IOWA All-Terrain Vehicle Off-Road Utility Vehicle and Off-Road Motorcycle Regulations



the



July 2007 Edition

Iowa Department of Natural Resources

Our Mission:

To provide sustainable, responsible recreation opportunities for owners of registered all-terrain vehicles, off-road utility vehicles, and off-road motorcycles.

The material contained in this pamphlet is based upon the Code of Iowa and the Iowa Administrative Code but does not adhere to the legal text. For more complete information, please consult the Code and Administrative Code.



IOWA All-Terrain Vehicle Off-Road Utility Vehicle and Off-Road Motorcycle Regulations

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Definitions



All-terrain vehicle (ATV): A motorized flotation-tire vehicle with not less than three and not more than six low-pressure tires, that is limited in engine displacement to less than 1,000 cubic centimeters and in total dry weight to less than 1,000 pounds and that has a seat or saddle designed to be straddled by the operator and handlebars for steering control.

Dealer: A person engaged in the business of buying, selling, or exchanging ATVs required to be registered under this chapter and who has an established place of business for that purpose in this state.

Designated riding area: An all-terrain vehicle riding area on any public land or ice under the jurisdiction of the Department that has been designated by the Department for all-terrain vehicle use.

Designated riding trail: An all-terrain vehicle riding trail on any public land or ice under the jurisdiction of the Department that has been designated by the Department for all-terrain vehicle use.

Direct supervision: To provide supervision of another person while maintaining visual and verbal contact at all times.

Manufacturer: A person engaged in the business of constructing or assembling ATVs required to be registered under this chapter and who has an established place of business for that purpose in this state.

Non-ambulatory person: An individual with paralysis of the lower half of the body with the involvement of both legs, usually caused by disease of or injury to the spinal cord, or caused by the loss of both legs or the loss of a part of both legs.

Off-road motorcycle: A two-wheeled motor vehicle that has a seat or saddle designed to be straddled by the operator and handlebars for steering control and that is intended by the manufacturer for use on natural terrain. "Off-road motorcycle" includes a motorcycle that was originally issued a certificate of title and registered for highway use under Chapter 321, but which contains design features that enable operation over natural terrain.

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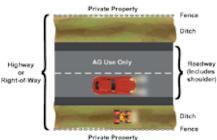
Off-road utility vehicle: A motorized flotation-tire vehicle with not less than four and not more than six low-pressure tires that is limited in engine displacement to less than 1,500 cubic centimeters and in total dry weight to not more than 1,800 pounds and that has a seat that is of bench design, not intended to be straddled by the operator, and a steering wheel for control.

Operate: To ride in or on, other than as a passenger, use or control the operation of an ATV in any manner, whether or not the ATV is moving.

Public land: Land owned by the federal government, the state, or political subdivisions of the state and land acquired or developed for public recreation pursuant to Section 3211.8.

Railroad right-of-way: The full width of property owned, leased or subject to easement for railroad purposes and shall not be limited to those areas on which tracks are located.

Roadway: The portion of a highway improved, designed, or ordinarily used for vehicular travel.



Safety certificate: An ATV safety certificate issued by the Iowa DNR or ATV Safety Institute to a qualified applicant who is 12 years of age or older.

Special event: An organized race, exhibition, or demonstration of limited duration which is conducted according to a prearranged schedule and in which general public interest is manifested.

Street or highway: The entire width between property lines of every way or place of whatever nature when any part thereof is open to the use of the public, as a matter of right, for purposes of vehicular travel, except in public areas in which the boundary shall be 33 feet each side of the center line of the road way.



Quick Reference



Operation Guide for All-Terrain Vehicles and Off-Road Motorcycles

- Resident-owned ATVs and off-road motorcycles must display a valid DNR registration. Nonresident-owned ATVs and off-road motorcycles must display a valid nonresident user permit.
- A person under 12 years of age shall not operate an all-terrain vehicle, including an off-road motorcycle, on a designated riding area or designated riding trail or on ice unless one of the following applies:
 - The person is taking a prescribed safety training course and operation is under the direct supervision of a certified all-terrain vehicle safety instructor.
 - ATV and off-road motorcycle riders under the age of 12 must be under the direct supervision of an adult possessing a valid drivers license. Direct supervision means maintaining visual and verbal contact at all times.
- ATV riders 12 through 17 years of age must have a valid safety certificate before riding on any public land or ice or land purchased with all-terrain vehicle registration funds.
- Riding double is prohibited on ATVs and off-road motorcycles (even on private property), unless the ATV and off-road motorcycle is designed and manufactured for two persons (most are not).
- Riding is prohibited in or on any park or fish and game areas except on designated all-terrain vehicle trails.
- Riding is prohibited in any tree nursery or planting in a manner which damages or destroys growing stock.
- Riding in wildlife areas is prohibited.
- Careless, reckless, or negligent operation is prohibited.

- Speed greater than reasonable or proper under all existing circumstances is prohibited.
- Riding while under the influence of intoxicating liquor or narcotics is prohibited.
- ATVs and motorcycles may not exceed an engine noise limit above 96 decibels as tested under SAE J1287.

All-Terrain Vehicles—Highway Use: Exemptions to Operation upon Roadways

- Agricultural Exemption: Use must be for a valid agricultural purpose.
 - Operation must be between sunrise and sunset.
 - Operator must have a valid drivers license.
 - Machine must be operated at speeds under 35 mph.
 - An owner of land or the owner's family may operate an ATV or off-road motorcycle in the ditch area that is adjacent to their property (they must stop riding at the end of their property boundary).
- Licensed Engineer or Surveyor Exemption: The operation is incidental to the vehicle's use for the purpose of surveying by a licensed engineer or land surveyor.
- Political Subdivision or Utility Exemption: The ATV is operated by an employee or agent of a political subdivision or public utility for the purpose of construction or maintenance on or adjacent to the highway.
- Providing Emergency Services Exemption: The ATV is operated by an employee or agent of a public agency for the purpose of providing emergency services or rescue.
- Trail Maintenance Exemption: The ATV is operated for the purpose of mowing, installing approved trail signs, or providing maintenance on a snowmobile or all-terrain vehicle trail designated by the Department of Natural Resources.

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Iowa's All-Terrain Vehicle Education

Education is mandatory in Iowa for persons ages 12-17 who ride their ATVs on designated public land or land purchased with ATV registration funds.

- There is a cooperative program between the Iowa DNR and the ATV Safety Institute (ASI), a non-profit division of the Specialty Vehicle Institute of America.
 - ASI's ATV course may be offered free of charge by some distributors to individuals who purchase a new ATV and the purchaser's family members may attend too. If you are not eligible for free safety training, you can take an ASI course for a fee of \$75 if you are 16 or younger or for \$125 if you are over 16. This fee is collected by ASI

and is used to provide continuing education to instructors, provide course materials for students, and support the course administration.



- The course is approximately 4.5 hours in length. Students practice safety techniques with hands-on exercises covering starting, stopping, swerving, and riding over obstacles. Particular emphasis is placed on the safety.
- The course also covers protective gear, environmental concerns, and local laws. Participants receive the *ATV RiderCourse*[®] *Handbook*, which reinforces the safety information and riding techniques covered during the course. The instructional materials, as well as the course curriculum, have been designed in consultation with the Consumer Product Safety Commission (CPSC).
- To register for the ATV RiderCourse[®], contact the ASI Enrollment Express hotline at 1-800-887-2887. To speak with a national representative about ATV safety, call 1-800-852-5344. For more information on the ASI ATV RiderCourse[®] and for interactive safety information, visit www.atvsafety.org.
- The Iowa Department of Natural Resources (DNR) is developing a state-sponsored course, which should be available in late 2007. This course will supplement the ASI training. The DNR will post the availability of the state course on its website—www.iowadnr.gov.

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lowa's ATV Laws

Enforcement Signal from Officer to Stop

A person, after having received a visual or audible signal from a peace officer to come to a stop, shall not operate an ATV in willful or wanton disregard of the signal or interfere with or endanger the officer or any other person's vehicle, or increase speed, or attempt to flee, or elude the officer.

Reporting Accidents

If an ATV is involved in an accident resulting in injury or death to anyone or property damage amounting to \$1,000 or more, either the operator or someone acting for the operator shall immediately notify the county sheriff or another law enforcement agency in the state. The operator shall file with the Iowa DNR a report of the accident, within 48 hours, containing such information as the Department may require. Accident report forms can be obtained from county sheriff or department law enforcement personnel.

Prosecution

Any person who shall violate any provision of this chapter or any regulation of the Department or Director of the Department of Transportation shall be guilty of a misdemeanor. A person, regardless of age, may be prosecuted for violation of Iowa's ATV laws and regulations.

Liability

The owner and operator of an ATV is liable for any injury or damage occasioned by the negligent operation of the ATV.



Registration of All-Terrain Vehicles (ATVs) Point of Sale Registration Requirement

◆ Operation Pending Registration: The commission shall furnish all-terrain vehicle (ATV) dealers with cards bearing the words "registration applied for" and space for the purchase date. An unregistered ATV sold by a dealer shall bear one of these cards, which entitles the purchaser to operate it for 45 days immediately following purchase.

Where to Register

- Residents: County recorder in county of residence.
- Nonresidents: Must purchase a nonresident user permit in lieu of a registration. The user permit is available at any county recorder office or electronic license vendor where hunting and fishing licenses are sold. The permit is valid for the current calendar year and costs \$15 plus writing fees.

Registration Fees

- Annual Registration Fee: \$15. Annual registration runs from Jan. 1 - Dec. 31. After the first of September, any unregistered ATV may be registered for the remainder of the current year and the subsequent year for a fee of \$20.
- Writing fee: \$1.25 is charged by the county recorder for each registration.

Other Fees

- Transfer of Registration Fee: \$15 plus writing fee. (Registration transfers will be handled in the new owner's county of residence.)
- Duplicate Registration Fee: \$5 plus writing fee.
 Title Fee: \$10

Registration Renewal

Where: County recorder office in the county of residence. (After September 1, 2007, owners can renew their ATV registrations at their county recorder for the 2008 calendar year using the electronic license system. Following this electronic renewal, owners can renew their registrations at any electronic license vendor where hunting and fishing licenses are sold.)

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- An all-terrain vehicle dealer shall make application and pay all registration fees on behalf of the purchaser of an all-terrain vehicle.
- Licensed ATV dealers are required by law to issue a "registration applied for" card with each machine to allow operation for **45 days** immediately following the date of sale until registration is received. All-terrain vehicles cannot be legally operated unless bearing a valid registration or "registration applied for" card.
- If the ownership of an ATV is to be transferred, the owner shall provide the purchaser with a bill of sale, registration certificate, and title. The new owner shall file an application for registration and title with the county recorder, in the county of their residence, within 30 days of purchase.
- The registration certificate shall be carried either in the ATV or on the person operating the machine.

Exemptions to Registration

Registration shall not be required for the following ATVs.

- ATVs owned and used by the United States, another state, or a political subdivision of another state.
- ATVs being used for agricultural purposes (see exemptions on page 7).

All-terrain vehicles used by private engineering or survey companies, utility companies, or snowmobile clubs providing trail maintenance must display a valid DNR registration decal.



Registration Decals

The decal shall be affixed to the rear of the ATV so that the decal is clearly visible. On an off-road motorcycle the decal should be affixed to the yoke of the steering column so that it is clearly visible. The decal must be placed on the yoke in a manner that does not obstruct the view of the vehicle identification number.



Certificates of Title for ATVs

- The owner of an all-terrain vehicle (ATV) acquired on or after January 1, 2000, other than an ATV used exclusively as a farm implement, shall apply to the county recorder of the county in which the owner resides for a certificate of title for the ATV.
- A certificate of title shall contain the information and shall be issued on a form the Department prescribes.
- ◆ An owner of an ATV shall apply to the county recorder for issuance of a certificate of title within **thirty days** after acquisition. The application shall be on forms the Department prescribes and accompanied by the required fee. The application shall be signed and sworn to before a notary public or other person who administers oaths, or shall include a certification signed in writing containing knowledge, information, and belief, under penalty of

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perjury. The application shall contain the date of sale and gross price of the ATV or the fair market value if no sale immediately preceded the transfer and any additional information the Department requires. If the application is made for an ATV previously registered or titled in another state or foreign country, the application shall contain this information and any other the Department requires.

- ♦ A manufacturer or dealer shall not transfer ownership of a new ATV without supplying the transferee with the manufacturer's or importer's certificate of origin signed by the manufacturer's or importer's authorized agent. The certificate shall contain information the Department requires. The Department may adopt rules providing for the issuance of a certificate of origin for an ATV by the Department upon good cause shown by the owner. The dealer shall submit all paperwork to the county recorder, not the customer.
- A dealer transferring ownership of an ATV under this chapter shall assign the title to the new owner, or in the case of a new ATV, assign the certificate of origin. Within **30 days** the dealer shall forward all moneys and applications to the county recorder.
- The county recorder shall maintain a record of any certificate of title which the county recorder issues and shall keep each certificate of title on record until the certificate of title has been inactive for five years. When issuing a title for a new ATV, the county recorder shall obtain and keep on file a copy of the certificate of origin.
- Once titled, a person shall not sell or transfer ownership of an ATV without delivering to the purchaser or transferee a certificate of title with an assignment on it showing the title in the purchaser or transferee. A person shall not purchase or otherwise acquire an ATV without obtaining a certificate of title for it in that person's name.

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 All questions concerning bonding issues with machines with VIN numbers contact your local county recorder. Machines without VIN numbers contact your local conservation officer for questions concerning bonding.

Title Fees, Surcharges, and Duplicates

- The county recorder shall charge a ten dollar fee to issue a certificate of title, a transfer of title, a duplicate, or a corrected certificate of title.
- ◆ If a certificate of title is lost, stolen, mutilated, destroyed, or becomes illegible, the first lienholder or if there is none, the owner named in the certificate, as shown by the county recorder's records, shall within **30 days** obtain a duplicate by applying to the county recorder. The applicant shall furnish information the Department requires concerning the original certificate and the circumstances of its loss, mutilation, or destruction. Mutilated or illegible certificates shall be returned to the Department with the application for a duplicate.
- The duplicate certificate of title shall be marked plainly "duplicate" across its face and mailed or delivered to the applicant.

Transfer or Repossession

- If ownership of an ATV is transferred by operation of law, such as by inheritance, order in bankruptcy, insolvency, replevin, or execution sale, the transferee, within **30 days** after acquiring the right to possession of the ATV, shall mail or deliver to the county recorder satisfactory proof of ownership as the county recorder requires, together with an application for a new registration, title, and the required fees.
- If a lienholder repossesses an ATV by operation of law and holds it for resale, the lienholder shall secure a new registration and certificate of title, and shall pay the required fees.

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Security Interest

- ♦ A security interest created in Iowa in an ATV is not perfected until the security interest is noted on the certificate of title. To perfect the security interest, an application for security interest must be presented along with the original title. The county recorder shall note the security interest on the face of the title and on the copy in the recorder's office.
- The certificate of title shall be presented to the county recorder when the application for security interest or for assignment of the security interest is presented and a new or endorsed certificate of title shall be issued to the secured party with the name and address of the secured party on it.
- The secured party shall present the certificate of title to the county recorder when a release statement is filed and a new or endorsed certificate shall be issued to the owner. If the secured party loses the title, they may discharge the security interest by signing a notarized statement and sending it to the county recorder.

Registration of Off-Road Utility Vehicles (ORVs)

- Off-road utility vehicles shall be considered all-terrain vehicles for the purpose of registration but are exempt from the dealer registration requirements and the titling requirements of Iowa Code Chapter 321I.
- A motorized vehicle that was previously titled or is currently titled under Chapter 321 shall not be registered or operated as an off-road utility vehicle.

Where to Register

- Residents: County recorder offices or any electronic license vendor where hunting and fishing licenses are sold (effective August 15, 2007)
- Nonresidents: County recorder offices or any electronic license vendor where hunting and fishing licenses are sold



Exemptions to Registration

Registration shall not be required for the following ORVs:

- ORVs owned and used by the United States, another state, or political subdivision of another state
- ORVs being used for agricultural purposes

ORVs that are being operated under the provisions of 321.234A, by a licensed engineer, surveyor, utility, or snowmobile club providing trail maintenance, are required to display a valid registration decal. This includes an ORV that is being operated for recreational purposes in a right-of-way area adjacent to the owner's property line under 321.234A, subsection 3.

Registration Decals and Certificates for ORVs

- The decal shall be affixed on the rear of the ORV so that the decal is clearly visible.
- Registration certificates shall be carried either in the ORV or on the person operating the machine.

Transfer of an ORV

ORV registrations are not transferable. In order to maintain a valid registration, the purchaser of a registered ORV must obtain a new registration.

Operational Requirements for ORVs

- An operator of an off-road utility vehicle is subject to provisions governing the operation of all-terrain vehicles in Iowa Code Chapters 321.234A and 321I but is exempt from the safety instruction and certification program requirements of Sections 321I.25 and 321I.26.
- A person shall not operate an ORV on a designated riding area or designated riding trail unless the riding area or designated riding trail is signed by the Department as open to ORV operation.

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Safety Certificate Requirement for ATV Operation

- A person 12 years of age or older but less than 18 years of age shall not operate an all-terrain vehicle on public lands or ice or land purchased with all-terrain vehicle registration funds in this state without obtaining a valid safety certificate issued by the Department or ATV Safety Institute and having the certificate in the person's possession.
- A valid ATV safety certificate or license issued to a non-resident by a governmental authority of another state shall be considered a valid certificate or license in this state if the permit or license requirements of such governmental authority, excluding fees, are substantially the same as the requirements of this Act as determined by the Department.
- If you have any questions concerning this issue please call **515-281-3449**.



Age Restrictions for ATV Operation

There are no age restrictions for operating an all-terrain vehicle (ATV) on private land. However, the following age restrictions apply to operation of ATVs on designated public lands and ATV Parks.

- Under 12 years of age: A person under the age of 12 shall not operate an all-terrain vehicle, including an off-road motorcycle, on a designated riding area or designated riding trail or on ice unless one of the following applies:
 - The person is taking a prescribed safety training course and operation is under the direct supervision of a certified all-terrain vehicle safety instructor.
 - ATV and off-road motorcycle riders under the age of 12 must be under the direct supervision of an adult possessing a valid drivers license. Direct supervision means maintaining visual and verbal contact at all times.
- 12 to 17 years of age: Persons between the ages of 12 and 17, inclusive, may operate on designated public lands or ice or ATV parks if they have a valid ATV safety certificate.
- Persons 18 or older: Persons age 18 and up may operate on designated public lands or ice or ATV parks without a valid ATV safety certificate.

Required Equipment on ATVs

- Head Lamp and Tail Lamp: Every ATV operated from sunset to sunrise shall display a lighted head lamp and tail lamp.
- Brakes: Every ATV shall be equipped with brakes which conform to standards prescribed by the director of transportation.
- **Mufflers:** ATVs and motorcycles may not exceed an engine noise limit above 96 decibels as tested under SAE J1287.

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Firearms on ATVs

A person shall not operate or ride an ATV with a firearm in the person's possession unless it is unloaded and enclosed in a carrying case. However, paraplegics and single or double amputees of the legs may hunt from a motor driven land conveyance such as an all-terrain vehicle. "Paraplegic" means an individual affected with paralysis of the lower half of the body with the involvement of both legs, usually due to disease of or injury to the spinal cord. [IAC 571-98.2(2)] Turkey and [IAC 571-106.7(4)] Deer

Operation of ATVs General Regulations

It shall be unlawful for any person to drive or operate any ATV under any of the following conditions.

- On public land, with the exception as provided in Section 321.234A (see "public land" definition, page 5), or in specified areas permitted by the Department such as "ATV Parks" or "Designated Trails," which are designated and intended for use.
- At a rate of speed greater than reasonable or proper under all existing circumstances.
- In a careless, reckless, or negligent manner so as to endanger persons or property, or to cause injury or damage.
- Without a lighted headlight and taillight from sunset to sunrise and at such other times when conditions provide insufficient lighting to render clearly discernible persons and vehicles at a distance of five hundred feet ahead.
- While under the influence of intoxicating liquor or narcotics or habit-forming drugs.
- In any tree nursery or planting in a manner which damages or destroys growing stock.
- On any public land, ice, or snow, in violation of official signs of the Department prohibiting such operation in the interest of safety for persons, property, or the environment.

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- In any park, wildlife area, preserve, refuge, or game management area, or any portion of a navigable stream or river identified by the Department in IAC Chapter 49.
- Upon an operating railroad right-of-way. This subsection does not apply to a law enforcement officer or railroad employee in the lawful discharge of their duties.
- Riding double is prohibited on ATVs and off-road motorcycles (even on private property), unless the ATV or off-road motorcycle is designed and manufactured for two persons (most are not). Designated ATV parks may have special restrictions on ATVs that are designed to carry a passenger. Operators must follow posted signs.

Operating on Roads and Highways

A person shall not operate an all-terrain vehicle or off-road motorcycle upon roadways or highways (including the ditch area) except as provided in Section 321.234A (agricultural exemption) or on a designated and signed trail approved by the county board of supervisors.

Operating on Trails and Private Land

ATVs may not be operated:

- On private property without permission.
- On snowmobile trails except where designated by the controlling authority and the primary snowmobile trail sponsor.

Don't Trespass!

The operation of ATVs on private land is subject to trespass laws and permission must be obtained.

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Operation Prohibited in Streambeds

This section does not prohibit the use of ford crossing of public or private roads or any other ford crossing when used for: agricultural purposes, the operation of construction vehicles engaged in lawful construction, repair, or maintenance in a streambed, or the operation of motor vehicles on ice (see "motor vehicle" definition, page 4.)

- Except as provided above, a person shall **not** operate any motor vehicle in any of the following situations:
 - Any portion of a meandered stream.
 - Any portion of the bed of a non-meandered stream which has been identified as a navigable stream or river adopted by the Department and which is covered by water.
- The Department of Natural Resources shall adopt rules identifying the navigable streams and rivers in which a motor vehicle may be operated.

Special Events

The Department of Natural Resources (DNR) may authorize the holding of organized special events (see "special event" definition, page 5) within the state. The DNR shall adopt rules relating to the conduct of special events held under DNR permits, designating the equipment and facilities necessary for safe operation of ATVs, and for the safety of operators, participants, and observers.

Residents participating in a special event *must* display a current registration on their ATV or off-road motorcycle. Non-residents *must* display a valid user permit on their ATV or off-road motorcycle.

- A special event for ATVs may include motorcycles upon payment of an entrance fee set by the organizer of the special event. The DNR may require part of the motorcycle entrance fee be credited to pay costs of ATV programs authorized pursuant to the Iowa Code, Section 321I.8.
- At least 30 days before the scheduled date of a special event, an application must be filed with the DNR. Applications may be obtained from the Conservation Officers or by writing the Iowa Department of Natural Resources, Wallace State Office Building, Des Moines, Iowa 50319-0034.



Before You Ride



Know Your All-Terrain Vehicle

All-terrain vehicles (ATVs) are designed for both recreation and work. They can be great fun and can provide hours of safe off-road riding—but they should never be treated like toys. An ATV can be dangerous if you don't understand your vehicle or don't know proper riding procedures.

• ATVs differ from other vehicles in the way they handle. Routine turning or braking, if done improperly, can result in a sudden rollover.

Different types of ATVs have their own handling characteristics. For example, some ATVs have separate front and rear brake controls, and some have a control that brakes both the front and rear wheels. You need to understand your ATV's braking system and know the cafe way to come to come.



and know the safe way to come to a stop.

Remember ...

- Before your first ride, take a safety course offered by the DNR or ATV Safety Institute.
- ◆ ATVs are designed exclusively for off-road use.
- ATVs can be difficult to handle on paved surfaces, so operating an ATV on pavement can be hazardous.
- Riding on paved roads is a major cause of ATV-related fatalities.



Common ATV Parts







What to Wear

By definition, off-road means "rugged," so you should always wear clothing that combines both protection and comfort.

Essential Clothing Items

Never operate an ATV unless you protect yourself from head to toe by wearing these items.

- Motorcycle helmet
 - Helps prevent head injuries. In an accident, you are five times more likely to have a serious head injury if you are not wearing a helmet.
 - Full-face helmets offer the greatest protection and the most comfort.
 - All helmets should meet U.S. Department of Transportation standards at a minimum—even better, they should be "Snell–certified."

• Goggles or other eye protection

- Prevent branches, road debris, and insects from hitting your eyes, which can distract or even blind you.
- For proper protection, use goggles or a face shield—do not use sunglasses alone.
- Choose high-impact eye protection made of hard-coated polycarbonate or stamped with the safety-approved markings VESC-8 (or V-8) or Z87.1.
- Wear tinted lenses appropriate for your lighting conditions—gray for sunny days, yellow for cloudy days, and clear for evenings and nights.

Gloves

- Keep your hands warm in cold weather.
- Prevent soreness and fatigue.
- Protect your hands during a fall or if they scrape against a branch.
- Should have padding over the knuckles for the best protection.



Long pants and long-sleeved shirt or jacket

- Protect against scratching from branches.
- For best protection, your gear should include:
 - Pants with kneepads
 - Chest and shoulder protectors

Boots

- Heels help keep your feet firmly on the footrests.
- ATV boots are best because they protect lower legs also.





Dress for Cold Weather

As with any outdoor winter recreation, you need clothing that will keep you warm and dry. Bear in mind that the "wind chill factor" can lower your temperature considerably. For example, suppose the thermometer reads 30° Fahrenheit. If you ride at 25 miles an hour, the wind chill temperature drops to 0° Fahrenheit.

U.S. Customary Wind Chill Chart												
Estimated	Actual Thermometer Reading (°F)											
Wind Speed	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60
in MPH		Equivalent Temperature (°F)										
Calm	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60
5	48	37	27	16	6	-5	-15	-26	-36	-47	-57	-68
10	40	28	16	4	-9	-21	-33	-46	-58	-70	-83	-95
15	36	22	9	-5	-18	-36	-45	-58	-72	-85	-99	-112
20	32	18	4	-10	-25	-39	-53	-67	-82	-96	-110	-124
25	30	16	0	-15	-29	-44	-59	-74	-88	-104	-118	-133
30	28	13	-2	-18	-33	-48	-63	-79	-94	-109	-125	-140
35	27	11	-4	-20	-35	-49	-67	-82	-98	-113	-129	-145
40	26	10	-6	-21	-37	-53	-69	-85	-100	-116	-132	-148
(Wind speeds greater than 40 mph have little additional		DAN	"TLE [GER* clothed pe	rson)	DANGER* DA					REAT NGER*		
effect) *DANGER FROM FREEZING OF EXPOSED FLESH												

 Dress in layers, and wear gloves and a warm head covering under your helmet. Gloves with gauntlets will keep cold air from blowing up your sleeves. Do *not* wear a:

- Scarf, which can get caught in the moving parts of your vehicle or in branches and bushes
- Bubble-style face shield, which may frost over
- A snowmobile suit is a great outfit for ATV riders in cold weather. Clothing should fit snugly and still be comfortable. Clothing that's too loose can snag on your vehicle, twigs, and branches.



Riding Your ATV



Basic Operation

Before you do any serious off-road riding, you need to find a safe, unchallenging location where you can practice riding your new ATV and get comfortable operating it. The location should be large, open, flat, and free of hazards.

- Starting the ATV: Starting procedures vary from model to model, so consult your owner's manual. Typically, you need to:
 - Position the ATV in a safe direction and put the transmission in neutral or park.
 - Set the parking brake.
 - Turn on the fuel valve.
 - Make sure that the engine stop switch is in the "run" or "on" position.
 - Start the engine.
- Adjusting Your Posture: Correct riding posture matters. Like riding a bike, you need to shift your weight as you maneuver your ATV. Proper posture helps you move your body quickly when necessary and reach the controls easily.
 - Proper posture includes:
 - Head up and eyes looking ahead
 - Hands firmly gripping the handlebars
 - Feet on the footrests
 - Removing one hand or foot can reduce your ability to control the ATV or could cause you to lose your balance and fall off.
 - If you remove a foot from the footrest, your foot could come into contact with the rear wheels, causing an injury or accident.





Proper Level Riding Position

 Starting Off: After warming up the engine, follow these steps.

- Apply the rear brake.
- Shift into gear.
- Release the parking brake.
- Increase the throttle slowly.
- Shifting Gears: Different types of transmissions are available, so read your owner's manual for instructions on your model. For manual transmissions, let off the throttle as you shift. This helps to keep you from "popping the clutch," which can cause the front of the ATV to flip backward.
- **Braking:** The proper braking method depends on whether your ATV has brakes in the front, rear, or both. Consult your owner's manual for the correct braking procedures.



Riding Techniques

Turning

Consult your owner's manual for information on turning your ATV. In general, when riding at low to moderate speeds, you should:

- Move your body forward and lean in the direction of the turn.
- Turn the handlebars while looking where you are turning.
- If the ATV begins to tip, lean farther into the turn and slowly reduce your speed.



Riding Uphill

Climbing hills can be

dangerous if you don't follow the proper procedures described in your owner's manual. You could lose control of your ATV or it could overturn. In general, you should:

- Use good judgment. If you think the hill is too steep to climb safely, don't attempt it. Instead, you may be able to traverse the slope.
- Before starting the climb, shift into a lower gear and increase your speed.
- During the climb, increase the throttle steadily to keep your forward momentum.
- Slide forward on the seat, or stand and lean forward.
- Always lean uphill while leaving your feet on the footrests.
- If you can't see over the top of the hill to check for obstacles, slow down until you can.
 Off-Road Basics 29

Proper Uphill Riding Position

Riding Downhill

Before starting down a hill, select a route with a minimum of obstacles. Ideally, the route should require little or no turning. When riding downhill, remember to:

- Move back on the seat while leaving your feet on the footrests.
- Maintain a slow speed.
- Brake gradually.
- Stay in a low gear.
- Keep your eyes focused ahead.

Proper Downhill Riding Position

Traversing a Slope

Some hills may be too steep to ride up or down in a straight line. If so,

you may be able to ascend or descend the hill by riding across it at an angle—called traversing the slope. However, you should not attempt to traverse a surface that is extremely rough, loose, or slippery. When traversing, be sure to:

- Keep your feet on the footrests.
- Shift your weight to the uphill side.



Kids on Wheels



Is Your Child Ready to Ride?

- By Iowa law, a person under 12 years of age shall not operate an all-terrain vehicle, including an off-road motorcycle, on a designated riding area or designated riding trail or on ice unless one of the following applies:
 - The person is taking a prescribed safety training course and operation is under the direct supervision of a certified all-terrain vehicle safety instructor.
 - ATV and off-road motorcycle riders under the age of 12 must be under the direct supervision of an adult possessing a valid drivers license. Direct supervision means maintaining visual and verbal contact at all times.
- In Iowa, a person 12 years of age or older but less than 18 years must obtain and possess a valid safety certificate.
- ◆ To make an informed decision, parents must consider:
 - **Physical ability:** Can your youngster sit comfortably on the ATV and reach the controls easily?
 - **Motor skills:** Is your child's coordination adequate for the challenge of riding an ATV?
 - **Visual perception:** Does your child have good depth perception, peripheral vision, and the ability to judge distances?
 - **Maturity:** Will your youngster understand the risks involved in riding an ATV, make good decisions to avoid accidents, and drive responsibly?



Age and Engine Size

For your child's safety and comfort, you should select an ATV with an engine size that is appropriate for his or her age.



For All Riders

Be Prepared

DASICS

Any time you venture into off-road terrain, some risk is involved. You could be stranded because of mechanical problems. You might be caught in unexpected severe weather. You might be injured, or you simply might lose your way. It's best to be prepared for any potential problems.

Before You Leave ...

Tell someone where you plan to travel and when you will be back.

What to Bring Along

- Map and Compass: Topographic maps provide the most useful information for navigating terrain because they show the area in three dimensions. Purchase a good orienteering compass and learn how to use it with a topographic map.
- **First-Aid Kit:** Carry a first-aid kit, and take a first-aid course so that you'll know how to respond in an emergency.
- Survival Kit: In addition to the items listed above, you should carry:
 - Waterproof matches
 - Hand axe
 - Flashlight
 - Signal flares
 - Tarpaulin
 - High-energy snacks such as candy bars
 - Emergency food and water (enough for one day for long day trips)





Other useful items:

- · Radio to hear about approaching storms
- Mobile phone and GPS unit

Global Positioning System (GPS)

The Global Positioning System (GPS) is a navigation system based on a network of 24 satellites. Users with a GPS unit can determine their exact location (latitude and longitude) in any weather condition, all over the world, 24 hours a day.

Safety Guidelines

- Read your ATV owner's manual to familiarize yourself with the vehicle's operation.
- Check the vehicle's mechanical condition regularly.
- Make sure the lights work properly.
- Wear a helmet and goggles (or a face shield) to prevent injuries from branches and road debris.
- Wear protective clothing suitable for the environment.
- Be aware of the terrain in the area you plan to ride.
- Check the weather conditions, particularly forecasts for snow or ice.
- Ride in a group of two or more—never alone.
- Respect people and animals you encounter.
- Don't remove the factory-installed air box or muffler.
- Know ATV regulations.



Trail Etiquette

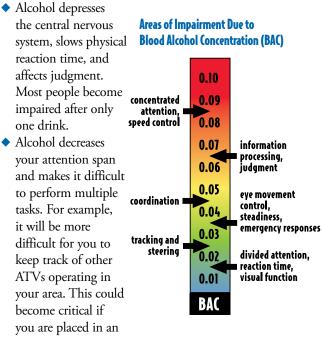
- Be courteous to other riders and hikers on the trail.
- Ride on the right side of the trail.
- Slow down when passing.
- Ride only where permitted.
- Leave gates as you find them.
- Yield the right-of-way to bikes, horses, and hikers.
- Report downed trees and trail maintenance needs to land managers.
- Report illegal riding.
- Carry out what you carry in.



34 Off-Road Basics

Alcohol and Drugs

 The effect of alcohol is increased by the natural stressors placed on your body while riding your ATV.



emergency situation and must make a sudden decision.

Remember ...

Iowa law prohibits riding an ATV while under the influence of intoxicating liquor or narcotics.



Designated OHV Parks

Off-Highway Vehicle Riding Areas

- All ATVs and off-road motorcycles must be registered in order to ride in the following ATV Parks.
 - **Bluff Creek OHV Park:** Located in Mahaska County southwest of Oskaloosa. This is a 350-acre park with most of the area accessible for riding. The area is an abandoned coal mine that has been developed into a riding area.
 - **Gypsum City OHV Park:** Located in Webster County southeast of Fort Dodge. This is a 300-acre park with 15 miles of rolling hill trails and perimeter trails. The park also includes a 15-acre, 1.5-mile MX track, a .4-mile kids' track, and a beginner/safety training area.
 - Lakeview OHV Park: Located in Johnson County North of Iowa City. This is a 147-acre park with lots of dirt and sand trails with many hills. Future plans include a kids' track, an MX track, and an obstacle course.
 - Nicholson-Ford OHV Park: Located in Marshall County on the northwest side of Marshalltown. This is a 110-acre park with approximately 20 miles of tight, riverbottom, wooded trails.
 - **Rathbun OHV Park:** Located in Appanoose County, on the southwest arm of Lake Rathbun off of Highway 142. This is a 120-acre riding area located on U.S. Army Corps of Engineers land.

Keep in mind ... Operational rules are strictly enforced in OHV Parks.

- River Valley OHV Park: Located along the Missouri River in Council Bluffs. This park is 200 acres in size and located off of the highway 275 bridge. Check out the website: www.rivervalleytrailriders.com
- **Riverview OHV Park:** Located on Hawthorne Street in Waterloo, Black Hawk County. This 180-acre park is

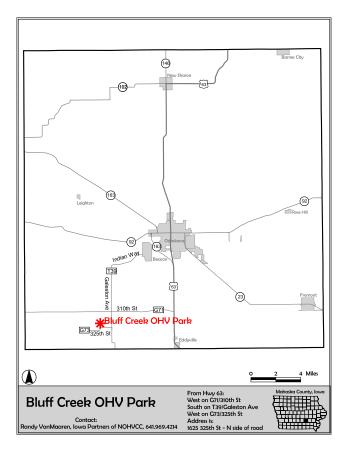
surrounded by the Cedar River, which creates some nice riverside trails. There is a nice variety of riding throughout the park. The park now includes: two MX tracks, a flat track, a large parking lot, and other features.

- Tama County OHV Park: Located in Tama County southwest of Tama. This is a 300-acre park with tight wooded trails with some hills. The park includes a 15-mile perimeter trail, a kids' track, and 23 campsites (10 with electric).
- For area maps of these riding parks, go to: www.iowaohv.com

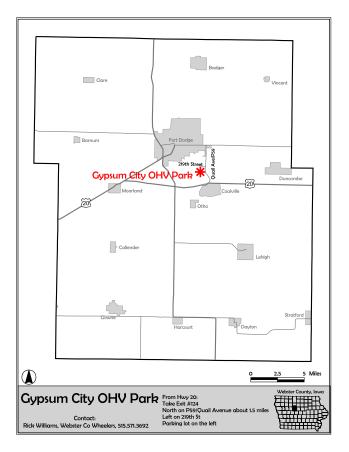
Park Operational Rules

- Resident-owned ATVs and off-road motorcycles must display a valid DNR registration. Nonresident-owned ATVs and off-road motorcycles must display a valid nonresident user permit.
- Helmets are required for all riders (and passenger if passenger is permitted).
- ATV riders 12 through 17 years of age must have a valid safety certificate.
- ATV and off-road motorcycle riders under the age of 12 must be under the direct supervision of an adult possessing a valid drivers license. Direct supervision means maintaining visual and verbal contact at all times.
- Riding double is prohibited on all ATVs and motorcycles (except on ATVs that are designed by the original manufacturer to carry a passenger).
- Riding off-trail or in prohibited areas is illegal.
- Careless, reckless, or negligent operation is prohibited.
- Possession and consumption of alcohol in the riding park is prohibited.
- ATVs and motorcycles may not exceed an engine noise limit above 96 decibels as tested under SAE J1287.
- Only ATVs and off-road motorcycles, as defined under 3211, are permitted on OHV Park riding areas unless signed open to other use by the Department.

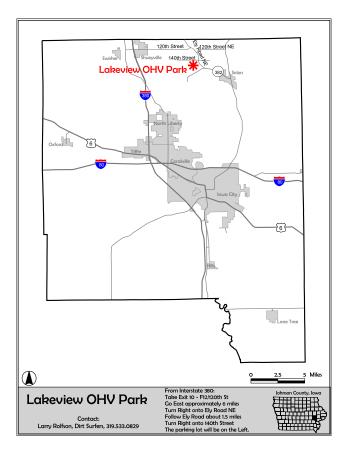
Bluff Creek OHV Park



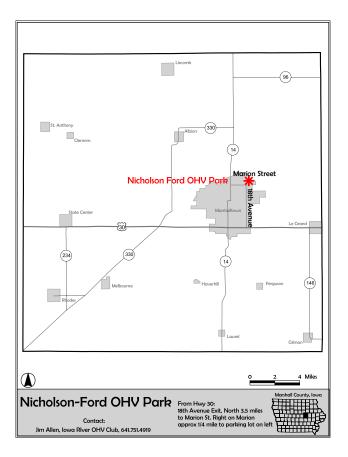
Gypsum City OHV Park



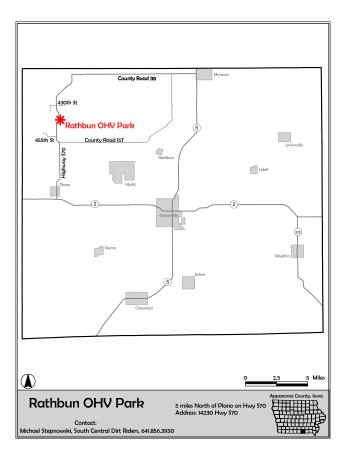
Lakeview OHV Park



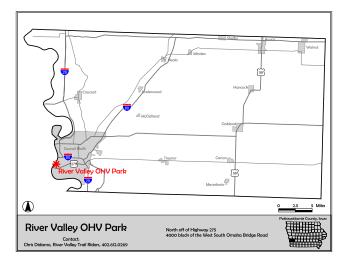
Nicholson-Ford OHV Park



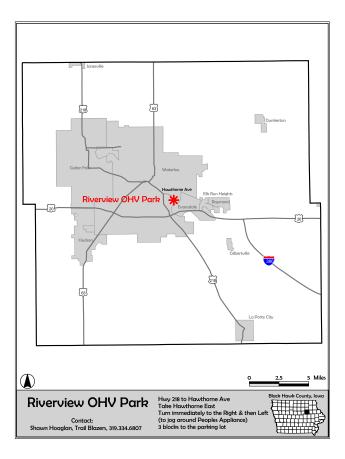
Rathbun OHV Park



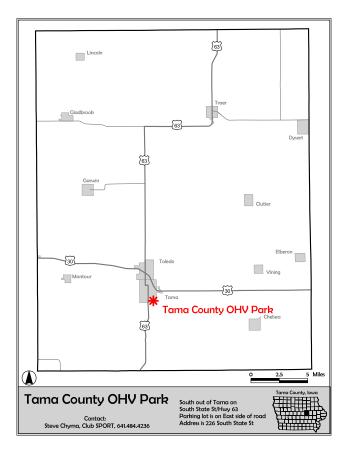
River Valley OHV Park



Riverview OHV Park



Tama County OHV Park



Conservation Officers

Adair	Eric Sansgaard	712-520-0303
Adams	Andrea Bevington	
Allamakee	Bill Collins	
Allamakee	Vicky Hanson	
Annon0000		
Appanoose	Randy McPherren	
	Dallas Davis	
Audubon	Brian Smith	
Benton	Brett Reece (West 1/2)	
	Ron Lane (East ½)	
Black Hawk	Aron Arthur	
	Mike Bonser	
Boone	Mark Edwards	
	Bill Fribley	
Bremer	Vacant	319-939-4448
	Mike Bonser	319-240-5034
Buchanan	Scott Kinseth	562-920-0566
Buena Vista	Brent Koppie	712-260-1010
Butler	Greg Woodley	
Calhoun	Nathan Haupert	712-330-8462
Carroll	Dan Pauley	
Cass	Eric Sansgaard	
Cedar	Shawn Meier	
Cerro Gordo	Randy Schnoebelen	
	Ben Bergman	
Cherokee	Brent Koppie (East 1/2)	
	Chad Morrow (West ½)	
Chickasaw	Al Baxter	
Clarke	Craig Roberg	
Clay	Gary Biederman	
Clayton	Jerry Farmer	
olayton	Burt Walters	
Clinton	Luke Webinger	
Crawford		
Dallas	Gary Sisco	
	Craig Lonneman	
Davis	Matt Rush	
D 1	Bob Stuchel	
Decatur	Craig Roberg	641-414-21/4
Delaware	Scott Kinseth (West 1/2)	
	Aric Sloterdyk (West ½)	319-350-2863
	Mike Ouverson (East ½)	563-590-1944
	Andrew Keil (East 1/2)	563-590-1945
Des Moines	Les Nieland (West 1/2)	
	Paul Kay	
Dickinson	Jeff Morrison	
	Gary Owen	712-260-1018

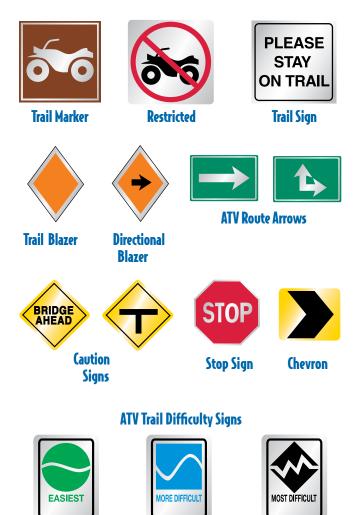
Dubuquo	Mike Ouverson	562 500 10//
Dubuque	Andrew Keil	
Emmet		
Favette	Gary Koppie Dave Elledge	
	Eric Johnston	
Floyd Franklin	Greg Woodley	
Fremont	Marlowe Wilson	
Greene	Dan Pauley	
Grundy	Jeremy King	
Guthrie	Brian Smith	
Hamilton	Chuck Humeston	
Hancock	Ken Lonneman	
Hardin	Chuck Humeston	
Harrison	Dave Tierney	
Henry	Les Nieland	
Howard	Al Baxter	
Humboldt	Matt Bruner	
lda	Dan Mork	
lowa	Brad Baker	
Jackson	Mike Macke	
	Jeff Harrison	
Jasper	Kirby Bragg	
Jefferson	Chris Flynn	
Johnson	Brad Baker	
	Erika Billerbeck	
Jones	Mike Macke	
	Jeff Harrison	
Keokuk	Jacob Fulk	
Kossuth	Virginia Ashby	
Lee	Joseph Fourdyce	
Linn	Aric Sloterdyk	319-350-2863
	Ron Lane	
Louisa	Larry Dessner	
Lucas	Kyle Jensen	
Lyon	Greg Harson	712-260-1006
Madison	Craig Lonneman	515-238-5005
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Marion	John Mertz	641-891-2004
	Jason Sandholdt	
Marshall	Jeremy King	641-751-5246
Mills	Michael Miller	712-520-0121
Mitchell	Eric Johnston	319-240-9174
Monona	Gary Sisco	712-420-1486
Monroe	Dallas Davis	
	Randy McPherren	641-777-2164
Montgomery	Deb Howe	
Muscatine	Tom Campbell	563-260-1223
0'Brien	John Sells (West ½)	
	Gary Biederman (East ½)	712-260-1004
Osceola	Greg Harson	712-260-1006

Page	Deb Howe	712-520-0507
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Plymouth	Chad Morrow	
Pocahontas	Nathan Haupert	712-330-8462
Polk	Brandon Bergguist	
	Jeff Swearngin	
Pottawattamie	Andrea Bevington	
	Doug Clayton	
Poweshiek	Mike Ryan	
Ringgold	Marc Roberg	
Sac	Dan Mork	
Scott	Ed Kocal	563-349-8953
	Terry Nims	563-349-9418
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Sioux	John Sells	
Story	Bill Fribley	515-290-0527
	Mark Edwards	
Tama	Brett Reece	641-751-0931
Taylor	Andrea Bevington	712-520-0508
Union	Marc Roberg	641-414-2173
Van Buren	Chris Flynn	
Wapello	Matt Rush	
	Bob Stuchel	641-777-2169
Warren	Craig Cutts	515-238-4847
Washington	Jacob Fulk	
Wayne	Kyle Jensen	641-414-2175
Webster	Matt Bruner	
Winnebago	Matt Washburn	641-425-0821
Winneshiek	Brian Roffman	563-380-0496
Woodbury	Steven Griebel	712-260-1005
-	Stacey Sisco	712-260-1028
Worth	Matt Washburn	641-425-0821
Wright	Ken Lonneman	
641-425-0823		

Recreational Safety Officers

NW - District 1	Marty Eby	712-260-1036
NE - District 2	Pat Jorgensen	
SW - District 3	Dale Anderson	712-250-0302
SE - District 4	Ken Kenyon	
NC - District 5	Jeff Barnes	515-290-4907
SC - District 6	Allen Crouse	515-238-4955

ORV Trail Signs



Easiest

More Difficult

Most Difficult

Iowa Department of Natural Resources



Iowa OHV Association......712-358-1870
www.iowaohv.com



Visit our website: www.iow<u>adnr.gov</u>

Everything you want to know about what's going on outdoors in lowa is just a click away.