ATV Safety* section beginning on page 1, and the *Before Riding* section beginning on page 37.

Even if you have ridden other ATVs, take time to become familiar with how this ATV works and handles. Practice in a safe area until you build your skills and get accustomed to the ATV's size and weight.

Off-Road Use Only

Your ATV and its tires are designed and manufactured for off-road use only, not for pavement. Riding on pavement can affect handling and control. You should not ride your ATV on pavement.

WARNING

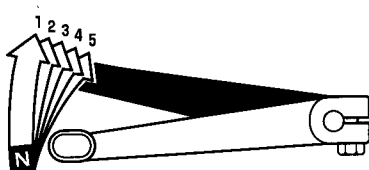
Operating this ATV on paved surfaces may seriously affect handling and control of the ATV, and may cause the vehicle to go out of control.

Never operate the ATV on any paved surfaces, including sidewalks, driveways, parking lots and streets.

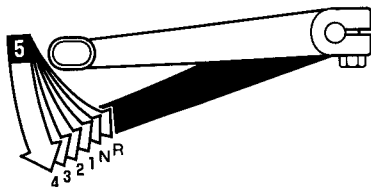
When riding off-road, also remember to always obey local off-road riding laws and regulations. Obtain permission to ride on private property. Avoid posted areas and obey “no trespassing” signs.

Shifting Gears

UPSHIFTING SEQUENCE



DOWNSHIFTING SEQUENCE

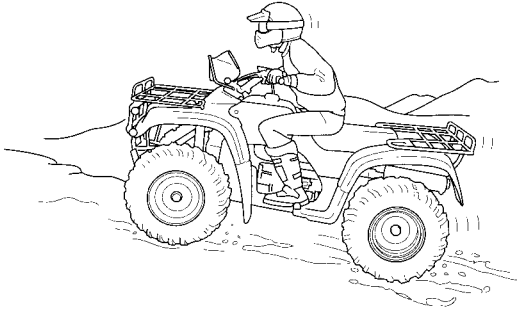


Your ATV has five forward gears: 1, 2, 3, 4, and 5.

The gearshift pedal is located near the left footpeg one full stroke of the pedal shifts the transmission to the next higher or lower gear in the shifting sequence. The pedal automatically returns to the horizontal position when released.

To upshift to a higher gear, put the toe of your boot under the gearshift pedal and raise the pedal one full stroke. To downshift, step on the gearshift pedal and depress the pedal one full stroke.

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

To help keep your ATV in good shape, this section includes a Maintenance Schedule for required service and step-by-step instructions for specific maintenance tasks. You'll also find important safety precautions, information on fuels and oils, and tips for keeping your Honda looking good.

For information about replacing fuses, see page 181 .

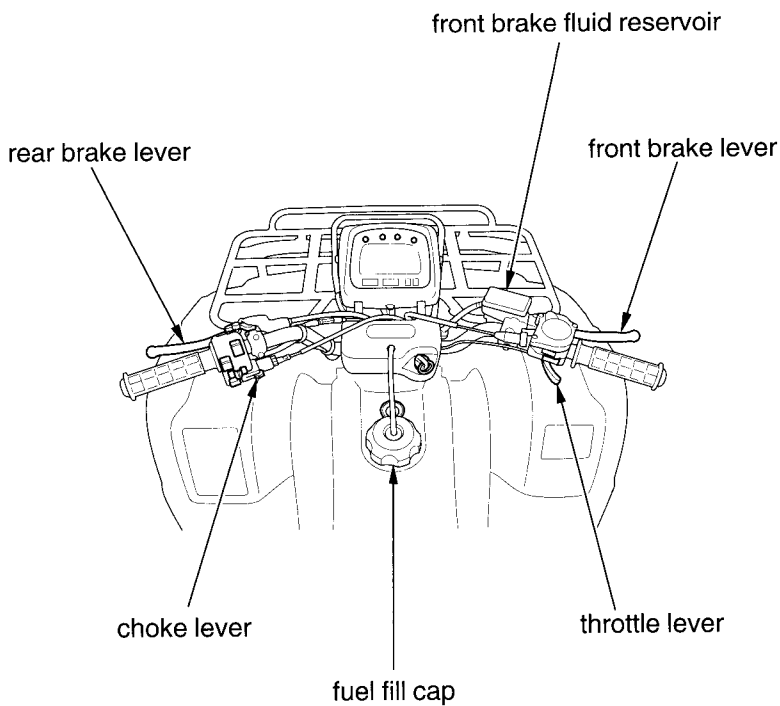
Before You Service Your Honda

| | |
|-------------------------------------|----|
| The Importance of Maintenance | 85 |
| Maintenance Safety | 86 |
| Important Safety Precautions | 87 |
| Maintenance Schedule | 88 |
| Maintenance Record..... | 92 |

Service Preparations

| | |
|-----------------------------|----|
| Component Locations | 93 |
| Tool Kit..... | 96 |
| Owner's Manual Storage..... | 97 |
| Seat Removal | 98 |

Component Locations



Engine Oil & Filter

Oil Recommendation

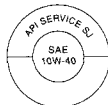
| | |
|---------------------|--|
| API classification | SG or higher except oils labeled as energy conserving on the circular API service label |
| viscosity (weight) | SAE 10W-40 |
| JASO T 903 standard | MA |
| suggested oil* | Pro Honda GN4 or HP4 (without molybdenum additives) 4-stroke oil (USA & Canada), or Honda 4-stroke oil (Canada only), or an equivalent motorcycle oil. |

* Suggested oils are equal in performance to SJ oils that are not labeled as energy conserving on the circular API service label.

- Your ATV does not need oil additives. Use the recommended oil.
- Do not use oils with graphite or molybdenum additives. They may adversely affect clutch operation.
- Do not use API SH or higher oils displaying a circular API “energy conserving” service label on the container. They may affect lubrication and clutch performance.



NO GOOD



OK

- Do not use non-detergent, vegetable, or castor based racing oils.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

Air Cleaner

Refer to *Safety Precautions* on page 87 .

Proper air cleaner maintenance is very important for off-road vehicles. A dirty, water-soaked, worn-out, or defective air cleaner will allow dirt, dust, mud, and other impurities to pass into the engine.

Service the air cleaner more frequently if you ride in unusually wet or dusty areas. Your Honda dealer can help you determine the correct service interval for your riding conditions.

Your ATV's air cleaner has very specific performance requirements. Use a new genuine Honda air cleaner specified for your model or an air cleaner of equal quality.

NOTICE

Using the wrong air cleaner may result in premature engine damage.

Proper air cleaner maintenance can prevent premature engine wear or damage, expensive repairs, low engine power, poor gas mileage, and spark plug fouling.

NOTICE

Improper or lack of proper air cleaner maintenance can cause poor performance and premature engine wear.

Engine Idle Speed

The best way to assure proper carburetion is to see your Honda dealer for regularly scheduled servicing, including carburetor adjustment.

Remember, idle speed adjustment is not a “cure-all” for other problems in your engine’s fuel-delivery system. Adjusting the idle will not compensate for a fault elsewhere.

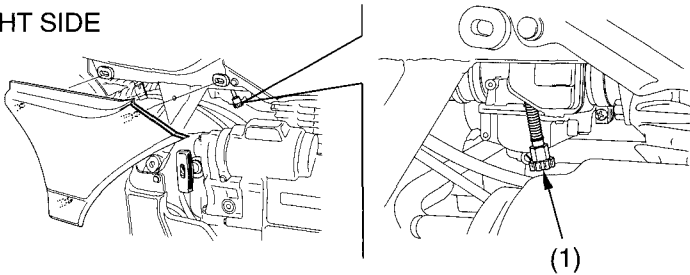
The engine must be at normal operating temperature for accurate idle speed adjustment.

For information about high altitude carburetor adjustment, see page 195 .

Idle Speed Adjustment

Refer to *Safety Precautions* on page 87 .

RIGHT SIDE



(1) throttle stop screw

1. If the engine is cold, start it and warm it up with ten minutes of stop-and-go riding. Stop the engine.
2. Park your ATV on a firm, level surface.
3. Connect a tachometer to the engine.
4. Shift into neutral. Start the engine.
5. Adjust idle speed by turning the throttle stop screw (1).

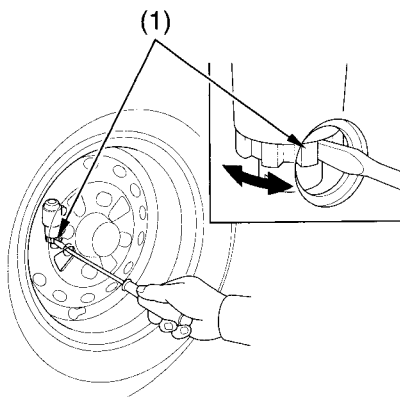
Idle speed (in neutral):

1,400 ± 100 rpm

Brakes

To adjust the brake lining clearance:

1. Squeeze the brake lever firmly two or three times, then release it.
2. Raise the front and rear wheels off the ground by placing a support block under the vehicle.
3. Beginning with either the left or right front wheel, remove the inspection hole plug and line up the hole with one of the brake adjusters.
4. Using a screwdriver, turn the brake shoe adjuster (1) until the front brake locks.



(1) brake shoe adjuster

(cont'd)

Tires

Always check air pressure when your tires are “cold.” If you check air pressure when your tires 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 tires to match the recommended cold tire pressures, the tires will be underinflated. Be sure to check tire pressure at the riding site, since changes in altitude can affect air pressure.

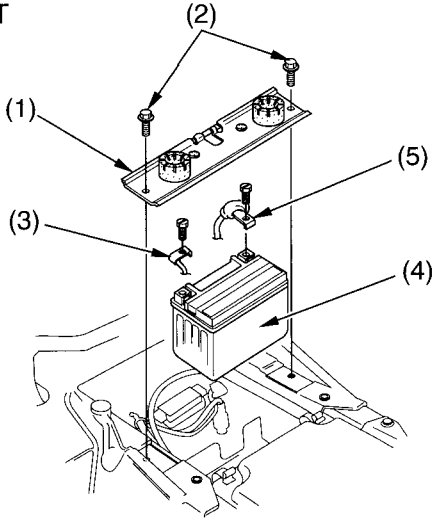
The recommended “cold” tire pressures are:

| | | FRONT | REAR |
|------------|----------------------|---|---|
| NO CARGO | RECOMMENDED PRESSURE | 3.6 psi (25 kPa , 0.25 kgf/cm ²) | 3.6 psi (25 kPa , 0.25 kgf/cm ²) |
| | MAXIMUM PRESSURE | 4.0 psi (28 kPa , 0.28 kgf/cm ²) | 4.0 psi (28 kPa , 0.28 kgf/cm ²) |
| | MINIMUM PRESSURE | 3.2 psi (22 kPa , 0.22 kgf/cm ²) | 3.2 psi (22 kPa , 0.22 kgf/cm ²) |
| WITH CARGO | RECOMMENDED PRESSURE | 3.6 psi (25 kPa , 0.25 kgf/cm ²) | 3.6 psi (25 kPa , 0.25 kgf/cm ²) |

Battery

The battery is located in a compartment under the seat.

UNDER SEAT



- | | |
|--------------------------------|--------------------------------|
| (1) battery holder | (4) battery |
| (2) mount bolts | (5) positive (+) terminal lead |
| (3) negative (-) terminal lead | |

1. Make sure the ignition switch is OFF (O).
2. Remove the seat (page 98).
3. Remove the battery holder (1) by removing the mount bolts (2).
4. Disconnect the negative (-) terminal lead (3) from the battery (4) first, then disconnect the positive (+) terminal lead (5).
5. Remove the battery.

(cont'd)

Preparing for a Ride

What to Take on the Trail

What you take with you during a ride depends on the kind of terrain, how long you expect to ride, how far you might go from your base camp or help, and how experienced you or your companions are in making repairs.

If you decide to take some tools, spare parts, or other supplies on the trail, be sure you can carry them safely and know how to use them. Also, be sure to follow the loading guidelines and weight limit (page 47).

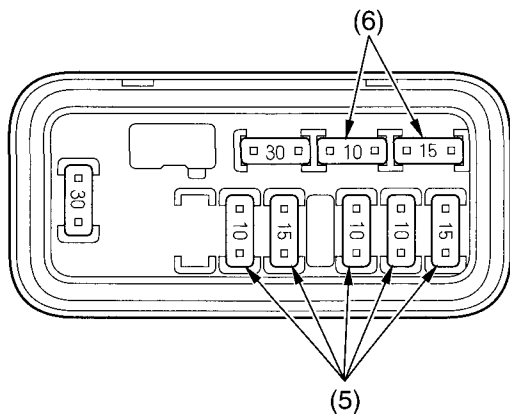
Taking Care of the Unexpected

Should you ever have a problem while riding, please follow these guidelines:

- Always put personal safety first.
- Take time to assess the situation and your options before deciding what to do.
- If the problem is relatively minor and you have the tools, supplies, and skills to make a temporary repair, be sure to have permanent repairs made as soon as possible.
- Do not continue riding if you are hurt or your ATV is not in safe riding condition.

Additional recommendations for specific problems follow.

If a Fuse Blows



(5) circuit fuses

(6) spare fuses

Circuit Fuse Access

1. To check or replace a circuit fuse (5), pull the old fuse out of its retaining clips.

If the fuse is blown, replace it with a spare fuse (6) of the same rating or lower.

2. Install the fuse box cover.

3. Install the seat.

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.

Specifications

| Fuses | |
|--------------|--------------------|
| main | 30 A |
| other | 15 A × 2, 10 A × 3 |

| Torque Specification | |
|-------------------------------------|--------------------------------|
| oil drain bolt | 18 lbf·ft (25 N·m , 2.5 kgf·m) |
| oil filter bolt | 7 lbf·ft (10 N·m , 1.0 kgf·m) |
| differential oil drain bolt | 9 lbf·ft (12 N·m , 1.2 kgf·m) |
| rear final gear case oil drain bolt | 9 lbf·ft (12 N·m , 1.2 kgf·m) |
| wheel nuts | 47 lbf·ft (64 N·m , 6.5 kgf·m) |

Order On-Line: www.helminc.com

Order Toll Free: 1-888-CYCLE93 (1-888-292-5393)

(NOTE: For Credit Card Orders Only)

Monday – Friday 8:00 AM – 6:00 PM EST

OR

By completing this form you can order the materials desired. You can pay by check or money order, or charge to your credit card. Mail to Helm, Inc. at the address shown on the back of this order form (USA only).

Canada: See your Honda dealer to order authorized manuals.

| Publication Item No. | Item Description | Qty. | Price Each* | Total Price |
|--|-------------------------|---|--------------------|--------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| *Prices are subject to change without notice and without incurring obligation. Orders are mailed within 10 days. Please allow adequate time for delivery. | | Sub Total | | |
| | | Mich. Purchasers Add 6 % Sales Tax | | |
| | | Handling Charge | | \$4.00 |
| | | Grand Total | | |

Table of Contents

| | |
|--------------------------------------|-----------|
| SERVICING YOUR HONDA | 83 |
| <i>Before You Service Your Honda</i> | |
| The Importance of Maintenance | 85 |
| Maintenance Safety | 86 |
| Important Safety Precautions | 87 |
| Maintenance Schedule | 88 |
| Maintenance Record..... | 92 |
| <i>Service Preparations</i> | |
| Component Locations | 93 |
| Tool Kit..... | 96 |
| Owner's Manual Storage..... | 97 |
| Seat Removal | 98 |
| <i>Service Procedures</i> | |
| <u>Fluids & Filters</u> | |
| Fuel | 99 |
| Engine oil & Filter | 102 |
| Gear Case Oil | 109 |
| Differential Oil..... | 111 |
| Air Cleaner..... | 113 |
| <u>Engine</u> | |
| Throttle..... | 118 |
| Carburetor Choke Cable & Lever | 120 |
| Clutch System | 121 |
| Engine Idle Speed | 123 |
| Spark Plug..... | 124 |
| Valves..... | 127 |

(cont'd)

Index

| | |
|------------------------------|-----|
| manual, service..... | 202 |
| maximum weight limit | 47 |
| minute select button | 21 |
| modifications..... | 50 |
| multi-function display | 18 |

N

| | |
|--------------------------------------|-----|
| neutral indicator | 16 |
| noise emission control systems | 198 |
| numbers, serial | 188 |

O

| | |
|--|---------|
| obstacles, riding over | 79 |
| odometer..... | 19 |
| odometer/ tripmeter select button..... | 19 |
| oil, | |
| engine | 102 |
| gear case..... | 109 |
| high temperature indicator | 16, 180 |
| operating controls..... | 23 |
| owner's manual storage..... | 97 |
| oxygenated fuels | 199 |

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL